Accession	Gene	Fold Change (KO vs. WT)	Log2 Fold Change	Students T Test	-Log10 T Test	Description
P35922-11	Fmr1	0.286615188	-1.802813034	1.40237E-07	6.853137195	Isoform ISO11 of Fragile X mental retardation protein 1 homolog OS=Mus musculus GN=Fmr1
Q9R0U0-3	Srsf10	1.25105254	0.32314238	0.000236199	3.626721776	Isoform 3 of Serine/arginine-rich splicing factor 10 OS=Mus musculus GN=Srsf10
Q8BMF3	Me3	0.85170184	-0.231579628	0.0002823	3.549289558	NADP-dependent malic enzyme, mitochondrial OS=Mus musculus GN=Me3 PE=1 SV=2
O08917	Flot1	1.161895118	0.216479846	0.000400149	3.397778029	Flotillin-1 OS=Mus musculus GN=Flot1 PE=1 SV=1
O35382	Exoc4	0.882462502	-0.180393119	0.000436593	3.359923432	Exocyst complex component 4 OS=Mus musculus GN=Exoc4 PE=1 SV=2
Q9CQ06	Mrpl24	0.6993409	-0.515932212	0.000575661	3.239833118	39S ribosomal protein L24, mitochondrial OS=Mus musculus GN=Mrpl24 PE=2 SV=1
P11276	Fn1	1.300748227	0.37934174	0.000656169	3.18298415	Fibronectin OS=Mus musculus GN=Fn1 PE=1 SV=4
Q9Z2D8	Mbd3	1.539392458	0.622361084	0.001034747	2.985166017	Methyl-CpG-binding domain protein 3 OS=Mus musculus GN=Mbd3 PE=1 SV=1
Q922P9	Glyr1	1.168721963	0.224931756	0.001094018	2.960975345	Putative oxidoreductase GLYR1 OS=Mus musculus GN=Glyr1 PE=1 SV=1
Q9D7H3	RtcA	1.180660284	0.239593913	0.001228101	2.910765827	RNA 3'-terminal phosphate cyclase OS=Mus musculus GN=RtcA PE=2 SV=2
Q64444	Ca4	0.823530587	-0.28010586	0.001759923	2.754506224	Carbonic anhydrase 4 OS=Mus musculus GN=Ca4 PE=1 SV=1
P26040	Ezr	0.911685883	-0.133391259	0.001964545	2.70673811	Ezrin OS=Mus musculus GN=Ezr PE=1 SV=3
Q91XM9-8	Dlg2	1.075979318	0.105650348	0.002208582	2.655886434	Isoform 8 of Disks large homolog 2 OS=Mus musculus GN=Dlg2
Q99K85	Psat1	0.917278075	-0.124568939	0.002286661	2.640798211	Phosphoserine aminotransferase OS=Mus musculus GN=Psat1 PE=1 SV=1
O35286	Dhx15	1.043934353	0.062030991	0.002593868	2.586052105	Putative pre-mRNA-splicing factor ATP-dependent RNA helicase DHX15 OS=Mus musculus GN=Dhx15 PE=2 SV=2
Q64737-2	Gart	1.187932963	0.248453424	0.002732413	2.563453619	Isoform Short of Trifunctional purine biosynthetic protein adenosine-3 OS=Mus musculus GN=Gart
P32848	Pvalb	0.673498429	-0.570253515	0.003207377	2.493850031	Parvalbumin alpha OS=Mus musculus GN=Pvalb PE=1 SV=3
Q8C8R3-5	Ank2	1.065510177	0.091544372	0.003757621	2.425087075	Isoform 5 of Ankyrin-2 OS=Mus musculus GN=Ank2
Q8R429	Atp2a1	0.915915339	-0.126713843	0.004684413	2.329344839	Sarcoplasmic/endoplasmic reticulum calcium ATPase 1 OS=Mus musculus GN=Atp2a1 PE=2 SV=1
Q8K4Z3	Apoa1bp	1.080664463	0.111918648	0.004815362	2.31737109	NAD(P)H-hydrate epimerase OS=Mus musculus GN=Apoa1bp PE=1 SV=1
P63318	Prkcg	1.08629115	0.119410829	0.00548705	2.260661091	Protein kinase C gamma type OS=Mus musculus GN=Prkcg PE=1 SV=1
O08784	Tcof1	1.246313531	0.317667048	0.00561463	2.250678888	Treacle protein OS=Mus musculus GN=Tcof1 PE=1 SV=1
P49442	Inpp1	0.902853701	-0.147435864	0.00578931	2.237373203	Inositol polyphosphate 1-phosphatase OS=Mus musculus GN=Inpp1 PE=1 SV=2
Q9DC53	Cpne8	1.377926448	0.462498881	0.006386883	2.194711017	Copine-8 OS=Mus musculus GN=Cpne8 PE=2 SV=3
Q80TM9-6	Nisch	1.075622486	0.105171821	0.006444839	2.190787895	Isoform 6 of Nischarin OS=Mus musculus GN=Nisch
Q91VZ6	Smap1	1.149531246	0.201045681	0.00646276	2.189581963	Stromal membrane-associated protein 1 OS=Mus musculus GN=Smap1 PE=1 SV=1
Q8WTY4	Ciapin1	1.171967295	0.22893231	0.006652969	2.176984485	Anamorsin OS=Mus musculus GN=Ciapin1 PE=1 SV=1
Q80XU3	Nucks1	1.120454172	0.164083642	0.006875835	2.162674527	Nuclear ubiquitous casein and cyclin-dependent kinase substrate 1 OS=Mus musculus GN=Nucks1 PE=1 SV=1
Q91WC3	Acsl6	0.919545573	-0.121007018	0.007147441	2.145849418	Long-chain-fatty-acid--CoA ligase 6 OS=Mus musculus GN=Acsl6 PE=2 SV=1
Q3UV70	Pdp1	0.873098138	-0.195784271	0.008110569	2.090948676	[Pyruvate dehydrogenase [acetyl-transferring]]-phosphatase 1, mitochondrial OS=Mus musculus GN=Pdp1 PE=2 SV=1
Q9Z2D6	Mecp2	1.071815243	0.100056239	0.008188755	2.086782103	Methyl-CpG-binding protein 2 OS=Mus musculus GN=Mecp2 PE=1 SV=1
P97820	Map4k4	0.899806816	-0.1523128	0.008224713	2.084879263	Mitogen-activated protein kinase kinase kinase kinase 4 OS=Mus musculus GN=Map4k4 PE=1 SV=1
P05202	Got2	0.918176596	-0.123156436	0.008337315	2.078973767	Aspartate aminotransferase, mitochondrial OS=Mus musculus GN=Got2 PE=1 SV=1
Q8C8R3	Ank2	1.059448671	0.083313693	0.008364644	2.077552561	Ankyrin-2 OS=Mus musculus GN=Ank2 PE=1 SV=2
Q9D1E8	Agpat5	1.183279758	0.242791204	0.008441934	2.07355807	1-acyl-sn-glycerol-3-phosphate acyltransferase epsilon OS=Mus musculus GN=Agpat5 PE=2 SV=2
P28798	Grn	1.302957306	0.381789812	0.008844805	2.05331172	Granulins OS=Mus musculus GN=Grn PE=1 SV=2
Q7TMF3	Ndufa12	0.883433105	-0.1788072	0.008847237	2.053192358	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 12 OS=Mus musculus GN=Ndufa12 PE=2 SV=2
O55091	Impact	1.190496189	0.251563002	0.009201701	2.036131872	Protein IMPACT OS=Mus musculus GN=Impact PE=1 SV=2
Q6Y685	Tacc1	0.843259358	-0.245951672	0.009217057	2.035407747	Transforming acidic coiled-coil-containing protein 1 OS=Mus musculus GN=Tacc1 PE=1 SV=1
Q9D0S9	Hint2	1.281144347	0.357433033	0.009360553	2.028698498	Histidine triad nucleotide-binding protein 2, mitochondrial OS=Mus musculus GN=Hint2 PE=1 SV=1
Q8BLQ9-3	Cadm2	1.110536823	0.15125723	0.0093809	2.027755497	Isoform 3 of Cell adhesion molecule 2 OS=Mus musculus GN=Cadm2
P55264	Adk	0.914429615	-0.129055967	0.009940458	2.002593617	Adenosine kinase OS=Mus musculus GN=Adk PE=1 SV=2
Q99LC9	Pex6	1.269119188	0.343827564	0.010372805	1.984103769	Peroxisome assembly factor 2 OS=Mus musculus GN=Pex6 PE=2 SV=1
P26350	Ptma	1.168889189	0.225138169	0.010529631	1.977586839	Prothymosin alpha OS=Mus musculus GN=Ptma PE=1 SV=2
Q9QYR6	Map1a	0.927499851	-0.108581044	0.010691081	1.970978374	Microtubule-associated protein 1A OS=Mus musculus GN=Map1a PE=1 SV=2
Q9JHQ5	Lztfl1	1.134281685	0.181778961	0.01126708	1.948188626	Leucine zipper transcription factor-like protein 1 OS=Mus musculus GN=Lztfl1 PE=1 SV=1
Q8CGY8	Ogt	0.939782896	-0.089600584	0.011649072	1.933708686	UDP-N-acetylglucosamine--peptide N-acetylglucosaminyltransferase 110 kDa subunit OS=Mus musculus GN=Ogt PE=1 SV=2
Q8R5H6	Wasf1	1.081414898	0.112920137	0.011688166	1.932253632	Wiskott-Aldrich syndrome protein family member 1 OS=Mus musculus GN=Wasf1 PE=1 SV=2
P02802	Mt1	0.653314093	-0.614151334	0.011772652	1.929125708	Metallothionein-1 OS=Mus musculus GN=Mt1 PE=1 SV=1
Q8BLF1	Nceh1	0.867554545	-0.204973629	0.01211596	1.916642175	Neutral cholesterol ester hydrolase 1 OS=Mus musculus GN=Nceh1 PE=1 SV=1
Q9D1H6	Ndufaf4	0.70982469	-0.494465338	0.012465032	1.904306602	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex assembly factor 4 OS=Mus musculus GN=Ndufaf4 PE=2 SV=1
Q8BJZ4	Mrps35	0.934611431	-0.097561412	0.012590816	1.899946115	28S ribosomal protein S35, mitochondrial OS=Mus musculus GN=Mrps35 PE=2 SV=2
Q91Z31	Ptbp2	1.121696558	0.16568245	0.012796028	1.892924829	Polypyrimidine tract-binding protein 2 OS=Mus musculus GN=Ptbp2 PE=1 SV=2
P70335	Rock1	1.120912988	0.164674291	0.013468692	1.870674582	Rho-associated protein kinase 1 OS=Mus musculus GN=Rock1 PE=1 SV=1
Q8BJH1	Zc2hc1a	1.142027109	0.191596897	0.014072668	1.851623563	Zinc finger C2HC domain-containing protein 1A OS=Mus musculus GN=Zc2hc1a PE=2 SV=1
P40336	Vps26a	0.878028909	-0.187659653	0.014116984	1.850258068	Vacuolar protein sorting-associated protein 26A OS=Mus musculus GN=Vps26a PE=2 SV=1
Q91XM9-3	Dlg2	1.067577885	0.094341325	0.014134174	1.84972956	Isoform 3 of Disks large homolog 2 OS=Mus musculus GN=Dlg2
Q3TVA9	Ccdc136	0.917238299	-0.1246315	0.014564274	1.836711161	Coiled-coil domain-containing protein 136 OS=Mus musculus GN=Ccdc136 PE=2 SV=2
Q3TDK6-2	Rogdi	0.923703082	-0.114498913	0.014600142	1.835642907	Isoform 2 of Protein rogdi homolog OS=Mus musculus GN=Rogdi
P24549	Aldh1a1	0.797582581	-0.326294193	0.015004	1.823792932	Retinal dehydrogenase 1 OS=Mus musculus GN=Aldh1a1 PE=1 SV=5
P15209-4	Ntrk2	0.910244262	-0.135674354	0.015165605	1.819140267	Isoform L10 of BDNF/NT-3 growth factors receptor OS=Mus musculus GN=Ntrk2
Q8R5M8-3	Cadm1	0.793848859	-0.333063736	0.015349621	1.813902333	Isoform 3 of Cell adhesion molecule 1 OS=Mus musculus GN=Cadm1
Q9CPQ1	Cox6c	0.885849195	-0.174866976	0.01553009	1.808826035	Cytochrome c oxidase subunit 6C OS=Mus musculus GN=Cox6c PE=1 SV=3
P55264-2	Adk	0.913314824	-0.130815845	0.015942228	1.797450981	Isoform Short of Adenosine kinase OS=Mus musculus GN=Adk
P22907	Hmbs	1.2066659	0.27102628	0.016036798	1.79488234	Porphobilinogen deaminase OS=Mus musculus GN=Hmbs PE=1 SV=2
Q9CXP8	Gng10	1.267907042	0.342448976	0.016504721	1.782391812	Guanine nucleotide-binding protein G(I)/G(S)/G(O) subunit gamma-10 OS=Mus musculus GN=Gng10 PE=3 SV=1
Q9R0Y5	Ak1	0.947055881	-0.078478541	0.01671868	1.776798019	Adenylate kinase isoenzyme 1 OS=Mus musculus GN=Ak1 PE=1 SV=1
Q8BM72	Hspa13	1.205316683	0.269412248	0.01683058	1.773900906	Heat shock 70 kDa protein 13 OS=Mus musculus GN=Hspa13 PE=2 SV=1
Q8C1B1	Camsap2	0.900445519	-0.151289105	0.01720852	1.764256469	Calmodulin-regulated spectrin-associated protein 2 OS=Mus musculus GN=Camsap2 PE=1 SV=3
O88685	Psmc3	1.07600446	0.105684058	0.017360411	1.76044	26S protease regulatory subunit 6A OS=Mus musculus GN=Psmc3 PE=1 SV=2
Q9DBR7	Ppp1r12a	1.140524207	0.189697067	0.017382863	1.759878694	Protein phosphatase 1 regulatory subunit 12A OS=Mus musculus GN=Ppp1r12a PE=1 SV=2
Q8C8R3-2	Ank2	1.050122759	0.070557988	0.017571554	1.755189826	Isoform 2 of Ankyrin-2 OS=Mus musculus GN=Ank2
Q8VHY0	Cspg4	1.157025273	0.210420377	0.017611797	1.754196325	Chondroitin sulfate proteoglycan 4 OS=Mus musculus GN=Cspg4 PE=1 SV=3
Q9JIF7	Copb1	1.132374783	0.179351527	0.017975181	1.745326735	Coatomer subunit beta OS=Mus musculus GN=Copb1 PE=1 SV=1
Q9CPX7	Mrps16	1.292586677	0.370261027	0.018186724	1.740245523	28S ribosomal protein S16, mitochondrial OS=Mus musculus GN=Mrps16 PE=2 SV=1
Q7TNG5	Eml2	0.847302355	-0.239051215	0.018267812	1.738313455	Echinoderm microtubule-associated protein-like 2 OS=Mus musculus GN=Eml2 PE=2 SV=1
P63042	Stmn4	1.273233141	0.348496615	0.01848351	1.733215545	Stathmin-4 OS=Mus musculus GN=Stmn4 PE=2 SV=1
Q8BFZ9	Erlin2	1.104311286	0.1431469	0.018555217	1.731533969	Erlin-2 OS=Mus musculus GN=Erlin2 PE=1 SV=1
Q3TDK6-3	Rogdi	0.940644616	-0.088278332	0.018634342	1.729685936	Isoform 3 of Protein rogdi homolog OS=Mus musculus GN=Rogdi
Q3TDK6	Rogdi	0.931475671	-0.102410007	0.019003721	1.721161353	Protein rogdi homolog OS=Mus musculus GN=Rogdi PE=2 SV=2
P61211	Arl1	1.109950912	0.150495875	0.019165991	1.717468718	ADP-ribosylation factor-like protein 1 OS=Mus musculus GN=Arl1 PE=2 SV=1
P28741	Kif3a	1.343634943	0.42614122	0.019258441	1.715378879	Kinesin-like protein KIF3A OS=Mus musculus GN=Kif3a PE=1 SV=2
B0V2N1-5	Ptprs	1.071522532	0.099662187	0.01939093	1.712401366	Isoform 5 of Receptor-type tyrosine-protein phosphatase S OS=Mus musculus GN=Ptprs
P62960	Ybx1	1.336305064	0.418249397	0.019428276	1.711565732	Nuclease-sensitive element-binding protein 1 OS=Mus musculus GN=Ybx1 PE=1 SV=3
P36916	Gnl1	0.886307016	-0.174121561	0.019757287	1.704272696	Guanine nucleotide-binding protein-like 1 OS=Mus musculus GN=Gnl1 PE=2 SV=4
Q7TPD0	Ints3	1.354868862	0.43815322	0.019787099	1.703617871	Integrator complex subunit 3 OS=Mus musculus GN=Ints3 PE=2 SV=2
Q8BHG2		1.110323617	0.150980229	0.020035335	1.698203394	UPF0587 protein C1orf123 homolog OS=Mus musculus PE=2 SV=1
Q8C8R3-3	Ank2	1.096181835	0.132487133	0.020215558	1.694314272	Isoform 3 of Ankyrin-2 OS=Mus musculus GN=Ank2
P14148	Rpl7	0.926309122	-0.110434374	0.020600234	1.686127842	60S ribosomal protein L7 OS=Mus musculus GN=Rpl7 PE=1 SV=2
Q91WU5	As3mt	1.448729675	0.534788421	0.020628141	1.685539914	Arsenite methyltransferase OS=Mus musculus GN=As3mt PE=2 SV=2
Q99MN9	Pccb	0.819515715	-0.287156481	0.0210658	1.676422051	Propionyl-CoA carboxylase beta chain, mitochondrial OS=Mus musculus GN=Pccb PE=1 SV=2
O55143	Atp2a2	0.935227756	-0.096610348	0.021391148	1.669765914	Sarcoplasmic/endoplasmic reticulum calcium ATPase 2 OS=Mus musculus GN=Atp2a2 PE=1 SV=2
Q61599	Arhgdib	1.11274498	0.154122992	0.02142647	1.66904937	Rho GDP-dissociation inhibitor 2 OS=Mus musculus GN=Arhgdib PE=1 SV=3
Q9Z0M3	Cdh20	0.684702219	-0.546451407	0.0215495	1.666562795	Cadherin-20 OS=Mus musculus GN=Cdh20 PE=2 SV=1
Q8CEE7	Rdh13	1.201576136	0.264928065	0.021822548	1.661094544	Retinol dehydrogenase 13 OS=Mus musculus GN=Rdh13 PE=2 SV=1
P62196	Psmc5	1.068274449	0.095282336	0.021924399	1.659072313	26S protease regulatory subunit 8 OS=Mus musculus GN=Psmc5 PE=1 SV=1
Q80TM9-5	Nisch	1.168830607	0.225065862	0.022019582	1.657190938	Isoform 5 of Nischarin OS=Mus musculus GN=Nisch
O54774	Ap3d1	1.079275365	0.110062999	0.022340333	1.650910363	AP-3 complex subunit delta-1 OS=Mus musculus GN=Ap3d1 PE=1 SV=1
Q6ZWY6	Ube2d2b	1.099157159	0.13639768	0.022347238	1.650776137	Ubiquitin-conjugating enzyme E2 D2B OS=Mus musculus GN=Ube2d2b PE=2 SV=1
Q6P9R2	Oxsr1	1.098468581	0.135493605	0.022372149	1.650292305	Serine/threonine-protein kinase OSR1 OS=Mus musculus GN=Oxsr1 PE=1 SV=1
O55143-2	Atp2a2	0.935794006	-0.095737108	0.02294654	1.639282783	Isoform 2 of Sarcoplasmic/endoplasmic reticulum calcium ATPase 2 OS=Mus musculus GN=Atp2a2
P70408	Cdh10	0.863259875	-0.212133163	0.023101324	1.636363121	Cadherin-10 OS=Mus musculus GN=Cdh10 PE=1 SV=3
P35803-8	Gpm6b	1.138324847	0.186912323	0.023438691	1.63006664	Isoform 8 of Neuronal membrane glycoprotein M6-b OS=Mus musculus GN=Gpm6b
Q9WVC2-2	Lynx1	0.854520074	-0.226813711	0.023561219	1.627802248	Isoform 2 of Ly-6/neurotoxin-like protein 1 OS=Mus musculus GN=Lynx1
Q3UH60-2	Dip2b	0.876411099	-0.19032034	0.024046253	1.618952584	Isoform 2 of Disco-interacting protein 2 homolog B OS=Mus musculus GN=Dip2b
Q8VC74	Cox18	1.349131733	0.432031224	0.02440544	1.612513359	Mitochondrial inner membrane protein COX18 OS=Mus musculus GN=Cox18 PE=2 SV=5
Q8BYR5-3	Cadps2	0.914201118	-0.129416512	0.024507478	1.610701381	Isoform 3 of Calcium-dependent secretion activator 2 OS=Mus musculus GN=Cadps2
Q62421	Sh3gl3	1.10592716	0.145256368	0.024914077	1.603555203	Endophilin-A3 OS=Mus musculus GN=Sh3gl3 PE=2 SV=1
Q925N0	Sfxn5	0.922672691	-0.116109138	0.024917757	1.603491055	Sideroflexin-5 OS=Mus musculus GN=Sfxn5 PE=1 SV=2
Q9D2V5	Aar2	0.651507865	-0.618145499	0.025156758	1.599345324	Protein AAR2 homolog OS=Mus musculus GN=Aar2 PE=2 SV=3
Q922Q1	Marc2	0.897279905	-0.156369993	0.025335132	1.596276832	MOSC domain-containing protein 2, mitochondrial OS=Mus musculus GN=Marc2 PE=1 SV=1
P68372	Tubb4b	1.062347012	0.087255094	0.0260511	1.584173933	Tubulin beta-4B chain OS=Mus musculus GN=Tubb4b PE=1 SV=1
Q8BJH1-2	Zc2hc1a	1.138671937	0.187352151	0.026963174	1.569228979	Isoform 2 of Zinc finger C2HC domain-containing protein 1A OS=Mus musculus GN=Zc2hc1a
P09055	Itgb1	1.314968045	0.395027741	0.027382974	1.562519382	Integrin beta-1 OS=Mus musculus GN=Itgb1 PE=1 SV=1
P17918	Pcna	2.331020051	1.220961414	0.027820598	1.555633547	Proliferating cell nuclear antigen OS=Mus musculus GN=Pcna PE=1 SV=2
P54227	Stmn1	1.10751689	0.1473287	0.027906691	1.55429166	Stathmin OS=Mus musculus GN=Stmn1 PE=1 SV=2
O55022	Pgrmc1	1.105301542	0.144440011	0.028107656	1.551175367	Membrane-associated progesterone receptor component 1 OS=Mus musculus GN=Pgrmc1 PE=1 SV=4

Accession	Gene	Fold Change (KO vs. WT)	Log2 Fold Change	Students T Test	-Log10 T Test	Description
Q9D7S9	Chmp5	1.18766608	0.24812927	0.028217229	1.549485638	Charged multivesicular body protein 5 OS=Mus musculus GN=Chmp5 PE=2 SV=1
O70250	Pgam2	0.899872452	-0.152207566	0.029070219	1.536551691	Phosphoglycerate mutase 2 OS=Mus musculus GN=Pgam2 PE=1 SV=3
Q9CQA1	Trappc5	0.829440544	-0.269789525	0.02959477	1.528785033	Trafficking protein particle complex subunit 5 OS=Mus musculus GN=Trappc5 PE=1 SV=1
Q80VP0-2	Tecpr1	1.575601368	0.655902575	0.029624986	1.528341842	Isoform 2 of Tectonin beta-propeller repeat-containing protein 1 OS=Mus musculus GN=Tecpr1
Q9Z1W8	Atp12a	0.880696341	-0.183283422	0.029777771	1.526107811	Potassium-transporting ATPase alpha chain 2 OS=Mus musculus GN=Atp12a PE=1 SV=3
Q91ZR2	Snx18	0.655469156	-0.609400201	0.029969773	1.523316547	Sorting nexin-18 OS=Mus musculus GN=Snx18 PE=1 SV=1
Q91Y86	Mapk8	1.059042818	0.08276092	0.030190772	1.520125775	Mitogen-activated protein kinase 8 OS=Mus musculus GN=Mapk8 PE=1 SV=1
Q9R1Q8	Tagln3	1.099875033	0.137339615	0.03023207	1.51953211	Transgelin-3 OS=Mus musculus GN=Tagln3 PE=1 SV=1
Q9WTQ8	Timm23	0.846409467	-0.240572331	0.031129372	1.506829643	Mitochondrial import inner membrane translocase subunit Tim23 OS=Mus musculus GN=Timm23 PE=2 SV=1
Q8C167-4	Prepl	0.882095712	-0.18099289	0.031862969	1.496713758	Isoform 4 of Prolyl endopeptidase-like OS=Mus musculus GN=Prepl
Q64436	Atp4a	0.881490395	-0.181983246	0.031908856	1.496088761	Potassium-transporting ATPase alpha chain 1 OS=Mus musculus GN=Atp4a PE=1 SV=3
Q9Z130	Hnrnpdl	0.904971838	-0.144055198	0.032207453	1.492043623	Heterogeneous nuclear ribonucleoprotein D-like OS=Mus musculus GN=Hnrnpdl PE=1 SV=1
Q7TPV4	Mybbp1a	0.662467662	-0.594078064	0.03243808	1.488944855	Myb-binding protein 1A OS=Mus musculus GN=Mybbp1a PE=1 SV=2
Q99KR7	Ppif	0.876650633	-0.189926087	0.032955839	1.482067629	Peptidyl-prolyl cis-trans isomerase F, mitochondrial OS=Mus musculus GN=Ppif PE=1 SV=1
Q922S4	Pde2a	1.132383211	0.179362265	0.033094803	1.480240195	cGMP-dependent 3',5'-cyclic phosphodiesterase OS=Mus musculus GN=Pde2a PE=1 SV=3
B2RR83	Ythdc2	1.225465296	0.293329629	0.033416522	1.476038749	Probable ATP-dependent RNA helicase YTHDC2 OS=Mus musculus GN=Ythdc2 PE=1 SV=1
A6H5Z3	Exoc6b	0.805319384	-0.312367036	0.033416981	1.476032793	Exocyst complex component 6B OS=Mus musculus GN=Exoc6b PE=2 SV=1
Q91XI1	Dus3l	1.34903743	0.431930377	0.033927529	1.469447764	tRNA-dihydrouridine(47) synthase [NAD(P)(+)]-like OS=Mus musculus GN=Dus3l PE=2 SV=1
P60761	Nrgn	1.378599859	0.463203773	0.034200339	1.465969592	Neurogranin OS=Mus musculus GN=Nrgn PE=1 SV=1
P56399	Usp5	1.05292108	0.074397305	0.034810891	1.45828486	Ubiquitin carboxyl-terminal hydrolase 5 OS=Mus musculus GN=Usp5 PE=1 SV=1
Q3UH60	Dip2b	0.896587548	-0.157483631	0.034949008	1.456565151	Disco-interacting protein 2 homolog B OS=Mus musculus GN=Dip2b PE=1 SV=1
Q9Z268	Rasal1	1.161934302	0.216528498	0.035487228	1.449927918	RasGAP-activating-like protein 1 OS=Mus musculus GN=Rasal1 PE=2 SV=2
P28667	Marcksl1	1.268201988	0.342784543	0.035683438	1.447533304	MARCKS-related protein OS=Mus musculus GN=Marcksl1 PE=1 SV=2
P63328-2	Ppp3ca	0.914357526	-0.129169707	0.03589591	1.444955036	Isoform 2 of Serine/threonine-protein phosphatase 2B catalytic subunit alpha isoform OS=Mus musculus GN=Ppp3ca
P06837	Gap43	1.150324247	0.202040578	0.035902986	1.444869426	Neuromodulin OS=Mus musculus GN=Gap43 PE=1 SV=1
Q8BIE6	Frmd4a	1.417799856	0.503653888	0.036031075	1.443322779	FERM domain-containing protein 4A OS=Mus musculus GN=Frmd4a PE=1 SV=2
Q8K1X1	Wdr11	1.484012992	0.569503722	0.036223841	1.441005504	WD repeat-containing protein 11 OS=Mus musculus GN=Wdr11 PE=2 SV=1
O70252	Hmox2	1.042493011	0.060037712	0.036374401	1.439204153	Heme oxygenase 2 OS=Mus musculus GN=Hmox2 PE=2 SV=1
Q9CWE0	Mtfr1l	1.074134199	0.103174251	0.03640024	1.438895751	Mitochondrial fission regulator 1-like OS=Mus musculus GN=Mtfr1l PE=1 SV=1
P49710	Hcls1	1.19947493	0.262403004	0.036720702	1.435089025	Hematopoietic lineage cell-specific protein OS=Mus musculus GN=Hcls1 PE=1 SV=2
P62746	Rhob	1.082460939	0.114314966	0.036860585	1.433437778	Rho-related GTP-binding protein RhoB OS=Mus musculus GN=Rhob PE=1 SV=1
Q9JHR9-2	Nrip2	0.781096648	-0.356427025	0.03691888	1.432751478	Isoform 2 of Nuclear receptor-interacting protein 2 OS=Mus musculus GN=Nrip2
Q8BH66	Atl1	1.06290444	0.088011897	0.036982268	1.432006456	Atlastin-1 OS=Mus musculus GN=Atl1 PE=1 SV=1
P35123	Usp4	0.830735865	-0.267538254	0.037000183	1.431796133	Ubiquitin carboxyl-terminal hydrolase 4 OS=Mus musculus GN=Usp4 PE=1 SV=3
Q99K46	Usp11	0.830735865	-0.267538254	0.037000183	1.431796133	Ubiquitin carboxyl-terminal hydrolase 11 OS=Mus musculus GN=Usp11 PE=2 SV=4
Q6P542	Abcf1	1.369041084	0.453165742	0.037135535	1.430210318	ATP-binding cassette sub-family F member 1 OS=Mus musculus GN=Abcf1 PE=1 SV=1
Q9CR26	Vta1	1.103286806	0.141807877	0.03722268	1.429192361	Vacuolar protein sorting-associated protein VTA1 homolog OS=Mus musculus GN=Vta1 PE=1 SV=1
Q61171	Prdx2	0.947972354	-0.077083109	0.037231922	1.429084547	Peroxiredoxin-2 OS=Mus musculus GN=Prdx2 PE=1 SV=3
Q3TCN2	Plbd2	1.092426945	0.127536804	0.037829138	1.422173555	Putative phospholipase B-like 2 OS=Mus musculus GN=Plbd2 PE=1 SV=2
Q8BMG7	Rab3gap2	1.169156537	0.225468104	0.037907033	1.421280208	Rab3 GTPase-activating protein non-catalytic subunit OS=Mus musculus GN=Rab3gap2 PE=1 SV=2
P49817	Cav1	2.002836572	1.002044705	0.03798973	1.420333796	Caveolin-1 OS=Mus musculus GN=Cav1 PE=1 SV=1
Q8BWF0	Aldh5a1	0.937104598	-0.093718007	0.038069369	1.419424319	Succinate-semialdehyde dehydrogenase, mitochondrial OS=Mus musculus GN=Aldh5a1 PE=1 SV=1
Q9DBR1	Xrn2	0.663910336	-0.590939682	0.038475565	1.41481499	5'-3' exoribonuclease 2 OS=Mus musculus GN=Xrn2 PE=1 SV=1
Q8BTX9	Hsdl1	1.277391921	0.353201231	0.03880058	1.411161785	Inactive hydroxysteroid dehydrogenase-like protein 1 OS=Mus musculus GN=Hsdl1 PE=2 SV=1
Q9JLC8-3	Sacs	0.808749529	-0.306235127	0.038870036	1.410385054	Isoform 3 of Sacsin OS=Mus musculus GN=Sacs
Q6P4T2	Snrnp200	1.116316248	0.158745795	0.039630387	1.401971689	U5 small nuclear ribonucleoprotein 200 kDa helicase OS=Mus musculus GN=Snrnp200 PE=1 SV=1
Q8C129	Lnpep	1.239332824	0.309563677	0.03968739	1.401347459	Leucyl-cystinyl aminopeptidase OS=Mus musculus GN=Lnpep PE=1 SV=1
P36916-2	Gnl1	0.879870364	-0.184637115	0.04048313	1.392725915	Isoform 2 of Guanine nucleotide-binding protein-like 1 OS=Mus musculus GN=Gnl1
Q64518-3	Atp2a3	0.910436515	-0.135369674	0.040521922	1.392309963	Isoform SERCA3C of Sarcoplasmic/endoplasmic reticulum calcium ATPase 3 OS=Mus musculus GN=Atp2a3
P63276	Rps17	1.112899727	0.154323611	0.040693855	1.390471167	40S ribosomal protein S17 OS=Mus musculus GN=Rps17 PE=1 SV=2
P46460	Nsf	0.949539635	-0.074699874	0.04089323	1.388348583	Vesicle-fusing ATPase OS=Mus musculus GN=Nsf PE=1 SV=2
Q811I0	Atpaf1	0.81277701	-0.2990685	0.041106531	1.386089169	ATP synthase mitochondrial F1 complex assembly factor 1 OS=Mus musculus GN=Atpaf1 PE=2 SV=1
P62814	Atp6v1b2	1.115271262	0.157394653	0.04251016	1.371507265	V-type proton ATPase subunit B, brain isoform OS=Mus musculus GN=Atp6v1b2 PE=1 SV=1
Q99N95	Mrpl3	0.890282467	-0.167664951	0.042556653	1.371032534	39S ribosomal protein L3, mitochondrial OS=Mus musculus GN=Mrpl3 PE=2 SV=1
Q9WTT4	Atp6v1g2	1.098973196	0.136156199	0.042837302	1.368177895	V-type proton ATPase subunit G 2 OS=Mus musculus GN=Atp6v1g2 PE=2 SV=1
O08553	Dpysl2	1.041422281	0.058555178	0.043146592	1.365053506	Dihydropyrimidinase-related protein 2 OS=Mus musculus GN=Dpysl2 PE=1 SV=2
Q9ES28-6	Arhgef7	1.095719014	0.131877881	0.043343709	1.363073923	Isoform F of Rho guanine nucleotide exchange factor 7 OS=Mus musculus GN=Arhgef7
O88531	Ppt1	1.161843916	0.216416268	0.04337336	1.362776928	Palmitoyl-protein thioesterase 1 OS=Mus musculus GN=Ppt1 PE=2 SV=2
Q8VDQ8	Sirt2	0.904305032	-0.145118604	0.043429529	1.362214877	NAD-dependent protein deacetylase sirtuin-2 OS=Mus musculus GN=Sirt2 PE=1 SV=2
Q9D7N9	Apmap	1.090907818	0.125529198	0.043449173	1.362018482	Adipocyte plasma membrane-associated protein OS=Mus musculus GN=Apmap PE=1 SV=1
Q922F4	Tubb6	1.055642788	0.078121734	0.043817045	1.358356919	Tubulin beta-6 chain OS=Mus musculus GN=Tubb6 PE=1 SV=1
Q8R0H9	Gga1	1.144971567	0.195311773	0.043874048	1.357792296	ADP-ribosylation factor-binding protein GGA1 OS=Mus musculus GN=Gga1 PE=1 SV=1
P42669	Pura	0.864699366	-0.209729463	0.044053036	1.356024151	Transcriptional activator protein Pur-alpha OS=Mus musculus GN=Pura PE=1 SV=1
P11627	L1cam	1.081240925	0.112688024	0.044088127	1.355678355	Neural cell adhesion molecule L1 OS=Mus musculus GN=L1cam PE=1 SV=1
Q8VCR2	Hsd17b13	1.268639533	0.343282205	0.044472817	1.351905356	17-beta-hydroxysteroid dehydrogenase 13 OS=Mus musculus GN=Hsd17b13 PE=1 SV=2
B7ZMP1	Xpnpep3	0.693809312	-0.52738889	0.044666158	1.350021406	Probable Xaa-Pro aminopeptidase 3 OS=Mus musculus GN=Xpnpep3 PE=2 SV=1
Q91Z96	Bmp2k	1.190024992	0.250991872	0.044750336	1.349203704	BMP-2-inducible protein kinase OS=Mus musculus GN=Bmp2k PE=1 SV=1
P18052	Ptpra	1.163892068	0.218957278	0.044936219	1.347403476	Receptor-type tyrosine-protein phosphatase alpha OS=Mus musculus GN=Ptpra PE=1 SV=3
Q9Z2I9	Sucla2	0.944258488	-0.082746247	0.04569791	1.340103666	Succinyl-CoA ligase [ADP-forming] subunit beta, mitochondrial OS=Mus musculus GN=Sucla2 PE=1 SV=2
Q9JKK1	Stx6	0.923007243	-0.115586125	0.046050863	1.336762225	Syntaxin-6 OS=Mus musculus GN=Stx6 PE=1 SV=1
Q99M71	Epdr1	0.902562064	-0.147901954	0.046238142	1.334999621	Mammalian ependymin-related protein 1 OS=Mus musculus GN=Epdr1 PE=2 SV=1
Q91V92	Acly	0.931049029	-0.103070953	0.046363972	1.333819368	ATP-citrate synthase OS=Mus musculus GN=Acly PE=1 SV=1
Q8R3F5	Mcat	1.189141235	0.249920075	0.046420925	1.333286212	Malonyl-CoA-acyl carrier protein transacylase, mitochondrial OS=Mus musculus GN=Mcat PE=1 SV=3
Q9DCZ1	Gmpr	1.082871071	0.114861483	0.046840551	1.329378	GMP reductase 1 OS=Mus musculus GN=Gmpr PE=2 SV=1
Q64487-11	Ptprd	1.088201923	0.121946282	0.046897645	1.328848966	Isoform K of Receptor-type tyrosine-protein phosphatase delta OS=Mus musculus GN=Ptprd
Q8CGF6	Wdr47	1.079974002	0.110996583	0.047034357	1.327584787	WD repeat-containing protein 47 OS=Mus musculus GN=Wdr47 PE=1 SV=2
Q64514	Tpp2	0.91508361	-0.128024529	0.04707121	1.327244635	Tripeptidyl-peptidase 2 OS=Mus musculus GN=Tpp2 PE=1 SV=3
P46662	Nf2	0.900008874	-0.151988869	0.047074222	1.327216853	Merlin OS=Mus musculus GN=Nf2 PE=1 SV=2
Q99P58	Rab27b	0.807563902	-0.308351672	0.047086331	1.327105153	Ras-related protein Rab-27B OS=Mus musculus GN=Rab27b PE=1 SV=3
Q8C181-3	Mbnl2	0.883545806	-0.178623164	0.047145027	1.326564107	Isoform 3 of Muscleblind-like protein 2 OS=Mus musculus GN=Mbnl2
Q5DQR4-5	Stxbp5l	1.186717526	0.246976571	0.04715277	1.326492794	Isoform 5 of Syntaxin-binding protein 5-like OS=Mus musculus GN=Stxbp5l
P97449	Anpep	0.737854152	-0.438592421	0.047411002	1.324120864	Aminopeptidase N OS=Mus musculus GN=Anpep PE=1 SV=4
Q01853	Vcp	1.073025933	0.101684943	0.047532529	1.323009079	Transitional endoplasmic reticulum ATPase OS=Mus musculus GN=Vcp PE=1 SV=4
D3YZP9	Ccdc6	1.232787452	0.301924083	0.048035465	1.318438001	Coiled-coil domain-containing protein 6 OS=Mus musculus GN=Ccdc6 PE=1 SV=1
Q04447	Ckb	0.919233191	-0.121497204	0.048045298	1.318349112	Creatine kinase B-type OS=Mus musculus GN=Ckb PE=1 SV=1
P15209	Ntrk2	0.937528156	-0.093066077	0.048189883	1.317044128	BDNF/NT-3 growth factors receptor OS=Mus musculus GN=Ntrk2 PE=1 SV=1
Q9Z2Q6	Sept5	1.082542692	0.114423921	0.048301057	1.316043364	Septin-5 OS=Mus musculus GN=Sept5 PE=1 SV=2
Q9D8W7	Ociad2	0.892921589	-0.163394604	0.048585563	1.313492761	OCIA domain-containing protein 2 OS=Mus musculus GN=Ociad2 PE=1 SV=1
Q9CWZ3	Rbm8a	1.084239996	0.116684132	0.048853838	1.31110131	RNA-binding protein 8A OS=Mus musculus GN=Rbm8a PE=1 SV=3
A2AQ25	Skt	0.903708548	-0.146070526	0.049400811	1.306265923	Sickle tail protein OS=Mus musculus GN=Skt PE=1 SV=1
Q5F2E8	Taok1	0.914683604	-0.128655304	0.049479094	1.305578262	Serine/threonine-protein kinase TAO1 OS=Mus musculus GN=Taok1 PE=1 SV=1
P63280	Ube2i	0.90928461	-0.13719616	0.049859895	1.302248636	SUMO-conjugating enzyme UBC9 OS=Mus musculus GN=Ube2i PE=1 SV=1
Q80U23-3	Snph	0.828491812	-0.271440656	0.049944505	1.30151229	Isoform 3 of Syntaphilin OS=Mus musculus GN=Snph
Q9ER00	Stx12	1.08279375	0.114758465	0.050116966	1.30001523	Syntaxin-12 OS=Mus musculus GN=Stx12 PE=1 SV=1
Q9D832	Dnajb4	1.177935637	0.236260712	0.051045414	1.292043273	DnaJ homolog subfamily B member 4 OS=Mus musculus GN=Dnajb4 PE=2 SV=1
Q91VD9	Ndufs1	0.919618708	-0.12089228	0.051484586	1.288322776	NADH-ubiquinone oxidoreductase 75 kDa subunit, mitochondrial OS=Mus musculus GN=Ndufs1 PE=1 SV=2
Q9D6F9	Tubb4a	1.053658563	0.075407439	0.051710135	1.286424327	Tubulin beta-4A chain OS=Mus musculus GN=Tubb4a PE=1 SV=3
Q6P9K8-4	Caskin1	0.804765083	-0.313360385	0.051981794	1.284148733	Isoform 4 of Caskin-1 OS=Mus musculus GN=Caskin1
P63328	Ppp3ca	0.925802153	-0.111224177	0.052333064	1.281223841	Serine/threonine-protein phosphatase 2B catalytic subunit alpha isoform OS=Mus musculus GN=Ppp3ca PE=1 SV=1
Q64487-3	Ptprd	1.078882164	0.109537302	0.052375405	1.280872602	Isoform B of Receptor-type tyrosine-protein phosphatase delta OS=Mus musculus GN=Ptprd
Q8BL66	Eea1	1.174698172	0.232290117	0.052492018	1.279906727	Early endosome antigen 1 OS=Mus musculus GN=Eea1 PE=1 SV=2
Q8BSZ2	Ap3s2	0.765650107	-0.385242847	0.052509563	1.279761597	AP-3 complex subunit sigma-2 OS=Mus musculus GN=Ap3s2 PE=1 SV=1
Q9D883	U2af1	0.834978826	-0.260188482	0.052584759	1.27914011	Splicing factor U2AF 35 kDa subunit OS=Mus musculus GN=U2af1 PE=1 SV=4
Q9DAR7	Dcps	0.79521693	-0.330579623	0.05263222	1.278748307	m7GpppX diphosphatase OS=Mus musculus GN=Dcps PE=1 SV=1
Q8BRT1-5	Clasp2	1.060543536	0.084803846	0.052749918	1.277778214	Isoform 2 of CLIP-associating protein 2 OS=Mus musculus GN=Clasp2
Q9CXW4	Rpl11	0.864528344	-0.21001483	0.053029221	1.27548475	60S ribosomal protein L11 OS=Mus musculus GN=Rpl11 PE=1 SV=4
Q80XL6	Acad11	0.892885356	-0.163453145	0.053074032	1.275117921	Acyl-CoA dehydrogenase family member 11 OS=Mus musculus GN=Acad11 PE=1 SV=2
Q8JZS0	Lin7a	0.95096468	-0.072536336	0.053173424	1.274305373	Protein lin-7 homolog A OS=Mus musculus GN=Lin7a PE=1 SV=2
P11798	Camk2a	0.927378874	-0.108769232	0.053224874	1.273885361	Calcium/calmodulin-dependent protein kinase type II subunit alpha OS=Mus musculus GN=Camk2a PE=1 SV=2
Q921F4-4	Hnrnpll	1.116117601	0.158489047	0.053529452	1.271407204	Isoform 2 of Heterogeneous nuclear ribonucleoprotein L-like OS=Mus musculus GN=Hnrnpll
Q80YX1	Tnc	0.643962297	-0.634951873	0.053605687	1.270789134	Tenascin OS=Mus musculus GN=Tnc PE=1 SV=1
P19157	Gstp1	1.066006953	0.092216849	0.053713635	1.269915457	Glutathione S-transferase P 1 OS=Mus musculus GN=Gstp1 PE=1 SV=2
O88441	Mtx2	1.099373162	0.136681166	0.053883981	1.268540325	Metaxin-2 OS=Mus musculus GN=Mtx2 PE=1 SV=1
P14152	Mdh1	0.908984911	-0.137671749	0.054444806	1.264043544	Malate dehydrogenase, cytoplasmic OS=Mus musculus GN=Mdh1 PE=1 SV=3
Q6ZWN5	Rps9	0.939724397	-0.089690391	0.054471185	1.263833176	40S ribosomal protein S9 OS=Mus musculus GN=Rps9 PE=1 SV=3
Q6P9K8-3	Caskin1	0.909856909	-0.13628842	0.055715878	1.254021021	Isoform 3 of Caskin-1 OS=Mus musculus GN=Caskin1
Q8BGT6	Micall1	0.854842231	-0.226269913	0.05579145	1.25343235	MICAL-like protein 1 OS=Mus musculus GN=Micall1 PE=1 SV=3

Accession	Gene	Fold Change (KO vs. WT)	Log2 Fold Change	Students T Test	-Log10 T Test	Description
Q91Y97	Aldob	0.802050774	-0.318234526	0.056088382	1.251127084	Fructose-bisphosphate aldolase B OS=Mus musculus GN=Aldob PE=1 SV=3
Q9Z0P4	Palm	1.056299074	0.079018369	0.05625725	1.249821497	Paralemmin-1 OS=Mus musculus GN=Palm PE=1 SV=1
Q0KL01	Ubxn2b	1.248928273	0.320690624	0.056385841	1.248829941	UBX domain-containing protein 2B OS=Mus musculus GN=Ubxn2b PE=1 SV=2
Q91XM9-5	Dlg2	1.093828679	0.129386794	0.056582525	1.247317676	Isoform 5 of Disks large homolog 2 OS=Mus musculus GN=Dlg2
Q8CIQ7	Dock3	1.270532891	0.345433724	0.057114698	1.243252117	Dedicator of cytokinesis protein 3 OS=Mus musculus GN=Dock3 PE=1 SV=1
Q9WVE8	Pacsin2	0.895959557	-0.158494483	0.057129591	1.243138887	Protein kinase C and casein kinase substrate in neurons protein 2 OS=Mus musculus GN=Pacsin2 PE=1 SV=1
P47754	Capza2	1.083446059	0.115627329	0.057254082	1.242193548	F-actin-capping protein subunit alpha-2 OS=Mus musculus GN=Capza2 PE=1 SV=3
Q8K3G9	Appl2	1.151194872	0.203132071	0.057526072	1.24013528	DCC-interacting protein 13-beta OS=Mus musculus GN=Appl2 PE=2 SV=1
Q8C8R3-6	Ank2	1.107280839	0.147021178	0.05789648	1.237347838	Isoform 6 of Ankyrin-2 OS=Mus musculus GN=Ank2
P97300-4	Nptn	0.896389674	-0.157802065	0.05804597	1.236227925	Isoform 4 of Neuroplastin OS=Mus musculus GN=Nptn
Q9DC50	Crot	0.949283449	-0.075089165	0.058122689	1.235654301	Peroxisomal carnitine O-octanoyltransferase OS=Mus musculus GN=Crot PE=1 SV=1
O88487	Dync1i2	1.138349246	0.186943245	0.058360168	1.233883465	Cytoplasmic dynein 1 intermediate chain 2 OS=Mus musculus GN=Dync1i2 PE=1 SV=1
P29595	Nedd8	1.067697606	0.094503104	0.058362973	1.233862592	NEDD8 OS=Mus musculus GN=Nedd8 PE=1 SV=2
O88456	Capns1	0.849789262	-0.234822981	0.058603308	1.232077866	Calpain small subunit 1 OS=Mus musculus GN=Capns1 PE=2 SV=1
O35945	Aldh1a7	0.730655891	-0.452735979	0.058899898	1.229885454	Aldehyde dehydrogenase, cytosolic 1 OS=Mus musculus GN=Aldh1a7 PE=2 SV=1
Q80VC9	Camsap3	0.855263138	-0.225559733	0.059213309	1.227580665	Calmodulin-regulated spectrin-associated protein 3 OS=Mus musculus GN=Camsap3 PE=1 SV=1
Q6IR34-3	Gpsm1	1.329066996	0.41041383	0.059469599	1.225704992	Isoform 3 of G-protein-signaling modulator 1 OS=Mus musculus GN=Gpsm1
Q9EPN1-3	Nbea	0.935222577	-0.096618336	0.060062571	1.22139608	Isoform 3 of Neurobeachin OS=Mus musculus GN=Nbea
Q9D0R8	Lsm12	1.152129675	0.204303105	0.060709363	1.216744323	Protein LSM12 homolog OS=Mus musculus GN=Lsm12 PE=1 SV=1
P12960	Cntn1	1.053433269	0.075098928	0.060845543	1.215771228	Contactin-1 OS=Mus musculus GN=Cntn1 PE=1 SV=1
Q8VEH6	Cbwd1	0.593058854	-0.753752813	0.060925998	1.215197349	COBW domain-containing protein 1 OS=Mus musculus GN=Cbwd1 PE=2 SV=1
Q6PGF7	Exoc8	1.1694639	0.225847328	0.06181683	1.208893269	Exocyst complex component 8 OS=Mus musculus GN=Exoc8 PE=1 SV=1
Q9CYR0	Ssbp1	1.135173624	0.182912974	0.0618257	1.208830955	Single-stranded DNA-binding protein, mitochondrial OS=Mus musculus GN=Ssbp1 PE=1 SV=1
Q8BTI8-3	Srrm2	1.212090164	0.277497021	0.061961509	1.207878015	Isoform 3 of Serine/arginine repetitive matrix protein 2 OS=Mus musculus GN=Srrm2
P24369	Ppib	0.895365771	-0.159450928	0.062204076	1.206181158	Peptidyl-prolyl cis-trans isomerase B OS=Mus musculus GN=Ppib PE=1 SV=2
Q99KJ8	Dctn2	1.051111393	0.071915569	0.062346842	1.20518554	Dynactin subunit 2 OS=Mus musculus GN=Dctn2 PE=1 SV=3
P57724	Pcbp4	0.855422971	-0.225290146	0.062419023	1.204683031	Poly(rC)-binding protein 4 OS=Mus musculus GN=Pcbp4 PE=2 SV=1
O88907	Pias1	0.45802244	-1.126509814	0.062439139	1.204543097	E3 SUMO-protein ligase PIAS1 OS=Mus musculus GN=Pias1 PE=1 SV=2
P01887	B2m	0.789272787	-0.341404087	0.062709841	1.202664303	Beta-2-microglobulin OS=Mus musculus GN=B2m PE=1 SV=2
Q8BZA9	Tigar	0.849080118	-0.236027404	0.062796541	1.202064275	Fructose-2,6-bisphosphatase TIGAR OS=Mus musculus GN=Tigar PE=1 SV=1
Q80YX1-3	Tnc	0.546468492	-0.87178978	0.063128278	1.199776059	Isoform 3 of Tenascin OS=Mus musculus GN=Tnc
Q9D4D4	Tktl2	0.840379765	-0.250886671	0.063299564	1.19859928	Transketolase-like protein 2 OS=Mus musculus GN=Tktl2 PE=2 SV=1
P26043	Rdx	0.922595281	-0.116230182	0.063603698	1.196517636	Radixin OS=Mus musculus GN=Rdx PE=1 SV=3
P47708	Rph3a	0.940013144	-0.089247165	0.063629629	1.196340609	Rabphilin-3A OS=Mus musculus GN=Rph3a PE=1 SV=2
Q8R395	Commd5	0.867958417	-0.204302169	0.06368824	1.195940755	COMM domain-containing protein 5 OS=Mus musculus GN=Commd5 PE=2 SV=1
Q9Z1N9-2	Unc13b	0.864982814	-0.209256626	0.063881542	1.194624611	Isoform 2 of Protein unc-13 homolog B OS=Mus musculus GN=Unc13b
Q8VDM6	Hnrnpul1	1.083887171	0.116214585	0.064050695	1.193476153	Heterogeneous nuclear ribonucleoprotein U-like protein 1 OS=Mus musculus GN=Hnrnpul1 PE=1 SV=1
P07310	Ckm	0.885998136	-0.174624431	0.064152598	1.192785749	Creatine kinase M-type OS=Mus musculus GN=Ckm PE=1 SV=1
P60469	Ppfia3	1.089668964	0.123889918	0.064200035	1.192464733	Liprin-alpha-3 OS=Mus musculus GN=Ppfia3 PE=1 SV=1
Q9DBH0	Wwp2	0.680018952	-0.556353141	0.064222853	1.192310407	NEDD4-like E3 ubiquitin-protein ligase WWP2 OS=Mus musculus GN=Wwp2 PE=1 SV=1
Q9WUA3-2	Pfkp	0.956605403	-0.064004155	0.064253601	1.192102527	Isoform 2 of 6-phosphofructokinase type C OS=Mus musculus GN=Pfkp
Q9ES28-4	Arhgef7	1.094148115	0.129808049	0.064491088	1.190500294	Isoform D of Rho guanine nucleotide exchange factor 7 OS=Mus musculus GN=Arhgef7
O54833	Csnk2a2	0.825802405	-0.276131474	0.064699889	1.189096461	Casein kinase II subunit alpha' OS=Mus musculus GN=Csnk2a2 PE=2 SV=1
Q8VHI6	Wasf3	1.109324984	0.149682074	0.064891312	1.187813443	Wiskott-Aldrich syndrome protein family member 3 OS=Mus musculus GN=Wasf3 PE=2 SV=1
Q6PFR5	Tra2a	1.155622971	0.208670787	0.065199365	1.185756634	Transformer-2 protein homolog alpha OS=Mus musculus GN=Tra2a PE=1 SV=1
Q9DCW4	Etfb	0.920047126	-0.120220335	0.065328264	1.184898881	Electron transfer flavoprotein subunit beta OS=Mus musculus GN=Etfb PE=1 SV=3
Q9D773	Mrpl2	0.859389678	-0.218615645	0.065536142	1.183519128	39S ribosomal protein L2, mitochondrial OS=Mus musculus GN=Mrpl2 PE=2 SV=1
Q9CQ69	Uqcrq	0.923371402	-0.115017043	0.065542836	1.183474769	Cytochrome b-c1 complex subunit 8 OS=Mus musculus GN=Uqcrq PE=1 SV=3
Q61037-4	Tsc2	1.110451351	0.151146189	0.065633758	1.182872729	Isoform C of Tuberin OS=Mus musculus GN=Tsc2
Q3TAS6	Emc10	1.108326095	0.148382418	0.06565916	1.182704679	ER membrane protein complex subunit 10 OS=Mus musculus GN=Emc10 PE=2 SV=2
Q8CI61	Bag4	1.114829887	0.156823585	0.065663888	1.182673407	BAG family molecular chaperone regulator 4 OS=Mus musculus GN=Bag4 PE=1 SV=2
Q3B7Z2-2	Osbp	1.158243283	0.211938315	0.065730861	1.18223068	Isoform 2 of Oxysterol-binding protein 1 OS=Mus musculus GN=Osbp
O88696	Clpp	1.115337258	0.157480021	0.066635162	1.176296542	Putative ATP-dependent Clp protease proteolytic subunit, mitochondrial OS=Mus musculus GN=Clpp PE=1 SV=1
Q9QZB7	Actr10	1.091985988	0.126954344	0.066721091	1.175736863	Actin-related protein 10 OS=Mus musculus GN=Actr10 PE=1 SV=2
Q922P8	Tmem132a	1.27201392	0.347114458	0.067231945	1.172424322	Transmembrane protein 132A OS=Mus musculus GN=Tmem132a PE=2 SV=2
P56395	Cyb5a	0.920502216	-0.1195069	0.067548114	1.170386774	Cytochrome b5 OS=Mus musculus GN=Cyb5a PE=1 SV=2
Q9CWF2	Tubb2b	1.079636024	0.11054502	0.068040472	1.167232682	Tubulin beta-2B chain OS=Mus musculus GN=Tubb2b PE=1 SV=1
Q7TMM9	Tubb2a	1.074642728	0.103857106	0.068238322	1.165971659	Tubulin beta-2A chain OS=Mus musculus GN=Tubb2a PE=1 SV=1
A2AQ25-3	Skt	0.903388134	-0.146582131	0.068672526	1.16321698	Isoform 3 of Sickle tail protein OS=Mus musculus GN=Skt
P28028	Braf	0.652935806	-0.614986935	0.068858315	1.16204361	Serine/threonine-protein kinase B-raf OS=Mus musculus GN=Braf PE=1 SV=3
Q9JI46	Nudt3	1.125292078	0.170299513	0.06927415	1.159428795	Diphosphoinositol polyphosphate phosphohydrolase 1 OS=Mus musculus GN=Nudt3 PE=1 SV=1
Q924T2	Mrps2	1.174435869	0.231967936	0.069308018	1.159216521	28S ribosomal protein S2, mitochondrial OS=Mus musculus GN=Mrps2 PE=2 SV=1
Q9JIX8-3	Acin1	1.085199899	0.117960818	0.069759852	1.156394452	Isoform 3 of Apoptotic chromatin condensation inducer in the nucleus OS=Mus musculus GN=Acin1
Q8QZY9	Sf3b4	1.150868482	0.202722976	0.070408503	1.152374889	Splicing factor 3B subunit 4 OS=Mus musculus GN=Sf3b4 PE=2 SV=1
Q8R2Y8	Ptrh2	1.126458123	0.171793682	0.070526833	1.151645616	Peptidyl-tRNA hydrolase 2, mitochondrial OS=Mus musculus GN=Ptrh2 PE=2 SV=1
P70202	Lxn	1.102304683	0.140523048	0.070828452	1.149792249	Latexin OS=Mus musculus GN=Lxn PE=1 SV=2
Q3UVL4	Vps51	0.945670991	-0.080589753	0.071171976	1.147690974	Vacuolar protein sorting-associated protein 51 homolog OS=Mus musculus GN=Vps51 PE=2 SV=2
O35344	Kpna3	0.883929647	-0.177996547	0.071456025	1.145961147	Importin subunit alpha-4 OS=Mus musculus GN=Kpna3 PE=1 SV=1
Q80TE7	Lrrc7	0.855499674	-0.22516079	0.071485601	1.14578143	Leucine-rich repeat-containing protein 7 OS=Mus musculus GN=Lrrc7 PE=1 SV=2
Q9JKK7	Tmod2	1.063705248	0.089098436	0.071708549	1.144429063	Tropomodulin-2 OS=Mus musculus GN=Tmod2 PE=1 SV=2
Q9CQ22	Lamtor1	1.078203624	0.108629664	0.07186822	1.143463114	Ragulator complex protein LAMTOR1 OS=Mus musculus GN=Lamtor1 PE=1 SV=1
O35215	Ddt	1.05468144	0.076807308	0.072118432	1.141953723	D-dopachrome decarboxylase OS=Mus musculus GN=Ddt PE=1 SV=3
P0DI97	Nrxn1	1.077687764	0.10793925	0.072403894	1.140238076	Neurexin-1-beta OS=Mus musculus GN=Nrxn1 PE=1 SV=1
Q3UQ44	Iqgap2	0.277230719	-1.850840968	0.072642232	1.13881082	Ras GTPase-activating-like protein IQGAP2 OS=Mus musculus GN=Iqgap2 PE=1 SV=2
Q8K012	Fnbp1l	1.222675273	0.290041294	0.07282672	1.137709252	Formin-binding protein 1-like OS=Mus musculus GN=Fnbp1l PE=1 SV=2
Q6PF93	Pik3c3	0.908167903	-0.138969046	0.07284057	1.137626667	Phosphatidylinositol 3-kinase catalytic subunit type 3 OS=Mus musculus GN=Pik3c3 PE=1 SV=1
Q922H2	Pdk3	0.86523	-0.208844406	0.073033213	1.136479593	[Pyruvate dehydrogenase (acetyl-transferring)] kinase isozyme 3, mitochondrial OS=Mus musculus GN=Pdk3 PE=1 SV=1
O54991	Cntnap1	0.871119414	-0.199057596	0.073049918	1.136380266	Contactin-associated protein 1 OS=Mus musculus GN=Cntnap1 PE=2 SV=2
Q8VIJ6	Sfpq	0.955043935	-0.066360992	0.073130145	1.135903564	Splicing factor, proline- and glutamine-rich OS=Mus musculus GN=Sfpq PE=1 SV=1
Q80VP0	Tecpr1	1.411525778	0.497255476	0.073156491	1.135747134	Tectonin beta-propeller repeat-containing protein 1 OS=Mus musculus GN=Tecpr1 PE=2 SV=1
Q9EPN1	Nbea	0.95831726	-0.061424741	0.073174587	1.135639717	Neurobeachin OS=Mus musculus GN=Nbea PE=2 SV=1
Q8C460-3	Eri3	1.087476187	0.12098381	0.07356219	1.133345349	Isoform 3 of ERI1 exoribonuclease 3 OS=Mus musculus GN=Eri3
Q60648	Gm2a	0.818998667	-0.288066991	0.073791297	1.131994856	Ganglioside GM2 activator OS=Mus musculus GN=Gm2a PE=1 SV=2
Q9QYH6	Maged1	1.16164884	0.216174016	0.073898315	1.131365462	Melanoma-associated antigen D1 OS=Mus musculus GN=Maged1 PE=1 SV=1
P56546	Ctbp2	1.096915532	0.133452436	0.074234399	1.129394805	C-terminal-binding protein 2 OS=Mus musculus GN=Ctbp2 PE=1 SV=2
Q9EQG9-3	Col4a3bp	0.745214466	-0.424272414	0.074283479	1.129107764	Isoform 3 of Collagen type IV alpha-3-binding protein OS=Mus musculus GN=Col4a3bp
Q9WVK8	Cyp46a1	0.953013563	-0.069431349	0.074409978	1.128368822	Cholesterol 24-hydroxylase OS=Mus musculus GN=Cyp46a1 PE=2 SV=1
A2AQ25-8	Skt	0.906076288	-0.142295571	0.074462607	1.128061762	Isoform 8 of Sickle tail protein OS=Mus musculus GN=Skt
P31230	Aimp1	0.914461329	-0.129005933	0.075047799	1.124662043	Aminoacyl tRNA synthase complex-interacting multifunctional protein 1 OS=Mus musculus GN=Aimp1 PE=1 SV=2
Q62425	Ndufa4	0.871073712	-0.199133287	0.075158856	1.124019837	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 4 OS=Mus musculus GN=Ndufa4 PE=1 SV=2
Q811S7	Ubp1	1.181178524	0.240227031	0.075330928	1.12302668	Upstream-binding protein 1 OS=Mus musculus GN=Ubp1 PE=1 SV=1
Q99JB8	Pacsin3	0.780724469	-0.357114609	0.075985631	1.119268528	Protein kinase C and casein kinase II substrate protein 3 OS=Mus musculus GN=Pacsin3 PE=1 SV=1
O88508	Dnmt3a	1.220989371	0.288050642	0.076388281	1.116973266	DNA (cytosine-5)-methyltransferase 3A OS=Mus musculus GN=Dnmt3a PE=1 SV=2
Q9D4H9-3	Phf14	0.746539358	-0.421709773	0.076554046	1.116031853	Isoform 3 of PHD finger protein 14 OS=Mus musculus GN=Phf14
Q8BQZ4-2	Ralgapb	0.840306547	-0.25101237	0.077072925	1.113098158	Isoform 2 of Ral GTPase-activating protein subunit beta OS=Mus musculus GN=Ralgapb
O35465	Fkbp8	1.063493524	0.088811248	0.077347893	1.111551512	Peptidyl-prolyl cis-trans isomerase FKBP8 OS=Mus musculus GN=Fkbp8 PE=1 SV=2
P61961	Ufm1	1.101927488	0.140029291	0.077974147	1.10804937	Ubiquitin-fold modifier 1 OS=Mus musculus GN=Ufm1 PE=1 SV=1
Q9D0J4	Arl2	1.309266263	0.388758526	0.07822438	1.106657868	ADP-ribosylation factor-like protein 2 OS=Mus musculus GN=Arl2 PE=1 SV=1
Q91VW3	Sh3bgrl3	1.203834499	0.267637067	0.078228693	1.106633926	SH3 domain-binding glutamic acid-rich-like protein 3 OS=Mus musculus GN=Sh3bgrl3 PE=1 SV=1
Q6IFX4	Krt39	0.791804051	-0.336784646	0.078436386	1.105482422	Keratin, type I cytoskeletal 39 OS=Mus musculus GN=Krt39 PE=2 SV=2
P57759	Erp29	0.939199361	-0.090496668	0.078862401	1.103130007	Endoplasmic reticulum resident protein 29 OS=Mus musculus GN=Erp29 PE=1 SV=2
Q05186	Rcn1	0.820994778	-0.284555049	0.078866366	1.10310817	Reticulocalbin-1 OS=Mus musculus GN=Rcn1 PE=1 SV=1
Q9Z1F9	Uba2	0.923710284	-0.114487665	0.078913666	1.102847779	SUMO-activating enzyme subunit 2 OS=Mus musculus GN=Uba2 PE=1 SV=1
Q9CQQ8	Lsm7	1.242609324	0.313372785	0.079074683	1.10196254	U6 snRNA-associated Sm-like protein LSm7 OS=Mus musculus GN=Lsm7 PE=3 SV=1
Q6PAL8	Dennd5a	0.806488149	-0.310274761	0.079116083	1.101735221	DENN domain-containing protein 5A OS=Mus musculus GN=Dennd5a PE=1 SV=1
Q9R0H0	Acox1	0.864675463	-0.209769344	0.079590762	1.099137337	Peroxisomal acyl-coenzyme A oxidase 1 OS=Mus musculus GN=Acox1 PE=1 SV=5
O55102	Bloc1s1	1.373934791	0.458313533	0.079845531	1.097749389	Biogenesis of lysosome-related organelles complex 1 subunit 1 OS=Mus musculus GN=Bloc1s1 PE=1 SV=2
Q9Z0H3	Smarcb1	1.240971445	0.311469919	0.080041402	1.096685313	SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily B member 1 OS=Mus musculus GN=Smarcb1 PE=1 SV=1
Q3V0K9	Pls1	0.842744273	-0.246833177	0.080115782	1.096281922	Plastin-1 OS=Mus musculus GN=Pls1 PE=2 SV=1
B9EKR1	Ptprz1	1.049308756	0.06943925	0.08036575	1.094928998	Receptor-type tyrosine-protein phosphatase zeta OS=Mus musculus GN=Ptprz1 PE=1 SV=1
Q9CWK8	Snx2	0.957484378	-0.062679146	0.080658348	1.093350677	Sorting nexin-2 OS=Mus musculus GN=Snx2 PE=1 SV=2
Q80ZJ6-3	Zer1	1.195497038	0.257610556	0.081074168	1.091117502	Isoform 3 of Protein zer-1 homolog OS=Mus musculus GN=Zer1
Q9WUB3	Pygm	0.922388945	-0.116552872	0.081146436	1.090730551	Glycogen phosphorylase, muscle form OS=Mus musculus GN=Pygm PE=1 SV=3
Q99N93	Mrpl16	1.135428889	0.183237354	0.081154478	1.09068751	39S ribosomal protein L16, mitochondrial OS=Mus musculus GN=Mrpl16 PE=2 SV=1
Q9CZ44-2	Nsfl1c	1.165231065	0.220616069	0.081226348	1.090303071	Isoform 2 of NSFL1 cofactor p47 OS=Mus musculus GN=Nsfl1c
P57776-2	Eef1d	1.053195827	0.07477371	0.081451741	1.089099629	Isoform 2 of Elongation factor 1-delta OS=Mus musculus GN=Eef1d
Q9CX86	Hnrnpa0	1.125870147	0.171040443	0.081631001	1.088144878	Heterogeneous nuclear ribonucleoprotein A0 OS=Mus musculus GN=Hnrnpa0 PE=1 SV=1

Accession	Gene	Fold Change (KO vs. WT)	Log2 Fold Change	Students T Test	-Log10 T Test	Description
Q9CQ91	Ndufa3	0.9107664	-0.134847026	0.082105746	1.085626447	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 3 OS=Mus musculus GN=Ndufa3 PE=1 SV=1
Q3UHB8	Ccdc177	0.91348069	-0.130553863	0.082554854	1.083257385	Coiled-coil domain-containing protein 177 OS=Mus musculus GN=Ccdc177 PE=1 SV=1
Q8K2D3	Edc3	1.231855504	0.300833039	0.083502229	1.078301933	Enhancer of mRNA-decapping protein 3 OS=Mus musculus GN=Edc3 PE=1 SV=1
Q9R1R2	Trim3	1.087259693	0.12069657	0.084070893	1.075354338	Tripartite motif-containing protein 3 OS=Mus musculus GN=Trim3 PE=1 SV=1
Q9Z2U1	Psma5	1.090645606	0.125182389	0.084696739	1.072133313	Proteasome subunit alpha type-5 OS=Mus musculus GN=Psma5 PE=1 SV=1
Q8R1Y2		2.231949371	1.158304302	0.08508159	1.070164404	Uncharacterized protein C16orf45 homolog OS=Mus musculus PE=2 SV=1
P31324	Prkar2b	0.944054063	-0.083058614	0.085304306	1.069029045	cAMP-dependent protein kinase type II-beta regulatory subunit OS=Mus musculus GN=Prkar2b PE=1 SV=3
P10493	Nid1	0.91163127	-0.133477683	0.085674323	1.067149319	Nidogen-1 OS=Mus musculus GN=Nid1 PE=1 SV=2
Q8C078-3	Camkk2	0.892060045	-0.164787272	0.085706865	1.066984389	Isoform 3 of Calcium/calmodulin-dependent protein kinase kinase 2 OS=Mus musculus GN=Camkk2
Q8R550-8	Sh3kbp1	0.93083575	-0.103401475	0.086683851	1.062061805	Isoform 8 of SH3 domain-containing kinase-binding protein 1 OS=Mus musculus GN=Sh3kbp1
P55096	Abcd3	0.865707593	-0.208048282	0.086708397	1.061938842	ATP-binding cassette sub-family D member 3 OS=Mus musculus GN=Abcd3 PE=1 SV=2
Q9CZU3	Skiv2l2	0.81055399	-0.30301981	0.0867719	1.061620893	Superkiller viralicidic activity 2-like 2 OS=Mus musculus GN=Skiv2l2 PE=1 SV=1
Q9WUM3	Coro1b	0.92558988	-0.111555004	0.086817302	1.061393716	Coronin-1B OS=Mus musculus GN=Coro1b PE=1 SV=1
Q80U95	Ube3c	0.818521437	-0.288907893	0.086892545	1.061017485	Ubiquitin-protein ligase E3C OS=Mus musculus GN=Ube3c PE=2 SV=2
Q8BGB7-2	Enoph1	0.936831725	-0.094138163	0.087514618	1.057919398	Isoform 2 of Enolase-phosphatase E1 OS=Mus musculus GN=Enoph1
Q9JKS5	Habp4	0.871513053	-0.198405822	0.088034051	1.055349314	Intracellular hyaluronan-binding protein 4 OS=Mus musculus GN=Habp4 PE=1 SV=2
Q9JLQ2	Git2	1.04427517	0.062501917	0.088082196	1.055111865	ARF GTPase-activating protein GIT2 OS=Mus musculus GN=Git2 PE=1 SV=2
Q9D8S5	Uqcrb	0.933035543	-0.099996055	0.088574461	1.052691484	Cytochrome b-c1 complex subunit 7 OS=Mus musculus GN=Uqcrb PE=1 SV=3
Q9CQN1	Trap1	0.912037622	-0.132834757	0.088714167	1.052007019	Heat shock protein 75 kDa, mitochondrial OS=Mus musculus GN=Trap1 PE=1 SV=1
Q62108-3	Dlg4	0.933302881	-0.099582746	0.088767317	1.051746906	Isoform 3 of Disks large homolog 4 OS=Mus musculus GN=Dlg4
O35083	Agpat1	0.843655335	-0.245274371	0.089199233	1.049638881	1-acyl-sn-glycerol-3-phosphate acyltransferase alpha OS=Mus musculus GN=Agpat1 PE=2 SV=1
Q3UHD9-2	Agap2	0.926586661	-0.110002182	0.089274148	1.049274287	Isoform 2 of Arf-GAP with GTPase, ANK repeat and PH domain-containing protein 2 OS=Mus musculus GN=Agap2
O35526	Stx1a	1.064245517	0.089831014	0.089302887	1.049134501	Syntaxin-1A OS=Mus musculus GN=Stx1a PE=1 SV=3
Q9D8P4	Mrpl17	2.472110269	1.305743096	0.089567236	1.047850828	39S ribosomal protein L17, mitochondrial OS=Mus musculus GN=Mrpl17 PE=1 SV=1
Q6PB44	Ptpn23	1.096377729	0.132744928	0.089797858	1.046734025	Tyrosine-protein phosphatase non-receptor type 23 OS=Mus musculus GN=Ptpn23 PE=1 SV=2
O35136	Ncam2	0.94449317	-0.082387731	0.090351986	1.044062296	Neural cell adhesion molecule 2 OS=Mus musculus GN=Ncam2 PE=2 SV=1
Q99NE5-2	Rims1	1.135197738	0.18294362	0.090359376	1.044026775	Isoform 2 of Regulating synaptic membrane exocytosis protein 1 OS=Mus musculus GN=Rims1
Q91WT9	Cbs	1.11015849	0.150765656	0.090722588	1.042284568	Cystathionine beta-synthase OS=Mus musculus GN=Cbs PE=2 SV=3
Q8BGB7	Enoph1	0.938849613	-0.091034013	0.091896119	1.036702831	Enolase-phosphatase E1 OS=Mus musculus GN=Enoph1 PE=2 SV=1
Q9DBS5	Klc4	0.716508555	-0.480944166	0.091991918	1.036250325	Kinesin light chain 4 OS=Mus musculus GN=Klc4 PE=1 SV=1
Q9CQC9	Sar1b	0.866443515	-0.206822394	0.092599737	1.033390247	GTP-binding protein SAR1b OS=Mus musculus GN=Sar1b PE=1 SV=1
P10711	Tcea1	0.799979248	-0.321965519	0.093096703	1.031065698	Transcription elongation factor A protein 1 OS=Mus musculus GN=Tcea1 PE=1 SV=2
Q9QYI3	Dnajc7	1.078996681	0.109690427	0.093112817	1.030990534	DnaJ homolog subfamily C member 7 OS=Mus musculus GN=Dnajc7 PE=1 SV=2
Q9R0N0	Galk1	0.470457289	-1.087864343	0.093183283	1.030661995	Galactokinase OS=Mus musculus GN=Galk1 PE=2 SV=2
Q8VHL1	Setd7	0.924787715	-0.112805861	0.093342891	1.029918753	Histone-lysine N-methyltransferase SETD7 OS=Mus musculus GN=Setd7 PE=2 SV=2
E9PUL5	Prrt2	1.357662128	0.441124491	0.093655714	1.028465721	Proline-rich transmembrane protein 2 OS=Mus musculus GN=Prrt2 PE=1 SV=1
Q9D0M5	Dynll2	0.895423414	-0.159358051	0.093858814	1.027524939	Dynein light chain 2, cytoplasmic OS=Mus musculus GN=Dynll2 PE=1 SV=1
Q9CXS4-2	Cenpv	1.119290778	0.16258488	0.093864516	1.027498554	Isoform 2 of Centromere protein V OS=Mus musculus GN=Cenpv
Q80TV8	Clasp1	1.097445958	0.134149898	0.093890752	1.027377182	CLIP-associating protein 1 OS=Mus musculus GN=Clasp1 PE=1 SV=2
Q8K4M5	Commd1	0.817132565	-0.291357946	0.09390195	1.027325389	COMM domain-containing protein 1 OS=Mus musculus GN=Commd1 PE=2 SV=2
Q62442	Vamp1	0.866264772	-0.207120046	0.093973976	1.026992397	Vesicle-associated membrane protein 1 OS=Mus musculus GN=Vamp1 PE=1 SV=1
Q3TIR3	Ric8a	1.069170749	0.096492274	0.094173047	1.026073377	Synembryn-A OS=Mus musculus GN=Ric8a PE=1 SV=2
P09041	Pgk2	0.916181982	-0.126293905	0.094630694	1.023967974	Phosphoglycerate kinase 2 OS=Mus musculus GN=Pgk2 PE=1 SV=4
P46425	Gstp2	1.096146233	0.132440276	0.09509619	1.021836883	Glutathione S-transferase P 2 OS=Mus musculus GN=Gstp2 PE=2 SV=2
P08551	Nefl	0.870207915	-0.200567956	0.095195879	1.021381853	Neurofilament light polypeptide OS=Mus musculus GN=Nefl PE=1 SV=5
P48428	Tbca	1.121354452	0.165242375	0.095366977	1.020601985	Tubulin-specific chaperone A OS=Mus musculus GN=Tbca PE=2 SV=3
A2CG49-5	Kalrn	0.930634231	-0.103713841	0.097107386	1.012747737	Isoform 5 of Kalirin OS=Mus musculus GN=Kalrn
Q99KK2	Cmas	1.116830023	0.15940963	0.097233918	1.012182216	N-acylneuraminate cytidylyltransferase OS=Mus musculus GN=Cmas PE=1 SV=2
Q9WV92-7	Epb41l3	0.937995708	-0.092346773	0.097323786	1.011781005	Isoform 7 of Band 4.1-like protein 3 OS=Mus musculus GN=Epb41l3
Q8CI32	Bag5	0.772497836	-0.372397204	0.097401545	1.011434156	BAG family molecular chaperone regulator 5 OS=Mus musculus GN=Bag5 PE=1 SV=1
Q9CQS4	Slc25a46	1.136927238	0.185139927	0.097787007	1.009718848	Solute carrier family 25 member 46 OS=Mus musculus GN=Slc25a46 PE=1 SV=1
Q3V3V9	Rltpr	1.256949711	0.329926931	0.098868921	1.004940205	Leucine-rich repeat-containing protein 16C OS=Mus musculus GN=Rltpr PE=2 SV=2
P00015	Cyct	0.763368006	-0.389549373	0.099033101	1.004219621	Cytochrome c, testis-specific OS=Mus musculus GN=Cyct PE=1 SV=3
P50172	Hsd11b1	0.820568818	-0.285303763	0.09919673	1.003502645	Corticosteroid 11-beta-dehydrogenase isozyme 1 OS=Mus musculus GN=Hsd11b1 PE=1 SV=3
P99024	Tubb5	1.078054964	0.108430735	0.099871352	1.000559071	Tubulin beta-5 chain OS=Mus musculus GN=Tubb5 PE=1 SV=1
P63044	Vamp2	1.160245466	0.214430059	0.100030995	0.999865413	Vesicle-associated membrane protein 2 OS=Mus musculus GN=Vamp2 PE=1 SV=2
P97825	Hn1	0.843995148	-0.24469339	0.100251893	0.998907419	Hematological and neurological expressed 1 protein OS=Mus musculus GN=Hn1 PE=1 SV=3
Q9D1P0	Mrpl13	1.355541208	0.438868972	0.100514151	0.997772793	39S ribosomal protein L13, mitochondrial OS=Mus musculus GN=Mrpl13 PE=2 SV=1
Q9D7B6	Acad8	1.301578421	0.380262238	0.100715887	0.996902018	Isobutyryl-CoA dehydrogenase, mitochondrial OS=Mus musculus GN=Acad8 PE=1 SV=2
Q9EQF6	Dpysl5	1.081988846	0.113685627	0.101061151	0.99541576	Dihydropyrimidinase-related protein 5 OS=Mus musculus GN=Dpysl5 PE=1 SV=1
Q9D2N4-4	Dtna	0.946677688	-0.079054774	0.101241573	0.994641118	Isoform 4 of Dystrobrevin alpha OS=Mus musculus GN=Dtna
Q8CAQ8	Immt	0.957721058	-0.062322572	0.101654938	0.992871522	Mitochondrial inner membrane protein OS=Mus musculus GN=Immt PE=1 SV=1
Q8CI43	Myl6b	0.865334447	-0.208670261	0.101684789	0.992744006	Myosin light chain 6B OS=Mus musculus GN=Myl6b PE=2 SV=1
Q8VBW6	Nae1	0.855191888	-0.225679927	0.102257013	0.990306898	NEDD8-activating enzyme E1 regulatory subunit OS=Mus musculus GN=Nae1 PE=1 SV=1
Q8C8R3-8	Ank2	1.099098424	0.136320585	0.102308662	0.990087594	Isoform 8 of Ankyrin-2 OS=Mus musculus GN=Ank2
P62897	Cycs	0.821052585	-0.284453471	0.102352189	0.989902866	Cytochrome c, somatic OS=Mus musculus GN=Cycs PE=1 SV=2
Q8CAQ8-5	Immt	0.957810584	-0.062187717	0.102546043	0.989081093	Isoform 5 of Mitochondrial inner membrane protein OS=Mus musculus GN=Immt
Q9CPU0	Glo1	0.957601473	-0.062502723	0.102844444	0.987819167	Lactoylglutathione lyase OS=Mus musculus GN=Glo1 PE=1 SV=3
Q7TSQ8	Pdpr	1.225566908	0.293449248	0.103000769	0.987159535	Pyruvate dehydrogenase phosphatase regulatory subunit, mitochondrial OS=Mus musculus GN=Pdpr PE=2 SV=1
Q4VAE3	Tmem65	0.839110228	-0.253067755	0.103088627	0.986789246	Transmembrane protein 65 OS=Mus musculus GN=Tmem65 PE=2 SV=1
Q0GA42	Cnnm1	1.730746269	0.791394238	0.103191749	0.986355026	Metal transporter CNNM1 OS=Mus musculus GN=Cnnm1 PE=1 SV=5
Q9EQG7	Enpp5	0.496639361	-1.009729488	0.103333723	0.985757923	Ectonucleotide pyrophosphatase/phosphodiesterase family member 5 OS=Mus musculus GN=Enpp5 PE=2 SV=3
Q9ESJ4	Nckipsd	1.143921149	0.19398761	0.103585151	0.984702498	NCK-interacting protein with SH3 domain OS=Mus musculus GN=Nckipsd PE=2 SV=2
P05063	Aldoc	0.941034926	-0.087679827	0.103613826	0.984582289	Fructose-bisphosphate aldolase C OS=Mus musculus GN=Aldoc PE=1 SV=4
P22599	Serpina1b	0.877862979	-0.18793232	0.103683655	0.984289701	Alpha-1-antitrypsin 1-2 OS=Mus musculus GN=Serpina1b PE=1 SV=2
O88704	Hcn1	0.894412232	-0.160988177	0.103839729	0.983636453	Potassium/sodium hyperpolarization-activated cyclic nucleotide-gated channel 1 OS=Mus musculus GN=Hcn1 PE=1 SV=1
Q9JKK7-2	Tmod2	1.087374031	0.120848279	0.104793413	0.979666017	Isoform 2 of Tropomodulin-2 OS=Mus musculus GN=Tmod2
Q9CQG1	Chac2	0.832434243	-0.264591782	0.105110261	0.978354887	Cation transport regulator-like protein 2 OS=Mus musculus GN=Chac2 PE=2 SV=1
Q8R164	Bphl	0.901251723	-0.149997982	0.105284817	0.977634254	Valacyclovir hydrolase OS=Mus musculus GN=Bphl PE=1 SV=1
Q6RHR9-3	Magi1	1.188484721	0.249123356	0.105757952	0.975686966	Isoform 3 of Membrane-associated guanylate kinase, WW and PDZ domain-containing protein 1 OS=Mus musculus GN=Magi1
Q61316	Hspa4	1.045395825	0.064049303	0.106167735	0.974007449	Heat shock 70 kDa protein 4 OS=Mus musculus GN=Hspa4 PE=1 SV=1
O88602	Cacng2	1.131105517	0.17773352	0.10624423	0.973694645	Voltage-dependent calcium channel gamma-2 subunit OS=Mus musculus GN=Cacng2 PE=1 SV=1
P56387	Dynlt3	1.22264684	0.290007744	0.106535288	0.972506514	Dynein light chain Tctex-type 3 OS=Mus musculus GN=Dynlt3 PE=1 SV=1
Q9D061	Acbd6	1.267650224	0.342156725	0.106692335	0.971866779	Acyl-CoA-binding domain-containing protein 6 OS=Mus musculus GN=Acbd6 PE=2 SV=2
Q9D871	Ceacam18	0.714338837	-0.485319535	0.106903568	0.971007801	Carcinoembryonic antigen-related cell adhesion molecule 18 OS=Mus musculus GN=Ceacam18 PE=2 SV=1
Q9CPP6	Ndufa5	0.882607507	-0.180156077	0.107484646	0.968653571	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 5 OS=Mus musculus GN=Ndufa5 PE=1 SV=3
P58064	Mrps6	1.183230865	0.242731591	0.107669154	0.967908699	28S ribosomal protein S6, mitochondrial OS=Mus musculus GN=Mrps6 PE=2 SV=3
Q05920	Pc	0.967450096	-0.04774085	0.108040518	0.966413341	Pyruvate carboxylase, mitochondrial OS=Mus musculus GN=Pc PE=1 SV=1
P97355	Sms	0.780127806	-0.358217598	0.108173879	0.965877595	Spermine synthase OS=Mus musculus GN=Sms PE=1 SV=1
Q99KK2-2	Cmas	1.084679471	0.117268781	0.108502485	0.964560316	Isoform 2 of N-acylneuraminate cytidylyltransferase OS=Mus musculus GN=Cmas
P15116	Cdh2	1.111048797	0.151922181	0.10873176	0.963643583	Cadherin-2 OS=Mus musculus GN=Cdh2 PE=1 SV=2
P97496	Smarcc1	0.797839156	-0.325830165	0.108743645	0.963596113	SWI/SNF complex subunit SMARCC1 OS=Mus musculus GN=Smarcc1 PE=1 SV=2
Q69Z26-2	Cntn4	1.085180947	0.117935623	0.108755442	0.963549003	Isoform 2 of Contactin-4 OS=Mus musculus GN=Cntn4
Q91ZM2-5	Sh2b1	0.784327613	-0.350471703	0.109768317	0.959522995	Isoform 5 of SH2B adapter protein 1 OS=Mus musculus GN=Sh2b1
Q9JMH9-5	Myo18a	1.073583282	0.102434111	0.110113536	0.958159293	Isoform 5 of Unconventional myosin-XVIIIa OS=Mus musculus GN=Myo18a
A2CG49-9	Kalrn	0.93890618	-0.09094709	0.110491002	0.956673089	Isoform 9 of Kalirin OS=Mus musculus GN=Kalrn
Q62465	Vat1	1.085665644	0.11857986	0.110546741	0.956454058	Synaptic vesicle membrane protein VAT-1 homolog OS=Mus musculus GN=Vat1 PE=1 SV=3
P57776	Eef1d	1.050849368	0.071555883	0.110609033	0.956209405	Elongation factor 1-delta OS=Mus musculus GN=Eef1d PE=1 SV=3
P57776-3	Eef1d	1.050849368	0.071555883	0.110609033	0.956209405	Isoform 3 of Elongation factor 1-delta OS=Mus musculus GN=Eef1d
Q80TV8-2	Clasp1	1.095071805	0.131025472	0.11066258	0.95599921	Isoform 2 of CLIP-associating protein 1 OS=Mus musculus GN=Clasp1
P62852	Rps25	0.932640084	-0.100607658	0.110671686	0.955963474	40S ribosomal protein S25 OS=Mus musculus GN=Rps25 PE=1 SV=1
Q9D061-3	Acbd6	1.282096407	0.358504749	0.110784935	0.955519294	Isoform 3 of Acyl-CoA-binding domain-containing protein 6 OS=Mus musculus GN=Acbd6
Q9CZ30	Ola1	0.929667068	-0.105213944	0.110909441	0.955031484	Obg-like ATPase 1 OS=Mus musculus GN=Ola1 PE=1 SV=1
Q80TI0-3	Gramd1b	0.827359171	-0.27341433	0.111437453	0.952968824	Isoform 3 of GRAM domain-containing protein 1B OS=Mus musculus GN=Gramd1b
P35282	Rab21	1.053760424	0.075546902	0.111578859	0.952418084	Ras-related protein Rab-21 OS=Mus musculus GN=Rab21 PE=1 SV=4
P48962	Slc25a4	0.938715881	-0.091239528	0.111622527	0.952248149	ADP/ATP translocase 1 OS=Mus musculus GN=Slc25a4 PE=1 SV=4
Q9CQW2	Arl8b	1.063044113	0.088201466	0.111658111	0.952109725	ADP-ribosylation factor-like protein 8B OS=Mus musculus GN=Arl8b PE=2 SV=1
Q6ZWR6-5	Syne1	0.93750165	-0.093106866	0.112162161	0.95015363	Isoform 5 of Nesprin-1 OS=Mus musculus GN=Syne1
Q8R081	Hnrnpl	1.038159871	0.054028628	0.112801017	0.947686986	Heterogeneous nuclear ribonucleoprotein L OS=Mus musculus GN=Hnrnpl PE=1 SV=2
Q61481-2	Pde1a	1.06003663	0.084114119	0.112890102	0.947344135	Isoform PDE1A1 of Calcium/calmodulin-dependent 3',5'-cyclic nucleotide phosphodiesterase 1A OS=Mus musculus GN=Pde1a
Q8BHS8-3	Sybu	0.783048839	-0.352825804	0.113564899	0.94475588	Isoform 3 of Syntabulin OS=Mus musculus GN=Sybu
Q9D6J5	Ndufb8	1.392822219	0.478011123	0.114050948	0.942901099	NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 8, mitochondrial OS=Mus musculus GN=Ndufb8 PE=1 SV=1
Q04736	Yes1	1.099208264	0.136464756	0.1141512	0.942519517	Tyrosine-protein kinase Yes OS=Mus musculus GN=Yes1 PE=1 SV=3
Q99MW1	Stk31	1.07464849	0.103864841	0.114421611	0.941491941	Serine/threonine-protein kinase 31 OS=Mus musculus GN=Stk31 PE=2 SV=2
Q3UHD9	Agap2	0.929636358	-0.105261601	0.1145443	0.941026516	Arf-GAP with GTPase, ANK repeat and PH domain-containing protein 2 OS=Mus musculus GN=Agap2 PE=2 SV=1
A2CG49-7	Kalrn	0.938124604	-0.092148537	0.114653212	0.940613775	Isoform 7 of Kalirin OS=Mus musculus GN=Kalrn
Q9DC71	Mrps15	0.827455393	-0.273246554	0.114871905	0.939786179	28S ribosomal protein S15, mitochondrial OS=Mus musculus GN=Mrps15 PE=2 SV=2

Accession	Gene	Fold Change (KO vs. WT)	Log2 Fold Change	Students T Test	-Log10 T Test	Description
P35235	Ptpn11	0.879847233	-0.184675044	0.115027445	0.939198526	Tyrosine-protein phosphatase non-receptor type 11 OS=Mus musculus GN=Ptpn11 PE=1 SV=2
P16390	Kcna3	0.784379602	-0.350376077	0.115142648	0.938763786	Potassium voltage-gated channel subfamily A member 3 OS=Mus musculus GN=Kcna3 PE=2 SV=3
O35136-2	Ncam2	0.945377566	-0.081037465	0.11517794	0.938630693	Isoform Short of Neural cell adhesion molecule 2 OS=Mus musculus GN=Ncam2
Q9QYB5	Add3	1.050922036	0.071655645	0.115509841	0.937381012	Gamma-adducin OS=Mus musculus GN=Add3 PE=1 SV=2
Q9Z1Z2	Strap	0.940724579	-0.088155696	0.115513282	0.937368078	Serine-threonine kinase receptor-associated protein OS=Mus musculus GN=Strap PE=1 SV=2
Q62095	Ddx3y	0.901394297	-0.149769772	0.11554403	0.93725249	ATP-dependent RNA helicase DDX3Y OS=Mus musculus GN=Ddx3y PE=1 SV=2
P10605	Ctsb	0.89954618	-0.152730748	0.115843398	0.936128713	Cathepsin B OS=Mus musculus GN=Ctsb PE=1 SV=2
Q3TWN3	Cnnm2	0.749303745	-0.416377433	0.116079471	0.935244579	Metal transporter CNNM2 OS=Mus musculus GN=Cnnm2 PE=1 SV=3
Q8VC30	Dak	1.106173318	0.145577448	0.116310661	0.934380476	Bifunctional ATP-dependent dihydroxyacetone kinase/FAD-AMP lyase (cyclizing) OS=Mus musculus GN=Dak PE=2 SV=1
Q8BPQ7	Sgsm1	1.121998883	0.16607124	0.116408119	0.934016729	Small G protein signaling modulator 1 OS=Mus musculus GN=Sgsm1 PE=2 SV=2
Q99JR8-2	Smarcd2	0.789763183	-0.340507981	0.116860885	0.93233083	Isoform 2 of SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily D member 2 OS=Mus musculus GN=Smarcd2
P62900	Rpl31	0.94395375	-0.08321192	0.117098803	0.931447542	60S ribosomal protein L31 OS=Mus musculus GN=Rpl31 PE=1 SV=1
O09131	Gsto1	0.883337852	-0.178962762	0.117267673	0.930821693	Glutathione S-transferase omega-1 OS=Mus musculus GN=Gsto1 PE=2 SV=2
Q9D967	Mdp1	1.126174653	0.171430586	0.117343678	0.930540304	Magnesium-dependent phosphatase 1 OS=Mus musculus GN=Mdp1 PE=1 SV=1
P12849	Prkar1b	1.042204727	0.059638704	0.117520116	0.929887789	cAMP-dependent protein kinase type I-beta regulatory subunit OS=Mus musculus GN=Prkar1b PE=2 SV=2
Q60854	Serpinb6	0.893264297	-0.162840995	0.117537459	0.929823704	Serpin B6 OS=Mus musculus GN=Serpinb6 PE=1 SV=1
Q80UU9	Pgrmc2	1.168067898	0.224124138	0.117743068	0.929064651	Membrane-associated progesterone receptor component 2 OS=Mus musculus GN=Pgrmc2 PE=1 SV=2
Q9DCL9	Paics	1.097158737	0.13377227	0.117881619	0.928553908	Multifunctional protein ADE2 OS=Mus musculus GN=Paics PE=1 SV=4
O70589	Cask	1.080663695	0.111917623	0.117890564	0.928520955	Peripheral plasma membrane protein CASK OS=Mus musculus GN=Cask PE=1 SV=2
Q8VDM4	Psmd2	1.038366299	0.054315466	0.118720442	0.925474496	26S proteasome non-ATPase regulatory subunit 2 OS=Mus musculus GN=Psmd2 PE=1 SV=1
Q9CQ54	Ndufc2	0.894375538	-0.161047365	0.118930238	0.924707711	NADH dehydrogenase [ubiquinone] 1 subunit C2 OS=Mus musculus GN=Ndufc2 PE=1 SV=1
Q9JHG6-3	Rcan1	1.070086315	0.097727172	0.119083221	0.924149427	Isoform C of Calcipressin-1 OS=Mus musculus GN=Rcan1
O70439	Stx7	1.12712378	0.17264596	0.119330758	0.923247599	Syntaxin-7 OS=Mus musculus GN=Stx7 PE=1 SV=3
Q9WU78-2	Pdcd6ip	0.930629673	-0.103720907	0.119339372	0.92321625	Isoform 2 of Programmed cell death 6-interacting protein OS=Mus musculus GN=Pdcd6ip
O08807	Prdx4	0.865443175	-0.208489	0.120487602	0.919057639	Peroxiredoxin-4 OS=Mus musculus GN=Prdx4 PE=1 SV=1
O54984	Asna1	1.131129389	0.177763968	0.120519017	0.91894442	ATPase Asna1 OS=Mus musculus GN=Asna1 PE=1 SV=2
O09044	Snap23	0.771741724	-0.373809987	0.120563545	0.91878399	Synaptosomal-associated protein 23 OS=Mus musculus GN=Snap23 PE=1 SV=1
Q9QYS9-3	Qki	0.922288934	-0.116709307	0.121134045	0.916733781	Isoform 3 of Protein quaking OS=Mus musculus GN=Qki
A2AJI0	Map7d1	0.913428133	-0.13063687	0.121305084	0.916120997	MAP7 domain-containing protein 1 OS=Mus musculus GN=Map7d1 PE=1 SV=1
O70589-4	Cask	1.078098828	0.108489434	0.121361928	0.915917534	Isoform 4 of Peripheral plasma membrane protein CASK OS=Mus musculus GN=Cask
Q8VH51-3	Rbm39	1.067336543	0.094015146	0.121606367	0.915043686	Isoform 3 of RNA-binding protein 39 OS=Mus musculus GN=Rbm39
Q61627	Grid1	1.217827806	0.284310159	0.122009931	0.91360482	Glutamate receptor ionotropic, delta-1 OS=Mus musculus GN=Grid1 PE=1 SV=2
Q8K0U4	Hspa12a	0.933910301	-0.098644105	0.122074082	0.913376533	Heat shock 70 kDa protein 12A OS=Mus musculus GN=Hspa12a PE=1 SV=1
P14873	Map1b	0.954824808	-0.066692044	0.122140013	0.91314204	Microtubule-associated protein 1B OS=Mus musculus GN=Map1b PE=1 SV=2
Q3TYX3	Smyd5	1.11308497	0.154563729	0.122165745	0.913050551	SET and MYND domain-containing protein 5 OS=Mus musculus GN=Smyd5 PE=2 SV=2
P02535-3	Krt10	2.454272036	1.295295169	0.122716198	0.911098108	Isoform 3 of Keratin, type I cytoskeletal 10 OS=Mus musculus GN=Krt10
Q9JJV2-3	Pfn2	0.920777251	-0.119075905	0.122801832	0.910795156	Isoform 3 of Profilin-2 OS=Mus musculus GN=Pfn2
Q811D0-3	Dlg1	1.037818082	0.053553577	0.123051327	0.9099137	Isoform 3 of Disks large homolog 1 OS=Mus musculus GN=Dlg1
Q00898	Serpina1e	0.820378739	-0.285637991	0.123644074	0.907826693	Alpha-1-antitrypsin 1-5 OS=Mus musculus GN=Serpina1e PE=1 SV=1
Q9EPU0	Upf1	0.85681144	-0.222950351	0.123752591	0.907445698	Regulator of nonsense transcripts 1 OS=Mus musculus GN=Upf1 PE=1 SV=2
P62889	Rpl30	1.064584418	0.090290355	0.124539999	0.904691144	60S ribosomal protein L30 OS=Mus musculus GN=Rpl30 PE=2 SV=2
Q99K01-2	Pdxdc1	1.310528717	0.390148967	0.124591839	0.904510403	Isoform 2 of Pyridoxal-dependent decarboxylase domain-containing protein 1 OS=Mus musculus GN=Pdxdc1
Q8BH95	Echs1	0.958757244	-0.060762522	0.125094024	0.902763438	Enoyl-CoA hydratase, mitochondrial OS=Mus musculus GN=Echs1 PE=1 SV=1
Q810U4-5	Nrcam	1.115303883	0.157436849	0.125100827	0.902739821	Isoform 5 of Neuronal cell adhesion molecule OS=Mus musculus GN=Nrcam
Q62351	Tfrc	0.89386083	-0.161877867	0.125314244	0.901999562	Transferrin receptor protein 1 OS=Mus musculus GN=Tfrc PE=1 SV=1
P60824	Cirbp	0.906542094	-0.141554084	0.125387937	0.901744243	Cold-inducible RNA-binding protein OS=Mus musculus GN=Cirbp PE=1 SV=1
Q91X51	Gorasp1	1.169793711	0.226254138	0.125657101	0.900812965	Golgi reassembly-stacking protein 1 OS=Mus musculus GN=Gorasp1 PE=1 SV=3
Q3TDD9	Ppp1r21	0.86498047	-0.209260536	0.125669696	0.900769434	Protein phosphatase 1 regulatory subunit 21 OS=Mus musculus GN=Ppp1r21 PE=2 SV=2
Q0VGT4		0.545717657	-0.873773371	0.125909594	0.899941176	Uncharacterized protein C4orf21 homolog OS=Mus musculus PE=2 SV=2
Q3UGR5-2	Hdhd2	1.089687993	0.123915112	0.126016327	0.899573183	Isoform 2 of Haloacid dehalogenase-like hydrolase domain-containing protein 2 OS=Mus musculus GN=Hdhd2
Q61527-3	Erbb4	1.136005268	0.183969525	0.126605143	0.897548652	Isoform JM-A CYT-2 of Receptor tyrosine-protein kinase erbB-4 OS=Mus musculus GN=Erbb4
Q8K0X8	Fez1	0.820798782	-0.284899505	0.126715224	0.897171204	Fasciculation and elongation protein zeta-1 OS=Mus musculus GN=Fez1 PE=1 SV=2
Q9D3A9	Ttyh1	0.839511626	-0.25237779	0.127022326	0.896119939	Protein tweety homolog 1 OS=Mus musculus GN=Ttyh1 PE=1 SV=1
P26041	Msn	0.9233246	-0.11509017	0.127422706	0.894753176	Moesin OS=Mus musculus GN=Msn PE=1 SV=3
Q6PGB6-3	Naa50	0.93357075	-0.099168734	0.1277761	0.893550372	Isoform 3 of N-alpha-acetyltransferase 50 OS=Mus musculus GN=Naa50
O88712	Ctbp1	1.106636953	0.146182005	0.128101552	0.892445608	C-terminal-binding protein 1 OS=Mus musculus GN=Ctbp1 PE=1 SV=2
Q91V81	Rbm42	1.220581891	0.287569091	0.128507391	0.891071895	RNA-binding protein 42 OS=Mus musculus GN=Rbm42 PE=1 SV=1
Q9D0E1	Hnrnpm	1.07025551	0.097955263	0.128987602	0.889452032	Heterogeneous nuclear ribonucleoprotein M OS=Mus musculus GN=Hnrnpm PE=1 SV=3
O89116	Vti1a	1.226050308	0.294018177	0.12912692	0.888983209	Vesicle transport through interaction with t-SNAREs homolog 1A OS=Mus musculus GN=Vti1a PE=1 SV=1
Q6PDG5	Smarcc2	0.811699815	-0.30098181	0.129687364	0.887102336	SWI/SNF complex subunit SMARCC2 OS=Mus musculus GN=Smarcc2 PE=1 SV=2
P54823	Ddx6	1.154323866	0.207048054	0.129709974	0.887026629	Probable ATP-dependent RNA helicase DDX6 OS=Mus musculus GN=Ddx6 PE=1 SV=1
P97792	Cxadr	1.150004053	0.201638945	0.130024364	0.885975262	Coxsackievirus and adenovirus receptor homolog OS=Mus musculus GN=Cxadr PE=1 SV=1
A6H611	Mipep	1.076708416	0.106627605	0.130169102	0.88549209	Mitochondrial intermediate peptidase OS=Mus musculus GN=Mipep PE=2 SV=1
O88343	Slc4a4	1.073195169	0.101912466	0.130474095	0.884475706	Electrogenic sodium bicarbonate cotransporter 1 OS=Mus musculus GN=Slc4a4 PE=1 SV=2
Q9QYS9-5	Qki	0.919541154	-0.121013952	0.131087714	0.882438009	Isoform 5 of Protein quaking OS=Mus musculus GN=Qki
Q8K4R4-3	Pitpnc1	0.900659591	-0.150946159	0.132598999	0.877459753	Isoform 3 of Cytoplasmic phosphatidylinositol transfer protein 1 OS=Mus musculus GN=Pitpnc1
P14231	Atp1b2	0.886624684	-0.173604567	0.132619602	0.877392281	Sodium/potassium-transporting ATPase subunit beta-2 OS=Mus musculus GN=Atp1b2 PE=1 SV=2
Q91VR2	Atp5c1	0.933235999	-0.099686135	0.13320531	0.875478463	ATP synthase subunit gamma, mitochondrial OS=Mus musculus GN=Atp5c1 PE=1 SV=1
O70589-2	Cask	1.083080792	0.115140864	0.13370629	0.873848162	Isoform 2 of Peripheral plasma membrane protein CASK OS=Mus musculus GN=Cask
Q8K4R4	Pitpnc1	0.901775835	-0.149159244	0.133795024	0.87356004	Cytoplasmic phosphatidylinositol transfer protein 1 OS=Mus musculus GN=Pitpnc1 PE=1 SV=1
Q9D8N0	Eef1g	0.938738703	-0.091204454	0.13406216	0.872693788	Elongation factor 1-gamma OS=Mus musculus GN=Eef1g PE=1 SV=3
Q99LG4	Ttc5	0.851335461	-0.23220037	0.134224585	0.872167929	Tetratricopeptide repeat protein 5 OS=Mus musculus GN=Ttc5 PE=1 SV=2
Q9CQQ7	Atp5f1	0.911301621	-0.133999461	0.134333682	0.871815081	ATP synthase F(0) complex subunit B1, mitochondrial OS=Mus musculus GN=Atp5f1 PE=1 SV=1
Q9WVQ1-3	Magi2	0.919585725	-0.120944024	0.134530344	0.871179747	Isoform 3 of Membrane-associated guanylate kinase, WW and PDZ domain-containing protein 2 OS=Mus musculus GN=Magi2
O35633	Slc32a1	0.856594811	-0.223315157	0.1352133	0.868980587	Vesicular inhibitory amino acid transporter OS=Mus musculus GN=Slc32a1 PE=1 SV=3
Q9R0R1	Mfi2	0.817487322	-0.290731738	0.135338876	0.868577434	Melanotransferrin OS=Mus musculus GN=Mfi2 PE=2 SV=1
P14206	Rpsa	1.099227371	0.136489833	0.135584418	0.867790219	40S ribosomal protein SA OS=Mus musculus GN=Rpsa PE=1 SV=4
P62743	Ap2s1	0.910131672	-0.135852814	0.135877348	0.866852939	AP-2 complex subunit sigma OS=Mus musculus GN=Ap2s1 PE=1 SV=1
Q01405	Sec23a	0.866113756	-0.207371574	0.135969604	0.866558167	Protein transport protein Sec23A OS=Mus musculus GN=Sec23a PE=1 SV=2
Q9JHU9	Isyna1	1.197662282	0.260221152	0.136291614	0.865530865	Inositol-3-phosphate synthase 1 OS=Mus musculus GN=Isyna1 PE=2 SV=1
Q62077	Plcg1	1.118426934	0.161471009	0.136414247	0.865140269	1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase gamma-1 OS=Mus musculus GN=Plcg1 PE=1 SV=2
Q80YA9	Cnksr2	0.953662078	-0.068449945	0.136996666	0.863290002	Connector enhancer of kinase suppressor of ras 2 OS=Mus musculus GN=Cnksr2 PE=1 SV=1
Q9CQX2	Cyb5b	1.122058968	0.166148496	0.137235397	0.862533858	Cytochrome b5 type B OS=Mus musculus GN=Cyb5b PE=1 SV=1
A2AHC3	Camsap1	0.881457905	-0.182036421	0.137607729	0.861357172	Calmodulin-regulated spectrin-associated protein 1 OS=Mus musculus GN=Camsap1 PE=1 SV=1
Q9WUA3	Pfkp	0.934673963	-0.097464889	0.137659282	0.861194501	6-phosphofructokinase type C OS=Mus musculus GN=Pfkp PE=1 SV=1
Q61475	Cd55	1.156742799	0.210068118	0.137693777	0.861085686	Complement decay-accelerating factor, GPI-anchored OS=Mus musculus GN=Cd55 PE=2 SV=2
Q8CH77-4	Nav1	1.18023636	0.23907581	0.138485229	0.858596547	Isoform 4 of Neuron navigator 1 OS=Mus musculus GN=Nav1
Q8C561	Lmbrd2	0.844861794	-0.243212737	0.138870769	0.857389161	LMBR1 domain-containing protein 2 OS=Mus musculus GN=Lmbrd2 PE=2 SV=1
Q6NXK8	Asic1	1.196998396	0.259421219	0.139510211	0.855394003	Acid-sensing ion channel 1 OS=Mus musculus GN=Asic1 PE=1 SV=1
P16381	D1Pas1	0.910109075	-0.135888635	0.139681409	0.854861393	Putative ATP-dependent RNA helicase Pl10 OS=Mus musculus GN=D1Pas1 PE=2 SV=1
P34152-6	Ptk2	1.069089565	0.096382722	0.139705994	0.85478496	Isoform 6 of Focal adhesion kinase 1 OS=Mus musculus GN=Ptk2
Q9JJV2	Pfn2	0.923883409	-0.114217295	0.140004151	0.853859087	Profilin-2 OS=Mus musculus GN=Pfn2 PE=1 SV=3
Q9D172	D10Jhu81e	1.119822674	0.163270296	0.14004403	0.853735399	ES1 protein homolog, mitochondrial OS=Mus musculus GN=D10Jhu81e PE=1 SV=1
P06801	Me1	1.05692572	0.079873988	0.140111401	0.853526523	NADP-dependent malic enzyme OS=Mus musculus GN=Me1 PE=1 SV=2
Q921M3	Sf3b3	0.897958213	-0.155279784	0.140153541	0.853395926	Splicing factor 3B subunit 3 OS=Mus musculus GN=Sf3b3 PE=2 SV=1
P00920	Ca2	1.053969369	0.075832939	0.140206741	0.853231104	Carbonic anhydrase 2 OS=Mus musculus GN=Ca2 PE=1 SV=4
Q8BGH7	Cdc42se2	1.081591929	0.113156292	0.140312547	0.852903492	CDC42 small effector protein 2 OS=Mus musculus GN=Cdc42se2 PE=1 SV=1
Q9CQC7	Ndufb4	0.944998741	-0.081615688	0.140442998	0.852499908	NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 4 OS=Mus musculus GN=Ndufb4 PE=1 SV=3
Q3TRR0	Map9	0.791494025	-0.337349636	0.140511833	0.852287099	Microtubule-associated protein 9 OS=Mus musculus GN=Map9 PE=2 SV=2
Q80X80	C2cd2l	1.084182677	0.11660786	0.141000379	0.850779719	C2 domain-containing protein 2-like OS=Mus musculus GN=C2cd2l PE=1 SV=3
P35585	Ap1m1	0.922716644	-0.116040414	0.141551539	0.849085404	AP-1 complex subunit mu-1 OS=Mus musculus GN=Ap1m1 PE=1 SV=3
Q91YM2	Arhgap35	0.875845276	-0.191252065	0.141952447	0.847857116	Rho GTPase-activating protein 35 OS=Mus musculus GN=Arhgap35 PE=1 SV=3
Q9ZQJ0	Npc2	0.845793513	-0.2416226	0.142213978	0.847057714	Epididymal secretory protein E1 OS=Mus musculus GN=Npc2 PE=1 SV=1
Q61481	Pde1a	1.054752743	0.07690484	0.142468871	0.846280018	Calcium/calmodulin-dependent 3',5'-cyclic nucleotide phosphodiesterase 1A OS=Mus musculus GN=Pde1a PE=2 SV=2
Q8R2H9	Phospho1	1.125047543	0.169985969	0.142540363	0.846062139	Phosphoethanolamine/phosphocholine phosphatase OS=Mus musculus GN=Phospho1 PE=2 SV=1
P27659	Rpl3	0.95424659	-0.067565969	0.142867398	0.845066866	60S ribosomal protein L3 OS=Mus musculus GN=Rpl3 PE=1 SV=3
Q9WV92-8	Epb41l3	0.947870605	-0.077237967	0.14294363	0.844835194	Isoform 8 of Band 4.1-like protein 3 OS=Mus musculus GN=Epb41l3
Q9R0M6	Rab9a	1.273221952	0.348483936	0.1432139	0.844014828	Ras-related protein Rab-9A OS=Mus musculus GN=Rab9a PE=1 SV=1
Q9WV92-5	Epb41l3	0.947792803	-0.077356388	0.143372299	0.843534751	Isoform 5 of Band 4.1-like protein 3 OS=Mus musculus GN=Epb41l3
P48758	Cbr1	1.053606516	0.075336173	0.1436955	0.842556831	Carbonyl reductase [NADPH] 1 OS=Mus musculus GN=Cbr1 PE=1 SV=3
P35564	Canx	0.970836084	-0.042700363	0.143825151	0.842165162	Calnexin OS=Mus musculus GN=Canx PE=1 SV=1
P63213	Gng2	1.119303995	0.162601915	0.14411771	0.841282647	Guanine nucleotide-binding protein G(I)/G(S)/G(O) subunit gamma-2 OS=Mus musculus GN=Gng2 PE=2 SV=2
Q99KK7	Dpp3	1.074550533	0.10373333	0.144306989	0.840712635	Dipeptidyl peptidase 3 OS=Mus musculus GN=Dpp3 PE=2 SV=2
Q99LD9	Eif2b2	1.248923628	0.320685259	0.14495112	0.838778426	Translation initiation factor eIF-2B subunit beta OS=Mus musculus GN=Eif2b2 PE=2 SV=1
Q8K4R4-4	Pitpnc1	0.897958987	-0.155278542	0.145330175	0.837644203	Isoform 4 of Cytoplasmic phosphatidylinositol transfer protein 1 OS=Mus musculus GN=Pitpnc1
Q9JM14	Nt5c	1.103771943	0.142442119	0.146284041	0.83480305	5'(3')-deoxyribonucleotidase, cytosolic type OS=Mus musculus GN=Nt5c PE=1 SV=1
Q9D1Q6	Erp44	0.918250687	-0.123040025	0.146449137	0.834313183	Endoplasmic reticulum resident protein 44 OS=Mus musculus GN=Erp44 PE=1 SV=1

Vehicle Group Proteins

Accession	Gene	Fold Change (KO vs. WT)	Log2 Fold Change	Students T Test	-Log10 T Test	Description
Q99PP7	Trim33	0.775840827	-0.366167397	0.146773567	0.833352151	E3 ubiquitin-protein ligase TRIM33 OS=Mus musculus GN=Trim33 PE=1 SV=2
O35943	Fxn	1.196110492	0.258350666	0.148684669	0.82773381	Frataxin, mitochondrial OS=Mus musculus GN=Fxn PE=1 SV=1
Q920I9-2	Wdr7	0.946087806	-0.079954009	0.149568752	0.825159129	Isoform 2 of WD repeat-containing protein 7 OS=Mus musculus GN=Wdr7
Q922W5	Pycr1	0.94212451	-0.086010358	0.149644839	0.824938257	Pyrroline-5-carboxylate reductase 1, mitochondrial OS=Mus musculus GN=Pycr1 PE=2 SV=1
Q3U214	Mast3	0.608342323	-0.717044718	0.149691731	0.824802189	Microtubule-associated serine/threonine-protein kinase 3 OS=Mus musculus GN=Mast3 PE=1 SV=3
P63216	Gng3	1.09847255	0.135498818	0.150218955	0.823275263	Guanine nucleotide-binding protein G(I)/G(S)/G(O) subunit gamma-3 OS=Mus musculus GN=Gng3 PE=1 SV=1
O70161-2	Pip5k1c	1.102686688	0.141022928	0.150501543	0.822459049	Isoform 2 of Phosphatidylinositol 4-phosphate 5-kinase type-1 gamma OS=Mus musculus GN=Pip5k1c
P28474	Adh5	0.949629228	-0.074563756	0.151011274	0.820990629	Alcohol dehydrogenase class-3 OS=Mus musculus GN=Adh5 PE=1 SV=3
Q6W8Q3	Pcp4l1	0.851355726	-0.23216603	0.151149155	0.820594276	Purkinje cell protein 4-like protein 1 OS=Mus musculus GN=Pcp4l1 PE=1 SV=1
Q9D6R2	Idh3a	0.937090052	-0.093740401	0.151236503	0.820343373	Isocitrate dehydrogenase [NAD] subunit alpha, mitochondrial OS=Mus musculus GN=Idh3a PE=1 SV=1
Q5XJV6	Lmtk3	1.232073976	0.301088881	0.151254686	0.820291161	Serine/threonine-protein kinase LMTK3 OS=Mus musculus GN=Lmtk3 PE=1 SV=1
Q80U87	Usp8	1.502529709	0.587393517	0.151544607	0.819459513	Ubiquitin carboxyl-terminal hydrolase 8 OS=Mus musculus GN=Usp8 PE=1 SV=2
Q9QYS2	Grm3	0.934992243	-0.096973699	0.151573726	0.819376073	Metabotropic glutamate receptor 3 OS=Mus musculus GN=Grm3 PE=2 SV=1
O70492	Snx3	0.944470242	-0.082422754	0.151658371	0.819133614	Sorting nexin-3 OS=Mus musculus GN=Snx3 PE=1 SV=3
P61089	Ube2n	0.965550232	-0.050576778	0.152352943	0.817149152	Ubiquitin-conjugating enzyme E2 N OS=Mus musculus GN=Ube2n PE=1 SV=1
Q9ERA0-3	Tfcp2	1.21535085	0.281372854	0.152408473	0.816990888	Isoform 3 of Alpha-globin transcription factor CP2 OS=Mus musculus GN=Tfcp2
Q8K4G5-3	Ablim1	1.113563211	0.155183455	0.152440739	0.816898955	Isoform 3 of Actin-binding LIM protein 1 OS=Mus musculus GN=Ablim1
Q9DBF1	Aldh7a1	0.930466363	-0.103974098	0.152500586	0.816728487	Alpha-aminoadipic semialdehyde dehydrogenase OS=Mus musculus GN=Aldh7a1 PE=1 SV=4
Q9JLT4-3	Txnrd2	0.861862756	-0.214469943	0.15274876	0.816022308	Isoform 3 of Thioredoxin reductase 2, mitochondrial OS=Mus musculus GN=Txnrd2
O35900	Lsm2	1.115764564	0.158032638	0.152970277	0.815392947	U6 snRNA-associated Sm-like protein LSm2 OS=Mus musculus GN=Lsm2 PE=3 SV=1
O88507	Cntfr	0.886096909	-0.174463606	0.153259234	0.814573348	Ciliary neurotrophic factor receptor subunit alpha OS=Mus musculus GN=Cntfr PE=1 SV=2
Q9JKC8	Ap3m1	0.896341765	-0.157879174	0.153665035	0.813424941	AP-3 complex subunit mu-1 OS=Mus musculus GN=Ap3m1 PE=1 SV=1
Q91WM2	Cecr5	0.471931134	-1.083351744	0.153760343	0.813155662	Cat eye syndrome critical region protein 5 homolog OS=Mus musculus GN=Cecr5 PE=2 SV=1
Q9JII5	Dazap1	1.104197998	0.14299889	0.154099976	0.812197428	DAZ-associated protein 1 OS=Mus musculus GN=Dazap1 PE=2 SV=2
Q80YA3	Ddhd1	0.825530291	-0.276606942	0.154465487	0.811168542	Phospholipase DDHD1 OS=Mus musculus GN=Ddhd1 PE=2 SV=1
Q9CR68	Uqcrfs1	1.111199747	0.152118176	0.154893681	0.809966299	Cytochrome b-c1 complex subunit Rieske, mitochondrial OS=Mus musculus GN=Uqcrfs1 PE=1 SV=1
Q9CQ89-3	Cuta	1.119023632	0.162240504	0.155068771	0.809475656	Isoform 2 of Protein CutA OS=Mus musculus GN=Cuta
Q99K51	Pls3	0.942988578	-0.084687799	0.156106469	0.806579099	Plastin-3 OS=Mus musculus GN=Pls3 PE=1 SV=3
Q61733	Mrps31	1.08662868	0.11985903	0.156214866	0.80627764	28S ribosomal protein S31, mitochondrial OS=Mus musculus GN=Mrps31 PE=2 SV=1
Q9QYS9-6	Qki	0.924113482	-0.113858067	0.156439169	0.805654499	Isoform 6 of Protein quaking OS=Mus musculus GN=Qki
Q80W14-3	Prpf40b	0.883675994	-0.178410603	0.156514026	0.805446737	Isoform 3 of Pre-mRNA-processing factor 40 homolog B OS=Mus musculus GN=Prpf40b
Q62167	Ddx3x	0.911331879	-0.133951561	0.156558537	0.805323244	ATP-dependent RNA helicase DDX3X OS=Mus musculus GN=Ddx3x PE=1 SV=3
Q9QVP9	Ptk2b	0.899980127	-0.15203495	0.156749346	0.804794263	Protein-tyrosine kinase 2-beta OS=Mus musculus GN=Ptk2b PE=1 SV=2
Q5HZI9	Slc25a51	0.800007239	-0.321915041	0.15700227	0.804094068	Solute carrier family 25 member 51 OS=Mus musculus GN=Slc25a51 PE=2 SV=1
Q60864	Stip1	0.974837494	-0.036766353	0.157241843	0.803431874	Stress-induced-phosphoprotein 1 OS=Mus musculus GN=Stip1 PE=1 SV=1
Q9ERU9	Ranbp2	1.090394582	0.124850299	0.158029882	0.801260783	E3 SUMO-protein ligase RanBP2 OS=Mus musculus GN=Ranbp2 PE=1 SV=2
Q9CR62	Slc25a11	0.953437158	-0.068790242	0.15830287	0.800511211	Mitochondrial 2-oxoglutarate/malate carrier protein OS=Mus musculus GN=Slc25a11 PE=1 SV=3
Q9CPU2	Ndufb2	0.919215374	-0.121525167	0.158741391	0.799309819	NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 2, mitochondrial OS=Mus musculus GN=Ndufb2 PE=3 SV=1
Q8BPN8-3	Dmxl2	0.950121797	-0.07381563	0.158760073	0.799258711	Isoform 3 of DmX-like protein 2 OS=Mus musculus GN=Dmxl2
O08547	Sec22b	1.050706538	0.071359782	0.159034123	0.798509681	Vesicle-trafficking protein SEC22b OS=Mus musculus GN=Sec22b PE=1 SV=3
Q91XD7	Creld1	0.938145941	-0.092115724	0.159119729	0.798275969	Cysteine-rich with EGF-like domain protein 1 OS=Mus musculus GN=Creld1 PE=2 SV=1
A2RT62	Fbxl16	0.89275291	-0.163667163	0.159174139	0.79812749	F-box/LRR-repeat protein 16 OS=Mus musculus GN=Fbxl16 PE=2 SV=1
Q60829	Ppp1r1b	0.753980687	-0.407400526	0.159226204	0.797985459	Protein phosphatase 1 regulatory subunit 1B OS=Mus musculus GN=Ppp1r1b PE=2 SV=2
Q8BG40	Katnb1	0.808813053	-0.306121815	0.159411304	0.797480885	Katanin p80 WD40 repeat-containing subunit B1 OS=Mus musculus GN=Katnb1 PE=1 SV=1
Q8CG72	Adprhl2	1.267010222	0.341428164	0.160227256	0.795263605	Poly(ADP-ribose) glycohydrolase ARH3 OS=Mus musculus GN=Adprhl2 PE=1 SV=1
Q9CRB6	Tppp3	1.130769592	0.177304992	0.160527073	0.794451714	Tubulin polymerization-promoting protein family member 3 OS=Mus musculus GN=Tppp3 PE=1 SV=1
Q5SRX1-5	Tom1l2	1.106613943	0.146152006	0.160556792	0.794371319	Isoform 5 of TOM1-like protein 2 OS=Mus musculus GN=Tom1l2
P49722	Psma2	1.056011442	0.078625466	0.160718155	0.793935063	Proteasome subunit alpha type-2 OS=Mus musculus GN=Psma2 PE=1 SV=3
Q6GQS1	Slc25a23	0.943219325	-0.084334818	0.161613947	0.791521162	Calcium-binding mitochondrial carrier protein SCaMC-3 OS=Mus musculus GN=Slc25a23 PE=2 SV=1
Q8C863	Itch	0.845981723	-0.2413016	0.161636303	0.791461092	E3 ubiquitin-protein ligase Itchy OS=Mus musculus GN=Itch PE=1 SV=2
Q8VHG2	Amot	0.78853088	-0.342760842	0.161813806	0.790984427	Angiomotin OS=Mus musculus GN=Amot PE=1 SV=3
P63325	Rps10	1.114084488	0.155858645	0.162103593	0.79020736	40S ribosomal protein S10 OS=Mus musculus GN=Rps10 PE=1 SV=1
Q00915	Rbp1	1.162524673	0.217261336	0.162960348	0.787918057	Retinol-binding protein 1 OS=Mus musculus GN=Rbp1 PE=2 SV=2
Q60625	Icam5	0.892787837	-0.163610722	0.164431346	0.784015388	Intercellular adhesion molecule 5 OS=Mus musculus GN=Icam5 PE=1 SV=2
Q921I1	Tf	0.859191158	-0.218948948	0.164507496	0.783814307	Serotransferrin OS=Mus musculus GN=Tf PE=1 SV=1
Q8R1V4	Tmed4	0.66946079	-0.578928534	0.164662421	0.783405503	Transmembrane emp24 domain-containing protein 4 OS=Mus musculus GN=Tmed4 PE=2 SV=1
Q9R0M0	Celsr2	0.829768312	-0.269219532	0.164872496	0.782851787	Cadherin EGF LAG seven-pass G-type receptor 2 OS=Mus musculus GN=Celsr2 PE=1 SV=2
O70161	Pip5k1c	1.101215847	0.139097276	0.165143152	0.782139431	Phosphatidylinositol 4-phosphate 5-kinase type-1 gamma OS=Mus musculus GN=Pip5k1c PE=1 SV=2
Q8BGD9	Eif4b	1.076641509	0.106537954	0.165316661	0.781683374	Eukaryotic translation initiation factor 4B OS=Mus musculus GN=Eif4b PE=1 SV=1
Q8BIV3	Ranbp6	0.928179096	-0.107524889	0.16541356	0.781428892	Ran-binding protein 6 OS=Mus musculus GN=Ranbp6 PE=2 SV=3
Q52KI8	Srrm1	1.100434344	0.138073071	0.165698798	0.780680641	Serine/arginine repetitive matrix protein 1 OS=Mus musculus GN=Srrm1 PE=1 SV=2
Q08331	Calb2	1.084791651	0.117417981	0.165722503	0.780618515	Calretinin OS=Mus musculus GN=Calb2 PE=1 SV=3
A2AI05-3	Ndor1	0.906458705	-0.141686798	0.165925914	0.780085781	Isoform 3 of NADPH-dependent diflavin oxidoreductase 1 OS=Mus musculus GN=Ndor1
Q2PFD7-3	Psd3	1.043190085	0.061002062	0.166123624	0.779568603	Isoform 3 of PH and SEC7 domain-containing protein 3 OS=Mus musculus GN=Psd3
Q8CBE3	Wdr37	0.942754198	-0.085046425	0.166269523	0.77918735	WD repeat-containing protein 37 OS=Mus musculus GN=Wdr37 PE=2 SV=1
Q60737	Csnk2a1	0.956141716	-0.06470363	0.166316036	0.779065875	Casein kinase II subunit alpha OS=Mus musculus GN=Csnk2a1 PE=1 SV=2
Q9R020-2	Zranb2	0.884788326	-0.176595744	0.166355295	0.778963371	Isoform 2 of Zinc finger Ran-binding domain-containing protein 2 OS=Mus musculus GN=Zranb2
Q9D051	Pdhb	0.910458262	-0.135335213	0.1666087	0.778302325	Pyruvate dehydrogenase E1 component subunit beta, mitochondrial OS=Mus musculus GN=Pdhb PE=1 SV=1
Q3TIR1-3	Trappc13	1.259835335	0.33323518	0.166611116	0.778296026	Isoform 3 of Trafficking protein particle complex subunit 13 OS=Mus musculus GN=Trappc13
Q7TNF0	Doc2a	1.307470255	0.386778126	0.166920675	0.777489867	Double C2-like domain-containing protein alpha OS=Mus musculus GN=Doc2a PE=2 SV=1
Q6PCX7	Rgma	0.931914202	-0.101730957	0.16703092	0.777203127	Repulsive guidance molecule A OS=Mus musculus GN=Rgma PE=1 SV=1
Q91ZM2-3	Sh2b1	0.926542748	-0.110070556	0.167163662	0.776858124	Isoform 3 of SH2B adapter protein 1 OS=Mus musculus GN=Sh2b1
Q61037-3	Tsc2	1.076493624	0.106339774	0.167363235	0.776339937	Isoform B of Tuberin OS=Mus musculus GN=Tsc2
Q99LC3	Ndufa10	0.884564627	-0.176960544	0.167437489	0.776147298	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 10, mitochondrial OS=Mus musculus GN=Ndufa10 PE=1 SV=1
Q9Z1Q5	Clic1	0.873582895	-0.194983487	0.167475868	0.776047763	Chloride intracellular channel protein 1 OS=Mus musculus GN=Clic1 PE=1 SV=3
Q9D868	Ppih	0.820634234	-0.285188754	0.167760975	0.775309058	Peptidyl-prolyl cis-trans isomerase H OS=Mus musculus GN=Ppih PE=2 SV=1
P97792-2	Cxadr	1.133215865	0.180422704	0.167862665	0.775045886	Isoform 2 of Coxsackievirus and adenovirus receptor homolog OS=Mus musculus GN=Cxadr
Q3UJU9	Rmdn3	0.930927582	-0.103259152	0.167917319	0.774904508	Regulator of microtubule dynamics protein 3 OS=Mus musculus GN=Rmdn3 PE=1 SV=2
Q64737	Gart	1.122379252	0.166560245	0.168425853	0.773591244	Trifunctional purine biosynthetic protein adenosine-3 OS=Mus musculus GN=Gart PE=2 SV=3
P54285	Cacnb3	0.923663638	-0.11456052	0.168821241	0.772572911	Voltage-dependent L-type calcium channel subunit beta-3 OS=Mus musculus GN=Cacnb3 PE=2 SV=2
Q8BNU0-2	Armc6	1.241759431	0.312385704	0.169326864	0.771274134	Isoform 2 of Armadillo repeat-containing protein 6 OS=Mus musculus GN=Armc6
Q76MZ3	Ppp2r1a	0.97283918	-0.039726762	0.169448798	0.770961508	Serine/threonine-protein phosphatase 2A 65 kDa regulatory subunit A alpha isoform OS=Mus musculus GN=Ppp2r1a PE=1 SV=3
Q9D338	Mrpl19	0.94091523	-0.087863343	0.171996451	0.764480514	39S ribosomal protein L19, mitochondrial OS=Mus musculus GN=Mrpl19 PE=2 SV=1
P53996-3	Cnbp	1.132590472	0.179626298	0.172368012	0.763543328	Isoform 3 of Cellular nucleic acid-binding protein OS=Mus musculus GN=Cnbp
Q99NB9	Sf3b1	1.142698105	0.192444301	0.172443555	0.763353033	Splicing factor 3B subunit 1 OS=Mus musculus GN=Sf3b1 PE=1 SV=1
P03930	Mtatp8	0.841320444	-0.249272692	0.172624671	0.762897137	ATP synthase protein 8 OS=Mus musculus GN=Mtatp8 PE=1 SV=1
Q99M71-2	Epdr1	0.909700203	-0.13653692	0.172942267	0.762098853	Isoform 2 of Mammalian ependymin-related protein 1 OS=Mus musculus GN=Epdr1
Q9D7I5	Lhpp	1.142902012	0.192701717	0.173594364	0.76046438	Phospholysine phosphohistidine inorganic pyrophosphate phosphatase OS=Mus musculus GN=Lhpp PE=2 SV=1
Q9Z315	Sart1	1.128811943	0.174805157	0.174000552	0.759449374	U4/U6.U5 tri-snRNP-associated protein 1 OS=Mus musculus GN=Sart1 PE=2 SV=1
P30412	Ppic	0.818067312	-0.289708539	0.174160055	0.759051446	Peptidyl-prolyl cis-trans isomerase C OS=Mus musculus GN=Ppic PE=1 SV=1
Q6PEB6	Mob4	1.228014876	0.296328038	0.17439474	0.758466618	MOB-like protein phocein OS=Mus musculus GN=Mob4 PE=1 SV=1
Q6PGE7	Slc6a7	1.159623752	0.213656789	0.174635114	0.757868428	Sodium-dependent proline transporter OS=Mus musculus GN=Slc6a7 PE=2 SV=1
O88851	Rbbp9	1.096205935	0.132518851	0.174847545	0.75734046	Putative hydrolase RBBP9 OS=Mus musculus GN=Rbbp9 PE=1 SV=2
Q8BH58	Tiprl	1.03812605	0.053981628	0.175064632	0.756801586	TIP41-like protein OS=Mus musculus GN=Tiprl PE=2 SV=1
P61967	Ap1s1	1.230339297	0.29905623	0.175267357	0.756298961	AP-1 complex subunit sigma-1A OS=Mus musculus GN=Ap1s1 PE=1 SV=1
P80315	Cct4	1.055340426	0.07770845	0.175416742	0.755928958	T-complex protein 1 subunit delta OS=Mus musculus GN=Cct4 PE=1 SV=3
Q2PFD7-5	Psd3	1.042442332	0.059967576	0.175421594	0.755916947	Isoform 5 of PH and SEC7 domain-containing protein 3 OS=Mus musculus GN=Psd3
P20443	Sag	1.185232634	0.245170254	0.175709944	0.755203659	S-arrestin OS=Mus musculus GN=Sag PE=1 SV=1
Q5QNQ6	Osbp2	1.198140976	0.260797669	0.176110433	0.754214916	Oxysterol-binding protein 2 OS=Mus musculus GN=Osbp2 PE=2 SV=1
Q8BWR2	Pithd1	1.102706917	0.141049396	0.176486974	0.753287344	PITH domain-containing protein 1 OS=Mus musculus GN=Pithd1 PE=2 SV=1
Q9DCR2	Ap3s1	1.096730599	0.133209185	0.176645728	0.752896862	AP-3 complex subunit sigma-1 OS=Mus musculus GN=Ap3s1 PE=1 SV=2
Q8K2C7	Os9	1.123541871	0.16805389	0.177503823	0.75079229	Protein OS-9 OS=Mus musculus GN=Os9 PE=1 SV=2
Q3THK7	Gmps	1.045561794	0.064278329	0.177541236	0.750700761	GMP synthase [glutamine-hydrolyzing] OS=Mus musculus GN=Gmps PE=1 SV=2
Q14BI2	Grm2	0.89522176	-0.159682991	0.177820836	0.750017352	Metabotropic glutamate receptor 2 OS=Mus musculus GN=Grm2 PE=1 SV=2
Q60823	Akt2	1.187354187	0.247750354	0.178118276	0.749291518	RAC-beta serine/threonine-protein kinase OS=Mus musculus GN=Akt2 PE=1 SV=1
Q61282	Acan	0.700317205	-0.513919564	0.178169523	0.749166582	Aggrecan core protein OS=Mus musculus GN=Acan PE=1 SV=2
Q8BGA9	Oxa1l	0.899613656	-0.152622534	0.178602149	0.748113319	Mitochondrial inner membrane protein OXA1L OS=Mus musculus GN=Oxa1l PE=2 SV=1
P49312-2	Hnrnpa1	1.044143844	0.062320475	0.179010345	0.74712187	Isoform Short of Heterogeneous nuclear ribonucleoprotein A1 OS=Mus musculus GN=Hnrnpa1
Q3UMT1	Ppp1r12c	1.255854372	0.328669181	0.179721093	0.745400949	Protein phosphatase 1 regulatory subunit 12C OS=Mus musculus GN=Ppp1r12c PE=1 SV=1
P08553	Nefm	0.922158206	-0.116913813	0.180010861	0.744701292	Neurofilament medium polypeptide OS=Mus musculus GN=Nefm PE=1 SV=4
Q8BYI9	Tnr	0.933662007	-0.099027718	0.180342815	0.743901155	Tenascin-R OS=Mus musculus GN=Tnr PE=1 SV=2
P62918	Rpl8	1.068149802	0.095113991	0.180460727	0.743617298	60S ribosomal protein L8 OS=Mus musculus GN=Rpl8 PE=2 SV=2
P12023-3	App	1.061732452	0.086420264	0.180568042	0.743359112	Isoform APP751 of Amyloid beta A4 protein OS=Mus musculus GN=App
Q9WV27	Atp1a4	0.9237863	-0.114368944	0.181499097	0.741125532	Sodium/potassium-transporting ATPase subunit alpha-4 OS=Mus musculus GN=Atp1a4 PE=1 SV=3
Q9DB73	Cyb5r1	1.075814924	0.105429907	0.181974903	0.739988505	NADH-cytochrome b5 reductase 1 OS=Mus musculus GN=Cyb5r1 PE=2 SV=1
Q9CQJ8	Ndufb9	0.920895621	-0.118890451	0.182331697	0.739137825	NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 9 OS=Mus musculus GN=Ndufb9 PE=1 SV=3
A6H630		0.812396777	-0.299743579	0.182452231	0.738850821	UPF0364 protein C6orf211 homolog OS=Mus musculus PE=2 SV=1

Accession	Gene	Fold Change (KO vs. WT)	Log2 Fold Change	Students T Test	-Log10 T Test	Description
Q9DCT8	Crip2	1.100843281	0.138609098	0.182651777	0.738376099	Cysteine-rich protein 2 OS=Mus musculus GN=Crip2 PE=1 SV=1
Q9R062	Gyg1	0.835009609	-0.260135296	0.182861791	0.737877031	Glycogenin-1 OS=Mus musculus GN=Gyg1 PE=2 SV=3
Q9Z2G1	Fem1aa	0.884628128	-0.17685698	0.183163835	0.737160272	Protein fem-1 homolog A-A OS=Mus musculus GN=Fem1aa PE=2 SV=1
Q3UVG3	Fam91a1	1.262015717	0.335729877	0.183369184	0.736673649	Protein FAM91A1 OS=Mus musculus GN=Fam91a1 PE=2 SV=1
Q91XU0-2	Wrnip1	0.80555599	-0.311943228	0.183897057	0.735425222	Isoform 2 of ATPase WRNIP1 OS=Mus musculus GN=Wrnip1
Q8C0N1	Kif2b	1.080524229	0.111731422	0.183958189	0.735280875	Kinesin-like protein KIF2B OS=Mus musculus GN=Kif2b PE=1 SV=1
Q9D8S4	Rexo2	0.622564798	-0.683704092	0.183983989	0.73521997	Oligoribonuclease, mitochondrial OS=Mus musculus GN=Rexo2 PE=1 SV=2
Q9Z2M7	Pmm2	1.207958903	0.272571373	0.184042101	0.735082817	Phosphomannomutase 2 OS=Mus musculus GN=Pmm2 PE=1 SV=1
Q9JKX6	Nudt5	0.837067649	-0.256583873	0.184042969	0.73508077	ADP-sugar pyrophosphatase OS=Mus musculus GN=Nudt5 PE=1 SV=1
P70425	Rit2	1.092140238	0.127158119	0.184082533	0.734987419	GTP-binding protein Rit2 OS=Mus musculus GN=Rit2 PE=1 SV=1
Q9CQZ5	Ndufa6	0.952169977	-0.070708955	0.184193279	0.73472622	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 6 OS=Mus musculus GN=Ndufa6 PE=1 SV=1
P12382	Pfkl	1.090777418	0.125356737	0.184376913	0.73429346	6-phosphofructokinase, liver type OS=Mus musculus GN=Pfkl PE=1 SV=4
Q8K1M6-5	Dnm1l	1.101515026	0.139489175	0.184420323	0.734191222	Isoform 5 of Dynamin-1-like protein OS=Mus musculus GN=Dnm1l
P35505	Fah	1.639519359	0.713272937	0.185239135	0.732267257	Fumarylacetoacetase OS=Mus musculus GN=Fah PE=1 SV=2
Q91XU0	Wrnip1	0.806472292	-0.310303127	0.185505183	0.731643952	ATPase WRNIP1 OS=Mus musculus GN=Wrnip1 PE=1 SV=2
P97315	Csrp1	0.946397462	-0.079481891	0.185552269	0.73153373	Cysteine and glycine-rich protein 1 OS=Mus musculus GN=Csrp1 PE=1 SV=3
P14131	Rps16	0.925507766	-0.111682999	0.18563552	0.731338921	40S ribosomal protein S16 OS=Mus musculus GN=Rps16 PE=2 SV=4
P58801	Ripk2	0.809614755	-0.304692512	0.185696573	0.731196111	Receptor-interacting serine/threonine-protein kinase 2 OS=Mus musculus GN=Ripk2 PE=2 SV=1
O08749	Dld	0.951633867	-0.071521479	0.186116903	0.730214182	Dihydrolipoyl dehydrogenase, mitochondrial OS=Mus musculus GN=Dld PE=1 SV=2
O54734	Ddost	0.831308082	-0.266544857	0.186333863	0.729708213	Dolichyl-diphosphooligosaccharide--protein glycosyltransferase 48 kDa subunit OS=Mus musculus GN=Ddost PE=1 SV=2
P16675	Ctsa	0.925621558	-0.111505629	0.186604248	0.729078475	Lysosomal protective protein OS=Mus musculus GN=Ctsa PE=1 SV=1
Q01768	Nme2	0.902434799	-0.148105394	0.186727501	0.728791715	Nucleoside diphosphate kinase B OS=Mus musculus GN=Nme2 PE=1 SV=1
P35802	Gpm6a	1.183685356	0.243285638	0.186911874	0.728363109	Neuronal membrane glycoprotein M6-a OS=Mus musculus GN=Gpm6a PE=1 SV=1
O70503-2	Hsd17b12	1.074835158	0.104115418	0.187050077	0.728042108	Isoform 2 of Estradiol 17-beta-dehydrogenase 12 OS=Mus musculus GN=Hsd17b12
P52760	Hrsp12	0.886585008	-0.173669128	0.187355895	0.727332637	Ribonuclease UK114 OS=Mus musculus GN=Hrsp12 PE=1 SV=3
Q921F4	Hnrnpll	1.042378864	0.059879737	0.187445204	0.727125668	Heterogeneous nuclear ribonucleoprotein L-like OS=Mus musculus GN=Hnrnpll PE=1 SV=3
P21126	Ubl4a	1.177975416	0.236309431	0.187610435	0.72674301	Ubiquitin-like protein 4A OS=Mus musculus GN=Ubl4a PE=2 SV=1
Q9WV92-3	Epb41l3	0.953611349	-0.06852669	0.18769318	0.726551507	Isoform 3 of Band 4.1-like protein 3 OS=Mus musculus GN=Epb41l3
Q9JK81	Myg1	1.283063144	0.359592173	0.187815651	0.72626822	UPF0160 protein MYG1, mitochondrial OS=Mus musculus GN=Myg1 PE=1 SV=1
Q8BIG7	Comtd1	1.137422439	0.185768171	0.187840376	0.726211052	Catechol O-methyltransferase domain-containing protein 1 OS=Mus musculus GN=Comtd1 PE=2 SV=1
Q62417	Sorbs1	1.299962445	0.378469945	0.188005321	0.725829859	Sorbin and SH3 domain-containing protein 1 OS=Mus musculus GN=Sorbs1 PE=1 SV=2
P97494	Gclc	0.909645963	-0.136622941	0.188232387	0.72530565	Glutamate--cysteine ligase catalytic subunit OS=Mus musculus GN=Gclc PE=2 SV=4
Q61290	Cacna1e	1.071537775	0.09968271	0.188513013	0.724658665	Voltage-dependent R-type calcium channel subunit alpha-1E OS=Mus musculus GN=Cacna1e PE=1 SV=1
O08739	Ampd3	1.429890988	0.515905163	0.188577956	0.724509075	AMP deaminase 3 OS=Mus musculus GN=Ampd3 PE=2 SV=2
O70443	Gnaz	1.074178507	0.10323376	0.189272526	0.722912421	Guanine nucleotide-binding protein G(z) subunit alpha OS=Mus musculus GN=Gnaz PE=2 SV=4
Q8BR90		1.065317055	0.091282863	0.189763126	0.721788175	UPF0600 protein C5orf51 homolog OS=Mus musculus PE=2 SV=1
Q8BG79	Cwf19l2	1.231840606	0.300815591	0.190014517	0.721213217	CWF19-like protein 2 OS=Mus musculus GN=Cwf19l2 PE=2 SV=1
Q01320	Top2a	0.949560334	-0.074668424	0.190066464	0.721094505	DNA topoisomerase 2-alpha OS=Mus musculus GN=Top2a PE=1 SV=2
Q922D8	Mthfd1	1.058264446	0.081700183	0.19064664	0.719770845	C-1-tetrahydrofolate synthase, cytoplasmic OS=Mus musculus GN=Mthfd1 PE=1 SV=4
Q8BYI8	Kiaa1467	0.85827884	-0.220481664	0.190783043	0.719460229	Uncharacterized protein KIAA1467 OS=Mus musculus GN=Kiaa1467 PE=2 SV=1
Q8C0M9	Asrgl1	0.943265055	-0.084264873	0.190879543	0.719240613	Isoaspartyl peptidase/L-asparaginase OS=Mus musculus GN=Asrgl1 PE=1 SV=1
Q9CY16	Mrps28	1.25893887	0.332208232	0.191105031	0.718727879	28S ribosomal protein S28, mitochondrial OS=Mus musculus GN=Mrps28 PE=1 SV=1
Q9CRD0-3	Ociad1	1.13279682	0.17988912	0.191599245	0.717606207	Isoform 3 of OCIA domain-containing protein 1 OS=Mus musculus GN=Ociad1
Q3TCN2-2	Plbd2	1.149813317	0.201399646	0.191820436	0.717105127	Isoform 2 of Putative phospholipase B-like 2 OS=Mus musculus GN=Plbd2
Q9D7J7	Capns2	0.846886408	-0.23975962	0.191826078	0.717092353	Calpain small subunit 2 OS=Mus musculus GN=Capns2 PE=2 SV=1
Q61595-11	Ktn1	0.942251444	-0.085815995	0.191961518	0.716785824	Isoform 11 of Kinectin OS=Mus musculus GN=Ktn1
Q810U4-4	Nrcam	1.105587667	0.144813427	0.192344169	0.715920976	Isoform 4 of Neuronal cell adhesion molecule OS=Mus musculus GN=Nrcam
P51881	Slc25a5	0.941166218	-0.087478557	0.192594988	0.715355018	ADP/ATP translocase 2 OS=Mus musculus GN=Slc25a5 PE=1 SV=3
Q9ES28-5	Arhgef7	1.076981117	0.106992955	0.192761483	0.714979742	Isoform E of Rho guanine nucleotide exchange factor 7 OS=Mus musculus GN=Arhgef7
Q9CZW6	Rnf146	1.104238503	0.143051812	0.192943124	0.714570695	E3 ubiquitin-protein ligase RNF146 OS=Mus musculus GN=Rnf146 PE=1 SV=2
Q61595-5	Ktn1	0.941275243	-0.087311445	0.193188264	0.714019259	Isoform 5 of Kinectin OS=Mus musculus GN=Ktn1
Q8CJ19	Mical3	1.129495282	0.175678244	0.193611176	0.713069577	Protein-methionine sulfoxide oxidase MICAL3 OS=Mus musculus GN=Mical3 PE=2 SV=2
Q6P069	Sri	1.053607381	0.075337357	0.193625056	0.713038443	Sorcin OS=Mus musculus GN=Sri PE=1 SV=1
P41241	Csk	0.906043921	-0.142347107	0.193635658	0.713014664	Tyrosine-protein kinase CSK OS=Mus musculus GN=Csk PE=1 SV=2
P56379	Mp68	0.880532459	-0.183551908	0.19385528	0.712522366	6.8 kDa mitochondrial proteolipid OS=Mus musculus GN=Mp68 PE=2 SV=1
O54988	Slk	0.840116116	-0.251339353	0.194427128	0.711243139	STE20-like serine/threonine-protein kinase OS=Mus musculus GN=Slk PE=1 SV=2
Q3URD3-4	Slmap	0.90900159	-0.137645277	0.194702881	0.710627623	Isoform 4 of Sarcolemmal membrane-associated protein OS=Mus musculus GN=Slmap
Q9Z0G0	Gipc1	1.264149968	0.338167623	0.19544064	0.708985125	PDZ domain-containing protein GIPC1 OS=Mus musculus GN=Gipc1 PE=1 SV=1
Q921W4	Cryzl1	1.049072329	0.069114148	0.195975355	0.70779854	Quinone oxidoreductase-like protein 1 OS=Mus musculus GN=Cryzl1 PE=2 SV=1
P70441	Slc9a3r1	1.048350082	0.068120565	0.196087413	0.707550283	Na(+)/H(+) exchange regulatory cofactor NHE-RF1 OS=Mus musculus GN=Slc9a3r1 PE=1 SV=3
Q7TNM2	Trim46	0.894726693	-0.160481037	0.19624361	0.707204476	Tripartite motif-containing protein 46 OS=Mus musculus GN=Trim46 PE=2 SV=1
Q9CR41	Hypk	1.194946223	0.256945693	0.196283212	0.707116844	Huntingtin-interacting protein K OS=Mus musculus GN=Hypk PE=2 SV=2
Q64437	Adh7	0.924140574	-0.113815774	0.196418968	0.706816574	Alcohol dehydrogenase class 4 mu/sigma chain OS=Mus musculus GN=Adh7 PE=2 SV=2
P35700	Prdx1	0.913673694	-0.130249076	0.196835321	0.705896968	Peroxiredoxin-1 OS=Mus musculus GN=Prdx1 PE=1 SV=1
P70372	Elavl1	0.883489668	-0.178714832	0.197120132	0.705269019	ELAV-like protein 1 OS=Mus musculus GN=Elavl1 PE=1 SV=2
Q80TN7	Nav3	0.827171599	-0.273741443	0.197153702	0.705195064	Neuron navigator 3 OS=Mus musculus GN=Nav3 PE=1 SV=2
O35658	C1qbp	1.062574282	0.0875637	0.19744023	0.704564351	Complement component 1 Q subcomponent-binding protein, mitochondrial OS=Mus musculus GN=C1qbp PE=1 SV=1
Q9ERA0	Tfcp2	1.095007055	0.130940165	0.198353072	0.702561069	Alpha-globin transcription factor CP2 OS=Mus musculus GN=Tfcp2 PE=1 SV=1
Q6WVG3	Kctd12	0.842582161	-0.247110723	0.19891196	0.701339102	BTB/POZ domain-containing protein KCTD12 OS=Mus musculus GN=Kctd12 PE=1 SV=1
Q9CYI0		0.82812977	-0.272071236	0.199029902	0.701081672	Protein Njmu-R1 OS=Mus musculus PE=2 SV=2
P48320	Gad2	0.93304678	-0.09997868	0.199539433	0.699971267	Glutamate decarboxylase 2 OS=Mus musculus GN=Gad2 PE=2 SV=1
Q6NVG1	Lpcat4	1.196708333	0.259071575	0.20039445	0.69811431	Lysophospholipid acyltransferase LPCAT4 OS=Mus musculus GN=Lpcat4 PE=1 SV=1
Q91VF2	Hnmt	1.103356247	0.141898678	0.200635241	0.697592782	Histamine N-methyltransferase OS=Mus musculus GN=Hnmt PE=1 SV=1
Q9Z2Y8	Prosc	0.937201468	-0.09356888	0.2008275	0.697176818	Proline synthase co-transcribed bacterial homolog protein OS=Mus musculus GN=Prosc PE=1 SV=1
Q9CPX8	Uqcr11	1.081804676	0.113440039	0.20127248	0.696215602	Cytochrome b-c1 complex subunit 10 OS=Mus musculus GN=Uqcr11 PE=2 SV=1
P19258	Mpv17	0.800385222	-0.321233566	0.201301689	0.696152581	Protein Mpv17 OS=Mus musculus GN=Mpv17 PE=2 SV=1
Q9D6Y7-4	Msra	1.212348522	0.277804499	0.201503625	0.695717136	Isoform 4 of Mitochondrial peptide methionine sulfoxide reductase OS=Mus musculus GN=Msra
P09411	Pgk1	0.920835445	-0.118984728	0.201534714	0.695650138	Phosphoglycerate kinase 1 OS=Mus musculus GN=Pgk1 PE=1 SV=4
Q99PL6	Ubxn6	1.110815067	0.151618651	0.201587577	0.695536236	UBX domain-containing protein 6 OS=Mus musculus GN=Ubxn6 PE=1 SV=1
P07901	Hsp90aa1	0.937854489	-0.092563993	0.201754537	0.69517669	Heat shock protein HSP 90-alpha OS=Mus musculus GN=Hsp90aa1 PE=1 SV=4
P00493	Hprt1	0.950537299	-0.073184855	0.202326499	0.693947233	Hypoxanthine-guanine phosphoribosyltransferase OS=Mus musculus GN=Hprt1 PE=1 SV=3
Q8QZT2	Ccsap	0.955382715	-0.06584932	0.202414154	0.693759123	Centriole, cilia and spindle-associated protein OS=Mus musculus GN=Ccsap PE=2 SV=1
A2AQ07	Tubb1	1.113646765	0.1552917	0.20279034	0.692952737	Tubulin beta-1 chain OS=Mus musculus GN=Tubb1 PE=1 SV=1
P80314	Cct2	1.069585355	0.097051617	0.202859449	0.692804759	T-complex protein 1 subunit beta OS=Mus musculus GN=Cct2 PE=1 SV=4
Q80T41	Gabbr2	0.92501023	-0.112458774	0.203209144	0.692056754	Gamma-aminobutyric acid type B receptor subunit 2 OS=Mus musculus GN=Gabbr2 PE=1 SV=2
Q9DB60	Fam213b	0.894837706	-0.160302046	0.203549998	0.691328898	Prostamide/prostaglandin F synthase OS=Mus musculus GN=Fam213b PE=1 SV=1
P84075	Hpca	0.935970755	-0.095464643	0.20379406	0.69080848	Neuron-specific calcium-binding protein hippocalcin OS=Mus musculus GN=Hpca PE=1 SV=2
P59708	Sf3b14	1.079721837	0.110659687	0.204031816	0.690302106	Pre-mRNA branch site protein p14 OS=Mus musculus GN=Sf3b14 PE=1 SV=1
Q9D387	Lamp5	1.220030349	0.286917036	0.204227796	0.689885149	Lysosome-associated membrane glycoprotein 5 OS=Mus musculus GN=Lamp5 PE=1 SV=2
Q9CZ30-2	Ola1	0.881540156	-0.181901806	0.204280844	0.689772356	Isoform 2 of Obg-like ATPase 1 OS=Mus musculus GN=Ola1
Q80WT5	Aftph	1.107552397	0.147374953	0.204941176	0.688370777	Aftiphilin OS=Mus musculus GN=Aftph PE=1 SV=2
Q9CQY2	Fam103a1	0.955030509	-0.066381273	0.205000994	0.688244032	RNMT-activating mini protein OS=Mus musculus GN=Fam103a1 PE=2 SV=1
Q8CH77	Nav1	1.147676039	0.198715462	0.205527661	0.687129721	Neuron navigator 1 OS=Mus musculus GN=Nav1 PE=1 SV=2
Q9DCN2	Cyb5r3	1.049694993	0.069970189	0.205545721	0.68709156	NADH-cytochrome b5 reductase 3 OS=Mus musculus GN=Cyb5r3 PE=1 SV=3
Q91V14	Slc12a5	0.900844148	-0.150650563	0.205770977	0.68661588	Solute carrier family 12 member 5 OS=Mus musculus GN=Slc12a5 PE=1 SV=2
Q91W86	Vps11	0.947020064	-0.078533103	0.205799196	0.686556325	Vacuolar protein sorting-associated protein 11 homolog OS=Mus musculus GN=Vps11 PE=1 SV=3
Q9D358	Acp1	1.130047194	0.176383025	0.205885703	0.686373811	Low molecular weight phosphotyrosine protein phosphatase OS=Mus musculus GN=Acp1 PE=1 SV=3
Q9ES28-7	Arhgef7	1.079390048	0.110216291	0.205973855	0.686187903	Isoform G of Rho guanine nucleotide exchange factor 7 OS=Mus musculus GN=Arhgef7
Q5F2E7	Nufip2	1.127707822	0.173393329	0.205992368	0.686148871	Nuclear fragile X mental retardation-interacting protein 2 OS=Mus musculus GN=Nufip2 PE=1 SV=1
P05064	Aldoa	0.939474736	-0.090073729	0.206072378	0.685980217	Fructose-bisphosphate aldolase A OS=Mus musculus GN=Aldoa PE=1 SV=2
P11404	Fabp3	0.938716765	-0.09123817	0.206440015	0.685206117	Fatty acid-binding protein, heart OS=Mus musculus GN=Fabp3 PE=1 SV=5
Q80UG5	Sept9	1.045418932	0.064081191	0.206711423	0.684635524	Septin-9 OS=Mus musculus GN=Sept9 PE=1 SV=1
Q2TBE6	Pi4k2a	1.159487597	0.213487387	0.206885658	0.684269615	Phosphatidylinositol 4-kinase type 2-alpha OS=Mus musculus GN=Pi4k2a PE=1 SV=1
Q8R550-3	Sh3kbp1	0.948513981	-0.076259055	0.206907887	0.684222954	Isoform 3 of SH3 domain-containing kinase-binding protein 1 OS=Mus musculus GN=Sh3kbp1
Q8VDN2	Atp1a1	0.946036639	-0.080032036	0.207227973	0.683551621	Sodium/potassium-transporting ATPase subunit alpha-1 OS=Mus musculus GN=Atp1a1 PE=1 SV=1
Q9DBJ1	Pgam1	0.94821063	-0.076720529	0.207368609	0.683256985	Phosphoglycerate mutase 1 OS=Mus musculus GN=Pgam1 PE=1 SV=3
Q99JT9	Adi1	0.896907564	-0.156968787	0.207410488	0.683169287	1,2-dihydroxy-3-keto-5-methylthiopentene dioxygenase OS=Mus musculus GN=Adi1 PE=1 SV=1
P63166	Sumo1	0.93176426	-0.101963102	0.208726799	0.680421787	Small ubiquitin-related modifier 1 OS=Mus musculus GN=Sumo1 PE=1 SV=1
P60521	Gabarapl2	1.088733346	0.12265065	0.208891124	0.680080014	Gamma-aminobutyric acid receptor-associated protein-like 2 OS=Mus musculus GN=Gabarapl2 PE=1 SV=1
P18242	Ctsd	1.045580139	0.064303642	0.209404416	0.679014163	Cathepsin D OS=Mus musculus GN=Ctsd PE=1 SV=1
P19096	Fasn	0.963103568	-0.054237148	0.209535015	0.678743393	Fatty acid synthase OS=Mus musculus GN=Fasn PE=1 SV=2
P62492	Rab11a	0.939904714	-0.089413588	0.210232698	0.677299736	Ras-related protein Rab-11A OS=Mus musculus GN=Rab11a PE=1 SV=3
P42208	Sept2	1.06739825	0.094098551	0.210521837	0.676702849	Septin-2 OS=Mus musculus GN=Sept2 PE=1 SV=2
Q3UFF7	Lyplal1	0.823160979	-0.2807535	0.210938077	0.675845017	Lysophospholipase-like protein 1 OS=Mus musculus GN=Lyplal1 PE=1 SV=3
O09114	Ptgds	1.129666928	0.17589747	0.211206199	0.675293339	Prostaglandin-H2 D-isomerase OS=Mus musculus GN=Ptgds PE=1 SV=1
P10833	Rras	1.148799405	0.200126908	0.212622865	0.672390034	Ras-related protein R-Ras OS=Mus musculus GN=Rras PE=2 SV=1
Q99N28	Cadm3	1.089842094	0.12411912	0.21265365	0.672327159	Cell adhesion molecule 3 OS=Mus musculus GN=Cadm3 PE=1 SV=1

Accession	Gene	Fold Change (KO vs. WT)	Log2 Fold Change	Students T Test	-Log10 T Test	Description
Q9R1P4	Psma1	0.94632783	-0.079588042	0.213129761	0.671355902	Proteasome subunit alpha type-1 OS=Mus musculus GN=Psma1 PE=1 SV=1
P97807	Fh	0.951855333	-0.071185772	0.213412712	0.670779715	Fumarate hydratase, mitochondrial OS=Mus musculus GN=Fh PE=1 SV=3
P35762	Cd81	1.082716786	0.114655916	0.213509296	0.670583211	CD81 antigen OS=Mus musculus GN=Cd81 PE=1 SV=2
Q9D125	Mrps25	0.919389941	-0.121251213	0.214232167	0.669115319	28S ribosomal protein S25, mitochondrial OS=Mus musculus GN=Mrps25 PE=1 SV=1
P62761	Vsnl1	0.916560244	-0.125698385	0.214287953	0.669002243	Visinin-like protein 1 OS=Mus musculus GN=Vsnl1 PE=1 SV=2
Q91WK5	Gcsh	0.949399724	-0.074912465	0.215373226	0.666808287	Glycine cleavage system H protein, mitochondrial OS=Mus musculus GN=Gcsh PE=1 SV=2
Q9ERD7	Tubb3	1.053412107	0.075069946	0.215702469	0.666144885	Tubulin beta-3 chain OS=Mus musculus GN=Tubb3 PE=1 SV=1
P19253	Rpl13a	0.938778552	-0.091143213	0.216582678	0.66437628	60S ribosomal protein L13a OS=Mus musculus GN=Rpl13a PE=1 SV=4
P29391	Ftl1	1.106635551	0.146180177	0.216767551	0.664005729	Ferritin light chain 1 OS=Mus musculus GN=Ftl1 PE=1 SV=2
Q7TMK9	Syncrip	1.021643968	0.03089252	0.216925987	0.663688418	Heterogeneous nuclear ribonucleoprotein Q OS=Mus musculus GN=Syncrip PE=1 SV=2
Q5U430	Ubr3	0.529827075	-0.916406526	0.217056511	0.663427182	E3 ubiquitin-protein ligase UBR3 OS=Mus musculus GN=Ubr3 PE=1 SV=3
Q7TMK9-2	Syncrip	1.019593333	0.027993844	0.217146741	0.663246684	Isoform 2 of Heterogeneous nuclear ribonucleoprotein Q OS=Mus musculus GN=Syncrip
P61161	Actr2	1.014212155	0.02035947	0.217506666	0.662527429	Actin-related protein 2 OS=Mus musculus GN=Actr2 PE=1 SV=1
P26231	Ctnna1	1.055796307	0.078331525	0.217688019	0.662165473	Catenin alpha-1 OS=Mus musculus GN=Ctnna1 PE=1 SV=1
Q8BVI4	Qdpr	1.049019764	0.069041859	0.218435045	0.660677683	Dihydropteridine reductase OS=Mus musculus GN=Qdpr PE=1 SV=2
Q62393-3	Tpd52	1.031057064	0.044124182	0.219052284	0.659452214	Isoform 3 of Tumor protein D52 OS=Mus musculus GN=Tpd52
P08030	Aprt	1.121640258	0.165610037	0.219967567	0.657641348	Adenine phosphoribosyltransferase OS=Mus musculus GN=Aprt PE=1 SV=2
Q9R257	Hebp1	1.209448693	0.274349569	0.22096155	0.655683292	Heme-binding protein 1 OS=Mus musculus GN=Hebp1 PE=1 SV=2
Q9D2U9	Hist3h2ba	0.922784751	-0.115933931	0.221548692	0.654530809	Histone H2B type 3-A OS=Mus musculus GN=Hist3h2ba PE=1 SV=3
Q64524	Hist2h2be	0.922784021	-0.115935073	0.221593585	0.654442816	Histone H2B type 2-E OS=Mus musculus GN=Hist2h2be PE=1 SV=3
Q8C7R4	Uba6	1.141395973	0.190799378	0.221693026	0.654247968	Ubiquitin-like modifier-activating enzyme 6 OS=Mus musculus GN=Uba6 PE=1 SV=1
Q9Z0J4-3	Nos1	1.216128845	0.282296086	0.222350881	0.652961146	Isoform NNOS beta of Nitric oxide synthase, brain OS=Mus musculus GN=Nos1
P08113	Hsp90b1	0.928684561	-0.106739443	0.223401864	0.650913208	Endoplasmin OS=Mus musculus GN=Hsp90b1 PE=1 SV=2
Q3URD3	Slmap	0.915902845	-0.126733523	0.223471517	0.650777823	Sarcolemmal membrane-associated protein OS=Mus musculus GN=Slmap PE=1 SV=2
P58404	Strn4	0.9245996	-0.113099357	0.223775503	0.650187459	Striatin-4 OS=Mus musculus GN=Strn4 PE=1 SV=2
P97370	Atp1b3	1.132741075	0.179818124	0.224003946	0.64974433	Sodium/potassium-transporting ATPase subunit beta-3 OS=Mus musculus GN=Atp1b3 PE=1 SV=1
Q8VD33	Sgtb	0.911981086	-0.13292419	0.224221846	0.649322076	Small glutamine-rich tetratricopeptide repeat-containing protein beta OS=Mus musculus GN=Sgtb PE=2 SV=1
Q9Z1Q2	Abhd16a	0.870843419	-0.199514755	0.2242331	0.649300278	Abhydrolase domain-containing protein 16A OS=Mus musculus GN=Abhd16a PE=1 SV=3
Q9WUL7	Arl3	1.094287931	0.129992392	0.224316256	0.649139253	ADP-ribosylation factor-like protein 3 OS=Mus musculus GN=Arl3 PE=1 SV=1
P97291	Cdh8	1.298787667	0.37716559	0.224528384	0.64872875	Cadherin-8 OS=Mus musculus GN=Cdh8 PE=1 SV=2
P26049	Gabra3	0.902162278	-0.148541131	0.225089552	0.647644664	Gamma-aminobutyric acid receptor subunit alpha-3 OS=Mus musculus GN=Gabra3 PE=1 SV=1
Q9Z2H2	Rgs6	1.048183633	0.067891487	0.225252228	0.647330905	Regulator of G-protein signaling 6 OS=Mus musculus GN=Rgs6 PE=1 SV=2
Q9R1V7-3	Adam23	1.088299927	0.122076207	0.226539634	0.644855805	Isoform Gamma of Disintegrin and metalloproteinase domain-containing protein 23 OS=Mus musculus GN=Adam23
O88587	Comt	1.139968467	0.188993918	0.226569428	0.644798692	Catechol O-methyltransferase OS=Mus musculus GN=Comt PE=1 SV=2
P63040	Cplx1	0.877912597	-0.18785078	0.226825648	0.64430784	Complexin-1 OS=Mus musculus GN=Cplx1 PE=1 SV=1
Q62419	Sh3gl1	0.96486401	-0.051602474	0.226931664	0.644104903	Endophilin-A2 OS=Mus musculus GN=Sh3gl1 PE=1 SV=1
Q6ZQK5	Acap2	0.848378411	-0.237220186	0.22709783	0.643787017	Arf-GAP with coiled-coil, ANK repeat and PH domain-containing protein 2 OS=Mus musculus GN=Acap2 PE=1 SV=2
Q9ERE8	Mesdc1	1.232259122	0.301305661	0.227570279	0.642884458	Mesoderm development candidate 1 OS=Mus musculus GN=Mesdc1 PE=1 SV=1
P04117	Fabp4	0.781580975	-0.355532744	0.227662648	0.642708218	Fatty acid-binding protein, adipocyte OS=Mus musculus GN=Fabp4 PE=1 SV=3
P62806	Hist1h4a	1.044013143	0.062139874	0.228135884	0.641806399	Histone H4 OS=Mus musculus GN=Hist1h4a PE=1 SV=2
Q8BWT5	Dip2a	1.08063792	0.111883213	0.228269265	0.64155256	Disco-interacting protein 2 homolog A OS=Mus musculus GN=Dip2a PE=2 SV=3
P14576-2	Srp54	1.071678097	0.099871625	0.228413765	0.641277728	Isoform 2 of Signal recognition particle 54 kDa protein OS=Mus musculus GN=Srp54
O54962	Banf1	1.078551649	0.109095265	0.228559894	0.640999975	Barrier-to-autointegration factor OS=Mus musculus GN=Banf1 PE=1 SV=1
P47963	Rpl13	1.150686479	0.202494804	0.228588272	0.640946056	60S ribosomal protein L13 OS=Mus musculus GN=Rpl13 PE=2 SV=3
O54983	Crym	1.145998856	0.196605603	0.228689889	0.640753036	Ketimine reductase mu-crystallin OS=Mus musculus GN=Crym PE=1 SV=1
P31001	Des	0.833947618	-0.261971326	0.229068021	0.640035536	Desmin OS=Mus musculus GN=Des PE=1 SV=3
Q99J36	Thumpd1	0.962997321	-0.054396311	0.229475803	0.639263102	THUMP domain-containing protein 1 OS=Mus musculus GN=Thumpd1 PE=1 SV=1
Q9CZW4	Acsl3	1.040965259	0.057921921	0.229551224	0.639120387	Long-chain-fatty-acid--CoA ligase 3 OS=Mus musculus GN=Acsl3 PE=1 SV=2
Q7TPB0	Lppr3	1.067891691	0.094765332	0.22955427	0.639114625	Lipid phosphate phosphatase-related protein type 3 OS=Mus musculus GN=Lppr3 PE=2 SV=1
Q80UG5-2	Sept9	1.042115289	0.059514891	0.229807059	0.638636634	Isoform 2 of Septin-9 OS=Mus musculus GN=Sept9
Q60996-3	Ppp2r5c	1.060857771	0.085231247	0.229815444	0.638620789	Isoform 3 of Serine/threonine-protein phosphatase 2A 56 kDa regulatory subunit gamma isoform OS=Mus musculus GN=Ppp2r5c
Q9WVJ2	Psmd13	1.056489638	0.079278618	0.230054056	0.638170105	26S proteasome non-ATPase regulatory subunit 13 OS=Mus musculus GN=Psmd13 PE=1 SV=1
Q8C0E2	Vps26b	1.061581054	0.086214528	0.230628025	0.63708792	Vacuolar protein sorting-associated protein 26B OS=Mus musculus GN=Vps26b PE=1 SV=1
Q501J6-2	Ddx17	1.024243174	0.034558278	0.230998018	0.636391746	Isoform 2 of Probable ATP-dependent RNA helicase DDX17 OS=Mus musculus GN=Ddx17
Q9CXS4	Cenpv	1.05684759	0.079767338	0.231695385	0.635082616	Centromere protein V OS=Mus musculus GN=Cenpv PE=2 SV=2
P21619-2	Lmnb2	1.283098713	0.359632166	0.232035135	0.634446249	Isoform B3 of Lamin-B2 OS=Mus musculus GN=Lmnb2
Q9D6R2-2	Idh3a	0.944169982	-0.082881478	0.232036761	0.634443205	Isoform 2 of Isocitrate dehydrogenase [NAD] subunit alpha, mitochondrial OS=Mus musculus GN=Idh3a
P85094	Isoc2a	1.118678399	0.161795346	0.232086266	0.634350558	Isochorismatase domain-containing protein 2A, mitochondrial OS=Mus musculus GN=Isoc2a PE=1 SV=1
Q9QZD8	Slc25a10	1.144644967	0.194900188	0.232402391	0.633759409	Mitochondrial dicarboxylate carrier OS=Mus musculus GN=Slc25a10 PE=1 SV=2
Q8VED9	Lgalsl	0.946662922	-0.079077278	0.232501855	0.633573578	Galectin-related protein OS=Mus musculus GN=Lgalsl PE=2 SV=1
P49312	Hnrnpa1	1.034986301	0.049611672	0.232518845	0.633541843	Heterogeneous nuclear ribonucleoprotein A1 OS=Mus musculus GN=Hnrnpa1 PE=1 SV=2
Q05144	Rac2	0.918389886	-0.122821341	0.232550003	0.63348365	Ras-related C3 botulinum toxin substrate 2 OS=Mus musculus GN=Rac2 PE=2 SV=1
Q68FD5	Cltc	0.969196637	-0.045138695	0.232626272	0.633341238	Clathrin heavy chain 1 OS=Mus musculus GN=Cltc PE=1 SV=3
Q99KI0	Aco2	0.958052228	-0.061823789	0.233483389	0.631744012	Aconitate hydratase, mitochondrial OS=Mus musculus GN=Aco2 PE=1 SV=1
Q60634-3	Flot2	1.074744472	0.103993689	0.233935038	0.630904725	Isoform 3 of Flotillin-2 OS=Mus musculus GN=Flot2
B2RQC6	Cad	1.178117435	0.236483354	0.234082459	0.630631128	CAD protein OS=Mus musculus GN=Cad PE=2 SV=1
Q61418	Clcn4	1.070080262	0.097719011	0.234673642	0.629535687	H(+)/Cl(-) exchange transporter 4 OS=Mus musculus GN=Clcn4 PE=2 SV=2
Q8BGZ7	Krt75	1.407922132	0.493567545	0.236156433	0.62680022	Keratin, type II cytoskeletal 75 OS=Mus musculus GN=Krt75 PE=1 SV=1
Q99KF1	Tmed9	0.851896247	-0.231250361	0.236209733	0.626702211	Transmembrane emp24 domain-containing protein 9 OS=Mus musculus GN=Tmed9 PE=1 SV=2
Q8BUV8	Gpr107	0.906045339	-0.142344849	0.236242565	0.62664185	Protein GPR107 OS=Mus musculus GN=Gpr107 PE=2 SV=2
Q64727	Vcl	1.077672116	0.107918301	0.236331542	0.626478311	Vinculin OS=Mus musculus GN=Vcl PE=1 SV=4
Q6PD26	Pigs	0.76016588	-0.395613824	0.236435183	0.626287898	GPI transamidase component PIG-S OS=Mus musculus GN=Pigs PE=1 SV=3
Q8R317	Ubqln1	1.087661387	0.121229483	0.236648768	0.625895752	Ubiquilin-1 OS=Mus musculus GN=Ubqln1 PE=1 SV=1
Q9CQD1	Rab5a	1.037930907	0.053710409	0.236730602	0.625745597	Ras-related protein Rab-5A OS=Mus musculus GN=Rab5a PE=1 SV=1
P35803	Gpm6b	1.073156461	0.10186043	0.23673681	0.62573421	Neuronal membrane glycoprotein M6-b OS=Mus musculus GN=Gpm6b PE=1 SV=2
P24472	Gsta4	0.931058247	-0.103056669	0.236807039	0.625605392	Glutathione S-transferase A4 OS=Mus musculus GN=Gsta4 PE=1 SV=3
Q9CX00	Ist1	1.072201466	0.100576013	0.23693271	0.625374978	IST1 homolog OS=Mus musculus GN=Ist1 PE=2 SV=1
Q9JIA1	Lgi1	0.944737184	-0.082015053	0.237249429	0.624794824	Leucine-rich glioma-inactivated protein 1 OS=Mus musculus GN=Lgi1 PE=1 SV=1
Q8BKX1-4	Baiap2	0.977232678	-0.033225988	0.237932991	0.623545336	Isoform 4 of Brain-specific angiogenesis inhibitor 1-associated protein 2 OS=Mus musculus GN=Baiap2
P63163	Snrpn	0.946558432	-0.079236527	0.23805205	0.623328074	Small nuclear ribonucleoprotein-associated protein N OS=Mus musculus GN=Snrpn PE=2 SV=1
P35283	Rab12	0.905952389	-0.142492862	0.238240216	0.622984926	Ras-related protein Rab-12 OS=Mus musculus GN=Rab12 PE=1 SV=3
Q8BX10	Pgam5	1.123708249	0.168267514	0.23888558	0.621810064	Serine/threonine-protein phosphatase PGAM5, mitochondrial OS=Mus musculus GN=Pgam5 PE=2 SV=1
Q9EQU5-2	Set	1.043232815	0.061061156	0.239017283	0.621570695	Isoform 2 of Protein SET OS=Mus musculus GN=Set
P62838	Ube2d2	1.159208031	0.213139495	0.239860488	0.620041288	Ubiquitin-conjugating enzyme E2 D2 OS=Mus musculus GN=Ube2d2 PE=1 SV=1
Q62188	Dpysl3	1.073043493	0.101708553	0.240045954	0.619705609	Dihydropyrimidinase-related protein 3 OS=Mus musculus GN=Dpysl3 PE=1 SV=1
P0C7M9	Clec2l	0.811660954	-0.301050882	0.240110795	0.619588315	C-type lectin domain family 2 member L OS=Mus musculus GN=Clec2l PE=4 SV=1
Q8VHC3	Selm	1.087943116	0.121603126	0.240541999	0.618809085	Selenoprotein M OS=Mus musculus GN=Selm PE=1 SV=3
Q9DCB8	Isca2	1.14406534	0.19416945	0.240756087	0.618422725	Iron-sulfur cluster assembly 2 homolog, mitochondrial OS=Mus musculus GN=Isca2 PE=2 SV=2
Q64338-2	Pde1c	1.185673484	0.245706769	0.240899602	0.618163917	Isoform 2 of Calcium/calmodulin-dependent 3',5'-cyclic nucleotide phosphodiesterase 1C OS=Mus musculus GN=Pde1c
Q60865	Caprin1	0.929040331	-0.106186867	0.241740582	0.616650436	Caprin-1 OS=Mus musculus GN=Caprin1 PE=1 SV=2
Q9QYF9	Ndrg3	1.117653926	0.160473537	0.24235232	0.615552818	Protein NDRG3 OS=Mus musculus GN=Ndrg3 PE=1 SV=1
P09528	Fth1	1.119916894	0.163391678	0.24330643	0.613846414	Ferritin heavy chain OS=Mus musculus GN=Fth1 PE=1 SV=2
P01831	Thy1	0.90993864	-0.136158832	0.243533049	0.613442094	Thy-1 membrane glycoprotein OS=Mus musculus GN=Thy1 PE=1 SV=1
Q8R0Y6	Aldh1l1	1.024848531	0.0354107	0.243836296	0.612901647	Cytosolic 10-formyltetrahydrofolate dehydrogenase OS=Mus musculus GN=Aldh1l1 PE=1 SV=1
Q921F2	Tardbp	1.062771658	0.08783166	0.244179606	0.612290612	TAR DNA-binding protein 43 OS=Mus musculus GN=Tardbp PE=1 SV=1
A2A8L5	Ptprf	1.136557253	0.18467036	0.245806256	0.609407068	Receptor-type tyrosine-protein phosphatase F OS=Mus musculus GN=Ptprf PE=1 SV=1
P35486	Pdha1	0.954078345	-0.067820355	0.246775504	0.607697953	Pyruvate dehydrogenase E1 component subunit alpha, somatic form, mitochondrial OS=Mus musculus GN=Pdha1 PE=1 SV=1
P97434-3	Mprip	0.913053994	-0.131227918	0.246923696	0.607437231	Isoform 3 of Myosin phosphatase Rho-interacting protein OS=Mus musculus GN=Mprip
P62309	Snrpg	0.86020621	-0.217245548	0.247591964	0.606263456	Small nuclear ribonucleoprotein G OS=Mus musculus GN=Snrpg PE=1 SV=1
Q99K10	Nlgn1	1.108014684	0.147977001	0.247711486	0.606053855	Neuroligin-1 OS=Mus musculus GN=Nlgn1 PE=1 SV=2
Q8BGH4	Reep1	1.087941928	0.121601551	0.248015815	0.605520625	Receptor expression-enhancing protein 1 OS=Mus musculus GN=Reep1 PE=1 SV=1
Q9CWS0	Ddah1	1.050003998	0.070394821	0.248099159	0.605374708	N(G),N(G)-dimethylarginine dimethylaminohydrolase 1 OS=Mus musculus GN=Ddah1 PE=1 SV=3
Q6PHN9	Rab35	0.964213614	-0.052575296	0.248226571	0.605151732	Ras-related protein Rab-35 OS=Mus musculus GN=Rab35 PE=1 SV=1
Q91Z61	Diras1	0.962540265	-0.055081203	0.248451985	0.604757529	GTP-binding protein Di-Ras1 OS=Mus musculus GN=Diras1 PE=2 SV=1
Q6PHU5	Sort1	1.048159547	0.067858336	0.248814751	0.604123877	Sortilin OS=Mus musculus GN=Sort1 PE=1 SV=1
Q91YH5	Atl3	0.943490711	-0.08391978	0.248909165	0.603959113	Atlastin-3 OS=Mus musculus GN=Atl3 PE=2 SV=1
Q149F3	Gspt2	0.959603446	-0.059489756	0.249366531	0.603161837	Eukaryotic peptide chain release factor GTP-binding subunit ERF3B OS=Mus musculus GN=Gspt2 PE=1 SV=1
Q3UVX5	Grm5	0.928921468	-0.106371459	0.249420017	0.603068696	Metabotropic glutamate receptor 5 OS=Mus musculus GN=Grm5 PE=1 SV=2
O08600	Endog	0.825453688	-0.276740819	0.249604246	0.602748031	Endonuclease G, mitochondrial OS=Mus musculus GN=Endog PE=2 SV=1
Q8K310	Matr3	1.02675631	0.038093814	0.250050513	0.60197225	Matrin-3 OS=Mus musculus GN=Matr3 PE=1 SV=1
Q9CX34	Sugt1	1.052364168	0.073634032	0.250139005	0.601818581	Suppressor of G2 allele of SKP1 homolog OS=Mus musculus GN=Sugt1 PE=2 SV=3
Q9R0A0	Pex14	0.876741302	-0.189776882	0.25035687	0.601440487	Peroxisomal membrane protein PEX14 OS=Mus musculus GN=Pex14 PE=1 SV=1
Q9QYJ3	Dnajb1	1.131416027	0.178129513	0.250430833	0.601312201	DnaJ homolog subfamily B member 1 OS=Mus musculus GN=Dnajb1 PE=2 SV=3
P62245	Rps15a	0.907841541	-0.13948759	0.250465389	0.601252279	40S ribosomal protein S15a OS=Mus musculus GN=Rps15a PE=1 SV=2
Q6ZPE2	Sbf1	1.08991033	0.124209445	0.250773272	0.600718754	Myotubularin-related protein 5 OS=Mus musculus GN=Sbf1 PE=1 SV=2
Q8R4C2	Rufy2	0.78287951	-0.35313781	0.250843225	0.600597625	RUN and FYVE domain-containing protein 2 OS=Mus musculus GN=Rufy2 PE=1 SV=2
Q9D0J8	Ptms	0.951214404	-0.072157533	0.251367064	0.599691628	Parathymosin OS=Mus musculus GN=Ptms PE=1 SV=3

Accession	Gene	Fold Change (KO vs. WT)	Log2 Fold Change	Students T Test	-Log10 T Test	Description
Q8CHT1	Ngef	0.960335246	-0.058389966	0.251437811	0.599569412	Ephexin-1 OS=Mus musculus GN=Ngef PE=1 SV=1
P21550	Eno3	1.056040231	0.078664796	0.251506084	0.599451505	Beta-enolase OS=Mus musculus GN=Eno3 PE=1 SV=3
Q9JJV9	Scn5a	0.897083224	-0.156686261	0.251655076	0.599194305	Sodium channel protein type 5 subunit alpha OS=Mus musculus GN=Scn5a PE=1 SV=2
Q6ZWR4-3	Ppp2r2b	1.146035093	0.196651222	0.2518789	0.598808213	Isoform 3 of Serine/threonine-protein phosphatase 2A 55 kDa regulatory subunit B beta isoform OS=Mus musculus GN=Ppp2r2b
Q9QZE5	Copg1	1.124406179	0.169163287	0.252112011	0.598406464	Coatomer subunit gamma-1 OS=Mus musculus GN=Copg1 PE=2 SV=1
Q80UK0	Sestd1	0.935193321	-0.096663469	0.252252242	0.598164966	SEC14 domain and spectrin repeat-containing protein 1 OS=Mus musculus GN=Sestd1 PE=2 SV=1
Q80TZ3-3	Dnajc6	0.92352876	-0.114771205	0.253104318	0.596700445	Isoform 3 of Putative tyrosine-protein phosphatase auxilin OS=Mus musculus GN=Dnajc6
Q04750	Top1	0.871420106	-0.198559695	0.253601921	0.59584746	DNA topoisomerase 1 OS=Mus musculus GN=Top1 PE=1 SV=2
Q7TMF5	Serpina12	0.698014191	-0.518671726	0.254559087	0.594211395	Serpin A12 OS=Mus musculus GN=Serpina12 PE=1 SV=2
Q91YP2	Nln	0.943902335	-0.083290503	0.254740153	0.593902594	Neurolysin, mitochondrial OS=Mus musculus GN=Nln PE=2 SV=1
P56382	Atp5e	0.94361019	-0.083737097	0.254989816	0.593477164	ATP synthase subunit epsilon, mitochondrial OS=Mus musculus GN=Atp5e PE=1 SV=2
P70429	Evl	1.108727251	0.148904503	0.255073234	0.593335111	Ena/VASP-like protein OS=Mus musculus GN=Evl PE=1 SV=2
Q99LT0	Dpy30	1.0499757	0.07035594	0.255721027	0.592233559	Protein dpy-30 homolog OS=Mus musculus GN=Dpy30 PE=1 SV=1
Q8R2Y0	Abhd6	1.084896307	0.117557159	0.25573494	0.592209932	Monoacylglycerol lipase ABHD6 OS=Mus musculus GN=Abhd6 PE=2 SV=1
Q9JL26-2	Fmnl1	0.934686871	-0.097444966	0.255784236	0.592126225	Isoform 2 of Formin-like protein 1 OS=Mus musculus GN=Fmnl1
Q8VE47	Uba5	0.891271765	-0.166062692	0.256114708	0.59156548	Ubiquitin-like modifier-activating enzyme 5 OS=Mus musculus GN=Uba5 PE=2 SV=2
Q3TDD9-2	Ppp1r21	0.872767309	-0.19633103	0.256151547	0.591503017	Isoform 2 of Protein phosphatase 1 regulatory subunit 21 OS=Mus musculus GN=Ppp1r21
Q9D8S3	Arfgap3	1.518907312	0.603033836	0.25657043	0.590793398	ADP-ribosylation factor GTPase-activating protein 3 OS=Mus musculus GN=Arfgap3 PE=1 SV=2
P51174	Acadl	0.895619239	-0.159042575	0.257608289	0.589040166	Long-chain specific acyl-CoA dehydrogenase, mitochondrial OS=Mus musculus GN=Acadl PE=1 SV=2
Q8CJG1	Ago1	1.101207096	0.139085811	0.257635903	0.588993616	Protein argonaute-1 OS=Mus musculus GN=Ago1 PE=1 SV=2
P46935	Nedd4	1.082525515	0.114401029	0.25767716	0.588924076	E3 ubiquitin-protein ligase NEDD4 OS=Mus musculus GN=Nedd4 PE=1 SV=3
Q8BKX1-2	Baiap2	0.978557808	-0.031271014	0.258200725	0.588042542	Isoform 2 of Brain-specific angiogenesis inhibitor 1-associated protein 2 OS=Mus musculus GN=Baiap2
P28661-3	Sept4	0.915077119	-0.128034761	0.258350824	0.587790148	Isoform 3 of Septin-4 OS=Mus musculus GN=Sept4
P26883	Fkbp1a	1.061123027	0.085591933	0.258960718	0.586766109	Peptidyl-prolyl cis-trans isomerase FKBP1A OS=Mus musculus GN=Fkbp1a PE=1 SV=2
Q8BFQ4	Wdr82	1.136904364	0.1851109	0.25942118	0.58599457	WD repeat-containing protein 82 OS=Mus musculus GN=Wdr82 PE=1 SV=1
Q9D6U8	Fam162a	0.869499985	-0.201742093	0.259977243	0.585064665	Protein FAM162A OS=Mus musculus GN=Fam162a PE=2 SV=1
P26645	Marcks	1.110332366	0.150991597	0.260254065	0.584602479	Myristoylated alanine-rich C-kinase substrate OS=Mus musculus GN=Marcks PE=1 SV=2
Q61033	Tmpo	0.838229025	-0.254583617	0.260609069	0.584010476	Lamina-associated polypeptide 2, isoforms alpha/zeta OS=Mus musculus GN=Tmpo PE=1 SV=4
Q61029-3	Tmpo	0.838229025	-0.254583617	0.260609069	0.584010476	Isoform Epsilon of Lamina-associated polypeptide 2, isoforms beta/delta/epsilon/gamma OS=Mus musculus GN=Tmpo
Q99MI1	Erc1	1.06324068	0.088468208	0.260738732	0.58379445	ELKS/Rab6-interacting/CAST family member 1 OS=Mus musculus GN=Erc1 PE=1 SV=1
Q8C0L0	Tmx4	1.149589128	0.201118323	0.261112976	0.583171545	Thioredoxin-related transmembrane protein 4 OS=Mus musculus GN=Tmx4 PE=2 SV=2
Q6ZQ58	Larp1	0.927459597	-0.10864366	0.261452206	0.58260769	La-related protein 1 OS=Mus musculus GN=Larp1 PE=1 SV=2
Q8BKX1	Baiap2	0.978793214	-0.030923996	0.261791578	0.582044329	Brain-specific angiogenesis inhibitor 1-associated protein 2 OS=Mus musculus GN=Baiap2 PE=1 SV=2
Q9CZY3	Ube2v1	1.045469226	0.064150596	0.261837492	0.581968168	Ubiquitin-conjugating enzyme E2 variant 1 OS=Mus musculus GN=Ube2v1 PE=1 SV=1
Q7M750	Opalin	0.756071903	-0.403404653	0.262138127	0.581469808	Opalin OS=Mus musculus GN=Opalin PE=1 SV=1
P15105	Glul	0.956298158	-0.064467597	0.262549477	0.580788842	Glutamine synthetase OS=Mus musculus GN=Glul PE=1 SV=6
Q9ESP1	Sdf2l1	1.097267268	0.133914974	0.262809847	0.580358367	Stromal cell-derived factor 2-like protein 1 OS=Mus musculus GN=Sdf2l1 PE=2 SV=2
Q80YA7	Dpp8	0.845430193	-0.242242459	0.26282893	0.580326833	Dipeptidyl peptidase 8 OS=Mus musculus GN=Dpp8 PE=2 SV=1
Q00623	Apoa1	0.888614904	-0.170369756	0.262844605	0.580300932	Apolipoprotein A-I OS=Mus musculus GN=Apoa1 PE=1 SV=2
P62827	Ran	0.955596407	-0.065526665	0.262995561	0.580051582	GTP-binding nuclear protein Ran OS=Mus musculus GN=Ran PE=1 SV=3
Q64332-2	Syn2	1.048526876	0.068363841	0.263401254	0.579382162	Isoform IIb of Synapsin-2 OS=Mus musculus GN=Syn2
Q8K1J6-2	Trnt1	0.87702955	-0.189302642	0.263405275	0.579375532	Isoform 2 of CCA tRNA nucleotidyltransferase 1, mitochondrial OS=Mus musculus GN=Trnt1
Q5ND34-3	Wdr81	1.294292457	0.372163644	0.263548947	0.579138715	Isoform 3 of WD repeat-containing protein 81 OS=Mus musculus GN=Wdr81
P84099	Rpl19	0.922187246	-0.116868382	0.263669964	0.578939341	60S ribosomal protein L19 OS=Mus musculus GN=Rpl19 PE=1 SV=1
Q00262	Stx2	1.134668275	0.182270581	0.263846338	0.578648928	Syntaxin-2 OS=Mus musculus GN=Stx2 PE=1 SV=1
Q99LF4	Rtcb	1.024228828	0.034538071	0.263940073	0.578494667	tRNA-splicing ligase RtcB homolog OS=Mus musculus GN=Rtcb PE=2 SV=1
P62627	Dynlrb1	1.036765415	0.052089498	0.264179132	0.57810149	Dynein light chain roadblock-type 1 OS=Mus musculus GN=Dynlrb1 PE=1 SV=3
Q9WVK4	Ehd1	1.06295544	0.08808112	0.264950645	0.576835019	EH domain-containing protein 1 OS=Mus musculus GN=Ehd1 PE=1 SV=1
Q9JIY5	Htra2	1.145135741	0.195518621	0.265194084	0.576436168	Serine protease HTRA2, mitochondrial OS=Mus musculus GN=Htra2 PE=1 SV=2
P97379	G3bp2	0.939998794	-0.08926919	0.2666292	0.574092291	Ras GTPase-activating protein-binding protein 2 OS=Mus musculus GN=G3bp2 PE=1 SV=2
O88343-2	Slc4a4	1.06248313	0.087439934	0.266787159	0.573835077	Isoform 2 of Electrogenic sodium bicarbonate cotransporter 1 OS=Mus musculus GN=Slc4a4
P63082	Atp6v0c	1.096985807	0.133544859	0.266806074	0.573804288	V-type proton ATPase 16 kDa proteolipid subunit OS=Mus musculus GN=Atp6v0c PE=2 SV=1
Q7TMB8	Cyfip1	0.985003011	-0.02179996	0.26682097	0.573780041	Cytoplasmic FMR1-interacting protein 1 OS=Mus musculus GN=Cyfip1 PE=1 SV=1
P63260	Actg1	1.101071043	0.138907557	0.267652072	0.57242939	Actin, cytoplasmic 2 OS=Mus musculus GN=Actg1 PE=1 SV=1
Q8BSS9	Ppfia2	1.147513682	0.198511355	0.267690322	0.572367329	Liprin-alpha-2 OS=Mus musculus GN=Ppfia2 PE=1 SV=2
Q99LB2	Dhrs4	1.068128541	0.095085274	0.267700038	0.572351567	Dehydrogenase/reductase SDR family member 4 OS=Mus musculus GN=Dhrs4 PE=1 SV=3
P56565	S100a1	0.923878168	-0.114225479	0.267957699	0.57193376	Protein S100-A1 OS=Mus musculus GN=S100a1 PE=1 SV=2
Q9D554	Sf3a3	0.894092846	-0.161503441	0.268108237	0.571689844	Splicing factor 3A subunit 3 OS=Mus musculus GN=Sf3a3 PE=2 SV=2
Q80U49	Cep170b	0.91187059	-0.133098998	0.268181292	0.571571522	Centrosomal protein of 170 kDa protein B OS=Mus musculus GN=Cep170b PE=1 SV=2
Q9ERG2	Strn3	0.880726501	-0.183234018	0.268780258	0.570602633	Striatin-3 OS=Mus musculus GN=Strn3 PE=1 SV=1
O55106	Strn	0.921130769	-0.11852211	0.268974891	0.570288261	Striatin OS=Mus musculus GN=Strn PE=1 SV=2
Q9R1T2-2	Sae1	0.939944567	-0.089352418	0.26931597	0.569737894	Isoform 2 of SUMO-activating enzyme subunit 1 OS=Mus musculus GN=Sae1
P99029	Prdx5	0.916880586	-0.125194245	0.269553795	0.56935455	Peroxiredoxin-5, mitochondrial OS=Mus musculus GN=Prdx5 PE=1 SV=2
Q64467	Gapdhs	1.091868631	0.126799287	0.269709394	0.569103927	Glyceraldehyde-3-phosphate dehydrogenase, testis-specific OS=Mus musculus GN=Gapdhs PE=2 SV=1
Q8R1N4-4	Nudcd3	0.896960957	-0.156882907	0.27012819	0.568430091	Isoform 4 of NudC domain-containing protein 3 OS=Mus musculus GN=Nudcd3
Q9QXJ1	Apbb1	0.867631984	-0.204844859	0.270633156	0.567618998	Amyloid beta A4 precursor protein-binding family B member 1 OS=Mus musculus GN=Apbb1 PE=1 SV=3
Q8CCS6	Pabpn1	1.053821682	0.075630767	0.271344115	0.566479592	Polyadenylate-binding protein 2 OS=Mus musculus GN=Pabpn1 PE=2 SV=3
P63268	Actg2	1.083283373	0.115410683	0.271358128	0.566457166	Actin, gamma-enteric smooth muscle OS=Mus musculus GN=Actg2 PE=1 SV=1
Q80W00	Ppp1r10	0.898320891	-0.15469721	0.271691212	0.565924409	Serine/threonine-protein phosphatase 1 regulatory subunit 10 OS=Mus musculus GN=Ppp1r10 PE=1 SV=1
P99028	Uqcrh	1.090299283	0.124724204	0.271697639	0.565914135	Cytochrome b-c1 complex subunit 6, mitochondrial OS=Mus musculus GN=Uqcrh PE=1 SV=2
Q9JHI5	Ivd	0.941130177	-0.087533804	0.271823764	0.565712578	Isovaleryl-CoA dehydrogenase, mitochondrial OS=Mus musculus GN=Ivd PE=1 SV=1
Q922J3	Clip1	1.044930205	0.063406583	0.271824774	0.565710964	CAP-Gly domain-containing linker protein 1 OS=Mus musculus GN=Clip1 PE=1 SV=1
O35972	Mrpl23	1.195385481	0.257475925	0.272031261	0.565381185	39S ribosomal protein L23, mitochondrial OS=Mus musculus GN=Mrpl23 PE=2 SV=1
Q9D328	Tmem35	0.935958446	-0.095483615	0.272241107	0.565046298	Transmembrane protein 35 OS=Mus musculus GN=Tmem35 PE=2 SV=1
Q8C7E9	Cstf2t	1.15444353	0.207197605	0.272334015	0.564898111	Cleavage stimulation factor subunit 2 tau variant OS=Mus musculus GN=Cstf2t PE=1 SV=2
Q8BH44	Coro2b	0.892617784	-0.163885544	0.273093925	0.56368796	Coronin-2B OS=Mus musculus GN=Coro2b PE=2 SV=2
O88712-3	Ctbp1	1.113589462	0.155217464	0.273254246	0.563433081	Isoform 3 of C-terminal-binding protein 1 OS=Mus musculus GN=Ctbp1
Q9CZA6-3	Nde1	1.119527575	0.162890064	0.273940443	0.562343846	Isoform 3 of Nuclear distribution protein nudE homolog 1 OS=Mus musculus GN=Nde1
Q3THE2	Myl12b	1.063556862	0.088897168	0.274192833	0.561943902	Myosin regulatory light chain 12B OS=Mus musculus GN=Myl12b PE=1 SV=2
Q9DB32	Haghl	0.838480856	-0.254150251	0.274736257	0.561084022	Hydroxyacylglutathione hydrolase-like protein OS=Mus musculus GN=Haghl PE=2 SV=1
Q9CYS8-4	Serbp1	1.114683014	0.156633504	0.274938042	0.560765165	Isoform 4 of Plasminogen activator inhibitor 1 RNA-binding protein OS=Mus musculus GN=Serbp1
Q8K3H0	Appl1	1.087274464	0.12071617	0.27524844	0.560275134	DCC-interacting protein 13-alpha OS=Mus musculus GN=Appl1 PE=1 SV=1
Q4KML4	Abracl	0.876181788	-0.190697867	0.275254735	0.560265201	Costars family protein ABRACL OS=Mus musculus GN=Abracl PE=3 SV=1
O70480	Vamp4	1.176464071	0.234457262	0.275611368	0.559702874	Vesicle-associated membrane protein 4 OS=Mus musculus GN=Vamp4 PE=1 SV=1
O08788	Dctn1	1.039526127	0.055926019	0.275742443	0.559496381	Dynactin subunit 1 OS=Mus musculus GN=Dctn1 PE=1 SV=3
P23819	Gria2	0.971089581	-0.042323707	0.275767764	0.559456502	Glutamate receptor 2 OS=Mus musculus GN=Gria2 PE=1 SV=3
B0V2N1-3	Ptprs	1.051425507	0.072346639	0.276711529	0.557972747	Isoform 3 of Receptor-type tyrosine-protein phosphatase S OS=Mus musculus GN=Ptprs
Q9CQZ6	Ndufb3	0.943972884	-0.083182676	0.276898917	0.557678742	NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 3 OS=Mus musculus GN=Ndufb3 PE=1 SV=1
O88532	Zfr	1.105342533	0.144493514	0.277109055	0.557349282	Zinc finger RNA-binding protein OS=Mus musculus GN=Zfr PE=1 SV=2
Q8BTG7-2	Ndrg4	1.093402702	0.128824846	0.277549935	0.55665887	Isoform 2 of Protein NDRG4 OS=Mus musculus GN=Ndrg4
Q9JLB0	Mpp6	0.954994001	-0.066436425	0.27805119	0.555875241	MAGUK p55 subfamily member 6 OS=Mus musculus GN=Mpp6 PE=1 SV=1
Q9R0S3	Mmp17	1.145308895	0.195736752	0.278114645	0.555776142	Matrix metalloproteinase-17 OS=Mus musculus GN=Mmp17 PE=1 SV=3
Q8VCH0	Acaa1b	1.092770992	0.127991093	0.278136195	0.555742491	3-ketoacyl-CoA thiolase B, peroxisomal OS=Mus musculus GN=Acaa1b PE=1 SV=1
Q8VH51	Rbm39	1.02217114	0.031636763	0.278336555	0.555429753	RNA-binding protein 39 OS=Mus musculus GN=Rbm39 PE=1 SV=2
Q6PDS3-3	Sarm1	1.095133715	0.131107032	0.278747573	0.554788905	Isoform 3 of Sterile alpha and TIR motif-containing protein 1 OS=Mus musculus GN=Sarm1
P50396	Gdi1	1.026713197	0.038033234	0.279143342	0.554172727	Rab GDP dissociation inhibitor alpha OS=Mus musculus GN=Gdi1 PE=1 SV=3
Q61820	Rasl2-9	0.963211019	-0.054076199	0.27948749	0.553637627	GTP-binding nuclear protein Ran, testis-specific isoform OS=Mus musculus GN=Rasl2-9 PE=2 SV=1
Q8R4E6	Purg	0.890067722	-0.168012985	0.279743521	0.553239963	Purine-rich element-binding protein gamma OS=Mus musculus GN=Purg PE=2 SV=1
Q9WVP1	Ap1m2	0.871839272	-0.197865904	0.27999803	0.552845024	AP-1 complex subunit mu-2 OS=Mus musculus GN=Ap1m2 PE=1 SV=3
Q8CGA4	Mturn	1.314375436	0.394377424	0.28007299	0.552728771	Maturin OS=Mus musculus GN=Mturn PE=2 SV=1
Q9CPY7	Lap3	1.043691707	0.061695622	0.280243913	0.552463812	Cytosol aminopeptidase OS=Mus musculus GN=Lap3 PE=1 SV=3
Q8C8N2	Scai	0.93202068	-0.101566129	0.280315903	0.552352262	Protein SCAI OS=Mus musculus GN=Scai PE=1 SV=2
Q9JM63	Kcnj10	0.92632337	-0.110412183	0.280524939	0.552028524	ATP-sensitive inward rectifier potassium channel 10 OS=Mus musculus GN=Kcnj10 PE=1 SV=1
Q8CI95	Osbpl11	1.084758407	0.117373767	0.280829843	0.551556743	Oxysterol-binding protein-related protein 11 OS=Mus musculus GN=Osbpl11 PE=1 SV=2
Q8R088	Golph3l	1.296991412	0.375168927	0.280876934	0.551483924	Golgi phosphoprotein 3-like OS=Mus musculus GN=Golph3l PE=1 SV=1
Q61315-3	Apc	1.182716049	0.242103748	0.281072134	0.551182209	Isoform 3 of Adenomatous polyposis coli protein OS=Mus musculus GN=Apc
Q8BWG8	Arrb1	1.100960934	0.138763277	0.281394328	0.55068466	Beta-arrestin-1 OS=Mus musculus GN=Arrb1 PE=1 SV=1
Q9Z1Z0	Uso1	1.070037036	0.097660732	0.281529054	0.55047678	General vesicular transport factor p115 OS=Mus musculus GN=Uso1 PE=1 SV=2
Q9QYA2	Tomm40	0.954749618	-0.066805657	0.281691185	0.550226743	Mitochondrial import receptor subunit TOM40 homolog OS=Mus musculus GN=Tomm40 PE=1 SV=3
Q8BR92	Palm2	1.09811751	0.135032447	0.281713188	0.550192822	Paralemmin-2 OS=Mus musculus GN=Palm2 PE=1 SV=1
Q8BK64	Ahsa1	1.090362832	0.12480829	0.281790094	0.550074278	Activator of 90 kDa heat shock protein ATPase homolog 1 OS=Mus musculus GN=Ahsa1 PE=2 SV=2
Q5FWK3	Arhgap1	1.065883805	0.092050174	0.2825846	0.548851509	Rho GTPase-activating protein 1 OS=Mus musculus GN=Arhgap1 PE=1 SV=1
Q9Z1R2	Bag6	1.087507226	0.121024987	0.282718714	0.548645443	Large proline-rich protein BAG6 OS=Mus musculus GN=Bag6 PE=1 SV=1
Q9D0M1	Prpsap1	1.126849306	0.172294596	0.28279682	0.548525478	Phosphoribosyl pyrophosphate synthase-associated protein 1 OS=Mus musculus GN=Prpsap1 PE=1 SV=1
Q6IRU5-2	Cltb	0.920521884	-0.119476075	0.282876274	0.548403477	Isoform 2 of Clathrin light chain B OS=Mus musculus GN=Cltb
Q8VE70	Pdcd10	0.912039961	-0.132831058	0.282881008	0.54839621	Programmed cell death protein 10 OS=Mus musculus GN=Pdcd10 PE=1 SV=1
P62812	Gabra1	0.934847107	-0.097197661	0.282946084	0.548296312	Gamma-aminobutyric acid receptor subunit alpha-1 OS=Mus musculus GN=Gabra1 PE=1 SV=1

Accession	Gene	Fold Change (KO vs. WT)	Log2 Fold Change	Students T Test	-Log10 T Test	Description
G5E8K5-5	Ank3	0.946820648	-0.078836927	0.283025395	0.548174594	Isoform 5 of Ankyrin-3 OS=Mus musculus GN=Ank3
Q9D8T7-2	Slirp	1.246877735	0.318320006	0.283259384	0.547815694	Isoform 2 of SRA stem-loop-interacting RNA-binding protein, mitochondrial OS=Mus musculus GN=Slirp
Q811P8	Arhgap32	0.918435056	-0.122750385	0.283438081	0.547541801	Rho GTPase-activating protein 32 OS=Mus musculus GN=Arhgap32 PE=1 SV=2
Q9WV80	Snx1	0.947162747	-0.078315755	0.284001041	0.546680069	Sorting nexin-1 OS=Mus musculus GN=Snx1 PE=1 SV=1
Q9Z1G4	Atp6v0a1	1.044779529	0.063198535	0.284258247	0.546286927	V-type proton ATPase 116 kDa subunit a isoform 1 OS=Mus musculus GN=Atp6v0a1 PE=1 SV=3
Q80TL0	Ppm1e	1.070200826	0.097881548	0.284267354	0.546273013	Protein phosphatase 1E OS=Mus musculus GN=Ppm1e PE=1 SV=2
P62748	Hpcal1	0.942465581	-0.085488163	0.284433683	0.546018975	Hippocalcin-like protein 1 OS=Mus musculus GN=Hpcal1 PE=2 SV=2
Q7TNV0	Dek	0.870070399	-0.200795958	0.284582933	0.545791149	Protein DEK OS=Mus musculus GN=Dek PE=1 SV=1
Q3TIX9	Usp39	0.908180532	-0.138948983	0.284675076	0.545650555	U4/U6.U5 tri-snRNP-associated protein 2 OS=Mus musculus GN=Usp39 PE=2 SV=2
Q8JZX4	Rbm17	1.093958137	0.129557531	0.284699436	0.545613393	Splicing factor 45 OS=Mus musculus GN=Rbm17 PE=1 SV=1
Q9DCS2		1.129295384	0.175422893	0.285196183	0.544856292	UPF0585 protein C16orf13 homolog OS=Mus musculus PE=1 SV=1
Q6ZQ29-2	Taok2	1.158486656	0.212241427	0.28521984	0.544820268	Isoform 2 of Serine/threonine-protein kinase TAO2 OS=Mus musculus GN=Taok2
Q920E5	Fdps	1.077187866	0.107269883	0.285549297	0.544318905	Farnesyl pyrophosphate synthase OS=Mus musculus GN=Fdps PE=1 SV=1
Q60649	Clpb	0.854510858	-0.226829271	0.285879571	0.543816879	Caseinolytic peptidase B protein homolog OS=Mus musculus GN=Clpb PE=1 SV=1
P63038	Hspd1	0.966109226	-0.049741789	0.285969094	0.5436809	60 kDa heat shock protein, mitochondrial OS=Mus musculus GN=Hspd1 PE=1 SV=1
Q64332	Syn2	1.040547654	0.057343037	0.286114575	0.543460018	Synapsin-2 OS=Mus musculus GN=Syn2 PE=1 SV=2
Q9Z1J3	Nfs1	1.031803743	0.045168586	0.28643008	0.542981375	Cysteine desulfurase, mitochondrial OS=Mus musculus GN=Nfs1 PE=2 SV=3
Q8BK72	Mrps27	0.934013813	-0.09848421	0.286728063	0.542529799	28S ribosomal protein S27, mitochondrial OS=Mus musculus GN=Mrps27 PE=2 SV=2
P16330	Cnp	0.851080431	-0.232632615	0.287003507	0.542112797	2',3'-cyclic-nucleotide 3'-phosphodiesterase OS=Mus musculus GN=Cnp PE=1 SV=3
O88990	Actn3	0.927731922	-0.108220111	0.287705259	0.541052199	Alpha-actinin-3 OS=Mus musculus GN=Actn3 PE=2 SV=1
Q11011	Npepps	0.978463799	-0.03140962	0.28798986	0.540622803	Puromycin-sensitive aminopeptidase OS=Mus musculus GN=Npepps PE=1 SV=2
P61514	Rpl37a	0.909129214	-0.137442736	0.288061011	0.54051552	60S ribosomal protein L37a OS=Mus musculus GN=Rpl37a PE=2 SV=2
Q9CTY5	Micu3	0.87815736	-0.187448611	0.288127005	0.540416036	Calcium uptake protein 3, mitochondrial OS=Mus musculus GN=Micu3 PE=2 SV=2
Q8BXR5	Nalcn	0.842018349	-0.248076423	0.288153182	0.540376581	Sodium leak channel non-selective protein OS=Mus musculus GN=Nalcn PE=1 SV=2
Q93092	Taldo1	0.940767213	-0.088090314	0.288421808	0.539971906	Transaldolase OS=Mus musculus GN=Taldo1 PE=1 SV=2
Q9WV54	Asah1	1.233886275	0.303209431	0.288422081	0.539971493	Acid ceramidase OS=Mus musculus GN=Asah1 PE=1 SV=1
Q4FZG7	Timm8a2	1.051609712	0.072599372	0.288531859	0.539806226	Putative mitochondrial import inner membrane translocase subunit Tim8 A-B OS=Mus musculus GN=Timm8a2 PE=3 SV=1
P68033	Actc1	1.08256693	0.114456223	0.288876657	0.539287551	Actin, alpha cardiac muscle 1 OS=Mus musculus GN=Actc1 PE=1 SV=1
P12787	Cox5a	0.938896297	-0.090962277	0.288913723	0.539231829	Cytochrome c oxidase subunit 5A, mitochondrial OS=Mus musculus GN=Cox5a PE=1 SV=2
P68134	Acta1	1.082647456	0.114563532	0.289174726	0.538839667	Actin, alpha skeletal muscle OS=Mus musculus GN=Acta1 PE=1 SV=1
Q9ES97-4	Rtn3	1.097334515	0.134003389	0.289986187	0.537622688	Isoform 4 of Reticulon-3 OS=Mus musculus GN=Rtn3
Q8VCN5	Cth	0.460966332	-1.11726671	0.290086721	0.537472151	Cystathionine gamma-lyase OS=Mus musculus GN=Cth PE=1 SV=1
O88844	Idh1	1.069270372	0.096626694	0.29020986	0.537287836	Isocitrate dehydrogenase [NADP] cytoplasmic OS=Mus musculus GN=Idh1 PE=1 SV=2
Q9QUN9	Dkk3	1.146209974	0.196871356	0.290360864	0.53706192	Dickkopf-related protein 3 OS=Mus musculus GN=Dkk3 PE=2 SV=1
P15532	Nme1	0.948117158	-0.076862752	0.290410829	0.536987193	Nucleoside diphosphate kinase A OS=Mus musculus GN=Nme1 PE=1 SV=1
Q8BTM8-2	Flna	1.221902126	0.28912873	0.290504581	0.536847015	Isoform 2 of Filamin-A OS=Mus musculus GN=Flna
Q9Z1N5	Ddx39b	1.057842873	0.081125352	0.290697587	0.536558573	Spliceosome RNA helicase Ddx39b OS=Mus musculus GN=Ddx39b PE=1 SV=1
Q9D658	Ptp4a3	1.21130103	0.276557445	0.290967149	0.536156041	Protein tyrosine phosphatase type IVA 3 OS=Mus musculus GN=Ptp4a3 PE=1 SV=1
Q9DCJ1	Mlst8	0.921014459	-0.118704289	0.29165702	0.535127566	Target of rapamycin complex subunit LST8 OS=Mus musculus GN=Mlst8 PE=1 SV=1
Q91VA6	Poldip2	1.17866852	0.237158042	0.291897559	0.534769536	Polymerase delta-interacting protein 2 OS=Mus musculus GN=Poldip2 PE=2 SV=1
Q8C8N2-2	Scai	0.921538721	-0.117883309	0.29195769	0.534680081	Isoform 2 of Protein SCAI OS=Mus musculus GN=Scai
P45376	Akr1b1	0.969358941	-0.044897119	0.292015767	0.534593699	Aldose reductase OS=Mus musculus GN=Akr1b1 PE=1 SV=3
Q91X96	Rabif	1.147825875	0.198903802	0.292186456	0.534339919	Guanine nucleotide exchange factor MSS4 OS=Mus musculus GN=Rabif PE=2 SV=1
Q8R1F6	Hid1	1.098837733	0.135978357	0.292197032	0.534324199	Protein HID1 OS=Mus musculus GN=Hid1 PE=1 SV=1
Q8BGG7	Ubash3b	1.111871196	0.15298967	0.292248619	0.534247533	Ubiquitin-associated and SH3 domain-containing protein B OS=Mus musculus GN=Ubash3b PE=1 SV=1
Q9CXJ4	Abcb8	0.814155575	-0.296623592	0.292280845	0.534199646	ATP-binding cassette sub-family B member 8, mitochondrial OS=Mus musculus GN=Abcb8 PE=2 SV=1
Q62283	Tspan7	1.143314707	0.193222572	0.292452313	0.533944939	Tetraspanin-7 OS=Mus musculus GN=Tspan7 PE=2 SV=2
Q6PHZ8-3	Kcnip4	0.923822922	-0.114311752	0.292600567	0.533724836	Isoform 3 of Kv channel-interacting protein 4 OS=Mus musculus GN=Kcnip4
Q3TCH7	Cul4a	0.916942782	-0.125096384	0.292669756	0.533622154	Cullin-4A OS=Mus musculus GN=Cul4a PE=1 SV=1
Q78JW9	Ubfd1	1.119597076	0.162979624	0.292924897	0.533243714	Ubiquitin domain-containing protein UBFD1 OS=Mus musculus GN=Ubfd1 PE=1 SV=2
Q62418-3	Dbnl	0.954959522	-0.066488512	0.292980594	0.533161145	Isoform 3 of Drebrin-like protein OS=Mus musculus GN=Dbnl
Q62376	Snrnp70	0.966935814	-0.04850797	0.293145017	0.532917483	U1 small nuclear ribonucleoprotein 70 kDa OS=Mus musculus GN=Snrnp70 PE=1 SV=2
Q9D0Q7	Mrpl45	1.076082146	0.105788215	0.293203372	0.53283104	39S ribosomal protein L45, mitochondrial OS=Mus musculus GN=Mrpl45 PE=2 SV=1
O70152	Dpm1	0.860128381	-0.217376085	0.293314902	0.532665872	Dolichol-phosphate mannosyltransferase subunit 1 OS=Mus musculus GN=Dpm1 PE=2 SV=1
Q91ZT5-3	Fgd4	0.890695379	-0.166995986	0.293355822	0.532605288	Isoform 3 of FYVE, RhoGEF and PH domain-containing protein 4 OS=Mus musculus GN=Fgd4
P11983-2	Tcp1	1.027241243	0.038775032	0.293612572	0.532225352	Isoform 2 of T-complex protein 1 subunit alpha OS=Mus musculus GN=Tcp1
Q9CR09	Ufc1	1.062304019	0.087196707	0.293822432	0.531915051	Ubiquitin-fold modifier-conjugating enzyme 1 OS=Mus musculus GN=Ufc1 PE=2 SV=1
Q9ESW4	Agk	0.944934376	-0.081713955	0.294018128	0.531625892	Acylglycerol kinase, mitochondrial OS=Mus musculus GN=Agk PE=1 SV=1
O88384	Vti1b	0.922749835	-0.11598852	0.294130094	0.531460539	Vesicle transport through interaction with t-SNAREs homolog 1B OS=Mus musculus GN=Vti1b PE=1 SV=1
Q9CY57-3	Chtop	0.916655083	-0.125549113	0.294285468	0.531231184	Isoform 3 of Chromatin target of PRMT1 protein OS=Mus musculus GN=Chtop
Q80TB8	Vat1l	1.07057357	0.098383942	0.295633353	0.529246571	Synaptic vesicle membrane protein VAT-1 homolog-like OS=Mus musculus GN=Vat1l PE=2 SV=2
Q9Z2W9	Gria3	0.917281488	-0.12456357	0.295839711	0.52894353	Glutamate receptor 3 OS=Mus musculus GN=Gria3 PE=1 SV=2
Q8BW96-3	Camk1d	1.06578782	0.091920251	0.295853695	0.528923003	Isoform 3 of Calcium/calmodulin-dependent protein kinase type 1D OS=Mus musculus GN=Camk1d
Q9R1P3	Psmb2	1.074148632	0.103193636	0.296601687	0.527826383	Proteasome subunit beta type-2 OS=Mus musculus GN=Psmb2 PE=1 SV=1
P62858	Rps28	1.147360971	0.198319349	0.296829993	0.527492218	40S ribosomal protein S28 OS=Mus musculus GN=Rps28 PE=2 SV=1
Q9QXK3-3	Copg2	1.215301805	0.281314634	0.297020877	0.527213024	Isoform 3 of Coatomer subunit gamma-2 OS=Mus musculus GN=Copg2
Q07813	Bax	0.952208633	-0.070650385	0.297075911	0.527132562	Apoptosis regulator BAX OS=Mus musculus GN=Bax PE=1 SV=1
P70122	Sbds	1.100836545	0.13860027	0.297154967	0.527017006	Ribosome maturation protein SBDS OS=Mus musculus GN=Sbds PE=1 SV=4
Q9ES97-5	Rtn3	1.049101681	0.069154514	0.297268015	0.526851816	Isoform 5 of Reticulon-3 OS=Mus musculus GN=Rtn3
Q922E4	Pcyt2	1.041258329	0.058328035	0.297541884	0.526451891	Ethanolamine-phosphate cytidylyltransferase OS=Mus musculus GN=Pcyt2 PE=1 SV=1
O35683	Ndufa1	0.854404172	-0.227009404	0.297745519	0.526154765	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 1 OS=Mus musculus GN=Ndufa1 PE=3 SV=1
Q9D4H8	Cul2	1.033260368	0.04720384	0.297890009	0.525944062	Cullin-2 OS=Mus musculus GN=Cul2 PE=1 SV=2
O08585	Clta	0.949046602	-0.075449163	0.298217663	0.525466638	Clathrin light chain A OS=Mus musculus GN=Clta PE=1 SV=2
A2RSJ4	Uhrf1bp1l	1.091962299	0.126923047	0.298339328	0.525289493	UHRF1-binding protein 1-like OS=Mus musculus GN=Uhrf1bp1l PE=1 SV=2
Q3UHB1	Nt5dc3	0.945206669	-0.081298287	0.29872517	0.524728183	5'-nucleotidase domain-containing protein 3 OS=Mus musculus GN=Nt5dc3 PE=2 SV=1
Q8R527	Rhoq	0.921541815	-0.117878466	0.299050959	0.524254801	Rho-related GTP-binding protein RhoQ OS=Mus musculus GN=Rhoq PE=1 SV=2
Q6IRU5	Cltb	0.925102799	-0.112314406	0.299141328	0.524123583	Clathrin light chain B OS=Mus musculus GN=Cltb PE=1 SV=1
Q9DCH4	Eif3f	0.946178153	-0.079816244	0.299953879	0.522945517	Eukaryotic translation initiation factor 3 subunit F OS=Mus musculus GN=Eif3f PE=1 SV=2
Q99K01-4	Pdxdc1	1.258520092	0.331728249	0.300573017	0.52205001	Isoform 4 of Pyridoxal-dependent decarboxylase domain-containing protein 1 OS=Mus musculus GN=Pdxdc1
Q9QY76	Vapb	0.917115478	-0.124824694	0.300922718	0.521545024	Vesicle-associated membrane protein-associated protein B OS=Mus musculus GN=Vapb PE=2 SV=3
Q9WUF3	Casp8ap2	1.150932333	0.202803016	0.301178337	0.521176269	CASP8-associated protein 2 OS=Mus musculus GN=Casp8ap2 PE=1 SV=2
Q8BFU3	Rnf214	1.09838533	0.135384263	0.301571247	0.520610069	RING finger protein 214 OS=Mus musculus GN=Rnf214 PE=2 SV=1
Q99020	Hnrnpab	0.883435322	-0.178803579	0.302146578	0.519782319	Heterogeneous nuclear ribonucleoprotein A/B OS=Mus musculus GN=Hnrnpab PE=1 SV=1
P54822	Adsl	1.04973198	0.070021023	0.30243628	0.519366113	Adenylosuccinate lyase OS=Mus musculus GN=Adsl PE=2 SV=2
Q9ET01	Pygl	0.946395491	-0.079484894	0.302443057	0.519356381	Glycogen phosphorylase, liver form OS=Mus musculus GN=Pygl PE=1 SV=4
Q9EQU5	Set	1.043220813	0.061044558	0.302859497	0.518758804	Protein SET OS=Mus musculus GN=Set PE=1 SV=1
Q9CRD0	Ociad1	1.110668218	0.151427915	0.3034347	0.517934755	OCIA domain-containing protein 1 OS=Mus musculus GN=Ociad1 PE=1 SV=1
O08997	Atox1	0.916669676	-0.125526146	0.303530338	0.517797895	Copper transport protein ATOX1 OS=Mus musculus GN=Atox1 PE=1 SV=1
Q9Z1Z0-4	Uso1	1.074013353	0.10301193	0.303612246	0.517680716	Isoform 4 of General vesicular transport factor p115 OS=Mus musculus GN=Uso1
Q9QXT8	Kcnip3	0.924153446	-0.113795679	0.303845861	0.517346675	Calsenilin OS=Mus musculus GN=Kcnip3 PE=1 SV=2
P30999-3	Ctnnd1	1.04269614	0.060318793	0.304195221	0.516847613	Isoform 3 of Catenin delta-1 OS=Mus musculus GN=Ctnnd1
Q9DCS3	Mecr	0.937215128	-0.093547853	0.305059135	0.515615965	Trans-2-enoyl-CoA reductase, mitochondrial OS=Mus musculus GN=Mecr PE=1 SV=2
Q9R0P5	Dstn	0.961618044	-0.056464128	0.306196423	0.513999887	Destrin OS=Mus musculus GN=Dstn PE=1 SV=3
P52196	Tst	1.082827637	0.114803615	0.306231846	0.513949648	Thiosulfate sulfurtransferase OS=Mus musculus GN=Tst PE=1 SV=3
Q9Z1K5	Arih1	1.068463712	0.095537911	0.306474391	0.51360581	E3 ubiquitin-protein ligase ARIH1 OS=Mus musculus GN=Arih1 PE=1 SV=3
Q9D0E3	Lysmd1	1.099766624	0.137197409	0.306495329	0.51357614	LysM and putative peptidoglycan-binding domain-containing protein 1 OS=Mus musculus GN=Lysmd1 PE=2 SV=1
P35436	Grin2a	0.942503047	-0.085430813	0.306506239	0.513560681	Glutamate receptor ionotropic, NMDA 2A OS=Mus musculus GN=Grin2a PE=1 SV=2
P62254	Ube2g1	0.884627344	-0.176858258	0.306573126	0.513465918	Ubiquitin-conjugating enzyme E2 G1 OS=Mus musculus GN=Ube2g1 PE=2 SV=3
Q8C4B4	Unc119b	1.346607931	0.429329867	0.306697445	0.513289843	Protein unc-119 homolog B OS=Mus musculus GN=Unc119b PE=1 SV=1
P19324	Serpinh1	1.119638318	0.163032767	0.306949505	0.512933062	Serpin H1 OS=Mus musculus GN=Serpinh1 PE=1 SV=3
Q78PY7	Snd1	1.067209543	0.093843473	0.307046646	0.512795642	Staphylococcal nuclease domain-containing protein 1 OS=Mus musculus GN=Snd1 PE=1 SV=1
Q8C7D2-3	Crbn	1.202963685	0.266593092	0.307538383	0.512100674	Isoform 3 of Protein cereblon OS=Mus musculus GN=Crbn
Q7TME0	Lppr4	1.125079541	0.170027	0.307639438	0.511957991	Lipid phosphate phosphatase-related protein type 4 OS=Mus musculus GN=Lppr4 PE=2 SV=2
Q8BHS6	Armcx3	0.865107503	-0.209048673	0.308002235	0.511446132	Armadillo repeat-containing X-linked protein 3 OS=Mus musculus GN=Armcx3 PE=1 SV=1
Q61239	Fnta	0.919496641	-0.12108379	0.30857605	0.510637784	Protein farnesyltransferase/geranylgeranyltransferase type-1 subunit alpha OS=Mus musculus GN=Fnta PE=1 SV=1
P39688	Fyn	1.064545162	0.090237155	0.308729658	0.510421649	Tyrosine-protein kinase Fyn OS=Mus musculus GN=Fyn PE=1 SV=4
Q9Z1G4-3	Atp6v0a1	1.043187849	0.060998971	0.30876048	0.510378292	Isoform A1-III of V-type proton ATPase 116 kDa subunit a isoform 1 OS=Mus musculus GN=Atp6v0a1
P60487	Pdxp	0.933378809	-0.099465382	0.309583444	0.509222273	Pyridoxal phosphate phosphatase OS=Mus musculus GN=Pdxp PE=1 SV=1
Q8C2Q3	Rbm14	1.056984689	0.079954478	0.309814091	0.508898833	RNA-binding protein 14 OS=Mus musculus GN=Rbm14 PE=1 SV=1
Q9JJU8	Sh3bgrl	1.122197471	0.166326566	0.310429626	0.508036839	SH3 domain-binding glutamic acid-rich-like protein OS=Mus musculus GN=Sh3bgrl PE=3 SV=1
Q3TQB2	Foxred1	1.181285648	0.240357867	0.310438465	0.508024473	FAD-dependent oxidoreductase domain-containing protein 1 OS=Mus musculus GN=Foxred1 PE=2 SV=1
Q9D5T0	Atad1	1.064368647	0.089997918	0.310532256	0.507893282	ATPase family AAA domain-containing protein 1 OS=Mus musculus GN=Atad1 PE=1 SV=1
P39447	Tjp1	1.068640713	0.095776887	0.311098124	0.507102608	Tight junction protein ZO-1 OS=Mus musculus GN=Tjp1 PE=1 SV=2
Q9JLV5	Cul3	1.020603493	0.029422484	0.311405899	0.506673165	Cullin-3 OS=Mus musculus GN=Cul3 PE=1 SV=1
O70172	Pip4k2a	1.068488544	0.095571441	0.311651038	0.506331422	Phosphatidylinositol 5-phosphate 4-kinase type-2 alpha OS=Mus musculus GN=Pip4k2a PE=1 SV=1
Q8BKC8-3	Pi4kb	0.859339698	-0.218699552	0.311878357	0.506014763	Isoform 3 of Phosphatidylinositol 4-kinase beta OS=Mus musculus GN=Pi4kb
O70551	Srpk1	1.170209942	0.22676738	0.312273454	0.505464933	SRSF protein kinase 1 OS=Mus musculus GN=Srpk1 PE=1 SV=2

Accession	Gene	Fold Change (KO vs. WT)	Log2 Fold Change	Students T Test	-Log10 T Test	Description
Q3UX10	Tubal3	0.835668163	-0.258997921	0.312290599	0.50544109	Tubulin alpha chain-like 3 OS=Mus musculus GN=Tubal3 PE=2 SV=2
Q0VBF8		1.121345752	0.165231182	0.312533105	0.505103973	Uncharacterized membrane protein C1orf95 homolog OS=Mus musculus PE=2 SV=1
Q9QXK3	Copg2	1.189355924	0.250180518	0.313240954	0.504121463	Coatomer subunit gamma-2 OS=Mus musculus GN=Copg2 PE=2 SV=1
Q9CPW0	Cntnap2	1.05045659	0.071016543	0.313382992	0.503924577	Contactin-associated protein-like 2 OS=Mus musculus GN=Cntnap2 PE=1 SV=2
Q8R0S2	Iqsec1	0.944097112	-0.082992828	0.31346598	0.503809585	IQ motif and SEC7 domain-containing protein 1 OS=Mus musculus GN=Iqsec1 PE=1 SV=2
Q8BIQ5-2	Cstf2	1.120579847	0.164245452	0.313940806	0.503152231	Isoform 2 of Cleavage stimulation factor subunit 2 OS=Mus musculus GN=Cstf2
Q8BIQ5	Cstf2	1.120579847	0.164245452	0.313940806	0.503152231	Cleavage stimulation factor subunit 2 OS=Mus musculus GN=Cstf2 PE=1 SV=2
Q00612	G6pdx	1.047771208	0.067323723	0.314097751	0.502935174	Glucose-6-phosphate 1-dehydrogenase X OS=Mus musculus GN=G6pdx PE=1 SV=3
Q9CXY6	Ilf2	1.100652999	0.138359704	0.314836209	0.501915325	Interleukin enhancer-binding factor 2 OS=Mus musculus GN=Ilf2 PE=1 SV=1
Q3TUH1	Tamm41	0.735341514	-0.443513661	0.314999287	0.50169043	Mitochondrial translocator assembly and maintenance protein 41 homolog OS=Mus musculus GN=Tamm41 PE=2 SV=2
Q80UM7	Mogs	1.061969062	0.086741737	0.315225384	0.501378817	Mannosyl-oligosaccharide glucosidase OS=Mus musculus GN=Mogs PE=2 SV=1
P29699	Ahsg	1.070462538	0.098234308	0.315244629	0.501352303	Alpha-2-HS-glycoprotein OS=Mus musculus GN=Ahsg PE=1 SV=1
Q64310	Surf4	0.822701858	-0.281558394	0.315286685	0.50129437	Surfeit locus protein 4 OS=Mus musculus GN=Surf4 PE=2 SV=1
Q8K354	Cbr3	1.08583208	0.118801012	0.315523428	0.500968388	Carbonyl reductase [NADPH] 3 OS=Mus musculus GN=Cbr3 PE=2 SV=1
Q9QXK3-4	Copg2	1.189169382	0.249954224	0.315688373	0.500741413	Isoform 4 of Coatomer subunit gamma-2 OS=Mus musculus GN=Copg2
Q9D8T7	Slirp	1.201888228	0.265302736	0.315756589	0.500647578	SRA stem-loop-interacting RNA-binding protein, mitochondrial OS=Mus musculus GN=Slirp PE=1 SV=2
Q9Z1Z0-3	Uso1	1.055057649	0.077321831	0.31650372	0.499621181	Isoform 3 of General vesicular transport factor p115 OS=Mus musculus GN=Uso1
Q9QXK3-2	Copg2	1.255173005	0.32788623	0.316712535	0.499334748	Isoform 2 of Coatomer subunit gamma-2 OS=Mus musculus GN=Copg2
P97797-2	Sirpa	1.113240146	0.154764841	0.316797902	0.499217704	Isoform 2 of Tyrosine-protein phosphatase non-receptor type substrate 1 OS=Mus musculus GN=Sirpa
Q9D1K7		0.919182476	-0.121576802	0.317625371	0.498084815	UPF0687 protein C20orf27 homolog OS=Mus musculus PE=2 SV=3
Q91ZR1	Rab4b	1.13190821	0.178756971	0.317671877	0.49802123	Ras-related protein Rab-4B OS=Mus musculus GN=Rab4b PE=2 SV=2
Q9JJ69-3	Kcnip2	0.822706336	-0.281550541	0.31795823	0.497629929	Isoform 3 of Kv channel-interacting protein 2 OS=Mus musculus GN=Kcnip2
Q91ZU6-5	Dst	1.061231483	0.085739381	0.318228274	0.497261236	Isoform 5 of Dystonin OS=Mus musculus GN=Dst
Q91YT7	Ythdf2	1.185447373	0.245431617	0.318969506	0.496250834	YTH domain-containing family protein 2 OS=Mus musculus GN=Ythdf2 PE=2 SV=1
Q9WTU6-3	Mapk9	0.938929495	-0.090911265	0.319093555	0.496081968	Isoform Beta-1 of Mitogen-activated protein kinase 9 OS=Mus musculus GN=Mapk9
P21447	Abcb1a	1.156265987	0.209473314	0.319793222	0.495130745	Multidrug resistance protein 1A OS=Mus musculus GN=Abcb1a PE=1 SV=3
Q8CAQ8-3	Immt	0.964397437	-0.052300279	0.319862933	0.495036084	Isoform 3 of Mitochondrial inner membrane protein OS=Mus musculus GN=Immt
O35295	Purb	0.929500861	-0.105471894	0.320899496	0.493630965	Transcriptional activator protein Pur-beta OS=Mus musculus GN=Purb PE=1 SV=3
Q8BPN8	Dmxl2	0.973688096	-0.03846839	0.320974714	0.49352918	DmX-like protein 2 OS=Mus musculus GN=Dmxl2 PE=1 SV=3
Q6NSW3-3	Sphkap	1.215811439	0.281919497	0.321255613	0.493149275	Isoform 3 of A-kinase anchor protein SPHKAP OS=Mus musculus GN=Sphkap
P67871	Csnk2b	1.035651181	0.050538169	0.32132454	0.493056106	Casein kinase II subunit beta OS=Mus musculus GN=Csnk2b PE=1 SV=1
O35544	Slc1a6	1.130696938	0.177212294	0.321913002	0.492261482	Excitatory amino acid transporter 4 OS=Mus musculus GN=Slc1a6 PE=2 SV=1
Q9DCJ5	Ndufa8	0.919145798	-0.12163437	0.32247878	0.491498858	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 8 OS=Mus musculus GN=Ndufa8 PE=1 SV=3
P26039	Tln1	0.940056183	-0.089181112	0.322509288	0.491457774	Talin-1 OS=Mus musculus GN=Tln1 PE=1 SV=2
Q80XI4	Pip4k2b	1.051738485	0.072776023	0.322833637	0.491021221	Phosphatidylinositol 5-phosphate 4-kinase type-2 beta OS=Mus musculus GN=Pip4k2b PE=1 SV=1
Q9D1G5	Lrrc57	1.115650867	0.15788562	0.323233981	0.490482989	Leucine-rich repeat-containing protein 57 OS=Mus musculus GN=Lrrc57 PE=2 SV=1
Q6GYP7	Ralgapa1	0.938869265	-0.091003814	0.323652545	0.489920974	Ral GTPase-activating protein subunit alpha-1 OS=Mus musculus GN=Ralgapa1 PE=1 SV=1
Q8BTV2-3	Cpsf7	1.115844152	0.158135543	0.323766392	0.489768235	Isoform 3 of Cleavage and polyadenylation specificity factor subunit 7 OS=Mus musculus GN=Cpsf7
P35550	Fbl	1.059291838	0.083100111	0.323827873	0.489685773	rRNA 2'-O-methyltransferase fibrillarin OS=Mus musculus GN=Fbl PE=2 SV=2
Q2PFD7-4	Psd3	1.035106379	0.049779042	0.325587637	0.487332094	Isoform 4 of PH and SEC7 domain-containing protein 3 OS=Mus musculus GN=Psd3
O35737	Hnrnph1	0.958268496	-0.061498156	0.325732535	0.487138861	Heterogeneous nuclear ribonucleoprotein H OS=Mus musculus GN=Hnrnph1 PE=1 SV=3
Q64213-3	Sf1	1.07788402	0.108201953	0.32645156	0.486181251	Isoform 3 of Splicing factor 1 OS=Mus musculus GN=Sf1
Q8BUK6	Hook3	0.906333592	-0.141885938	0.326716571	0.485828838	Protein Hook homolog 3 OS=Mus musculus GN=Hook3 PE=1 SV=2
Q03157	Aplp1	1.095690145	0.13183987	0.326998395	0.485454378	Amyloid-like protein 1 OS=Mus musculus GN=Aplp1 PE=1 SV=1
Q9DCD6	Gabarap	1.136609102	0.184736173	0.327009897	0.485439103	Gamma-aminobutyric acid receptor-associated protein OS=Mus musculus GN=Gabarap PE=1 SV=2
Q3LAC4	Prex2	0.889662938	-0.168669241	0.327016382	0.485430491	Phosphatidylinositol 3,4,5-trisphosphate-dependent Rac exchanger 2 protein OS=Mus musculus GN=Prex2 PE=2 SV=2
P51945	Ccng1	0.706330751	-0.501584188	0.327091977	0.485330108	Cyclin-G1 OS=Mus musculus GN=Ccng1 PE=2 SV=2
P29416	Hexa	1.064186969	0.089751643	0.327502804	0.484784977	Beta-hexosaminidase subunit alpha OS=Mus musculus GN=Hexa PE=2 SV=2
O08914	Faah	1.050336207	0.0708512	0.327641588	0.484600978	Fatty-acid amide hydrolase 1 OS=Mus musculus GN=Faah PE=2 SV=1
P14211	Calr	0.913199301	-0.13099834	0.327746316	0.484462181	Calreticulin OS=Mus musculus GN=Calr PE=1 SV=1
Q7TPR4	Actn1	0.967221127	-0.048082337	0.327842774	0.484334384	Alpha-actinin-1 OS=Mus musculus GN=Actn1 PE=1 SV=1
Q8VEK0	Tmem30a	0.92628586	-0.110470605	0.327978326	0.484154855	Cell cycle control protein 50A OS=Mus musculus GN=Tmem30a PE=1 SV=1
P50580	Pa2g4	0.953752851	-0.06831263	0.328273691	0.483763922	Proliferation-associated protein 2G4 OS=Mus musculus GN=Pa2g4 PE=1 SV=3
Q9R1C6	Dgke	0.969378733	-0.044867663	0.328414157	0.483578129	Diacylglycerol kinase epsilon OS=Mus musculus GN=Dgke PE=2 SV=1
Q61234	Snta1	0.943478606	-0.083938291	0.328709002	0.483188402	Alpha-1-syntrophin OS=Mus musculus GN=Snta1 PE=1 SV=1
Q3TMH2	Scrn3	0.920106216	-0.120127682	0.329101511	0.482670124	Secernin-3 OS=Mus musculus GN=Scrn3 PE=1 SV=1
Q9JKN6	Nova1	0.929259921	-0.105845909	0.329331477	0.482366758	RNA-binding protein Nova-1 OS=Mus musculus GN=Nova1 PE=1 SV=2
P16054	Prkce	0.921901253	-0.117315867	0.329629083	0.481974478	Protein kinase C epsilon type OS=Mus musculus GN=Prkce PE=1 SV=1
Q9CQT7	Desi1	0.881547747	-0.181889384	0.32972203	0.481852035	Desumoylating isopeptidase 1 OS=Mus musculus GN=Desi1 PE=1 SV=1
P63248	Pkia	1.18004073	0.238836656	0.330020326	0.481459311	cAMP-dependent protein kinase inhibitor alpha OS=Mus musculus GN=Pkia PE=1 SV=2
P14824	Anxa6	0.937521023	-0.093077053	0.330066535	0.481398505	Annexin A6 OS=Mus musculus GN=Anxa6 PE=1 SV=3
P97300-3	Nptn	0.95967821	-0.059377358	0.330425049	0.480927037	Isoform 3 of Neuroplastin OS=Mus musculus GN=Nptn
P70208	Plxna3	0.925201547	-0.112160417	0.330925544	0.480269708	Plexin-A3 OS=Mus musculus GN=Plxna3 PE=1 SV=2
P56212	Arpp19	0.809856577	-0.304261661	0.331153223	0.479971013	cAMP-regulated phosphoprotein 19 OS=Mus musculus GN=Arpp19 PE=1 SV=2
Q8BMI3	Gga3	0.943209848	-0.084349313	0.331581444	0.479409782	ADP-ribosylation factor-binding protein GGA3 OS=Mus musculus GN=Gga3 PE=2 SV=2
O35685	Nudc	1.038093835	0.053936858	0.33164855	0.479321897	Nuclear migration protein nudC OS=Mus musculus GN=Nudc PE=1 SV=1
Q80U49-2	Cep170b	0.908191468	-0.138931611	0.33166199	0.479304298	Isoform 2 of Centrosomal protein of 170 kDa protein B OS=Mus musculus GN=Cep170b
Q9CPV4-2	Glod4	0.948774774	-0.075862443	0.332907026	0.477677038	Isoform 2 of Glyoxalase domain-containing protein 4 OS=Mus musculus GN=Glod4
Q810U4-2	Nrcam	1.07180609	0.100043918	0.333518103	0.476880588	Isoform 2 of Neuronal cell adhesion molecule OS=Mus musculus GN=Nrcam
Q810U4	Nrcam	1.07180609	0.100043918	0.333518103	0.476880588	Neuronal cell adhesion molecule OS=Mus musculus GN=Nrcam PE=1 SV=2
Q00896	Serpina1c	0.920061025	-0.12019854	0.333982496	0.476276294	Alpha-1-antitrypsin 1-3 OS=Mus musculus GN=Serpina1c PE=1 SV=2
Q91Z67	Srgap2	1.04280342	0.060467219	0.334289625	0.475877102	SLIT-ROBO Rho GTPase-activating protein 2 OS=Mus musculus GN=Srgap2 PE=1 SV=2
Q14C51	Ptcd3	1.081557852	0.113110836	0.334332486	0.475821422	Pentatricopeptide repeat domain-containing protein 3, mitochondrial OS=Mus musculus GN=Ptcd3 PE=2 SV=2
Q6NV83-3	U2surp	1.108788148	0.148983741	0.334453434	0.47566434	Isoform 3 of U2 snRNP-associated SURP motif-containing protein OS=Mus musculus GN=U2surp
Q3TXS7	Psmd1	0.977394076	-0.032987734	0.334539214	0.475552968	26S proteasome non-ATPase regulatory subunit 1 OS=Mus musculus GN=Psmd1 PE=1 SV=1
Q8CAK3		1.088570469	0.122434804	0.334584586	0.475494071	UPF0515 protein C19orf66 homolog OS=Mus musculus PE=2 SV=1
O88444	Adcy1	1.116649579	0.159176517	0.334978023	0.474983685	Adenylate cyclase type 1 OS=Mus musculus GN=Adcy1 PE=2 SV=2
Q6VNS1	Ntrk3	0.944011871	-0.083123093	0.335028436	0.47491833	NT-3 growth factor receptor OS=Mus musculus GN=Ntrk3 PE=1 SV=1
Q01730	Rsu1	1.148911116	0.20026719	0.33528284	0.474588674	Ras suppressor protein 1 OS=Mus musculus GN=Rsu1 PE=2 SV=3
P55066	Ncan	1.087686063	0.121262214	0.336150681	0.473466005	Neurocan core protein OS=Mus musculus GN=Ncan PE=2 SV=1
Q8C878-2	Uba3	1.195917512	0.258117883	0.336461188	0.473065026	Isoform 2 of NEDD8-activating enzyme E1 catalytic subunit OS=Mus musculus GN=Uba3
P70404	Idh3g	0.957461143	-0.062714155	0.33713912	0.472190851	Isocitrate dehydrogenase [NAD] subunit gamma 1, mitochondrial OS=Mus musculus GN=Idh3g PE=1 SV=1
Q8BH60	Gopc	1.200020018	0.263058473	0.337171573	0.472149049	Golgi-associated PDZ and coiled-coil motif-containing protein OS=Mus musculus GN=Gopc PE=1 SV=1
P52912	Tia1	1.074235059	0.103309711	0.337297687	0.471986637	Nucleolysin TIA-1 OS=Mus musculus GN=Tia1 PE=1 SV=1
Q8K021	Scamp1	1.057516987	0.080680837	0.337300057	0.471983586	Secretory carrier-associated membrane protein 1 OS=Mus musculus GN=Scamp1 PE=1 SV=1
P59648	Fxyd7	0.925987502	-0.110935374	0.338099877	0.470954987	FXYD domain-containing ion transport regulator 7 OS=Mus musculus GN=Fxyd7 PE=2 SV=1
P14115	Rpl27a	0.915070185	-0.128045694	0.338215014	0.470807117	60S ribosomal protein L27a OS=Mus musculus GN=Rpl27a PE=2 SV=5
P48036	Anxa5	0.940571683	-0.088390196	0.338611193	0.470298691	Annexin A5 OS=Mus musculus GN=Anxa5 PE=1 SV=1
Q3TCJ1	Fam175b	1.1626786	0.217452346	0.338657468	0.470239343	BRISC complex subunit Abro1 OS=Mus musculus GN=Fam175b PE=2 SV=1
Q9CRB2	Nhp2	1.111210526	0.15213217	0.339018719	0.469776321	H/ACA ribonucleoprotein complex subunit 2 OS=Mus musculus GN=Nhp2 PE=2 SV=1
Q9CZW5	Tomm70a	0.973175819	-0.039227622	0.339179319	0.469570637	Mitochondrial import receptor subunit TOM70 OS=Mus musculus GN=Tomm70a PE=1 SV=2
P45377	Akr1b8	0.876137349	-0.190771041	0.339205668	0.469536899	Aldose reductase-related protein 2 OS=Mus musculus GN=Akr1b8 PE=1 SV=2
P16460	Ass1	1.137567024	0.18595155	0.339317345	0.469393939	Argininosuccinate synthase OS=Mus musculus GN=Ass1 PE=1 SV=1
Q8BGT8-2	Phyhipl	0.963200633	-0.054091754	0.339779472	0.468802863	Isoform 2 of Phytanoyl-CoA hydroxylase-interacting protein-like OS=Mus musculus GN=Phyhipl
P63089	Ptn	1.102856329	0.141244861	0.340121355	0.468366099	Pleiotrophin OS=Mus musculus GN=Ptn PE=2 SV=1
Q9EPK2-3	Rp2	1.042475764	0.060013844	0.340383935	0.468030945	Isoform 3 of Protein XRP2 OS=Mus musculus GN=Rp2
Q5SRX1	Tom1l2	1.088065693	0.121765663	0.340498911	0.467884273	TOM1-like protein 2 OS=Mus musculus GN=Tom1l2 PE=2 SV=1
Q5SRX1-4	Tom1l2	1.088065693	0.121765663	0.340498911	0.467884273	Isoform 4 of TOM1-like protein 2 OS=Mus musculus GN=Tom1l2
Q9CQE3	Mrps17	1.042924896	0.060635269	0.340864103	0.467418732	28S ribosomal protein S17, mitochondrial OS=Mus musculus GN=Mrps17 PE=2 SV=1
Q8BK67	Rcc2	1.205378789	0.269486584	0.341069568	0.467157029	Protein RCC2 OS=Mus musculus GN=Rcc2 PE=1 SV=1
Q60715	P4ha1	1.113499316	0.155100672	0.341277831	0.466891922	Prolyl 4-hydroxylase subunit alpha-1 OS=Mus musculus GN=P4ha1 PE=2 SV=2
Q64511	Top2b	0.969609713	-0.044523944	0.341673592	0.466388587	DNA topoisomerase 2-beta OS=Mus musculus GN=Top2b PE=1 SV=2
Q9DBE8	Alg2	1.030777247	0.043732597	0.341804598	0.4662221	Alpha-1,3/1,6-mannosyltransferase ALG2 OS=Mus musculus GN=Alg2 PE=2 SV=2
Q80XA6	Reps2	1.290845487	0.368316321	0.342198279	0.465722179	RalBP1-associated Eps domain-containing protein 2 OS=Mus musculus GN=Reps2 PE=1 SV=1
Q8R4N0	Clybl	0.921375245	-0.118139257	0.342227448	0.465685161	Citrate lyase subunit beta-like protein, mitochondrial OS=Mus musculus GN=Clybl PE=1 SV=2
Q9DCG9	Trmt112	1.152966096	0.20535009	0.342270959	0.465629948	tRNA methyltransferase 112 homolog OS=Mus musculus GN=Trmt112 PE=2 SV=1
Q9WTR5	Cdh13	1.03424626	0.04857974	0.342333391	0.465550738	Cadherin-13 OS=Mus musculus GN=Cdh13 PE=1 SV=2
P16546	Sptan1	1.01512694	0.021660145	0.342349959	0.46552972	Spectrin alpha chain, non-erythrocytic 1 OS=Mus musculus GN=Sptan1 PE=1 SV=4
Q9QZE7	Tsnax	1.065603375	0.091670557	0.3424422	0.465412721	Translin-associated protein X OS=Mus musculus GN=Tsnax PE=1 SV=1
Q9CS84-5	Nrxn1	1.021751027	0.031043693	0.342708928	0.465074582	Isoform 5a of Neurexin-1 OS=Mus musculus GN=Nrxn1
Q9DCF9	Ssr3	1.156746036	0.210072155	0.342831097	0.464919792	Translocon-associated protein subunit gamma OS=Mus musculus GN=Ssr3 PE=1 SV=1
Q5U458	Dnajc11	1.046051631	0.064954063	0.34310156	0.464577307	DnaJ homolog subfamily C member 11 OS=Mus musculus GN=Dnajc11 PE=2 SV=2
Q9QXS6	Dbn1	1.121708292	0.165697542	0.343286929	0.464342733	Drebrin OS=Mus musculus GN=Dbn1 PE=1 SV=4
Q9QXS6-2	Dbn1	1.11809219	0.161039147	0.344215192	0.463169966	Isoform A2 of Drebrin OS=Mus musculus GN=Dbn1
Q8BJW6	Eif2a	0.935060611	-0.096868211	0.344241437	0.463136854	Eukaryotic translation initiation factor 2A OS=Mus musculus GN=Eif2a PE=2 SV=2
Q9QXY6	Ehd3	1.045012609	0.063520349	0.344307969	0.463052925	EH domain-containing protein 3 OS=Mus musculus GN=Ehd3 PE=1 SV=2
Q8BG18	Necab1	1.066152209	0.092413419	0.344589523	0.462697932	N-terminal EF-hand calcium-binding protein 1 OS=Mus musculus GN=Necab1 PE=1 SV=1

Accession	Gene	Fold Change (KO vs. WT)	Log2 Fold Change	Students T Test	-Log10 T Test	Description
O55222	Ilk	0.93516444	-0.096708023	0.344643394	0.462630044	Integrin-linked protein kinase OS=Mus musculus GN=Ilk PE=1 SV=2
Q3UMR5	Mcu	1.056644621	0.07949024	0.34488602	0.462324409	Calcium uniporter protein, mitochondrial OS=Mus musculus GN=Mcu PE=1 SV=2
Q9CPV4	Glod4	0.951014332	-0.072461012	0.3452023	0.461926319	Glyoxalase domain-containing protein 4 OS=Mus musculus GN=Glod4 PE=1 SV=1
Q9R0K7	Atp2b2	0.957407191	-0.062795453	0.345503536	0.461547503	Plasma membrane calcium-transporting ATPase 2 OS=Mus musculus GN=Atp2b2 PE=1 SV=2
Q61207	Psap	0.964129181	-0.052701633	0.345594575	0.461433084	Sulfated glycoprotein 1 OS=Mus musculus GN=Psap PE=1 SV=2
Q9R1V6-11	Adam22	0.921749144	-0.117553924	0.345648052	0.461365886	Isoform 9 of Disintegrin and metalloproteinase domain-containing protein 22 OS=Mus musculus GN=Adam22
Q8BHJ7	Gabra5	0.910820445	-0.134761419	0.345653344	0.461359238	Gamma-aminobutyric acid receptor subunit alpha-5 OS=Mus musculus GN=Gabra5 PE=1 SV=1
Q9QZQ8	H2afy	1.053393699	0.075044735	0.345749774	0.461238095	Core histone macro-H2A.1 OS=Mus musculus GN=H2afy PE=1 SV=3
O35551-3	Rabep1	1.052532807	0.073865202	0.345898821	0.461050918	Isoform 3 of Rab GTPase-binding effector protein 1 OS=Mus musculus GN=Rabep1
P16546-2	Sptan1	1.015014784	0.021500741	0.346621786	0.460144144	Isoform 2 of Spectrin alpha chain, non-erythrocytic 1 OS=Mus musculus GN=Sptan1
P60840	Ensa	0.84876216	-0.236567757	0.346721489	0.460019241	Alpha-endosulfine OS=Mus musculus GN=Ensa PE=1 SV=1
Q6PHS9-6	Cacna2d2	1.075867248	0.105500073	0.346963293	0.459716469	Isoform 6 of Voltage-dependent calcium channel subunit alpha-2/delta-2 OS=Mus musculus GN=Cacna2d2
P26048	Gabra2	0.944090335	-0.083003185	0.347072944	0.45957924	Gamma-aminobutyric acid receptor subunit alpha-2 OS=Mus musculus GN=Gabra2 PE=1 SV=1
Q8BFY6	Pef1	1.051877491	0.072966688	0.34721295	0.459404085	Peflin OS=Mus musculus GN=Pef1 PE=2 SV=1
Q8K1J6	Trnt1	0.918669015	-0.122382924	0.347230798	0.459381761	CCA tRNA nucleotidyltransferase 1, mitochondrial OS=Mus musculus GN=Trnt1 PE=1 SV=1
O35609	Scamp3	0.971864615	-0.041172741	0.348366203	0.457963985	Secretory carrier-associated membrane protein 3 OS=Mus musculus GN=Scamp3 PE=1 SV=3
P34152-8	Ptk2	1.042286452	0.059751829	0.348493776	0.457804974	Isoform 8 of Focal adhesion kinase 1 OS=Mus musculus GN=Ptk2
Q8BJU0	Sgta	0.97765089	-0.032608711	0.348582714	0.457694153	Small glutamine-rich tetratricopeptide repeat-containing protein alpha OS=Mus musculus GN=Sgta PE=1 SV=2
Q9JK23	Psmg1	1.091330105	0.126087553	0.348591927	0.457682675	Proteasome assembly chaperone 1 OS=Mus musculus GN=Psmg1 PE=2 SV=1
Q8BVQ5	Ppme1	1.03534603	0.050113022	0.349194685	0.456932375	Protein phosphatase methylesterase 1 OS=Mus musculus GN=Ppme1 PE=1 SV=5
O09061	Psmb1	1.050469654	0.071034486	0.349337072	0.456755324	Proteasome subunit beta type-1 OS=Mus musculus GN=Psmb1 PE=1 SV=1
A3KGF7-3	Plcb2	1.074788136	0.104052301	0.349461432	0.456600748	Isoform 3 of 1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase beta-2 OS=Mus musculus GN=Plcb2
O08915	Aip	0.8979818	-0.15524189	0.349537236	0.456506553	AH receptor-interacting protein OS=Mus musculus GN=Aip PE=1 SV=1
P61226	Rap2b	0.940512846	-0.088480446	0.349574555	0.456460187	Ras-related protein Rap-2b OS=Mus musculus GN=Rap2b PE=1 SV=1
Q00897	Serpina1d	0.910051111	-0.135980522	0.349774029	0.456212441	Alpha-1-antitrypsin 1-4 OS=Mus musculus GN=Serpina1d PE=2 SV=1
Q8K0C4	Cyp51a1	1.131576285	0.178333847	0.349829976	0.45614298	Lanosterol 14-alpha demethylase OS=Mus musculus GN=Cyp51a1 PE=2 SV=1
P84096	Rhog	0.9128934	-0.131481691	0.34983384	0.456138182	Rho-related GTP-binding protein RhoG OS=Mus musculus GN=Rhog PE=2 SV=1
Q9WTL7	Lypla2	1.073176342	0.101887156	0.35048697	0.455328123	Acyl-protein thioesterase 2 OS=Mus musculus GN=Lypla2 PE=1 SV=1
P05480	Src	1.057813566	0.081085383	0.350657617	0.455116723	Neuronal proto-oncogene tyrosine-protein kinase Src OS=Mus musculus GN=Src PE=1 SV=4
Q99M28	Rnps1	1.08607895	0.119128981	0.350824172	0.454910491	RNA-binding protein with serine-rich domain 1 OS=Mus musculus GN=Rnps1 PE=2 SV=1
Q9Z0S1	Bpnt1	1.017817345	0.025478683	0.350851861	0.454876216	3'(2'),5'-bisphosphate nucleotidase 1 OS=Mus musculus GN=Bpnt1 PE=1 SV=2
Q9D2G2-2	Dlst	0.963930202	-0.05299941	0.350977397	0.454720851	Isoform 2 of Dihydrolipoyllysine-residue succinyltransferase component of 2-oxoglutarate dehydrogenase complex, mitochondrial OS=Mus musculus GN=Dlst
P68040	Gnb2l1	0.868593606	-0.203246762	0.351104036	0.454564178	Guanine nucleotide-binding protein subunit beta-2-like 1 OS=Mus musculus GN=Gnb2l1 PE=1 SV=3
Q922V4	Plrg1	1.214974242	0.280925728	0.351267736	0.454361738	Pleiotropic regulator 1 OS=Mus musculus GN=Plrg1 PE=2 SV=1
Q9DB05	Napa	0.961142214	-0.057178181	0.351407146	0.454189411	Alpha-soluble NSF attachment protein OS=Mus musculus GN=Napa PE=1 SV=1
P62849-3	Rps24	0.953659328	-0.068454105	0.351849665	0.453642858	Isoform 3 of 40S ribosomal protein S24 OS=Mus musculus GN=Rps24
Q80WW9	Ddrgk1	1.107221174	0.146943438	0.351989169	0.4534707	DDRGK domain-containing protein 1 OS=Mus musculus GN=Ddrgk1 PE=1 SV=2
Q8CFV4	Nrn1	0.909530543	-0.136806009	0.352480334	0.452865109	Neuritin OS=Mus musculus GN=Nrn1 PE=1 SV=1
P52480	Pkm	1.032554913	0.046218508	0.352495151	0.452846853	Pyruvate kinase PKM OS=Mus musculus GN=Pkm PE=1 SV=4
P70398	Usp9x	0.974751521	-0.036893594	0.35273808	0.452547653	Probable ubiquitin carboxyl-terminal hydrolase FAF-X OS=Mus musculus GN=Usp9x PE=1 SV=2
Q9ZZI8	Suclg2	1.054987133	0.077225403	0.353005735	0.45221824	Succinyl-CoA ligase [GDP-forming] subunit beta, mitochondrial OS=Mus musculus GN=Suclg2 PE=1 SV=3
Q61191	Hcfc1	1.033668201	0.047773167	0.353048762	0.452165307	Host cell factor 1 OS=Mus musculus GN=Hcfc1 PE=1 SV=2
P40142	Tkt	0.944572894	-0.082265959	0.353162716	0.452025152	Transketolase OS=Mus musculus GN=Tkt PE=1 SV=1
Q75IG6-2	Asap2	1.249288307	0.321106457	0.354013112	0.450980652	Isoform 2 of Arf-GAP with SH3 domain, ANK repeat and PH domain-containing protein 2 OS=Mus musculus GN=Asap2
Q9DB70	Fundc1	1.081786785	0.113416179	0.354672151	0.450172912	FUN14 domain-containing protein 1 OS=Mus musculus GN=Fundc1 PE=2 SV=1
Q925E7	Ppp2r2d	1.111499601	0.15250743	0.354728436	0.450103995	Serine/threonine-protein phosphatase 2A 55 kDa regulatory subunit B delta isoform OS=Mus musculus GN=Ppp2r2d PE=2 SV=1
Q9EST5	Anp32b	0.921641956	-0.1177217	0.354729983	0.450102102	Acidic leucine-rich nuclear phosphoprotein 32 family member B OS=Mus musculus GN=Anp32b PE=1 SV=1
P47964	Rpl36	1.138414138	0.187025484	0.35473579	0.450094992	60S ribosomal protein L36 OS=Mus musculus GN=Rpl36 PE=2 SV=2
P70232	Chl1	1.100428448	0.138065341	0.354768228	0.450055282	Neural cell adhesion molecule L1-like protein OS=Mus musculus GN=Chl1 PE=1 SV=2
P62869	Tceb2	0.915609171	-0.127196182	0.354981738	0.449793989	Transcription elongation factor B polypeptide 2 OS=Mus musculus GN=Tceb2 PE=1 SV=1
Q3UHC7-3	Dab2ip	0.952841456	-0.069691913	0.355043036	0.449719001	Isoform 3 of Disabled homolog 2-interacting protein OS=Mus musculus GN=Dab2ip
P32020	Scp2	0.93164389	-0.102149488	0.355392704	0.449291493	Non-specific lipid-transfer protein OS=Mus musculus GN=Scp2 PE=1 SV=3
P23492	Pnp	1.041306002	0.058394086	0.355762111	0.448840306	Purine nucleoside phosphorylase OS=Mus musculus GN=Pnp PE=1 SV=2
Q8BMJ2	Lars	0.941170065	-0.08747266	0.355938797	0.448624671	Leucine--tRNA ligase, cytoplasmic OS=Mus musculus GN=Lars PE=1 SV=2
Q9EP72	Emc7	1.065385337	0.09137533	0.35682001	0.447550799	ER membrane protein complex subunit 7 OS=Mus musculus GN=Emc7 PE=2 SV=1
O88809	Dcx	1.104472457	0.143357441	0.357150859	0.4471483	Neuronal migration protein doublecortin OS=Mus musculus GN=Dcx PE=1 SV=1
P62892	Rpl39	0.898582004	-0.154277925	0.357275822	0.446996373	60S ribosomal protein L39 OS=Mus musculus GN=Rpl39 PE=2 SV=2
Q8BUV3	Gphn	0.982046378	-0.026136937	0.357427432	0.44681212	Gephyrin OS=Mus musculus GN=Gphn PE=1 SV=2
Q924C1	Xpo5	0.869609516	-0.201560367	0.35854101	0.445461162	Exportin-5 OS=Mus musculus GN=Xpo5 PE=2 SV=1
Q9Z0U1	Tjp2	0.900081074	-0.151873137	0.358668877	0.445306307	Tight junction protein ZO-2 OS=Mus musculus GN=Tjp2 PE=1 SV=2
Q6PA06	Atl2	1.098228718	0.135178542	0.358706272	0.445261029	Atlastin-2 OS=Mus musculus GN=Atl2 PE=1 SV=1
P10711-2	Tcea1	0.905998221	-0.142419877	0.358788182	0.445161871	Isoform 1 of Transcription elongation factor A protein 1 OS=Mus musculus GN=Tcea1
Q8BFU3-5	Rnf214	1.090862939	0.125469846	0.358897033	0.445030132	Isoform 5 of RING finger protein 214 OS=Mus musculus GN=Rnf214
D3YVF0	Akap5	0.926540568	-0.11007395	0.359007404	0.444896594	A-kinase anchor protein 5 OS=Mus musculus GN=Akap5 PE=1 SV=2
Q62422	Ostf1	1.060488527	0.084729013	0.359092413	0.444793771	Osteoclast-stimulating factor 1 OS=Mus musculus GN=Ostf1 PE=1 SV=2
Q9D662	Sec23b	1.115216564	0.157323894	0.359229065	0.444628532	Protein transport protein Sec23B OS=Mus musculus GN=Sec23b PE=1 SV=1
Q8K2C6	Sirt5	0.943882853	-0.083320279	0.359286852	0.444558676	NAD-dependent protein deacylase sirtuin-5, mitochondrial OS=Mus musculus GN=Sirt5 PE=1 SV=1
P62484	Abi2	0.966758217	-0.048772974	0.359293576	0.444550547	Abl interactor 2 OS=Mus musculus GN=Abi2 PE=2 SV=1
Q8BMA6	Srp68	1.047792743	0.067353376	0.360019579	0.443673881	Signal recognition particle subunit SRP68 OS=Mus musculus GN=Srp68 PE=2 SV=2
Q8BGH2	Samm50	1.049749197	0.070044685	0.360048596	0.443638879	Sorting and assembly machinery component 50 homolog OS=Mus musculus GN=Samm50 PE=1 SV=1
P27661	H2afx	0.947272321	-0.078148864	0.36026968	0.443372286	Histone H2AX OS=Mus musculus GN=H2afx PE=1 SV=2
P52480-2	Pkm	1.027790933	0.03954683	0.360854841	0.442667464	Isoform M1 of Pyruvate kinase PKM OS=Mus musculus GN=Pkm
Q11136	Pepd	0.961187128	-0.057110766	0.360906182	0.442605679	Xaa-Pro dipeptidase OS=Mus musculus GN=Pepd PE=2 SV=3
Q811P8-2	Arhgap32	0.920704296	-0.119190217	0.361542392	0.441840773	Isoform 2 of Rho GTPase-activating protein 32 OS=Mus musculus GN=Arhgap32
P62141	Ppp1cb	1.063329247	0.088588379	0.361808245	0.44152154	Serine/threonine-protein phosphatase PP1-beta catalytic subunit OS=Mus musculus GN=Ppp1cb PE=1 SV=3
Q9QYG0-2	Ndrg2	0.918866686	-0.122072532	0.362135866	0.441128461	Isoform 2 of Protein NDRG2 OS=Mus musculus GN=Ndrg2
Q9QYG0	Ndrg2	0.918866686	-0.122072532	0.362135866	0.441128461	Protein NDRG2 OS=Mus musculus GN=Ndrg2 PE=1 SV=1
Q9DCP9	Dazap2	0.825263043	-0.27707406	0.362820579	0.440308088	DAZ-associated protein 2 OS=Mus musculus GN=Dazap2 PE=1 SV=1
O54865	Gucy1b3	1.060417198	0.084631973	0.363267817	0.439773075	Guanylate cyclase soluble subunit beta-1 OS=Mus musculus GN=Gucy1b3 PE=2 SV=1
P31650	Slc6a11	0.950904856	-0.072627097	0.363287523	0.439749518	Sodium- and chloride-dependent GABA transporter 3 OS=Mus musculus GN=Slc6a11 PE=1 SV=2
Q9ER58	Spock2	0.928896992	-0.106409473	0.363414764	0.439597433	Testican-2 OS=Mus musculus GN=Spock2 PE=2 SV=1
Q9D8W5	Psmd12	1.077393311	0.107545014	0.363480299	0.439519123	26S proteasome non-ATPase regulatory subunit 12 OS=Mus musculus GN=Psmd12 PE=1 SV=4
Q9D024-3	Ccdc47	1.079332552	0.110139441	0.363696467	0.439260918	Isoform 3 of Coiled-coil domain-containing protein 47 OS=Mus musculus GN=Ccdc47
D3Z7P3	Gls	0.966600239	-0.049008744	0.363945936	0.438963126	Glutaminase kidney isoform, mitochondrial OS=Mus musculus GN=Gls PE=1 SV=1
Q8BY87	Usp47	0.91611288	-0.126402722	0.364588408	0.438197144	Ubiquitin carboxyl-terminal hydrolase 47 OS=Mus musculus GN=Usp47 PE=1 SV=2
Q9JI91	Actn2	0.962010086	-0.055876075	0.365003515	0.437702953	Alpha-actinin-2 OS=Mus musculus GN=Actn2 PE=1 SV=2
Q8C729	Fam126b	0.919025364	-0.121823416	0.36533162	0.437312737	Protein FAM126B OS=Mus musculus GN=Fam126b PE=2 SV=1
P61087	Ube2k	1.114944306	0.156971646	0.365721016	0.436850083	Ubiquitin-conjugating enzyme E2 K OS=Mus musculus GN=Ube2k PE=1 SV=3
Q9CQ65	Mtap	0.881864605	-0.181370922	0.365934071	0.436597153	S-methyl-5'-thioadenosine phosphorylase OS=Mus musculus GN=Mtap PE=1 SV=1
P39688-2	Fyn	1.056089879	0.078732621	0.366301158	0.436161709	Isoform 2 of Tyrosine-protein kinase Fyn OS=Mus musculus GN=Fyn
P59017	Bcl2l13	1.044823098	0.063258696	0.366454466	0.435979981	Bcl-2-like protein 13 OS=Mus musculus GN=Bcl2l13 PE=1 SV=2
Q6NVF9	Cpsf6	1.069277422	0.096636207	0.366470431	0.435961062	Cleavage and polyadenylation specificity factor subunit 6 OS=Mus musculus GN=Cpsf6 PE=2 SV=1
Q91WD5	Ndufs2	0.967058034	-0.048325625	0.367315666	0.434960548	NADH dehydrogenase [ubiquinone] iron-sulfur protein 2, mitochondrial OS=Mus musculus GN=Ndufs2 PE=1 SV=1
Q8BHL3	Tbc1d10b	0.91189339	-0.133062927	0.368027907	0.434119248	TBC1 domain family member 10B OS=Mus musculus GN=Tbc1d10b PE=1 SV=2
Q8BVU5	Nudt9	1.055053015	0.077315495	0.368187002	0.433931547	ADP-ribose pyrophosphatase, mitochondrial OS=Mus musculus GN=Nudt9 PE=2 SV=1
Q9CQH3	Ndufb5	0.925513416	-0.111674191	0.368341005	0.433749931	NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 5, mitochondrial OS=Mus musculus GN=Ndufb5 PE=1 SV=1
Q9ER71	Rhoj	0.88872168	-0.170196412	0.368361354	0.43372594	Rho-related GTP-binding protein RhoJ OS=Mus musculus GN=Rhoj PE=1 SV=2
Q3V384	Lace1	1.110220776	0.150846596	0.368417265	0.433660026	Lactation elevated protein 1 OS=Mus musculus GN=Lace1 PE=2 SV=1
P61080	Ube2d1	1.140403412	0.189544261	0.368662887	0.43337058	Ubiquitin-conjugating enzyme E2 D1 OS=Mus musculus GN=Ube2d1 PE=2 SV=1
Q80Y24	Prickle2	1.112397586	0.153672519	0.369586351	0.432284076	Prickle-like protein 2 OS=Mus musculus GN=Prickle2 PE=1 SV=3
Q80XQ2	Tbc1d5	1.080018345	0.111055819	0.369827959	0.432000259	TBC1 domain family member 5 OS=Mus musculus GN=Tbc1d5 PE=1 SV=2
Q9CX56	Psmd8	0.962090185	-0.055755958	0.369835933	0.431990895	26S proteasome non-ATPase regulatory subunit 8 OS=Mus musculus GN=Psmd8 PE=1 SV=2
D3Z7P3-2	Gls	0.960686608	-0.057862219	0.370024223	0.431769845	Isoform 2 of Glutaminase kidney isoform, mitochondrial OS=Mus musculus GN=Gls
Q8BW75	Maob	0.889676261	-0.168647637	0.370232847	0.431525053	Amine oxidase [flavin-containing] B OS=Mus musculus GN=Maob PE=1 SV=4
Q8K3C3	Lzic	1.090180729	0.124567323	0.370304206	0.431441356	Protein LZIC OS=Mus musculus GN=Lzic PE=1 SV=1
P62320	Snrpd3	1.039873897	0.056408587	0.370506748	0.431203878	Small nuclear ribonucleoprotein Sm D3 OS=Mus musculus GN=Snrpd3 PE=1 SV=1
Q8BNE1-3	Fam115a	0.913963855	-0.129790983	0.370974272	0.430656208	Isoform 3 of Protein FAM115A OS=Mus musculus GN=Fam115a
Q80TS3-6	Lphn3	0.960866858	-0.057591556	0.371525585	0.430011273	Isoform 6 of Latrophilin-3 OS=Mus musculus GN=Lphn3
Q9QXL1	Kif21b	1.091080612	0.125757696	0.371748586	0.429750675	Kinesin-like protein KIF21B OS=Mus musculus GN=Kif21b PE=1 SV=2
Q8R1Q8	Dync1li1	1.050439006	0.070992394	0.371814998	0.429673096	Cytoplasmic dynein 1 light intermediate chain 1 OS=Mus musculus GN=Dync1li1 PE=1 SV=1
Q8BYR5-6	Cadps2	0.932960032	-0.100112818	0.372277184	0.42913358	Isoform 6 of Calcium-dependent secretion activator 2 OS=Mus musculus GN=Cadps2
Q3TFQ1	Spryd7	0.898895977	-0.153773922	0.372947565	0.428352225	SPRY domain-containing protein 7 OS=Mus musculus GN=Spryd7 PE=2 SV=2
Q04735	Cdk16	0.904439583	-0.144903962	0.373516007	0.427690782	Cyclin-dependent kinase 16 OS=Mus musculus GN=Cdk16 PE=1 SV=1
Q8VD75	Hip1	0.888577139	-0.17043107	0.373597537	0.427595996	Huntingtin-interacting protein 1 OS=Mus musculus GN=Hip1 PE=1 SV=2
Q8C0I1	Agps	1.098120444	0.135036301	0.373813922	0.427344529	Alkyldihydroxyacetonephosphate synthase, peroxisomal OS=Mus musculus GN=Agps PE=1 SV=1
Q91VN0	Lrp5	0.948555083	-0.07619654	0.374625315	0.426402879	Low-density lipoprotein receptor-related protein 5 OS=Mus musculus GN=Lrp5 PE=1 SV=3
Q8K1M6-4	Dnm1l	1.049464756	0.069653717	0.375333684	0.425582458	Isoform 4 of Dynamin-1-like protein OS=Mus musculus GN=Dnm1l

Accession	Gene	Fold Change (KO vs. WT)	Log2 Fold Change	Students T Test	-Log10 T Test	Description
Q64324	Stxbp2	1.122855419	0.167172176	0.37582369	0.425015848	Syntaxin-binding protein 2 OS=Mus musculus GN=Stxbp2 PE=2 SV=1
P63024	Vamp3	1.097382012	0.134065832	0.37615931	0.424628185	Vesicle-associated membrane protein 3 OS=Mus musculus GN=Vamp3 PE=1 SV=1
Q8VEM8	Slc25a3	0.934918583	-0.097087362	0.37667482	0.42403341	Phosphate carrier protein, mitochondrial OS=Mus musculus GN=Slc25a3 PE=1 SV=1
O88307	Sorl1	1.327612917	0.408834571	0.376676771	0.424031161	Sortilin-related receptor OS=Mus musculus GN=Sorl1 PE=1 SV=3
Q9QZB0	Rgs17	1.091406255	0.126188218	0.376793891	0.423896147	Regulator of G-protein signaling 17 OS=Mus musculus GN=Rgs17 PE=1 SV=1
Q8CAE9	Podxl2	1.14010582	0.189167736	0.377137529	0.423500249	Podocalyxin-like protein 2 OS=Mus musculus GN=Podxl2 PE=2 SV=2
Q99JY0	Hadhb	0.927721958	-0.108235606	0.377192338	0.423437138	Trifunctional enzyme subunit beta, mitochondrial OS=Mus musculus GN=Hadhb PE=1 SV=1
A2A690	Tanc2	0.91971162	-0.120746527	0.377220775	0.423404397	Protein TANC2 OS=Mus musculus GN=Tanc2 PE=1 SV=1
P08103	Hck	1.055448637	0.077856372	0.377637987	0.422924326	Tyrosine-protein kinase HCK OS=Mus musculus GN=Hck PE=1 SV=4
Q9CQW1	Ykt6	1.032235721	0.045772462	0.378050405	0.422450292	Synaptobrevin homolog YKT6 OS=Mus musculus GN=Ykt6 PE=2 SV=1
Q3UHL1	Camkv	0.963389551	-0.053808819	0.378175048	0.422307129	CaM kinase-like vesicle-associated protein OS=Mus musculus GN=Camkv PE=1 SV=2
Q61696	Hspa1a	1.084166659	0.116586546	0.378218597	0.422257121	Heat shock 70 kDa protein 1A OS=Mus musculus GN=Hspa1a PE=1 SV=2
Q921H8	Acaa1a	1.073245436	0.101980038	0.378735052	0.421664499	3-ketoacyl-CoA thiolase A, peroxisomal OS=Mus musculus GN=Acaa1a PE=1 SV=1
Q6IRU5-3	Cltb	0.955783886	-0.065243651	0.379014055	0.421344685	Isoform 3 of Clathrin light chain B OS=Mus musculus GN=Cltb
O70305-3	Atxn2	0.945232538	-0.081258802	0.379038269	0.421316939	Isoform 3 of Ataxin-2 OS=Mus musculus GN=Atxn2
P47867	Scg3	1.074046174	0.103056017	0.379360856	0.420947484	Secretogranin-3 OS=Mus musculus GN=Scg3 PE=1 SV=1
P62751	Rpl23a	0.91942201	-0.121200891	0.379662035	0.420602829	60S ribosomal protein L23a OS=Mus musculus GN=Rpl23a PE=1 SV=1
Q8K4G5-4	Ablim1	1.042120635	0.059522293	0.380329273	0.419840247	Isoform 4 of Actin-binding LIM protein 1 OS=Mus musculus GN=Ablim1
Q99PJ0	Ntm	1.036186323	0.051283447	0.381050046	0.419017981	Neurotrimin OS=Mus musculus GN=Ntm PE=2 SV=2
Q5HZI2	C2cd4cC2CD4	0.912547622	-0.132028246	0.381306632	0.418725641	C2 calcium-dependent domain-containing protein 4C OS=Mus musculus GN=C2cd4cC2CD4 family PE=2 SV=1
Q3ULD5	Mccc2	1.110778194	0.151570761	0.381379619	0.41864252	Methylcrotonoyl-CoA carboxylase beta chain, mitochondrial OS=Mus musculus GN=Mccc2 PE=1 SV=1
Q9R0Q7	Ptges3	0.945496975	-0.080855252	0.381697849	0.418280288	Prostaglandin E synthase 3 OS=Mus musculus GN=Ptges3 PE=1 SV=1
Q8BFR5	Tufm	0.973310619	-0.0390278	0.381951747	0.4179915	Elongation factor Tu, mitochondrial OS=Mus musculus GN=Tufm PE=1 SV=1
P22315	Fech	1.025567139	0.036421941	0.382131452	0.417787216	Ferrochelatase, mitochondrial OS=Mus musculus GN=Fech PE=1 SV=2
Q64676	Ugt8	0.87578938	-0.19134414	0.38243637	0.417440813	2-hydroxyacylsphingosine 1-beta-galactosyltransferase OS=Mus musculus GN=Ugt8 PE=2 SV=2
Q9D1L9	Lamtor5	1.131379106	0.178082433	0.382556413	0.417304513	Ragulator complex protein LAMTOR5 OS=Mus musculus GN=Lamtor5 PE=2 SV=1
Q3UTJ2	Sorbs2	0.956663614	-0.063916367	0.382571485	0.417287403	Sorbin and SH3 domain-containing protein 2 OS=Mus musculus GN=Sorbs2 PE=1 SV=2
O35621	Pmm1	1.060886977	0.085270965	0.382854614	0.416966114	Phosphomannomutase 1 OS=Mus musculus GN=Pmm1 PE=1 SV=1
B0F2B4	Nlgn4l	0.854556739	-0.226751811	0.383467413	0.416271536	Neuroligin 4-like OS=Mus musculus GN=Nlgn4l PE=1 SV=1
A2ARP1-3	Ppip5k1	1.077275768	0.107387608	0.383565572	0.416160381	Isoform 3 of Inositol hexakisphosphate and diphosphoinositol-pentakisphosphate kinase 1 OS=Mus musculus GN=Ppip5k1
Q8K3W0	Bre	1.059484408	0.083362356	0.3837508	0.415950706	BRCA1-A complex subunit BRE OS=Mus musculus GN=Bre PE=1 SV=2
Q9D0L8-2	Rnmt	0.929154049	-0.106010287	0.384330576	0.415295064	Isoform 2 of mRNA cap guanine-N7 methyltransferase OS=Mus musculus GN=Rnmt
Q61107	Gbp4	1.090599904	0.125121934	0.384447268	0.415163221	Guanylate-binding protein 4 OS=Mus musculus GN=Gbp4 PE=1 SV=1
Q8K1M6	Dnm1l	1.047407422	0.066822733	0.384473469	0.415133624	Dynamin-1-like protein OS=Mus musculus GN=Dnm1l PE=1 SV=2
P50518	Atp6v1e1	1.037015986	0.052438134	0.384601369	0.414989174	V-type proton ATPase subunit E 1 OS=Mus musculus GN=Atp6v1e1 PE=1 SV=2
P63034-3	Cyth2	1.091203999	0.125920837	0.384726926	0.414847417	Isoform 3 of Cytohesin-2 OS=Mus musculus GN=Cyth2
Q3THK3	Gtf2f1	1.088914009	0.122890029	0.384848576	0.414710116	General transcription factor IIF subunit 1 OS=Mus musculus GN=Gtf2f1 PE=1 SV=2
Q9DB20	Atp5o	0.973418695	-0.038867612	0.384983939	0.414557389	ATP synthase subunit O, mitochondrial OS=Mus musculus GN=Atp5o PE=1 SV=1
Q99LX0	Park7	1.054235369	0.076197	0.385123242	0.414400271	Protein DJ-1 OS=Mus musculus GN=Park7 PE=1 SV=1
Q9CRC9-2	Gnpda2	1.148490976	0.199739521	0.385139298	0.414382165	Isoform 2 of Glucosamine-6-phosphate isomerase 2 OS=Mus musculus GN=Gnpda2
O70493	Snx12	0.909052708	-0.137564148	0.385706179	0.413743404	Sorting nexin-12 OS=Mus musculus GN=Snx12 PE=1 SV=1
Q9QZQ1	Mllt4	1.132624581	0.179669746	0.385855408	0.413575409	Afadin OS=Mus musculus GN=Mllt4 PE=1 SV=3
Q3U5Q7	Cmpk2	0.942737885	-0.08507139	0.386144914	0.413249681	UMP-CMP kinase 2, mitochondrial OS=Mus musculus GN=Cmpk2 PE=2 SV=2
Q3B807	Tcerg1l	0.834193001	-0.261546886	0.386266162	0.413113336	Transcription elongation regulator 1-like protein OS=Mus musculus GN=Tcerg1l PE=2 SV=3
P19246	Nefh	0.88475919	-0.176643253	0.386391169	0.412972808	Neurofilament heavy polypeptide OS=Mus musculus GN=Nefh PE=1 SV=3
Q9QUR6	Prep	0.951912057	-0.071099799	0.386407583	0.41295436	Prolyl endopeptidase OS=Mus musculus GN=Prep PE=2 SV=1
Q9JJ57-3	Kcnip1	0.923023838	-0.115560188	0.38719	0.412075867	Isoform 3 of Kv channel-interacting protein 1 OS=Mus musculus GN=Kcnip1
Q8R0A7	Kiaa0513	0.934237371	-0.098138938	0.387919774	0.411258082	Uncharacterized protein KIAA0513 OS=Mus musculus GN=Kiaa0513 PE=2 SV=1
Q9Z0G2	Srpk3	1.139056208	0.18783894	0.387992257	0.411176942	SRSF protein kinase 3 OS=Mus musculus GN=Srpk3 PE=2 SV=1
Q9QX47-3	Son	0.897817516	-0.155505852	0.388376976	0.410746524	Isoform 3 of Protein SON OS=Mus musculus GN=Son
Q8C2Q3-2	Rbm14	1.049055219	0.069090619	0.388688995	0.410397755	Isoform 2 of RNA-binding protein 14 OS=Mus musculus GN=Rbm14
Q02357-3	Ank1	1.062497859	0.087459934	0.388835123	0.410234513	Isoform Er3 of Ankyrin-1 OS=Mus musculus GN=Ank1
Q8K0D5	Gfm1	1.075377154	0.104842728	0.388940439	0.4101169	Elongation factor G, mitochondrial OS=Mus musculus GN=Gfm1 PE=2 SV=1
Q99PL5-11	Rrbp1	1.198425542	0.261140278	0.389526442	0.409463056	Isoform RRp1.8 of Ribosome-binding protein 1 OS=Mus musculus GN=Rrbp1
Q9JLM8	Dclk1	1.036805876	0.0521458	0.3899732	0.408965238	Serine/threonine-protein kinase DCLK1 OS=Mus musculus GN=Dclk1 PE=1 SV=1
Q8CE90-2	Map2k7	0.908121276	-0.139043118	0.390063415	0.408864782	Isoform 2 of Dual specificity mitogen-activated protein kinase kinase 7 OS=Mus musculus GN=Map2k7
Q7TNC4-3	Luc7l2	1.093554643	0.129025311	0.390229133	0.408680311	Isoform 3 of Putative RNA-binding protein Luc7-like 2 OS=Mus musculus GN=Luc7l2
Q9R0N7	Syt7	0.971595433	-0.041572386	0.390469853	0.408412491	Synaptotagmin-7 OS=Mus musculus GN=Syt7 PE=1 SV=1
Q9D7A8	Armc1	1.053014312	0.074525045	0.390799875	0.408045584	Armadillo repeat-containing protein 1 OS=Mus musculus GN=Armc1 PE=1 SV=1
P16125	Ldhb	0.943620898	-0.083720725	0.390872114	0.407965313	L-lactate dehydrogenase B chain OS=Mus musculus GN=Ldhb PE=1 SV=2
Q99MN1	Kars	1.058277684	0.081718229	0.391000695	0.40782247	Lysine--tRNA ligase OS=Mus musculus GN=Kars PE=1 SV=1
Q80Y55	Bsdc1	0.799161315	-0.323441346	0.391161578	0.40764381	BSD domain-containing protein 1 OS=Mus musculus GN=Bsdc1 PE=2 SV=1
Q6PGL7	Fam21	1.078649136	0.10922566	0.391371426	0.407410885	WASH complex subunit FAM21 OS=Mus musculus GN=Fam21 PE=1 SV=1
Q9QYJ0	Dnaja2	0.938444014	-0.091657416	0.391977718	0.40673862	DnaJ homolog subfamily A member 2 OS=Mus musculus GN=Dnaja2 PE=1 SV=1
Q9CZC8	Scrn1	1.036438399	0.051634372	0.391981097	0.406734876	Secernin-1 OS=Mus musculus GN=Scrn1 PE=1 SV=1
Q9CXW2	Mrps22	0.929514018	-0.105451473	0.392480569	0.406181839	28S ribosomal protein S22, mitochondrial OS=Mus musculus GN=Mrps22 PE=2 SV=1
P84228	Hist1h3b	0.946943495	-0.078649753	0.392675992	0.405965651	Histone H3.2 OS=Mus musculus GN=Hist1h3b PE=1 SV=2
O70456	Sfn	0.891747744	-0.165292433	0.393054519	0.405547206	14-3-3 protein sigma OS=Mus musculus GN=Sfn PE=1 SV=2
Q8C570	Rae1	1.195927845	0.258130348	0.393178478	0.405410263	mRNA export factor OS=Mus musculus GN=Rae1 PE=1 SV=1
Q00PI9	Hnrnpul2	1.040655847	0.057493038	0.393214319	0.405370675	Heterogeneous nuclear ribonucleoprotein U-like protein 2 OS=Mus musculus GN=Hnrnpul2 PE=1 SV=2
Q8CI71-3	Ccdc132	0.97197998	-0.041001496	0.393307118	0.405268194	Isoform 3 of Coiled-coil domain-containing protein 132 OS=Mus musculus GN=Ccdc132
Q8VDQ1	Ptgr2	1.077325179	0.107453778	0.393386831	0.405180183	Prostaglandin reductase 2 OS=Mus musculus GN=Ptgr2 PE=1 SV=2
Q8C522	Endod1	0.92419922	-0.113724223	0.393835874	0.404684727	Endonuclease domain-containing 1 protein OS=Mus musculus GN=Endod1 PE=1 SV=2
Q5RJI5-3	Brsk1	0.963858949	-0.053106056	0.393917276	0.404594972	Isoform 3 of Serine/threonine-protein kinase BRSK1 OS=Mus musculus GN=Brsk1
Q8VE33	Gdap1l1	0.788568999	-0.342691101	0.394168402	0.404318193	Ganglioside-induced differentiation-associated protein 1-like 1 OS=Mus musculus GN=Gdap1l1 PE=2 SV=1
Q9JMA1	Usp14	0.957304065	-0.06295086	0.394684845	0.403749549	Ubiquitin carboxyl-terminal hydrolase 14 OS=Mus musculus GN=Usp14 PE=1 SV=3
Q61466	Smarcd1	1.108146927	0.148149179	0.39514376	0.403244872	SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily D member 1 OS=Mus musculus GN=Smarcd1 PE=1 SV=3
Q8CCJ3	Ufl1	0.865044464	-0.209153805	0.395745211	0.402584331	E3 UFM1-protein ligase 1 OS=Mus musculus GN=Ufl1 PE=1 SV=2
Q07235	Serpine2	0.94840286	-0.076428081	0.396236989	0.402044985	Glia-derived nexin OS=Mus musculus GN=Serpine2 PE=2 SV=2
Q9CR00	Psmd9	1.054032737	0.075919676	0.396265477	0.402013762	26S proteasome non-ATPase regulatory subunit 9 OS=Mus musculus GN=Psmd9 PE=1 SV=1
Q810B6	Ankfy1	1.066505643	0.092891599	0.39627044	0.402008323	Ankyrin repeat and FYVE domain-containing protein 1 OS=Mus musculus GN=Ankfy1 PE=2 SV=2
Q8K1M6-3	Dnm1l	1.045628156	0.064369895	0.396370406	0.401898778	Isoform 3 of Dynamin-1-like protein OS=Mus musculus GN=Dnm1l
Q6NZL0	Soga3	1.094672629	0.130499485	0.397434352	0.400734598	Protein SOGA3 OS=Mus musculus GN=Soga3 PE=2 SV=2
P56391	Cox6b1	0.927340032	-0.10882966	0.398443113	0.399633675	Cytochrome c oxidase subunit 6B1 OS=Mus musculus GN=Cox6b1 PE=1 SV=2
Q99LD4	Gps1	0.827375071	-0.273386605	0.398726385	0.399325025	COP9 signalosome complex subunit 1 OS=Mus musculus GN=Gps1 PE=1 SV=1
Q9CPW4	Arpc5	1.108767556	0.148956948	0.398766529	0.399281302	Actin-related protein 2/3 complex subunit 5 OS=Mus musculus GN=Arpc5 PE=2 SV=3
Q8VCT3	Rnpep	1.049514278	0.069721794	0.399051819	0.398970705	Aminopeptidase B OS=Mus musculus GN=Rnpep PE=2 SV=2
P50247	Ahcy	1.080265831	0.111386374	0.399088793	0.398930468	Adenosylhomocysteinase OS=Mus musculus GN=Ahcy PE=1 SV=3
Q2TA57	Asphd1	0.907924799	-0.139355287	0.399109468	0.398907969	Aspartate beta-hydroxylase domain-containing protein 1 OS=Mus musculus GN=Asphd1 PE=2 SV=2
Q4VC33	Maea	0.913354956	-0.130752453	0.399214468	0.398793728	Macrophage erythroblast attacher OS=Mus musculus GN=Maea PE=1 SV=1
Q6P8J7	Ckmt2	0.906223305	-0.142061502	0.399589326	0.398386122	Creatine kinase S-type, mitochondrial OS=Mus musculus GN=Ckmt2 PE=1 SV=1
A2AR50-4	Ralgps1	1.065070267	0.090948613	0.40014556	0.397781997	Isoform 4 of Ras-specific guanine nucleotide-releasing factor RalGPS1 OS=Mus musculus GN=Ralgps1
O08582	Gtpbp1	1.021815354	0.031134519	0.400726989	0.397151407	GTP-binding protein 1 OS=Mus musculus GN=Gtpbp1 PE=1 SV=2
P58252	Eef2	0.966305831	-0.049448228	0.400931639	0.396929671	Elongation factor 2 OS=Mus musculus GN=Eef2 PE=1 SV=2
Q9D1D4-2	Tmed10	1.10610631	0.145490053	0.401402356	0.396420083	Isoform 2 of Transmembrane emp24 domain-containing protein 10 OS=Mus musculus GN=Tmed10
Q8BGN3	Enpp6	0.910081624	-0.13593215	0.401544201	0.396266642	Ectonucleotide pyrophosphatase/phosphodiesterase family member 6 OS=Mus musculus GN=Enpp6 PE=2 SV=1
O08663	Metap2	0.948722295	-0.075942244	0.40157587	0.396232391	Methionine aminopeptidase 2 OS=Mus musculus GN=Metap2 PE=1 SV=1
P23819-3	Gria2	0.965591835	-0.050514618	0.40198702	0.395787969	Isoform 3 of Glutamate receptor 2 OS=Mus musculus GN=Gria2
Q9CS84-3	Nrxn1	1.018528897	0.026486912	0.402150413	0.395611481	Isoform 3a of Neurexin-1 OS=Mus musculus GN=Nrxn1
Q8K2B3	Sdha	0.94352836	-0.083862213	0.40250875	0.395224674	Succinate dehydrogenase [ubiquinone] flavoprotein subunit, mitochondrial OS=Mus musculus GN=Sdha PE=1 SV=1
O09005	Degs1	1.071196947	0.099223754	0.402533593	0.39519787	Sphingolipid delta(4)-desaturase DES1 OS=Mus musculus GN=Degs1 PE=2 SV=1
P97427	Crmp1	1.031747191	0.04508951	0.402792734	0.394918373	Dihydropyrimidinase-related protein 1 OS=Mus musculus GN=Crmp1 PE=1 SV=1
P10639	Txn	0.940779298	-0.088071781	0.403472404	0.394186164	Thioredoxin OS=Mus musculus GN=Txn PE=1 SV=3
O70310	Nmt1	0.972482216	-0.040256228	0.403554092	0.394098245	Glycylpeptide N-tetradecanoyltransferase 1 OS=Mus musculus GN=Nmt1 PE=1 SV=1
Q91VT4	Cbr4	1.158205777	0.211891599	0.403577534	0.394073017	Carbonyl reductase family member 4 OS=Mus musculus GN=Cbr4 PE=1 SV=2
Q8R4U6	Top1mt	0.89560479	-0.15906585	0.403799146	0.393834604	DNA topoisomerase I, mitochondrial OS=Mus musculus GN=Top1mt PE=2 SV=1
Q8CGF7-3	Tcerg1	0.875079845	-0.192513436	0.404393098	0.393196266	Isoform 3 of Transcription elongation regulator 1 OS=Mus musculus GN=Tcerg1
Q9R1V4	Adam11	1.072108409	0.100450795	0.404608838	0.392964635	Disintegrin and metalloproteinase domain-containing protein 11 OS=Mus musculus GN=Adam11 PE=1 SV=2
Q91WM1	Strbp	0.968655967	-0.045943733	0.405002364	0.392542442	Spermatid perinuclear RNA-binding protein OS=Mus musculus GN=Strbp PE=1 SV=1
Q7SIG6	Asap2	1.159898119	0.21399809	0.405140087	0.392394783	Arf-GAP with SH3 domain, ANK repeat and PH domain-containing protein 2 OS=Mus musculus GN=Asap2 PE=1 SV=3
P48455	Ppp3cc	0.809573936	-0.304765251	0.40531035	0.392212306	Serine/threonine-protein phosphatase 2B catalytic subunit gamma isoform OS=Mus musculus GN=Ppp3cc PE=2 SV=1
Q6ZWR6	Syne1	1.065200434	0.091124921	0.405343732	0.392176538	Nesprin-1 OS=Mus musculus GN=Syne1 PE=1 SV=2
Q8BLK3	Lsamp	0.959104894	-0.060239488	0.405769612	0.39172048	Limbic system-associated membrane protein OS=Mus musculus GN=Lsamp PE=1 SV=1
Q9QYX7	Pclo	0.960097522	-0.05874714	0.406459351	0.39098288	Protein piccolo OS=Mus musculus GN=Pclo PE=1 SV=4
Q9JKV1	Adrm1	0.933297628	-0.099590866	0.406604793	0.390827507	Proteasomal ubiquitin receptor ADRM1 OS=Mus musculus GN=Adrm1 PE=1 SV=2
O88569-3	Hnrnpa2b1	0.960327858	-0.058401066	0.407036351	0.390366804	Isoform 3 of Heterogeneous nuclear ribonucleoproteins A2/B1 OS=Mus musculus GN=Hnrnpa2b1
Q7TNV1	Fam57b	1.128786221	0.174772282	0.407170353	0.390223852	Protein FAM57B OS=Mus musculus GN=Fam57b PE=2 SV=2

Accession	Gene	Fold Change (KO vs. WT)	Log2 Fold Change	Students T Test	-Log10 T Test	Description
Q9Z2U2	Zfp292	0.900112455	-0.151822841	0.407364899	0.390016395	Zinc finger protein 292 OS=Mus musculus GN=Zfp292 PE=1 SV=2
P38060	Hmgcl	0.941659404	-0.08672276	0.407413647	0.389964428	Hydroxymethylglutaryl-CoA lyase, mitochondrial OS=Mus musculus GN=Hmgcl PE=1 SV=2
Q3UGS4	Fam195b	0.893962262	-0.161714165	0.407443284	0.389932836	Protein FAM195B OS=Mus musculus GN=Fam195b PE=1 SV=1
Q8K207		1.11848193	0.161541949	0.407500297	0.38987207	Uncharacterized protein C1orf21 homolog OS=Mus musculus PE=1 SV=1
P28738	Kif5c	1.046034014	0.064929765	0.407752286	0.389603595	Kinesin heavy chain isoform 5C OS=Mus musculus GN=Kif5c PE=1 SV=3
P46061	Rangap1	0.948973837	-0.075559782	0.40777318	0.389581342	Ran GTPase-activating protein 1 OS=Mus musculus GN=Rangap1 PE=1 SV=2
P97434-5	Mprip	1.068473423	0.095551024	0.407895273	0.389451328	Isoform 5 of Myosin phosphatase Rho-interacting protein OS=Mus musculus GN=Mprip
Q62148	Aldh1a2	0.935373482	-0.096385567	0.408091069	0.38924291	Retinal dehydrogenase 2 OS=Mus musculus GN=Aldh1a2 PE=2 SV=2
Q8CC27-3	Cacnb2	0.935293435	-0.096509034	0.40831868	0.389000751	Isoform 3 of Voltage-dependent L-type calcium channel subunit beta-2 OS=Mus musculus GN=Cacnb2
Q9ER72	Cars	0.941141935	-0.087515781	0.408980943	0.388296928	Cysteine--tRNA ligase, cytoplasmic OS=Mus musculus GN=Cars PE=2 SV=2
P26443	Glud1	0.92885008	-0.106482337	0.409393117	0.387859464	Glutamate dehydrogenase 1, mitochondrial OS=Mus musculus GN=Glud1 PE=1 SV=1
P62774	Mtpn	0.968688752	-0.045894906	0.409851008	0.387373992	Myotrophin OS=Mus musculus GN=Mtpn PE=1 SV=2
Q99MR6-3	Srrt	0.928638488	-0.10681102	0.40994981	0.38726931	Isoform C of Serrate RNA effector molecule homolog OS=Mus musculus GN=Srrt
Q69ZK0	Prex1	0.957770427	-0.062248204	0.410534439	0.386650405	Phosphatidylinositol 3,4,5-trisphosphate-dependent Rac exchanger 1 protein OS=Mus musculus GN=Prex1 PE=1 SV=2
P35279	Rab6a	0.944197071	-0.082840088	0.411123935	0.386027238	Ras-related protein Rab-6A OS=Mus musculus GN=Rab6a PE=1 SV=4
Q6TDU8	Casc1	0.900936309	-0.150502976	0.411728622	0.385388941	Protein CASC1 OS=Mus musculus GN=Casc1 PE=2 SV=1
Q9R1T2	Sae1	0.954801128	-0.066727823	0.412431372	0.384648307	SUMO-activating enzyme subunit 1 OS=Mus musculus GN=Sae1 PE=1 SV=1
Q9JHL1	Slc9a3r2	0.91469707	-0.128634066	0.413088477	0.38395692	Na(+)/H(+) exchange regulatory cofactor NHE-RF2 OS=Mus musculus GN=Slc9a3r2 PE=1 SV=2
P52800	Efnb2	0.913539622	-0.130460792	0.413199656	0.383840048	Ephrin-B2 OS=Mus musculus GN=Efnb2 PE=1 SV=1
Q5SP85-3	Ccdc85a	1.096398925	0.132772818	0.413314025	0.383719858	Isoform 3 of Coiled-coil domain-containing protein 85A OS=Mus musculus GN=Ccdc85a
P63038-2	Hspd1	0.952259365	-0.070573525	0.413836004	0.383171728	Isoform 2 of 60 kDa heat shock protein, mitochondrial OS=Mus musculus GN=Hspd1
Q6ZWV7	Rpl35	0.849850859	-0.23471841	0.413964943	0.383036436	60S ribosomal protein L35 OS=Mus musculus GN=Rpl35 PE=2 SV=1
Q924D0	Rtn4ip1	1.088650632	0.122541041	0.414372996	0.382608555	Reticulon-4-interacting protein 1, mitochondrial OS=Mus musculus GN=Rtn4ip1 PE=1 SV=2
Q52KF3-3	Spire1	0.855553064	-0.225070758	0.414430388	0.382548407	Isoform 3 of Protein spire homolog 1 OS=Mus musculus GN=Spire1
Q9JKK7-3	Tmod2	1.036885468	0.052256546	0.414634037	0.382335049	Isoform 3 of Tropomodulin-2 OS=Mus musculus GN=Tmod2
Q9WUM5	Suclg1	0.963805522	-0.053186028	0.415103541	0.381843561	Succinyl-CoA ligase [ADP/GDP-forming] subunit alpha, mitochondrial OS=Mus musculus GN=Suclg1 PE=1 SV=4
Q8BHN0	Ppm1l	1.124326502	0.169061052	0.415167185	0.38177698	Protein phosphatase 1L OS=Mus musculus GN=Ppm1l PE=1 SV=1
Q921J2	Rheb	0.923313484	-0.115107539	0.415569927	0.381355888	GTP-binding protein Rheb OS=Mus musculus GN=Rheb PE=1 SV=1
P04925	Prnp	1.072064454	0.100391646	0.415751216	0.381166472	Major prion protein OS=Mus musculus GN=Prnp PE=1 SV=2
Q9Z2I0	Letm1	1.021062511	0.030071193	0.415764392	0.381152708	LETM1 and EF-hand domain-containing protein 1, mitochondrial OS=Mus musculus GN=Letm1 PE=2 SV=1
Q810B6-2	Ankfy1	1.069556096	0.097012151	0.416515334	0.380369006	Isoform 2 of Ankyrin repeat and FYVE domain-containing protein 1 OS=Mus musculus GN=Ankfy1
Q63811	Ppp3r2	0.913752349	-0.130124884	0.416713326	0.380162611	Calcineurin subunit B type 2 OS=Mus musculus GN=Ppp3r2 PE=2 SV=3
P38585	Ttl	0.940905669	-0.087878002	0.418307137	0.378504725	Tubulin--tyrosine ligase OS=Mus musculus GN=Ttl PE=2 SV=2
Q63912	Omg	0.944446369	-0.082459221	0.418667638	0.378130607	Oligodendrocyte-myelin glycoprotein OS=Mus musculus GN=Omg PE=1 SV=1
Q91X97	Ncald	0.957552987	-0.062575773	0.418820088	0.377972496	Neurocalcin-delta OS=Mus musculus GN=Ncald PE=1 SV=4
Q9QUJ7	Acsl4	1.086813601	0.120104526	0.419097402	0.377685031	Long-chain-fatty-acid--CoA ligase 4 OS=Mus musculus GN=Acsl4 PE=2 SV=2
P57780	Actn4	0.982405105	-0.025610037	0.419327727	0.37744642	Alpha-actinin-4 OS=Mus musculus GN=Actn4 PE=1 SV=1
Q8BIQ3	Znf2	0.888577395	-0.170430655	0.419474443	0.377294494	Zinc finger protein 2 OS=Mus musculus GN=Znf2 PE=2 SV=1
Q8BLN5	Lss	1.07668047	0.106590161	0.419545217	0.377221226	Lanosterol synthase OS=Mus musculus GN=Lss PE=2 SV=2
P70336	Rock2	1.023289504	0.033214363	0.419659484	0.377102958	Rho-associated protein kinase 2 OS=Mus musculus GN=Rock2 PE=1 SV=1
O35098	Dpysl4	1.030968654	0.044000469	0.419993558	0.376757371	Dihydropyrimidinase-related protein 4 OS=Mus musculus GN=Dpysl4 PE=1 SV=1
P70168	Kpnb1	1.01908362	0.027272435	0.420202711	0.376541149	Importin subunit beta-1 OS=Mus musculus GN=Kpnb1 PE=1 SV=2
Q8CHP5	Wibg	0.91478937	-0.128488493	0.420207836	0.376535853	Partner of Y14 and mago OS=Mus musculus GN=Wibg PE=2 SV=2
B1AXV0	Frrs1l	0.953276708	-0.069033049	0.420264928	0.376476852	DOMON domain-containing protein FRRS1L OS=Mus musculus GN=Frrs1l PE=1 SV=1
Q8BSL7	Arf2	0.961026545	-0.057351815	0.42134688	0.375360218	ADP-ribosylation factor 2 OS=Mus musculus GN=Arf2 PE=1 SV=2
Q99J31	Ophn1	1.070520586	0.098312539	0.421514822	0.375187149	Oligophrenin-1 OS=Mus musculus GN=Ophn1 PE=1 SV=1
Q8CIG8	Prmt5	1.069666926	0.097161638	0.42162283	0.375075881	Protein arginine N-methyltransferase 5 OS=Mus musculus GN=Prmt5 PE=1 SV=3
P21279	Gnaq	1.021971063	0.031354347	0.421813372	0.374879656	Guanine nucleotide-binding protein G(q) subunit alpha OS=Mus musculus GN=Gnaq PE=1 SV=4
Q9D1P4	Chordc1	1.028217931	0.040146076	0.422071741	0.374613724	Cysteine and histidine-rich domain-containing protein 1 OS=Mus musculus GN=Chordc1 PE=1 SV=1
Q9ES00	Ube4b	1.037024029	0.052449324	0.422126808	0.374557067	Ubiquitin conjugation factor E4 B OS=Mus musculus GN=Ube4b PE=1 SV=3
Q8R3Z5-3	Cacnb1	0.930559722	-0.103829352	0.42224855	0.374431833	Isoform 3 of Voltage-dependent L-type calcium channel subunit beta-1 OS=Mus musculus GN=Cacnb1
Q91V61-2	Sfxn3	1.080260571	0.111379349	0.422875416	0.373787562	Isoform 2 of Sideroflexin-3 OS=Mus musculus GN=Sfxn3
Q91ZP9	Necab2	0.911555137	-0.133598172	0.42343019	0.373218181	N-terminal EF-hand calcium-binding protein 2 OS=Mus musculus GN=Necab2 PE=1 SV=1
Q9ERR7	Sep15	0.949397028	-0.074916562	0.423719796	0.372921246	15 kDa selenoprotein OS=Mus musculus GN=Sep15 PE=1 SV=3
P68433	Hist1h3a	0.949751197	-0.07437847	0.423734409	0.372906268	Histone H3.1 OS=Mus musculus GN=Hist1h3a PE=1 SV=2
Q9R008	Mvk	1.085305373	0.118101031	0.42428551	0.3723418	Mevalonate kinase OS=Mus musculus GN=Mvk PE=2 SV=1
Q9CQ19	Myl9	1.119949242	0.163433348	0.424348926	0.372276893	Myosin regulatory light polypeptide 9 OS=Mus musculus GN=Myl9 PE=1 SV=3
Q148W0	Atp8b1	1.057632636	0.080838601	0.42439476	0.372229987	Probable phospholipid-transporting ATPase IC OS=Mus musculus GN=Atp8b1 PE=1 SV=2
Q9CRT8	Xpot	0.936541437	-0.094585268	0.424402993	0.372221562	Exportin-T OS=Mus musculus GN=Xpot PE=2 SV=3
Q6ZWX6	Eif2s1	0.967201239	-0.048112002	0.42463713	0.371982034	Eukaryotic translation initiation factor 2 subunit 1 OS=Mus musculus GN=Eif2s1 PE=1 SV=3
Q62189	Snrpa	1.06248921	0.08744819	0.424650953	0.371967897	U1 small nuclear ribonucleoprotein A OS=Mus musculus GN=Snrpa PE=2 SV=3
B1AY13	Usp24	0.897368306	-0.156227864	0.425014699	0.37159605	Ubiquitin carboxyl-terminal hydrolase 24 OS=Mus musculus GN=Usp24 PE=1 SV=1
Q3ULF4	Spg7	1.117872152	0.1607552	0.425045672	0.371564401	Paraplegin OS=Mus musculus GN=Spg7 PE=1 SV=1
Q9JMG7	Hdgfrp3	0.93739441	-0.093271903	0.425253818	0.371351779	Hepatoma-derived growth factor-related protein 3 OS=Mus musculus GN=Hdgfrp3 PE=1 SV=2
Q9QXB9	Drg2	1.136957004	0.185177697	0.426015117	0.37057499	Developmentally-regulated GTP-binding protein 2 OS=Mus musculus GN=Drg2 PE=1 SV=1
Q61024	Asns	1.138651759	0.187326586	0.426599158	0.369980006	Asparagine synthetase [glutamine-hydrolyzing] OS=Mus musculus GN=Asns PE=2 SV=3
Q6PHS9-4	Cacna2d2	1.060293617	0.084463832	0.42710138	0.369469025	Isoform 4 of Voltage-dependent calcium channel subunit alpha-2/delta-2 OS=Mus musculus GN=Cacna2d2
Q68FE6	Fam65a	1.111530821	0.152547953	0.427825767	0.368733062	Protein FAM65A OS=Mus musculus GN=Fam65a PE=1 SV=2
Q61543	Glg1	1.01094773	0.015708406	0.427948364	0.368608629	Golgi apparatus protein 1 OS=Mus musculus GN=Glg1 PE=1 SV=1
P02088	Hbb-b1	1.08447158	0.116992246	0.428057846	0.368497538	Hemoglobin subunit beta-1 OS=Mus musculus GN=Hbb-b1 PE=1 SV=2
Q9EQQ9	Mgea5	0.964568949	-0.052043726	0.428961173	0.367582016	Bifunctional protein NCOAT OS=Mus musculus GN=Mgea5 PE=1 SV=2
O89053	Coro1a	0.963058505	-0.054304652	0.42916138	0.367379367	Coronin-1A OS=Mus musculus GN=Coro1a PE=1 SV=5
Q9CQ75	Ndufa2	0.955411159	-0.065806367	0.429218113	0.367321959	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 2 OS=Mus musculus GN=Ndufa2 PE=1 SV=3
P98086	C1qa	0.891728155	-0.165324126	0.429260389	0.367279185	Complement C1q subcomponent subunit A OS=Mus musculus GN=C1qa PE=1 SV=2
Q60759	Gcdh	1.074023185	0.103025138	0.42935913	0.367179297	Glutaryl-CoA dehydrogenase, mitochondrial OS=Mus musculus GN=Gcdh PE=1 SV=2
Q6GYP7-4	Ralgapa1	0.93383144	-0.098765933	0.430109837	0.366420625	Isoform 5 of Ral GTPase-activating protein subunit alpha-1 OS=Mus musculus GN=Ralgapa1
P61979-2	Hnrnpk	0.974779018	-0.036852898	0.430587383	0.3659387	Isoform 2 of Heterogeneous nuclear ribonucleoprotein K OS=Mus musculus GN=Hnrnpk
Q9D1C8	Vps28	0.894923852	-0.160163165	0.431491716	0.365027538	Vacuolar protein sorting-associated protein 28 homolog OS=Mus musculus GN=Vps28 PE=2 SV=1
P62073	Timm10	1.047912984	0.067518924	0.431655348	0.364862874	Mitochondrial import inner membrane translocase subunit Tim10 OS=Mus musculus GN=Timm10 PE=1 SV=1
Q8C547-3	Heatr5b	1.116096215	0.158461403	0.431839396	0.36467774	Isoform 3 of HEAT repeat-containing protein 5B OS=Mus musculus GN=Heatr5b
P51880	Fabp7	1.092994457	0.128286084	0.432585041	0.363928503	Fatty acid-binding protein, brain OS=Mus musculus GN=Fabp7 PE=1 SV=2
Q920P3	Brinp1	0.890576692	-0.167188241	0.432673548	0.363839655	BMP/retinoic acid-inducible neural-specific protein 1 OS=Mus musculus GN=Brinp1 PE=2 SV=1
Q9CZ44	Nsfl1c	1.086518083	0.119712185	0.432765254	0.363747616	NSFL1 cofactor p47 OS=Mus musculus GN=Nsfl1c PE=1 SV=1
Q9D4H8-2	Cul2	1.056154606	0.07882104	0.433207013	0.363304521	Isoform 2 of Cullin-2 OS=Mus musculus GN=Cul2
P46656	Fdx1	0.914768964	-0.128520675	0.433461901	0.363049069	Adrenodoxin, mitochondrial OS=Mus musculus GN=Fdx1 PE=1 SV=1
Q9WUD1	Stub1	1.064516479	0.090198283	0.433728481	0.362782059	STIP1 homology and U box-containing protein 1 OS=Mus musculus GN=Stub1 PE=1 SV=1
Q9D8N2	Fam45a	0.942940089	-0.084761985	0.433779281	0.362731195	Protein FAM45A OS=Mus musculus GN=Fam45a PE=2 SV=2
Q8CIV8	Tbce	1.086157278	0.119233024	0.433924247	0.362586082	Tubulin-specific chaperone E OS=Mus musculus GN=Tbce PE=1 SV=1
Q9D5V6	Syap1	1.065441341	0.091451166	0.434187853	0.362322331	Synapse-associated protein 1 OS=Mus musculus GN=Syap1 PE=1 SV=1
Q8VE22	Mrps23	0.959566375	-0.059545491	0.434260824	0.362249348	28S ribosomal protein S23, mitochondrial OS=Mus musculus GN=Mrps23 PE=1 SV=1
P61022	Chp1	1.11055198	0.15127692	0.434677551	0.361832788	Calcineurin B homologous protein 1 OS=Mus musculus GN=Chp1 PE=1 SV=2
Q3U7R1	Esyt1	0.928632422	-0.106820443	0.435073611	0.361437257	Extended synaptotagmin-1 OS=Mus musculus GN=Esyt1 PE=2 SV=2
Q9WTQ5	Akap12	1.052467238	0.073775324	0.435463407	0.361048334	A-kinase anchor protein 12 OS=Mus musculus GN=Akap12 PE=1 SV=1
Q8R0S4-2	Cacnb4	0.933812786	-0.098794753	0.436239033	0.360275478	Isoform 2 of Voltage-dependent L-type calcium channel subunit beta-4 OS=Mus musculus GN=Cacnb4
Q8C7M3-3	Trim9	0.944074243	-0.083027776	0.436449575	0.360065925	Isoform 3 of E3 ubiquitin-protein ligase TRIM9 OS=Mus musculus GN=Trim9
Q9D1X0	Nol3	1.095512904	0.131606478	0.436732055	0.359784931	Nucleolar protein 3 OS=Mus musculus GN=Nol3 PE=1 SV=1
Q7TMB8-2	Cyfip1	0.988542321	-0.016625363	0.436955048	0.359563239	Isoform 2 of Cytoplasmic FMR1-interacting protein 1 OS=Mus musculus GN=Cyfip1
Q9D7G0	Prps1	0.955002859	-0.066423042	0.437036272	0.359482517	Ribose-phosphate pyrophosphokinase 1 OS=Mus musculus GN=Prps1 PE=1 SV=4
P52825	Cpt2	0.935990637	-0.095433996	0.437242454	0.359277677	Carnitine O-palmitoyltransferase 2, mitochondrial OS=Mus musculus GN=Cpt2 PE=1 SV=2
Q99LB6	Mat2b	1.038210468	0.054098939	0.43748961	0.359032257	Methionine adenosyltransferase 2 subunit beta OS=Mus musculus GN=Mat2b PE=2 SV=1
Q8R123	Flad1	1.105566419	0.1447857	0.438021826	0.358504249	FAD synthase OS=Mus musculus GN=Flad1 PE=1 SV=1
Q921H9	Coa7	0.943747457	-0.083527243	0.438184208	0.358343278	Cytochrome c oxidase assembly factor 7 OS=Mus musculus GN=Coa7 PE=2 SV=1
P11983	Tcp1	1.018728076	0.026769011	0.438266754	0.358261473	T-complex protein 1 subunit alpha OS=Mus musculus GN=Tcp1 PE=1 SV=3
Q8BTM8	Flna	1.097911409	0.134761647	0.438478095	0.358052097	Filamin-A OS=Mus musculus GN=Flna PE=1 SV=5
Q8C0C7	Farsa	1.03040456	0.043210883	0.439037835	0.357498052	Phenylalanine--tRNA ligase alpha subunit OS=Mus musculus GN=Farsa PE=2 SV=1
Q80W47	Wipi2	1.035437577	0.050240581	0.439118321	0.357418443	WD repeat domain phosphoinositide-interacting protein 2 OS=Mus musculus GN=Wipi2 PE=1 SV=1
Q9DAK9	Phpt1	0.934343282	-0.097975395	0.439131265	0.357405641	14 kDa phosphohistidine phosphatase OS=Mus musculus GN=Phpt1 PE=2 SV=1
Q9Z1G3	Atp6v1c1	0.973326651	-0.039004036	0.439315307	0.357223665	V-type proton ATPase subunit C 1 OS=Mus musculus GN=Atp6v1c1 PE=1 SV=4
Q3UU96-2	Cdc42bpa	0.94180294	-0.086502868	0.439559387	0.356982441	Isoform 2 of Serine/threonine-protein kinase MRCK alpha OS=Mus musculus GN=Cdc42bpa
P60764	Rac3	0.964319479	-0.052416904	0.439989466	0.356557721	Ras-related C3 botulinum toxin substrate 3 OS=Mus musculus GN=Rac3 PE=1 SV=1
P28663	Napb	0.98218195	-0.025937785	0.440189118	0.356360698	Beta-soluble NSF attachment protein OS=Mus musculus GN=Napb PE=1 SV=2
Q99KV1	Dnajb11	0.939500283	-0.090034499	0.441056474	0.355505799	DnaJ homolog subfamily B member 11 OS=Mus musculus GN=Dnajb11 PE=1 SV=1
Q9JMF3	Gng13	0.903947465	-0.145689165	0.441356604	0.355210371	Guanine nucleotide-binding protein G(I)/G(S)/G(O) subunit gamma-13 OS=Mus musculus GN=Gng13 PE=3 SV=1
Q8R1N4-2	Nudcd3	0.924926551	-0.11258929	0.441631681	0.35493978	Isoform 2 of NudC domain-containing protein 3 OS=Mus musculus GN=Nudcd3
Q91V61	Sfxn3	1.075752086	0.105345637	0.441672833	0.354899313	Sideroflexin-3 OS=Mus musculus GN=Sfxn3 PE=1 SV=1
Q9ZZG6	Sel1l	1.034228008	0.04855428	0.442486689	0.35409979	Protein sel-1 homolog 1 OS=Mus musculus GN=Sel1l PE=2 SV=2
Q8BTZ7	Gmppb	1.091521925	0.126341109	0.442500041	0.354086685	Mannose-1-phosphate guanyltransferase beta OS=Mus musculus GN=Gmppb PE=2 SV=1

Accession	Gene	Fold Change (KO vs. WT)	Log2 Fold Change	Students T Test	-Log10 T Test	Description
Q9JIG7	Ccdc22	0.92687433	-0.10955435	0.442514961	0.354072041	Coiled-coil domain-containing protein 22 OS=Mus musculus GN=Ccdc22 PE=1 SV=1
Q9DBC7	Prkar1a	1.047484608	0.066929045	0.442752006	0.353839462	cAMP-dependent protein kinase type I-alpha regulatory subunit OS=Mus musculus GN=Prkar1a PE=1 SV=3
P70207	Plxna2	0.939350874	-0.090263949	0.442899385	0.353694923	Plexin-A2 OS=Mus musculus GN=Plxna2 PE=1 SV=2
Q6ZQJ3	Mlec	0.948888342	-0.075689763	0.443092195	0.3535059	Malectin OS=Mus musculus GN=Mlec PE=2 SV=2
O55128	Sap18	0.832195428	-0.265005732	0.44309243	0.353505669	Histone deacetylase complex subunit SAP18 OS=Mus musculus GN=Sap18 PE=1 SV=1
Q07417	Acads	0.904005092	-0.145597196	0.443211563	0.353388918	Short-chain specific acyl-CoA dehydrogenase, mitochondrial OS=Mus musculus GN=Acads PE=1 SV=2
P51163	Uros	1.075089545	0.104456827	0.44327762	0.353324195	Uroporphyrinogen-III synthase OS=Mus musculus GN=Uros PE=2 SV=1
Q8BGT8	Phyhipl	0.97225955	-0.040586594	0.443353162	0.35325019	Phytanoyl-CoA hydroxylase-interacting protein-like OS=Mus musculus GN=Phyhipl PE=2 SV=1
Q8K400	Stxbp5	1.106116036	0.145502738	0.443463162	0.35314245	Syntaxin-binding protein 5 OS=Mus musculus GN=Stxbp5 PE=1 SV=3
P07724	Alb	0.927706647	-0.108259416	0.443493914	0.353112336	Serum albumin OS=Mus musculus GN=Alb PE=1 SV=3
Q6ZQ82	Arhgap26	1.051831682	0.072903857	0.443595626	0.353012744	Rho GTPase-activating protein 26 OS=Mus musculus GN=Arhgap26 PE=1 SV=3
Q68FL4	Ahcyl2	1.047623264	0.067120002	0.444579718	0.352050354	Putative adenosylhomocysteinase 3 OS=Mus musculus GN=Ahcyl2 PE=1 SV=1
Q922Q8	Lrrc59	1.045583085	0.064307707	0.444898275	0.351739278	Leucine-rich repeat-containing protein 59 OS=Mus musculus GN=Lrrc59 PE=1 SV=1
Q99KB8	Hagh	1.040969614	0.057927957	0.444952882	0.351685976	Hydroxyacylglutathione hydrolase, mitochondrial OS=Mus musculus GN=Hagh PE=1 SV=2
Q9ER60	Scn4a	0.930155378	-0.104456363	0.445197294	0.351447484	Sodium channel protein type 4 subunit alpha OS=Mus musculus GN=Scn4a PE=2 SV=1
Q8BL65	Ablim2	0.963535623	-0.053590089	0.44529349	0.351353654	Actin-binding LIM protein 2 OS=Mus musculus GN=Ablim2 PE=1 SV=1
Q3TPE9	Ankmy2	0.918569277	-0.122539563	0.445358139	0.351290607	Ankyrin repeat and MYND domain-containing protein 2 OS=Mus musculus GN=Ankmy2 PE=1 SV=1
Q9D7V2	Lysmd2	1.075343919	0.104798139	0.445488618	0.351163387	LysM and putative peptidoglycan-binding domain-containing protein 2 OS=Mus musculus GN=Lysmd2 PE=2 SV=2
Q9ERR1	Ndel1	1.079222236	0.109991979	0.445664686	0.350991778	Nuclear distribution protein nudE-like 1 OS=Mus musculus GN=Ndel1 PE=1 SV=2
Q9ESN9-3	Mapk8ip3	1.038071764	0.053906183	0.445760426	0.35089849	Isoform 1b of C-Jun-amino-terminal kinase-interacting protein 3 OS=Mus musculus GN=Mapk8ip3
Q8R1B4	Eif3c	1.031769752	0.045121058	0.445822731	0.350837792	Eukaryotic translation initiation factor 3 subunit C OS=Mus musculus GN=Eif3c PE=1 SV=1
P04627	Araf	1.123987712	0.168626263	0.44646803	0.350209634	Serine/threonine-protein kinase A-Raf OS=Mus musculus GN=Araf PE=2 SV=2
Q9D906	Atg7	0.938264921	-0.091932766	0.446746569	0.349938774	Ubiquitin-like modifier-activating enzyme ATG7 OS=Mus musculus GN=Atg7 PE=1 SV=1
O35954	Pitpnm1	0.941512026	-0.086948572	0.446794564	0.34989212	Membrane-associated phosphatidylinositol transfer protein 1 OS=Mus musculus GN=Pitpnm1 PE=1 SV=1
Q9D287	Bcas2	1.084690554	0.117283522	0.446928099	0.34976234	Pre-mRNA-splicing factor SPF27 OS=Mus musculus GN=Bcas2 PE=2 SV=1
O88342	Wdr1	0.975515918	-0.035762681	0.447025534	0.34966767	WD repeat-containing protein 1 OS=Mus musculus GN=Wdr1 PE=1 SV=3
Q7TPH6	Mycbp2	1.054376302	0.076389851	0.4472874	0.349413335	Probable E3 ubiquitin-protein ligase MYCBP2 OS=Mus musculus GN=Mycbp2 PE=1 SV=2
P62264	Rps14	1.038575311	0.054605835	0.447315637	0.34938592	40S ribosomal protein S14 OS=Mus musculus GN=Rps14 PE=2 SV=3
Q6P1B1	Xpnpep1	0.976714042	-0.033991856	0.447736867	0.348977144	Xaa-Pro aminopeptidase 1 OS=Mus musculus GN=Xpnpep1 PE=2 SV=1
Q5SUF2-3	Luc7l3	0.934829741	-0.097224461	0.447749205	0.348965177	Isoform 3 of Luc7-like protein 3 OS=Mus musculus GN=Luc7l3
Q8CI75	Dis3l2	0.951801598	-0.071267218	0.447869956	0.34884807	DIS3-like exonuclease 2 OS=Mus musculus GN=Dis3l2 PE=1 SV=1
Q99LS3	Psph	0.923476017	-0.114853601	0.449290054	0.347473195	Phosphoserine phosphatase OS=Mus musculus GN=Psph PE=1 SV=1
O70293-2	Grk6	1.079493998	0.110355223	0.449734113	0.34704417	Isoform GRK6B of G protein-coupled receptor kinase 6 OS=Mus musculus GN=Grk6
Q8BL65-5	Ablim2	0.943902963	-0.083289542	0.450200854	0.346593685	Isoform 5 of Actin-binding LIM protein 2 OS=Mus musculus GN=Ablim2
Q91VK1	Bzw2	0.9512578	-0.072091716	0.451066493	0.345759433	Basic leucine zipper and W2 domain-containing protein 2 OS=Mus musculus GN=Bzw2 PE=1 SV=1
Q69ZK9	Nlgn2	1.062753007	0.087806341	0.4515381	0.345305599	Neuroligin-2 OS=Mus musculus GN=Nlgn2 PE=1 SV=2
P61965	Wdr5	1.102708995	0.141052113	0.452398968	0.344478394	WD repeat-containing protein 5 OS=Mus musculus GN=Wdr5 PE=1 SV=1
Q9CQJ6	Cotl1	0.925931791	-0.111022174	0.452816734	0.344077532	Coactosin-like protein OS=Mus musculus GN=Cotl1 PE=1 SV=3
Q8BYM5	Nlgn3	1.080482798	0.111676104	0.452883817	0.344013198	Neuroligin-3 OS=Mus musculus GN=Nlgn3 PE=1 SV=2
Q02257	Jup	0.940741727	-0.088129397	0.453118754	0.343787962	Junction plakoglobin OS=Mus musculus GN=Jup PE=1 SV=3
Q99M87-3	Dnaja3	0.9602183	-0.058565664	0.454037199	0.342908564	Isoform 3 of DnaJ homolog subfamily A member 3, mitochondrial OS=Mus musculus GN=Dnaja3
Q8CBW3-3	Abi1	0.966973259	-0.048452101	0.454234926	0.342719476	Isoform 3 of Abl interactor 1 OS=Mus musculus GN=Abi1
Q61037-7	Tsc2	1.067981309	0.094886398	0.454626186	0.342345553	Isoform F of Tuberin OS=Mus musculus GN=Tsc2
Q8CG76	Akr7a2	0.969489793	-0.044702386	0.455071765	0.341920109	Aflatoxin B1 aldehyde reductase member 2 OS=Mus musculus GN=Akr7a2 PE=1 SV=3
P51807	Dynlt1	0.682088908	-0.551968293	0.45648449	0.340573974	Dynein light chain Tctex-type 1 OS=Mus musculus GN=Dynlt1 PE=1 SV=1
Q9CQ89	Cuta	1.057275198	0.080350944	0.45689019	0.340188166	Protein CutA OS=Mus musculus GN=Cuta PE=2 SV=3
P54923	Adprh	1.040019677	0.056610824	0.45710336	0.339985587	[Protein ADP-ribosylarginine] hydrolase OS=Mus musculus GN=Adprh PE=2 SV=1
P22892	Ap1g1	1.04958244	0.069815488	0.457290617	0.339807709	AP-1 complex subunit gamma-1 OS=Mus musculus GN=Ap1g1 PE=1 SV=3
Q8C754	Vps52	1.090226734	0.124628203	0.457370396	0.339731949	Vacuolar protein sorting-associated protein 52 homolog OS=Mus musculus GN=Vps52 PE=2 SV=1
P12970	Rpl7a	0.977075451	-0.033458121	0.457371629	0.339730778	60S ribosomal protein L7a OS=Mus musculus GN=Rpl7a PE=2 SV=2
Q60870	Reep5	1.060697597	0.085013405	0.457404747	0.339699333	Receptor expression-enhancing protein 5 OS=Mus musculus GN=Reep5 PE=1 SV=1
O35623	Bet1	1.128098532	0.173893083	0.457415746	0.339688889	BET1 homolog OS=Mus musculus GN=Bet1 PE=1 SV=1
Q8K1B8	Fermt3	0.949346452	-0.074993418	0.45786159	0.339265788	Fermitin family homolog 3 OS=Mus musculus GN=Fermt3 PE=1 SV=1
Q8BXN9-3	Tmem87a	0.91276702	-0.13168143	0.458212482	0.338933084	Isoform 3 of Transmembrane protein 87A OS=Mus musculus GN=Tmem87a
O35071	Kif1c	0.967303902	-0.047958876	0.458273751	0.338875018	Kinesin-like protein KIF1C OS=Mus musculus GN=Kif1c PE=2 SV=2
Q8R035	Ict1	0.889813428	-0.168425224	0.458909497	0.338272955	Peptidyl-tRNA hydrolase ICT1, mitochondrial OS=Mus musculus GN=Ict1 PE=1 SV=1
Q61553	Fscn1	1.028215591	0.040142793	0.459037825	0.338151527	Fascin OS=Mus musculus GN=Fscn1 PE=1 SV=4
P62908	Rps3	0.962316739	-0.05541627	0.459663673	0.337559817	40S ribosomal protein S3 OS=Mus musculus GN=Rps3 PE=1 SV=1
Q9DBR3	Armc8	1.046435592	0.065483517	0.459778535	0.337451308	Armadillo repeat-containing protein 8 OS=Mus musculus GN=Armc8 PE=2 SV=2
Q9JKB3	Ybx3	1.142477692	0.192165995	0.459922618	0.337315232	Y-box-binding protein 3 OS=Mus musculus GN=Ybx3 PE=1 SV=2
P17742	Ppia	0.921109978	-0.118554675	0.460188217	0.337064505	Peptidyl-prolyl cis-trans isomerase A OS=Mus musculus GN=Ppia PE=1 SV=2
Q7TMY8-3	Huwe1	0.950800022	-0.072786158	0.460469776	0.336798871	Isoform 3 of E3 ubiquitin-protein ligase HUWE1 OS=Mus musculus GN=Huwe1
P39087	Grik2	0.934964541	-0.097016443	0.460741992	0.336542204	Glutamate receptor ionotropic, kainate 2 OS=Mus musculus GN=Grik2 PE=1 SV=4
O88447	Klc1	0.952899648	-0.069603806	0.460852502	0.33643805	Kinesin light chain 1 OS=Mus musculus GN=Klc1 PE=1 SV=3
P46097	Syt2	0.918407321	-0.122793953	0.461077513	0.336226058	Synaptotagmin-2 OS=Mus musculus GN=Syt2 PE=1 SV=1
Q7TQJ3	Otub1	0.970285383	-0.043518956	0.461273456	0.336041536	Ubiquitin thioesterase OTUB1 OS=Mus musculus GN=Otub1 PE=1 SV=2
Q9EQ80	Nif3l1	1.116802223	0.159373719	0.461341639	0.335977346	Putative GTP cyclohydrolase 1 type 2 Nif3l1 OS=Mus musculus GN=Nif3l1 PE=1 SV=4
Q9D7E4		1.190906014	0.25205956	0.461912708	0.335440089	UPF0449 protein C19orf25 homolog OS=Mus musculus PE=1 SV=1
Q3UVL4-3	Vps51	0.956208468	-0.064602912	0.462585346	0.334808129	Isoform 3 of Vacuolar protein sorting-associated protein 51 homolog OS=Mus musculus GN=Vps51
P97798-3	Neo1	1.069284014	0.0966451	0.462616674	0.334778718	Isoform 3 of Neogenin OS=Mus musculus GN=Neo1
P19536	Cox5b	0.952249894	-0.070587873	0.462723245	0.334678683	Cytochrome c oxidase subunit 5B, mitochondrial OS=Mus musculus GN=Cox5b PE=1 SV=1
Q99J09	Wdr77	1.071492251	0.099621417	0.462801853	0.334604911	Methylosome protein 50 OS=Mus musculus GN=Wdr77 PE=1 SV=1
Q8BL86	Mblac2	1.170862136	0.227571215	0.463061598	0.334361234	Metallo-beta-lactamase domain-containing protein 2 OS=Mus musculus GN=Mblac2 PE=2 SV=2
Q9JM96	Cdc42ep4	1.06799574	0.094905892	0.463374301	0.334068056	Cdc42 effector protein 4 OS=Mus musculus GN=Cdc42ep4 PE=1 SV=1
Q7TNR6	Igsf21	1.063610387	0.088969771	0.463771827	0.333695637	Immunoglobulin superfamily member 21 OS=Mus musculus GN=Igsf21 PE=2 SV=1
Q8BGZ1	Hpcal4	0.9586373	-0.060943019	0.463812704	0.33365736	Hippocalcin-like protein 4 OS=Mus musculus GN=Hpcal4 PE=2 SV=3
Q9ES97	Rtn3	1.025717919	0.036634032	0.463899102	0.333576469	Reticulon-3 OS=Mus musculus GN=Rtn3 PE=1 SV=2
Q9ERL7	Gmfg	0.944163592	-0.082891242	0.464005746	0.333476642	Glia maturation factor gamma OS=Mus musculus GN=Gmfg PE=1 SV=1
P48771	Cox7a2	0.953749781	-0.068317274	0.46401219	0.33347061	Cytochrome c oxidase subunit 7A2, mitochondrial OS=Mus musculus GN=Cox7a2 PE=1 SV=2
Q3UU96	Cdc42bpa	0.950525648	-0.07320254	0.464434327	0.333075689	Serine/threonine-protein kinase MRCK alpha OS=Mus musculus GN=Cdc42bpa PE=2 SV=2
Q6DIB4		0.901412209	-0.149741104	0.464736224	0.332793475	Uncharacterized protein C20orf112 homolog OS=Mus musculus PE=2 SV=1
Q8VDT9	Mrpl50	1.133275728	0.180498914	0.466291931	0.3313421	39S ribosomal protein L50, mitochondrial OS=Mus musculus GN=Mrpl50 PE=2 SV=2
Q8C7M3-2	Trim9	0.946977081	-0.078598585	0.466428926	0.331214524	Isoform 2 of E3 ubiquitin-protein ligase TRIM9 OS=Mus musculus GN=Trim9
P08414	Camk4	0.955897214	-0.065072599	0.466859128	0.330814146	Calcium/calmodulin-dependent protein kinase type IV OS=Mus musculus GN=Camk4 PE=1 SV=2
P80560	Ptprn2	1.110329059	0.150987299	0.467100104	0.330590036	Receptor-type tyrosine-protein phosphatase N2 OS=Mus musculus GN=Ptprn2 PE=1 SV=2
Q9CZD3	Gars	0.950495571	-0.073248191	0.46755628	0.330166105	Glycine--tRNA ligase OS=Mus musculus GN=Gars PE=1 SV=1
Q8JZQ2	Afg3l2	0.941254359	-0.087343453	0.467886001	0.329859948	AFG3-like protein 2 OS=Mus musculus GN=Afg3l2 PE=1 SV=1
Q9R1P1	Psmb3	1.035771014	0.05070509	0.46789389	0.329852626	Proteasome subunit beta type-3 OS=Mus musculus GN=Psmb3 PE=1 SV=1
Q8R1B5	Cplx3	0.91684856	-0.125244638	0.468163298	0.329602636	Complexin-3 OS=Mus musculus GN=Cplx3 PE=1 SV=1
O88643	Pak1	0.955386506	-0.065843595	0.468183731	0.329583682	Serine/threonine-protein kinase PAK 1 OS=Mus musculus GN=Pak1 PE=1 SV=1
Q921M4	Golga2	0.95463259	-0.066982506	0.468940046	0.328882679	Golgin subfamily A member 2 OS=Mus musculus GN=Golga2 PE=2 SV=3
P62137	Ppp1ca	1.020636104	0.029468581	0.46899794	0.328829065	Serine/threonine-protein phosphatase PP1-alpha catalytic subunit OS=Mus musculus GN=Ppp1ca PE=1 SV=1
Q9CXI5	Manf	1.062504204	0.08746855	0.469941896	0.327955836	Mesencephalic astrocyte-derived neurotrophic factor OS=Mus musculus GN=Manf PE=1 SV=1
P18760	Cfl1	0.944224127	-0.082798747	0.470204773	0.327712967	Cofilin-1 OS=Mus musculus GN=Cfl1 PE=1 SV=3
P97470	Ppp4c	1.045500248	0.064193404	0.470430492	0.327504536	Serine/threonine-protein phosphatase 4 catalytic subunit OS=Mus musculus GN=Ppp4c PE=1 SV=2
B5TVM2	Ildr2	0.813957636	-0.296974386	0.470440361	0.327495425	Immunoglobulin-like domain-containing receptor 2 OS=Mus musculus GN=Ildr2 PE=2 SV=2
P28867	Prkcd	0.930054388	-0.10461301	0.470597624	0.327350269	Protein kinase C delta type OS=Mus musculus GN=Prkcd PE=1 SV=3
Q5DQR4-3	Stxbp5l	1.021047133	0.030049465	0.470599598	0.327348448	Isoform 3 of Syntaxin-binding protein 5-like OS=Mus musculus GN=Stxbp5l
Q3UA37	Qrich1	0.953894248	-0.068098762	0.470648847	0.327303001	Glutamine-rich protein 1 OS=Mus musculus GN=Qrich1 PE=2 SV=1
Q9EQQ9-2	Mgea5	0.969198623	-0.045135739	0.470909263	0.327062767	Isoform 2 of Bifunctional protein NCOAT OS=Mus musculus GN=Mgea5
P97379-2	G3bp2	0.955609884	-0.065506319	0.471397066	0.326613125	Isoform B of Ras GTPase-activating protein-binding protein 2 OS=Mus musculus GN=G3bp2
Q99MR8	Mccc1	0.91580543	-0.126886975	0.471498419	0.326519759	Methylcrotonoyl-CoA carboxylase subunit alpha, mitochondrial OS=Mus musculus GN=Mccc1 PE=1 SV=2
P63158	Hmgb1	0.911941964	-0.13298608	0.471502377	0.326516113	High mobility group protein B1 OS=Mus musculus GN=Hmgb1 PE=1 SV=2
Q91ZU6-3	Dst	0.971278621	-0.042042889	0.471718106	0.326317454	Isoform 3 of Dystonin OS=Mus musculus GN=Dst
Q78IK2	Usmg5	1.051850616	0.072929828	0.471788151	0.326252971	Up-regulated during skeletal muscle growth protein 5 OS=Mus musculus GN=Usmg5 PE=1 SV=1
Q8C6G8	Wdr26	0.922185119	-0.116871709	0.471827121	0.326217099	WD repeat-containing protein 26 OS=Mus musculus GN=Wdr26 PE=2 SV=3
P61979-3	Hnrnpk	0.9780506	-0.032018989	0.471828311	0.326216004	Isoform 3 of Heterogeneous nuclear ribonucleoprotein K OS=Mus musculus GN=Hnrnpk
Q9EQ06	Hsd17b11	1.081994957	0.113693775	0.472151506	0.325918621	Estradiol 17-beta-dehydrogenase 11 OS=Mus musculus GN=Hsd17b11 PE=2 SV=1
Q641P0-2	Actr3b	0.962365636	-0.055342967	0.472299847	0.325782195	Isoform 2 of Actin-related protein 3B OS=Mus musculus GN=Actr3b
Q9WTM5	Ruvbl2	0.951238267	-0.072121342	0.47233106	0.325753495	RuvB-like 2 OS=Mus musculus GN=Ruvbl2 PE=2 SV=3
Q9CRY7	Gdpd1	1.032848526	0.046628689	0.472357928	0.325728791	Glycerophosphodiester phosphodiesterase domain-containing protein 1 OS=Mus musculus GN=Gdpd1 PE=2 SV=1
Q78JE5	Fbxo22	0.949960786	-0.074060134	0.472492552	0.325605033	F-box only protein 22 OS=Mus musculus GN=Fbxo22 PE=2 SV=2
P51855	Gss	0.78550834	-0.348301502	0.472691987	0.32542176	Glutathione synthetase OS=Mus musculus GN=Gss PE=2 SV=1
Q6P5F7-2	Ttyh3	1.048686454	0.068583392	0.4728245	0.325300028	Isoform 2 of Protein tweety homolog 3 OS=Mus musculus GN=Ttyh3
Q9Z0X1	Aifm1	1.026622319	0.037905531	0.472972478	0.32516413	Apoptosis-inducing factor 1, mitochondrial OS=Mus musculus GN=Aifm1 PE=1 SV=1
Q9JJW6	Alyref2	1.01982312	0.028318951	0.474282837	0.323962591	Aly/REF export factor 2 OS=Mus musculus GN=Alyref2 PE=1 SV=1
Q9WV96	Timm10b	1.08737971	0.120855813	0.474884842	0.323411693	Mitochondrial import inner membrane translocase subunit Tim10 B OS=Mus musculus GN=Timm10b PE=2 SV=1

Accession	Gene	Fold Change (KO vs. WT)	Log2 Fold Change	Students T Test	-Log10 T Test	Description
F8VPU2	Farp1	0.963660249	-0.0534035	0.475494812	0.322854218	FERM, RhoGEF and pleckstrin domain-containing protein 1 OS=Mus musculus GN=Farp1 PE=1 SV=1
P54071	Idh2	0.951938464	-0.071059778	0.475851923	0.322528171	Isocitrate dehydrogenase [NADP], mitochondrial OS=Mus musculus GN=Idh2 PE=1 SV=3
Q6PIE5	Atp1a2	0.968327155	-0.046433542	0.476233856	0.322179733	Sodium/potassium-transporting ATPase subunit alpha-2 OS=Mus musculus GN=Atp1a2 PE=1 SV=1
Q6ZQ29	Taok2	1.097686068	0.13446551	0.476489144	0.32194699	Serine/threonine-protein kinase TAO2 OS=Mus musculus GN=Taok2 PE=2 SV=3
P62962	Pfn1	0.931067209	-0.103042783	0.476872626	0.321597606	Profilin-1 OS=Mus musculus GN=Pfn1 PE=1 SV=2
P61979	Hnrnpk	0.97846369	-0.03140978	0.477210211	0.321290272	Heterogeneous nuclear ribonucleoprotein K OS=Mus musculus GN=Hnrnpk PE=1 SV=1
Q80VD1	Fam98b	0.913198473	-0.130999647	0.477382563	0.321133448	Protein FAM98B OS=Mus musculus GN=Fam98b PE=2 SV=1
P62071	Rras2	1.034719392	0.049239573	0.477414077	0.32110478	Ras-related protein R-Ras2 OS=Mus musculus GN=Rras2 PE=1 SV=1
P83940	Tceb1	1.039471276	0.055849892	0.477559259	0.32097273	Transcription elongation factor B polypeptide 1 OS=Mus musculus GN=Tceb1 PE=1 SV=1
Q9D0C4	Trmt5	0.912065471	-0.132790705	0.477920903	0.320643975	tRNA (guanine(37)-N1)-methyltransferase OS=Mus musculus GN=Trmt5 PE=2 SV=1
Q9CQ40	Mrpl49	0.850219791	-0.234092253	0.478811784	0.31983517	39S ribosomal protein L49, mitochondrial OS=Mus musculus GN=Mrpl49 PE=2 SV=1
P51830	Adcy9	1.025873096	0.036852275	0.478814263	0.319832921	Adenylate cyclase type 9 OS=Mus musculus GN=Adcy9 PE=1 SV=1
P62301	Rps13	1.05456789	0.076651974	0.478902001	0.319753349	40S ribosomal protein S13 OS=Mus musculus GN=Rps13 PE=1 SV=2
O08756	Hsd17b10	1.047596534	0.067083191	0.479303731	0.319389191	3-hydroxyacyl-CoA dehydrogenase type-2 OS=Mus musculus GN=Hsd17b10 PE=1 SV=4
O88952	Lin7c	1.060472383	0.084707051	0.479509371	0.319202901	Protein lin-7 homolog C OS=Mus musculus GN=Lin7c PE=1 SV=2
Q8R1N4	Nudcd3	0.931004484	-0.103139978	0.480067389	0.318697795	NudC domain-containing protein 3 OS=Mus musculus GN=Nudcd3 PE=2 SV=3
Q91V09	Wdr13	1.022101511	0.031538486	0.480512449	0.318295356	WD repeat-containing protein 13 OS=Mus musculus GN=Wdr13 PE=1 SV=1
Q61220	Nell2	1.07338789	0.102171517	0.480585502	0.318229335	Protein kinase C-binding protein NELL2 OS=Mus musculus GN=Nell2 PE=2 SV=3
Q8BYA0	Tbcd	0.786611767	-0.346276328	0.480749421	0.31808123	Tubulin-specific chaperone D OS=Mus musculus GN=Tbcd PE=2 SV=1
Q6P5G0	Mapk4	1.143145633	0.19300921	0.480837616	0.318001565	Mitogen-activated protein kinase 4 OS=Mus musculus GN=Mapk4 PE=1 SV=1
Q8BSK8	Rps6kb1	0.959446991	-0.059724995	0.480849571	0.317990767	Ribosomal protein S6 kinase beta-1 OS=Mus musculus GN=Rps6kb1 PE=1 SV=2
Q8BHG1	Nrd1	0.973892853	-0.038165038	0.481113991	0.317752014	Nardilysin OS=Mus musculus GN=Nrd1 PE=1 SV=1
Q8K0Z7	Taco1	1.049400391	0.069565233	0.481655466	0.317263507	Translational activator of cytochrome c oxidase 1 OS=Mus musculus GN=Taco1 PE=1 SV=1
Q9D6S7	Mrrf	1.102562621	0.140860597	0.481879135	0.317061878	Ribosome-recycling factor, mitochondrial OS=Mus musculus GN=Mrrf PE=1 SV=1
Q5SVL6-2	Rap1gap2	0.93894178	-0.09089239	0.482249145	0.316728534	Isoform 2 of Rap1 GTPase-activating protein 2 OS=Mus musculus GN=Rap1gap2
Q62261	Sptbn1	1.021013092	0.030001366	0.482820929	0.316213912	Spectrin beta chain, non-erythrocytic 1 OS=Mus musculus GN=Sptbn1 PE=1 SV=2
P43275	Hist1h1a	0.924411009	-0.113393654	0.482989721	0.316062112	Histone H1.1 OS=Mus musculus GN=Hist1h1a PE=1 SV=2
P47857	Pfkm	1.018572816	0.02654912	0.483207306	0.315866508	6-phosphofructokinase, muscle type OS=Mus musculus GN=Pfkm PE=1 SV=3
Q9ES89	Extl2	0.934398116	-0.097890729	0.48329607	0.315786736	Exostosin-like 2 OS=Mus musculus GN=Extl2 PE=1 SV=1
O08842	Gfra2	0.949011854	-0.075501987	0.483548387	0.315560061	GDNF family receptor alpha-2 OS=Mus musculus GN=Gfra2 PE=2 SV=2
Q9QXG2	Chm	0.830236318	-0.268406053	0.483809196	0.315325881	Rab proteins geranylgeranyltransferase component A 1 OS=Mus musculus GN=Chm PE=2 SV=1
Q8C166	Cpne1	1.093113466	0.128443161	0.483882785	0.315259828	Copine-1 OS=Mus musculus GN=Cpne1 PE=1 SV=1
Q8C0P5	Coro2a	1.035841836	0.050803733	0.484090676	0.315073282	Coronin-2A OS=Mus musculus GN=Coro2a PE=2 SV=1
P70302	Stim1	0.944248558	-0.082761419	0.484243865	0.314935872	Stromal interaction molecule 1 OS=Mus musculus GN=Stim1 PE=1 SV=2
Q99J99	Mpst	0.956016078	-0.064893214	0.484426182	0.314772393	3-mercaptopyruvate sulfurtransferase OS=Mus musculus GN=Mpst PE=1 SV=3
Q8CGZ0	Cherp	0.938017402	-0.092313408	0.484537403	0.314672693	Calcium homeostasis endoplasmic reticulum protein OS=Mus musculus GN=Cherp PE=1 SV=1
P84244	H3f3a	0.959947542	-0.058972526	0.4845544	0.314657458	Histone H3.3 OS=Mus musculus GN=H3f3a PE=1 SV=2
Q9CQF0	Mrpl11	1.109070448	0.149351008	0.484768087	0.314465978	39S ribosomal protein L11, mitochondrial OS=Mus musculus GN=Mrpl11 PE=2 SV=1
Q00493	Cpe	1.018327634	0.026201805	0.484901737	0.31434626	Carboxypeptidase E OS=Mus musculus GN=Cpe PE=1 SV=2
Q8CAA7	Pgm2l1	1.027954246	0.039776051	0.485193468	0.314085055	Glucose 1,6-bisphosphate synthase OS=Mus musculus GN=Pgm2l1 PE=1 SV=1
Q3UHD6	Snx27	0.954002291	-0.067935364	0.485197428	0.31408151	Sorting nexin-27 OS=Mus musculus GN=Snx27 PE=1 SV=2
Q8CJF8	Ago4	0.94528961	-0.081171697	0.485866773	0.3134828	Protein argonaute-4 OS=Mus musculus GN=Ago4 PE=2 SV=2
Q91WM1-2	Strbp	0.962097228	-0.055745397	0.485888444	0.313463429	Isoform 2 of Spermatid perinuclear RNA-binding protein OS=Mus musculus GN=Strbp
P63330	Ppp2ca	0.973506511	-0.038737467	0.485897239	0.313455569	Serine/threonine-protein phosphatase 2A catalytic subunit alpha isoform OS=Mus musculus GN=Ppp2ca PE=1 SV=1
P61027	Rab10	1.0566511	0.079499086	0.485909544	0.313444571	Ras-related protein Rab-10 OS=Mus musculus GN=Rab10 PE=1 SV=1
F6ZDS4	Tpr	1.077173735	0.107250957	0.486591759	0.31283525	Nucleoprotein TPR OS=Mus musculus GN=Tpr PE=1 SV=1
Q8K394	Plcl2	1.088116996	0.121833686	0.486612894	0.312816387	Inactive phospholipase C-like protein 2 OS=Mus musculus GN=Plcl2 PE=1 SV=2
Q9DCJ9	Npl	1.046614278	0.065729846	0.486912356	0.312549205	N-acetylneuraminate lyase OS=Mus musculus GN=Npl PE=1 SV=1
P23242	Gja1	1.07063079	0.098461048	0.487156479	0.312331518	Gap junction alpha-1 protein OS=Mus musculus GN=Gja1 PE=1 SV=2
Q6PER3	Mapre3	0.95312513	-0.069262466	0.487434848	0.312083425	Microtubule-associated protein RP/EB family member 3 OS=Mus musculus GN=Mapre3 PE=1 SV=1
P97492	Rgs14	1.046508829	0.065584483	0.487446159	0.312073347	Regulator of G-protein signaling 14 OS=Mus musculus GN=Rgs14 PE=1 SV=2
Q9CQX8	Mrps36	1.13548343	0.183306654	0.48752932	0.311999261	28S ribosomal protein S36, mitochondrial OS=Mus musculus GN=Mrps36 PE=1 SV=1
Q8VEH8	Erlec1	0.893948896	-0.161735736	0.487565361	0.311967156	Endoplasmic reticulum lectin 1 OS=Mus musculus GN=Erlec1 PE=2 SV=1
Q7TQH0-3	Atxn2l	0.944742109	-0.082007531	0.487605828	0.311931112	Isoform 3 of Ataxin-2-like protein OS=Mus musculus GN=Atxn2l
Q68FM6	Elfn2	0.945117931	-0.081433737	0.487853076	0.311710953	Protein phosphatase 1 regulatory subunit 29 OS=Mus musculus GN=Elfn2 PE=2 SV=1
Q810U3	Nfasc	0.954887964	-0.066596622	0.488084836	0.311504685	Neurofascin OS=Mus musculus GN=Nfasc PE=1 SV=1
P63073	Eif4e	1.023623803	0.033685601	0.489116303	0.310587861	Eukaryotic translation initiation factor 4E OS=Mus musculus GN=Eif4e PE=1 SV=1
Q9CQ56	Use1	1.082811538	0.114782166	0.489623879	0.31013741	Vesicle transport protein USE1 OS=Mus musculus GN=Use1 PE=2 SV=1
Q9CWH6	Psma8	1.022444242	0.03202217	0.49037045	0.309475709	Proteasome subunit alpha type-7-like OS=Mus musculus GN=Psma8 PE=2 SV=1
Q8BYR5-7	Cadps2	0.90262401	-0.14780294	0.490371481	0.309474795	Isoform 7 of Calcium-dependent secretion activator 2 OS=Mus musculus GN=Cadps2
P23819-4	Gria2	0.973930892	-0.03810869	0.490511584	0.309350731	Isoform 4 of Glutamate receptor 2 OS=Mus musculus GN=Gria2
Q9JMH9-4	Myo18a	1.073625407	0.102490718	0.49052263	0.309340952	Isoform 4 of Unconventional myosin-XVIIIa OS=Mus musculus GN=Myo18a
Q9JMH9-6	Myo18a	1.07347003	0.102281914	0.49064269	0.309234667	Isoform 6 of Unconventional myosin-XVIIIa OS=Mus musculus GN=Myo18a
Q63739	Ptp4a1	0.950213213	-0.073676827	0.490822245	0.309075762	Protein tyrosine phosphatase type IVA 1 OS=Mus musculus GN=Ptp4a1 PE=1 SV=1
Q7TQH0	Atxn2l	0.939497492	-0.090038784	0.49178961	0.308220651	Ataxin-2-like protein OS=Mus musculus GN=Atxn2l PE=1 SV=1
P68510	Ywhah	0.943263397	-0.084267409	0.491865493	0.308153645	14-3-3 protein eta OS=Mus musculus GN=Ywhah PE=1 SV=2
P04370-2	Mbp	0.899626782	-0.152601484	0.491923585	0.308102355	Isoform 2 of Myelin basic protein OS=Mus musculus GN=Mbp
Q9D6N5	Drap1	0.954821028	-0.066697755	0.491945117	0.308083346	Dr1-associated corepressor OS=Mus musculus GN=Drap1 PE=2 SV=3
P21619	Lmnb2	1.083192945	0.115290247	0.492038888	0.308000572	Lamin-B2 OS=Mus musculus GN=Lmnb2 PE=1 SV=2
P97950	Rab33a	0.940510426	-0.088484158	0.492526349	0.307570531	Ras-related protein Rab-33A OS=Mus musculus GN=Rab33a PE=2 SV=1
Q78IK4	Apool	0.949224903	-0.075178145	0.492577869	0.307525105	Apolipoprotein O-like OS=Mus musculus GN=Apool PE=2 SV=1
Q3UPL0	Sec31a	1.03361486	0.047698716	0.492951783	0.307195558	Protein transport protein Sec31A OS=Mus musculus GN=Sec31a PE=1 SV=2
Q9CZ04	Cops7a	1.105124109	0.144208398	0.49335109	0.306843908	COP9 signalosome complex subunit 7a OS=Mus musculus GN=Cops7a PE=1 SV=2
Q8R5H1-4	Usp15	1.102877954	0.141273149	0.493907423	0.306354447	Isoform 4 of Ubiquitin carboxyl-terminal hydrolase 15 OS=Mus musculus GN=Usp15
Q9WTR1	Trpv2	0.897388241	-0.156195815	0.49519337	0.305225179	Transient receptor potential cation channel subfamily V member 2 OS=Mus musculus GN=Trpv2 PE=1 SV=2
Q60668	Hnrnpd	0.944655749	-0.082139415	0.495870745	0.304631514	Heterogeneous nuclear ribonucleoprotein D0 OS=Mus musculus GN=Hnrnpd PE=1 SV=2
Q60668-4	Hnrnpd	0.944655749	-0.082139415	0.495870745	0.304631514	Isoform 4 of Heterogeneous nuclear ribonucleoprotein D0 OS=Mus musculus GN=Hnrnpd
P70362	Ufd1l	0.956993924	-0.06341833	0.49634411	0.304217128	Ubiquitin fusion degradation protein 1 homolog OS=Mus musculus GN=Ufd1l PE=1 SV=2
O54941	Smarce1	0.92730034	-0.108891411	0.496479147	0.304098988	SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily E member 1 OS=Mus musculus GN=Smarce1 PE=1 SV=1
Q9EPN1-2	Nbea	0.940123948	-0.089077117	0.496844042	0.303779914	Isoform 2 of Neurobeachin OS=Mus musculus GN=Nbea
Q9JL26	Fmnl1	0.951752913	-0.071341014	0.497128045	0.303531735	Formin-like protein 1 OS=Mus musculus GN=Fmnl1 PE=1 SV=1
Q3UVC0	Ksr2	1.176756097	0.234815328	0.497286986	0.303392906	Kinase suppressor of Ras 2 OS=Mus musculus GN=Ksr2 PE=2 SV=2
Q8R105	Vps37c	1.053010495	0.074519816	0.497291394	0.303389057	Vacuolar protein sorting-associated protein 37C OS=Mus musculus GN=Vps37c PE=2 SV=1
Q91YQ5	Rpn1	0.976914772	-0.03369539	0.497329341	0.303355918	Dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit 1 OS=Mus musculus GN=Rpn1 PE=1 SV=1
Q60676	Ppp5c	0.95038145	-0.073421418	0.497803387	0.302942153	Serine/threonine-protein phosphatase 5 OS=Mus musculus GN=Ppp5c PE=1 SV=3
Q8R555	Crtac1	0.880601396	-0.183438963	0.497908269	0.302850661	Cartilage acidic protein 1 OS=Mus musculus GN=Crtac1 PE=2 SV=1
Q9CT10	Ranbp3	0.952711296	-0.069889	0.498015832	0.302756851	Ran-binding protein 3 OS=Mus musculus GN=Ranbp3 PE=1 SV=2
O08688	Capn5	1.038266013	0.054176123	0.498034313	0.302740735	Calpain-5 OS=Mus musculus GN=Capn5 PE=2 SV=1
Q8C8T8	Tsr2	0.940277148	-0.08884204	0.49826451	0.302540045	Pre-rRNA-processing protein TSR2 homolog OS=Mus musculus GN=Tsr2 PE=2 SV=1
Q7TN29	Smap2	1.132872626	0.179985661	0.49872	0.302143215	Stromal membrane-associated protein 2 OS=Mus musculus GN=Smap2 PE=1 SV=1
O55033	Nck2	1.060045065	0.084125599	0.498830334	0.302047145	Cytoplasmic protein NCK2 OS=Mus musculus GN=Nck2 PE=1 SV=1
Q499X9	Mars2	0.910272039	-0.135630329	0.499038859	0.301865636	Methionine--tRNA ligase, mitochondrial OS=Mus musculus GN=Mars2 PE=2 SV=2
Q80ZS3	Mrps26	1.064450609	0.090109009	0.499346663	0.301597848	28S ribosomal protein S26, mitochondrial OS=Mus musculus GN=Mrps26 PE=1 SV=1
Q8BGY2	Eif5a2	0.936451518	-0.094723789	0.500091159	0.300950823	Eukaryotic translation initiation factor 5A-2 OS=Mus musculus GN=Eif5a2 PE=2 SV=3
O08759	Ube3a	1.067618806	0.094396624	0.500173705	0.300879144	Ubiquitin-protein ligase E3A OS=Mus musculus GN=Ube3a PE=1 SV=1
P84078	Arf1	0.966670516	-0.048903856	0.500320305	0.300751871	ADP-ribosylation factor 1 OS=Mus musculus GN=Arf1 PE=1 SV=2
P42859	Htt	0.913091445	-0.131168743	0.500478172	0.300614859	Huntingtin OS=Mus musculus GN=Htt PE=1 SV=2
Q9JK48	Sh3glb1	0.962997177	-0.054396525	0.500512442	0.300585122	Endophilin-B1 OS=Mus musculus GN=Sh3glb1 PE=1 SV=1
Q9QZF2	Gpc1	1.098060581	0.134957651	0.500691588	0.300429705	Glypican-1 OS=Mus musculus GN=Gpc1 PE=1 SV=1
Q8CAK1	Iba57	0.904534841	-0.144752021	0.500851015	0.300291442	Putative transferase CAF17 homolog, mitochondrial OS=Mus musculus GN=Iba57 PE=1 SV=1
Q8BP92	Rcn2	1.023094145	0.032938908	0.501089885	0.300084364	Reticulocalbin-2 OS=Mus musculus GN=Rcn2 PE=2 SV=1
P14869	Rplp0	0.957516698	-0.062630449	0.501640677	0.299607254	60S acidic ribosomal protein P0 OS=Mus musculus GN=Rplp0 PE=1 SV=3
P31938	Map2k1	1.020862591	0.029788691	0.501650192	0.299599018	Dual specificity mitogen-activated protein kinase kinase 1 OS=Mus musculus GN=Map2k1 PE=1 SV=2
P21107-2	Tpm3	1.069344576	0.096726808	0.502086329	0.299221604	Isoform 2 of Tropomyosin alpha-3 chain OS=Mus musculus GN=Tpm3
Q3UUG6	Tbc1d24	1.085775448	0.118725766	0.502339804	0.299002408	TBC1 domain family member 24 OS=Mus musculus GN=Tbc1d24 PE=2 SV=2
Q8BQZ4	Ralgapb	0.957323428	-0.062921679	0.502411124	0.298940753	Ral GTPase-activating protein subunit beta OS=Mus musculus GN=Ralgapb PE=1 SV=2
Q91VR5	Ddx1	0.97154094	-0.041653303	0.502425523	0.298928307	ATP-dependent RNA helicase DDX1 OS=Mus musculus GN=Ddx1 PE=1 SV=1
O35926	Cdk5r2	0.929081924	-0.106122279	0.502548389	0.298822115	Cyclin-dependent kinase 5 activator 2 OS=Mus musculus GN=Cdk5r2 PE=3 SV=2
P20357	Map2	0.977935647	-0.032188563	0.50404463	0.297531008	Microtubule-associated protein 2 OS=Mus musculus GN=Map2 PE=1 SV=2
Q3UPL0-2	Sec31a	1.032403403	0.046006801	0.50435949	0.297259803	Isoform 2 of Protein transport protein Sec31A OS=Mus musculus GN=Sec31a
Q61137	Astn1	1.027328371	0.038897393	0.504602418	0.297050673	Astrotactin-1 OS=Mus musculus GN=Astn1 PE=2 SV=4
P55258	Rab8a	0.944076113	-0.083024918	0.504929166	0.296769543	Ras-related protein Rab-8A OS=Mus musculus GN=Rab8a PE=1 SV=2
Q6PIC6	Atp1a3	0.965409203	-0.050787516	0.505223973	0.29651605	Sodium/potassium-transporting ATPase subunit alpha-3 OS=Mus musculus GN=Atp1a3 PE=1 SV=1
P47941	Crkl	1.036642687	0.051918707	0.506061791	0.295796452	Crk-like protein OS=Mus musculus GN=Crkl PE=1 SV=2
Q9QZB1	Rgs20	1.116181429	0.158571548	0.506251296	0.295633852	Regulator of G-protein signaling 20 OS=Mus musculus GN=Rgs20 PE=1 SV=1
P70333	Hnrnph2	0.967120564	-0.048232343	0.506497405	0.295422776	Heterogeneous nuclear ribonucleoprotein H2 OS=Mus musculus GN=Hnrnph2 PE=2 SV=1
Q8R2U0	Seh1l	0.926397775	-0.110296307	0.507233304	0.294792239	Nucleoporin SEH1 OS=Mus musculus GN=Seh1l PE=2 SV=1

Accession	Gene	Fold Change (KO vs. WT)	Log2 Fold Change	Students T Test	-Log10 T Test	Description
Q61189	Clns1a	1.093512345	0.128969508	0.508096237	0.294054021	Methylosome subunit pICln OS=Mus musculus GN=Clns1a PE=2 SV=1
O88653	Lamtor3	0.93808006	-0.092217041	0.508148768	0.294009123	Ragulator complex protein LAMTOR3 OS=Mus musculus GN=Lamtor3 PE=1 SV=1
Q9DCT2	Ndufs3	0.95459643	-0.067037154	0.508579493	0.293641155	NADH dehydrogenase [ubiquinone] iron-sulfur protein 3, mitochondrial OS=Mus musculus GN=Ndufs3 PE=1 SV=2
P08032	Spta1	0.903481918	-0.146432366	0.508628323	0.29359946	Spectrin alpha chain, erythrocytic 1 OS=Mus musculus GN=Spta1 PE=2 SV=3
Q8QZT1	Acat1	1.014519836	0.020797073	0.508791496	0.293460156	Acetyl-CoA acetyltransferase, mitochondrial OS=Mus musculus GN=Acat1 PE=1 SV=1
Q6ZPZ3	Zc3h4	1.062563862	0.087549552	0.508881824	0.293383061	Zinc finger CCCH domain-containing protein 4 OS=Mus musculus GN=Zc3h4 PE=1 SV=2
P09103	P4hb	0.940120594	-0.089082265	0.508919735	0.293350707	Protein disulfide-isomerase OS=Mus musculus GN=P4hb PE=1 SV=2
Q8CHP8	Pgp	1.081525385	0.113067527	0.508986665	0.293293596	Phosphoglycolate phosphatase OS=Mus musculus GN=Pgp PE=1 SV=1
Q3UE31		0.914767154	-0.12852353	0.509597949	0.292772329	Uncharacterized protein KIAA0930 homolog OS=Mus musculus PE=1 SV=2
P45591	Cfl2	0.95332169	-0.068964975	0.509721376	0.292667154	Cofilin-2 OS=Mus musculus GN=Cfl2 PE=1 SV=1
Q8CI94	Pygb	0.983555163	-0.023922126	0.509769289	0.292626332	Glycogen phosphorylase, brain form OS=Mus musculus GN=Pygb PE=1 SV=3
Q9CWG8-2	Ndufaf7	0.931833488	-0.101855916	0.509769367	0.292626266	Isoform 2 of NADH dehydrogenase [ubiquinone] complex I, assembly factor 7 OS=Mus musculus GN=Ndufaf7
Q61792	Lasp1	0.968276822	-0.046508535	0.509878836	0.292533014	LIM and SH3 domain protein 1 OS=Mus musculus GN=Lasp1 PE=1 SV=1
P29533	Vcam1	1.062445264	0.087388517	0.510438557	0.292056528	Vascular cell adhesion protein 1 OS=Mus musculus GN=Vcam1 PE=1 SV=1
O55131	Sept7	1.020963218	0.029930891	0.510629918	0.291893744	Septin-7 OS=Mus musculus GN=Sept7 PE=1 SV=1
Q9D2N4-6	Dtna	0.966214105	-0.049585181	0.511231289	0.291382573	Isoform 6 of Dystrobrevin alpha OS=Mus musculus GN=Dtna
Q5U3K5	Rabl6	0.933835453	-0.098759733	0.511482788	0.291168976	Rab-like protein 6 OS=Mus musculus GN=Rabl6 PE=1 SV=2
Q71M36-4	Cspg5	0.910483074	-0.135295897	0.511656951	0.291021121	Isoform 4 of Chondroitin sulfate proteoglycan 5 OS=Mus musculus GN=Cspg5
Q8VDK1	Nit1	0.940849259	-0.0879645	0.511999697	0.290730296	Nitrilase homolog 1 OS=Mus musculus GN=Nit1 PE=2 SV=2
Q9D415-3	Dlgap1	0.928245131	-0.107422252	0.512339532	0.290442133	Isoform 3 of Disks large-associated protein 1 OS=Mus musculus GN=Dlgap1
P32233	Drg1	1.060725288	0.085051068	0.512423102	0.290371299	Developmentally-regulated GTP-binding protein 1 OS=Mus musculus GN=Drg1 PE=1 SV=1
Q9CRD2	Emc2	1.065846387	0.091999527	0.512811014	0.290042656	ER membrane protein complex subunit 2 OS=Mus musculus GN=Emc2 PE=2 SV=1
A2ALU4	Shroom2	1.043120884	0.060906357	0.512813669	0.290040407	Protein Shroom2 OS=Mus musculus GN=Shroom2 PE=1 SV=1
Q1W617	Shroom4	1.043120884	0.060906357	0.512813669	0.290040407	Protein Shroom4 OS=Mus musculus GN=Shroom4 PE=1 SV=1
Q9Z2H5-3	Epb41l1	0.973103446	-0.039334915	0.512908745	0.289959896	Isoform 3 of Band 4.1-like protein 1 OS=Mus musculus GN=Epb41l1
Q3TEA8-3	Hp1bp3	1.018359364	0.026246757	0.513194653	0.289717877	Isoform 3 of Heterochromatin protein 1-binding protein 3 OS=Mus musculus GN=Hp1bp3
Q9WTL2	Rab25	0.904624552	-0.144608943	0.513785337	0.289218294	Ras-related protein Rab-25 OS=Mus musculus GN=Rab25 PE=1 SV=2
P48318	Gad1	0.966807616	-0.048699257	0.513808709	0.289198539	Glutamate decarboxylase 1 OS=Mus musculus GN=Gad1 PE=2 SV=2
P08249	Mdh2	0.967064152	-0.048316498	0.513830501	0.28918012	Malate dehydrogenase, mitochondrial OS=Mus musculus GN=Mdh2 PE=1 SV=3
O08992	Sdcbp	1.064759484	0.090527581	0.514203977	0.288864569	Syntenin-1 OS=Mus musculus GN=Sdcbp PE=1 SV=1
Q8JZN5	Acad9	0.957126646	-0.063218262	0.514248096	0.288827308	Acyl-CoA dehydrogenase family member 9, mitochondrial OS=Mus musculus GN=Acad9 PE=1 SV=2
Q80UY2	Kcmf1	1.105772292	0.145054326	0.514531521	0.288588015	E3 ubiquitin-protein ligase KCMF1 OS=Mus musculus GN=Kcmf1 PE=2 SV=1
O35098-2	Dpysl4	1.031097134	0.044180247	0.514619582	0.288513693	Isoform 2 of Dihydropyrimidinase-related protein 4 OS=Mus musculus GN=Dpysl4
P49443	Ppm1a	1.044621919	0.062980881	0.515200317	0.288023878	Protein phosphatase 1A OS=Mus musculus GN=Ppm1a PE=1 SV=1
Q6ZWM4	Lsm8	1.07019771	0.097877348	0.515858863	0.287469103	U6 snRNA-associated Sm-like protein LSm8 OS=Mus musculus GN=Lsm8 PE=3 SV=3
P53657	Pklr	0.949130492	-0.075321643	0.515866156	0.287462963	Pyruvate kinase PKLR OS=Mus musculus GN=Pklr PE=2 SV=1
Q3U898	Myeov2	1.110386627	0.151062098	0.516508688	0.286922369	Myeloma-overexpressed gene 2 protein homolog OS=Mus musculus GN=Myeov2 PE=3 SV=1
P46664	Adss	1.023286286	0.033209826	0.516854941	0.286631327	Adenylosuccinate synthetase isozyme 2 OS=Mus musculus GN=Adss PE=1 SV=2
Q62426	Cstb	0.942723474	-0.085093443	0.516855664	0.28663072	Cystatin-B OS=Mus musculus GN=Cstb PE=1 SV=1
Q9WU65	Gk2	0.958983311	-0.060422386	0.516999267	0.286510073	Glycerol kinase 2 OS=Mus musculus GN=Gk2 PE=2 SV=1
Q60960	Kpna1	0.951623778	-0.071536775	0.517010178	0.286500907	Importin subunit alpha-5 OS=Mus musculus GN=Kpna1 PE=1 SV=2
Q03137	Epha4	1.079860949	0.110845552	0.517322344	0.286238764	Ephrin type-A receptor 4 OS=Mus musculus GN=Epha4 PE=1 SV=2
Q3TWI9	Tmem63b	0.928723988	-0.106678197	0.517364256	0.286203579	Transmembrane protein 63B OS=Mus musculus GN=Tmem63b PE=1 SV=1
P26638	Sars	1.040242838	0.056920356	0.518283089	0.285432962	Serine--tRNA ligase, cytoplasmic OS=Mus musculus GN=Sars PE=2 SV=3
Q80XI3-3	Eif4g3	1.025197333	0.03590163	0.518322472	0.285399962	Isoform 3 of Eukaryotic translation initiation factor 4 gamma 3 OS=Mus musculus GN=Eif4g3
P43406	Itgav	0.912888119	-0.131490036	0.519409294	0.284490284	Integrin alpha-V OS=Mus musculus GN=Itgav PE=1 SV=2
P70697	Urod	1.048793517	0.068730673	0.519858734	0.284114655	Uroporphyrinogen decarboxylase OS=Mus musculus GN=Urod PE=1 SV=2
Q6ZWY3	Rps27l	0.952082284	-0.070841831	0.519866403	0.284108248	40S ribosomal protein S27-like OS=Mus musculus GN=Rps27l PE=2 SV=3
Q91W97	Hkdc1	1.175736489	0.233564753	0.520769223	0.28335469	Putative hexokinase HKDC1 OS=Mus musculus GN=Hkdc1 PE=2 SV=1
Q9JJ28	Flii	1.074745146	0.103994595	0.521059565	0.283112627	Protein flightless-1 homolog OS=Mus musculus GN=Flii PE=1 SV=1
Q9Z2I2	Fkbp1b	0.895623341	-0.159035968	0.521094766	0.283083289	Peptidyl-prolyl cis-trans isomerase FKBP1B OS=Mus musculus GN=Fkbp1b PE=1 SV=3
P61028	Rab8b	0.942744033	-0.085061982	0.521136062	0.283048873	Ras-related protein Rab-8B OS=Mus musculus GN=Rab8b PE=1 SV=1
Q9CWE0-2	Mtfr1l	1.054876321	0.07707386	0.521469007	0.282771498	Isoform 2 of Mitochondrial fission regulator 1-like OS=Mus musculus GN=Mtfr1l
Q9D6M3	Slc25a22	1.040703912	0.05755967	0.521871185	0.282436682	Mitochondrial glutamate carrier 1 OS=Mus musculus GN=Slc25a22 PE=1 SV=1
Q8BHC1	Rab39b	1.130320606	0.17673204	0.521885404	0.28242485	Ras-related protein Rab-39B OS=Mus musculus GN=Rab39b PE=2 SV=1
Q8CH72	Trim32	0.918116644	-0.123250639	0.522162526	0.2821943	E3 ubiquitin-protein ligase TRIM32 OS=Mus musculus GN=Trim32 PE=1 SV=2
Q922Q9	Chid1	0.959129423	-0.060202592	0.522451738	0.281953822	Chitinase domain-containing protein 1 OS=Mus musculus GN=Chid1 PE=2 SV=1
Q8VCX5-3	Micu1	1.077652689	0.107892294	0.522638303	0.281798765	Isoform 3 of Calcium uptake protein 1, mitochondrial OS=Mus musculus GN=Micu1
O70166	Stmn3	1.023919393	0.034102146	0.523172563	0.28135504	Stathmin-3 OS=Mus musculus GN=Stmn3 PE=1 SV=1
Q61301-3	Ctnna2	1.024689736	0.035187145	0.523484184	0.281096435	Isoform 3 of Catenin alpha-2 OS=Mus musculus GN=Ctnna2
Q6NZM9	Hdac4	1.081237817	0.112683877	0.523684329	0.280930422	Histone deacetylase 4 OS=Mus musculus GN=Hdac4 PE=1 SV=1
P08228	Sod1	1.036959489	0.052359534	0.523714997	0.280904989	Superoxide dismutase [Cu-Zn] OS=Mus musculus GN=Sod1 PE=1 SV=2
Q6PE01	Snrnp40	1.064519076	0.090201803	0.524626444	0.280149822	U5 small nuclear ribonucleoprotein 40 kDa protein OS=Mus musculus GN=Snrnp40 PE=2 SV=1
Q5DU25	Iqsec2	0.943833661	-0.08339547	0.524765078	0.280035074	IQ motif and SEC7 domain-containing protein 2 OS=Mus musculus GN=Iqsec2 PE=1 SV=3
Q9D1K2	Atp6v1f	0.93507639	-0.096843866	0.52479824	0.28000763	V-type proton ATPase subunit F OS=Mus musculus GN=Atp6v1f PE=1 SV=2
Q9WVA2	Timm8a1	0.928738182	-0.106656147	0.525406066	0.279504918	Mitochondrial import inner membrane translocase subunit Tim8 A OS=Mus musculus GN=Timm8a1 PE=1 SV=1
O35643	Ap1b1	0.978724688	-0.031025004	0.52566721	0.279289112	AP-1 complex subunit beta-1 OS=Mus musculus GN=Ap1b1 PE=2 SV=2
O70591	Pfdn2	1.020313817	0.029012949	0.526179706	0.278865906	Prefoldin subunit 2 OS=Mus musculus GN=Pfdn2 PE=2 SV=2
Q8C878	Uba3	1.043861881	0.061930834	0.526767315	0.27838118	NEDD8-activating enzyme E1 catalytic subunit OS=Mus musculus GN=Uba3 PE=1 SV=2
Q99LR1	Abhd12	0.968444144	-0.046259253	0.527015022	0.278177005	Monoacylglycerol lipase ABHD12 OS=Mus musculus GN=Abhd12 PE=1 SV=2
Q06138	Cab39	0.877710581	-0.188182795	0.527101378	0.278105848	Calcium-binding protein 39 OS=Mus musculus GN=Cab39 PE=1 SV=2
P62075	Timm13	0.967666294	-0.047418484	0.527781884	0.277545521	Mitochondrial import inner membrane translocase subunit Tim13 OS=Mus musculus GN=Timm13 PE=1 SV=1
P43024	Cox6a1	1.078297455	0.10875521	0.528033598	0.277338443	Cytochrome c oxidase subunit 6A1, mitochondrial OS=Mus musculus GN=Cox6a1 PE=1 SV=2
P56959	Fus	0.950265173	-0.073597939	0.528191709	0.27720842	RNA-binding protein FUS OS=Mus musculus GN=Fus PE=2 SV=1
Q569Z6	Thrap3	0.955179119	-0.066156797	0.529191393	0.276387228	Thyroid hormone receptor-associated protein 3 OS=Mus musculus GN=Thrap3 PE=1 SV=1
Q920Q4	Vps16	1.043685902	0.061687597	0.529210417	0.276371616	Vacuolar protein sorting-associated protein 16 homolog OS=Mus musculus GN=Vps16 PE=1 SV=3
Q91ZU6-4	Dst	0.972945333	-0.039569349	0.529836107	0.275858449	Isoform 4 of Dystonin OS=Mus musculus GN=Dst
P34152-9	Ptk2	0.94595216	-0.080160872	0.529907121	0.275800244	Isoform 9 of Focal adhesion kinase 1 OS=Mus musculus GN=Ptk2
Q63810	Ppp3r1	0.945005036	-0.081606078	0.529929161	0.275782182	Calcineurin subunit B type 1 OS=Mus musculus GN=Ppp3r1 PE=1 SV=3
Q8BG39	Sv2b	0.922383683	-0.116561103	0.530002586	0.275722011	Synaptic vesicle glycoprotein 2B OS=Mus musculus GN=Sv2b PE=1 SV=1
Q7TQD2	Tppp	1.04092727	0.05786927	0.530003122	0.275721572	Tubulin polymerization-promoting protein OS=Mus musculus GN=Tppp PE=1 SV=1
Q9WV69	Dmtn	1.020549084	0.029345571	0.530777623	0.275087395	Dematin OS=Mus musculus GN=Dmtn PE=1 SV=1
Q9WV69-4	Dmtn	1.020549084	0.029345571	0.530777623	0.275087395	Isoform 4 of Dematin OS=Mus musculus GN=Dmtn
Q61425	Hadh	1.025817393	0.036773938	0.530783997	0.27508218	Hydroxyacyl-coenzyme A dehydrogenase, mitochondrial OS=Mus musculus GN=Hadh PE=1 SV=2
Q60803	Traf3	0.914667952	-0.128679991	0.531688437	0.274342784	TNF receptor-associated factor 3 OS=Mus musculus GN=Traf3 PE=1 SV=2
Q9CXW3	Cacybp	1.046651441	0.065781072	0.531726264	0.274311888	Calcyclin-binding protein OS=Mus musculus GN=Cacybp PE=1 SV=1
Q91XV3	Basp1	1.092422902	0.127531465	0.531748709	0.274293555	Brain acid soluble protein 1 OS=Mus musculus GN=Basp1 PE=1 SV=3
Q9DCV4	Rmdn1	1.038963589	0.055145095	0.531945376	0.274132962	Regulator of microtubule dynamics protein 1 OS=Mus musculus GN=Rmdn1 PE=1 SV=2
Q02956	Prkcz	1.090966588	0.125606919	0.532026049	0.274067103	Protein kinase C zeta type OS=Mus musculus GN=Prkcz PE=1 SV=2
Q8R3S6	Exoc1	0.932504464	-0.100817463	0.533126864	0.273169433	Exocyst complex component 1 OS=Mus musculus GN=Exoc1 PE=1 SV=4
Q9CYT6	Cap2	0.969076755	-0.045317157	0.533617595	0.272769859	Adenylyl cyclase-associated protein 2 OS=Mus musculus GN=Cap2 PE=1 SV=1
F6W8I0	Yjefn3	1.058307922	0.081759451	0.533687209	0.272713206	YjeF N-terminal domain-containing protein 3 OS=Mus musculus GN=Yjefn3 PE=2 SV=2
P21661	Pcsk2	0.895026189	-0.159998199	0.534074782	0.272397928	Neuroendocrine convertase 2 OS=Mus musculus GN=Pcsk2 PE=1 SV=1
Q9D6Z1	Nop56	1.085348735	0.118158671	0.53444887	0.272093837	Nucleolar protein 56 OS=Mus musculus GN=Nop56 PE=1 SV=2
P62862	Fau	0.9509432	-0.072568924	0.534817	0.271794796	40S ribosomal protein S30 OS=Mus musculus GN=Fau PE=1 SV=1
Q6PDI5	Ecm29	1.071847267	0.100099344	0.53491258	0.271717188	Proteasome-associated protein ECM29 homolog OS=Mus musculus GN=Ecm29 PE=1 SV=3
Q58A65-5	Spag9	1.096575601	0.133005279	0.535088423	0.271574445	Isoform 5 of C-Jun-amino-terminal kinase-interacting protein 4 OS=Mus musculus GN=Spag9
P24288	Bcat1	0.940449208	-0.088578066	0.535247464	0.271445382	Branched-chain-amino-acid aminotransferase, cytosolic OS=Mus musculus GN=Bcat1 PE=2 SV=2
P61205	Arf3	0.969348535	-0.044912606	0.535342811	0.271368025	ADP-ribosylation factor 3 OS=Mus musculus GN=Arf3 PE=2 SV=2
Q8R317-2	Ubqln1	1.043668997	0.06166423	0.535537723	0.271209933	Isoform 2 of Ubiquilin-1 OS=Mus musculus GN=Ubqln1
Q8K221	Arfip2	1.04759124	0.067075901	0.536034237	0.270807471	Arfaptin-2 OS=Mus musculus GN=Arfip2 PE=2 SV=2
O08848	Trove2	0.963343735	-0.053877431	0.536049336	0.270795238	60 kDa SS-A/Ro ribonucleoprotein OS=Mus musculus GN=Trove2 PE=1 SV=1
P41242-3	Matk	0.934667305	-0.097475166	0.536938562	0.270075404	Isoform 3 of Megakaryocyte-associated tyrosine-protein kinase OS=Mus musculus GN=Matk
Q8CAQ8-4	Immt	0.919871166	-0.120496278	0.536959626	0.270058367	Isoform 4 of Mitochondrial inner membrane protein OS=Mus musculus GN=Immt
P70699	Gaa	1.068137273	0.095097069	0.537616537	0.269527381	Lysosomal alpha-glucosidase OS=Mus musculus GN=Gaa PE=1 SV=2
Q63829	Commd3	1.113065934	0.154539056	0.537684675	0.269472342	COMM domain-containing protein 3 OS=Mus musculus GN=Commd3 PE=2 SV=1
P62843	Rps15	1.088123092	0.121841768	0.53785311	0.269336316	40S ribosomal protein S15 OS=Mus musculus GN=Rps15 PE=2 SV=2
Q3U186	Rars2	1.159636346	0.213672457	0.538000624	0.269217221	Probable arginine--tRNA ligase, mitochondrial OS=Mus musculus GN=Rars2 PE=1 SV=1
Q5SVR0	Tbc1d9b	1.162542716	0.217283727	0.538155058	0.269092574	TBC1 domain family member 9B OS=Mus musculus GN=Tbc1d9b PE=2 SV=1
Q8BM75	Arid5b	1.183014213	0.242467407	0.538204385	0.269052768	AT-rich interactive domain-containing protein 5B OS=Mus musculus GN=Arid5b PE=1 SV=3
Q7TPM1	Prrc2b	1.120837549	0.164577193	0.538348429	0.26893655	Protein PRRC2B OS=Mus musculus GN=Prrc2b PE=1 SV=1
Q9CZG9	Pdzd11	1.193334116	0.254998033	0.538922825	0.268473422	PDZ domain-containing protein 11 OS=Mus musculus GN=Pdzd11 PE=1 SV=1
Q8BXZ1	Tmx3	0.929940584	-0.104789553	0.539089585	0.268339059	Protein disulfide-isomerase TMX3 OS=Mus musculus GN=Tmx3 PE=1 SV=2
P63242	Eif5a	0.946074754	-0.079973912	0.539292252	0.268175819	Eukaryotic translation initiation factor 5A-1 OS=Mus musculus GN=Eif5a PE=1 SV=2
Q3TBW2	Mrpl10	0.933089718	-0.09991229	0.539407253	0.268083218	39S ribosomal protein L10, mitochondrial OS=Mus musculus GN=Mrpl10 PE=2 SV=2
P56564	Slc1a3	1.068975902	0.09622933	0.539474447	0.268029121	Excitatory amino acid transporter 1 OS=Mus musculus GN=Slc1a3 PE=1 SV=2
Q91V36	Nrbp2	1.070409036	0.098162199	0.539595133	0.267931976	Nuclear receptor-binding protein 2 OS=Mus musculus GN=Nrbp2 PE=1 SV=2

Accession	Gene	Fold Change (KO vs. WT)	Log2 Fold Change	Students T Test	-Log10 T Test	Description
Q9WVL0	Gstz1	0.928796581	-0.106565433	0.539707037	0.267841919	Maleylacetoacetate isomerase OS=Mus musculus GN=Gstz1 PE=1 SV=1
P11499	Hsp90ab1	0.958139181	-0.061692856	0.539910406	0.267678302	Heat shock protein HSP 90-beta OS=Mus musculus GN=Hsp90ab1 PE=1 SV=3
Q9JMK2	Csnk1e	1.057967481	0.081295284	0.54002378	0.267587116	Casein kinase I isoform epsilon OS=Mus musculus GN=Csnk1e PE=1 SV=2
Q8BJ42	Dlgap2	0.962353962	-0.055360468	0.540191815	0.267452001	Disks large-associated protein 2 OS=Mus musculus GN=Dlgap2 PE=1 SV=2
Q6GSS7	Hist2h2aa1	0.962701493	-0.054839567	0.540413471	0.267273833	Histone H2A type 2-A OS=Mus musculus GN=Hist2h2aa1 PE=1 SV=3
P16332	Mut	0.965589564	-0.050518011	0.540585367	0.267135714	Methylmalonyl-CoA mutase, mitochondrial OS=Mus musculus GN=Mut PE=1 SV=2
Q8JZP2	Syn3	0.962938994	-0.054483695	0.54061894	0.267108743	Synapsin-3 OS=Mus musculus GN=Syn3 PE=1 SV=2
P97390	Vps45	0.974801716	-0.036819305	0.540700423	0.26704329	Vacuolar protein sorting-associated protein 45 OS=Mus musculus GN=Vps45 PE=1 SV=1
Q66JS6	Eif3j2	1.032275381	0.045827892	0.540733252	0.267016923	Eukaryotic translation initiation factor 3 subunit J-B OS=Mus musculus GN=Eif3j2 PE=1 SV=1
Q8C167	Prepl	0.962061872	-0.055798416	0.540933349	0.266856243	Prolyl endopeptidase-like OS=Mus musculus GN=Prepl PE=2 SV=1
Q62261-2	Sptbn1	1.017964642	0.025687452	0.542151182	0.265879591	Isoform 2 of Spectrin beta chain, non-erythrocytic 1 OS=Mus musculus GN=Sptbn1
Q8BFU3-4	Rnf214	1.046101398	0.065022698	0.542372407	0.265702413	Isoform 4 of RING finger protein 214 OS=Mus musculus GN=Rnf214
Q99PU5	Acsbg1	0.976897162	-0.033721397	0.542863391	0.265309445	Long-chain-fatty-acid--CoA ligase ACSBG1 OS=Mus musculus GN=Acsbg1 PE=1 SV=1
Q99PL5	Rrbp1	1.098367914	0.135361387	0.542939511	0.265248552	Ribosome-binding protein 1 OS=Mus musculus GN=Rrbp1 PE=1 SV=2
Q9CZR8	Tsfm	0.966183127	-0.049631437	0.543003426	0.26519743	Elongation factor Ts, mitochondrial OS=Mus musculus GN=Tsfm PE=1 SV=1
O08599-2	Stxbp1	0.977695918	-0.032542266	0.543161769	0.265070806	Isoform 2 of Syntaxin-binding protein 1 OS=Mus musculus GN=Stxbp1
Q8R1T1	Chmp7	0.939256197	-0.090409365	0.543929259	0.264457579	Charged multivesicular body protein 7 OS=Mus musculus GN=Chmp7 PE=1 SV=1
O55126	Gbas	1.048373498	0.06815279	0.544102685	0.264319131	Protein NipSnap homolog 2 OS=Mus musculus GN=Gbas PE=2 SV=1
Q9QWI6-2	Srcin1	1.039487333	0.055872178	0.54429071	0.264169078	Isoform 2 of SRC kinase signaling inhibitor 1 OS=Mus musculus GN=Srcin1
P16858	Gapdh	1.032703628	0.04642628	0.544630638	0.263897931	Glyceraldehyde-3-phosphate dehydrogenase OS=Mus musculus GN=Gapdh PE=1 SV=2
Q3UMY5-3	Eml4	0.93960104	-0.089879785	0.544800661	0.263762374	Isoform 3 of Echinoderm microtubule-associated protein-like 4 OS=Mus musculus GN=Eml4
P27601	Gna13	1.066403553	0.092753492	0.544812185	0.263753188	Guanine nucleotide-binding protein subunit alpha-13 OS=Mus musculus GN=Gna13 PE=1 SV=1
P46096	Syt1	0.960870398	-0.057586241	0.545457915	0.263238752	Synaptotagmin-1 OS=Mus musculus GN=Syt1 PE=1 SV=1
Q9D8B3	Chmp4b	0.963379085	-0.053824492	0.545555076	0.263161399	Charged multivesicular body protein 4b OS=Mus musculus GN=Chmp4b PE=1 SV=2
Q08460-3	Kcnma1	0.959881314	-0.059072063	0.545734036	0.26301896	Isoform 3 of Calcium-activated potassium channel subunit alpha-1 OS=Mus musculus GN=Kcnma1
Q9D1D4	Tmed10	1.018122989	0.025911849	0.54590963	0.262879244	Transmembrane emp24 domain-containing protein 10 OS=Mus musculus GN=Tmed10 PE=2 SV=1
Q8K0T0	Rtn1	1.050443822	0.070999008	0.545974101	0.262827958	Reticulon-1 OS=Mus musculus GN=Rtn1 PE=1 SV=1
Q9R0I7	Ylpm1	1.105986521	0.145333803	0.54630296	0.262566447	YLP motif-containing protein 1 OS=Mus musculus GN=Ylpm1 PE=2 SV=2
Q99LC5	Etfa	1.018106624	0.025888659	0.546386845	0.262499766	Electron transfer flavoprotein subunit alpha, mitochondrial OS=Mus musculus GN=Etfa PE=1 SV=2
Q6R891	Ppp1r9b	1.040628253	0.057454782	0.546487275	0.262419946	Neurabin-2 OS=Mus musculus GN=Ppp1r9b PE=1 SV=1
Q05816	Fabp5	0.92975056	-0.105084383	0.546590736	0.262337733	Fatty acid-binding protein, epidermal OS=Mus musculus GN=Fabp5 PE=1 SV=3
Q3UHJ0	Aak1	1.028624392	0.04071627	0.54681625	0.262158588	AP2-associated protein kinase 1 OS=Mus musculus GN=Aak1 PE=1 SV=2
P61021	Rab5b	1.028551593	0.040614162	0.547162911	0.261883349	Ras-related protein Rab-5B OS=Mus musculus GN=Rab5b PE=1 SV=1
Q61644	Pacsin1	0.973940341	-0.038094692	0.547576202	0.261555435	Protein kinase C and casein kinase substrate in neurons protein 1 OS=Mus musculus GN=Pacsin1 PE=1 SV=1
Q9CZ42-2	Carkd	1.032771687	0.046521355	0.547715686	0.261444821	Isoform 2 of ATP-dependent (S)-NAD(P)H-hydrate dehydratase OS=Mus musculus GN=Carkd
Q80X85	Mrps7	0.719842657	-0.474246497	0.547876756	0.261317124	28S ribosomal protein S7, mitochondrial OS=Mus musculus GN=Mrps7 PE=2 SV=1
O88485-2	Dync1i1	1.065782432	0.091912958	0.548010289	0.261211288	Isoform 1B of Cytoplasmic dynein 1 intermediate chain 1 OS=Mus musculus GN=Dync1i1
Q9QZ06	Tollip	1.042451889	0.059980802	0.548067318	0.261166095	Toll-interacting protein OS=Mus musculus GN=Tollip PE=1 SV=1
Q62205	Scn9a	0.95043339	-0.073342574	0.548396079	0.260905659	Sodium channel protein type 9 subunit alpha OS=Mus musculus GN=Scn9a PE=1 SV=2
Q9WV55	Vapa	0.959921818	-0.059011186	0.549079881	0.260364469	Vesicle-associated membrane protein-associated protein A OS=Mus musculus GN=Vapa PE=1 SV=2
Q8VE85	Slmo1	1.059991253	0.084052359	0.549845427	0.259759382	Protein slowmo homolog 1 OS=Mus musculus GN=Slmo1 PE=2 SV=1
Q80U04	Pja2	1.145935739	0.196526144	0.549895566	0.259719782	E3 ubiquitin-protein ligase Praja-2 OS=Mus musculus GN=Pja2 PE=1 SV=2
P53395	Dbt	0.94184698	-0.086435407	0.550284493	0.259412725	Lipoamide acyltransferase component of branched-chain alpha-keto acid dehydrogenase complex, mitochondrial OS=Mus musculus GN=Dbt PE=1 SV=2
Q9D6J6-2	Ndufv2	1.059679272	0.083627677	0.550562524	0.259193354	Isoform 2 of NADH dehydrogenase [ubiquinone] flavoprotein 2, mitochondrial OS=Mus musculus GN=Ndufv2
P97783	Mllt11	1.07600895	0.105690078	0.550636055	0.259135355	Protein AF1q OS=Mus musculus GN=Mllt11 PE=2 SV=1
P62311	Lsm3	0.862715347	-0.213043475	0.550739165	0.259054039	U6 snRNA-associated Sm-like protein LSm3 OS=Mus musculus GN=Lsm3 PE=3 SV=2
Q9QWI6	Srcin1	1.037084322	0.0525332	0.551054985	0.258805064	SRC kinase signaling inhibitor 1 OS=Mus musculus GN=Srcin1 PE=1 SV=2
Q9CQN3	Tomm6	1.031099455	0.044183494	0.551483516	0.258467464	Mitochondrial import receptor subunit TOM6 homolog OS=Mus musculus GN=Tomm6 PE=3 SV=1
Q9CQA3	Sdhb	0.976949521	-0.033644074	0.552060256	0.258013517	Succinate dehydrogenase [ubiquinone] iron-sulfur subunit, mitochondrial OS=Mus musculus GN=Sdhb PE=1 SV=1
Q9D8Z2	Triap1	1.049731835	0.070020824	0.552253675	0.257861385	TP53-regulated inhibitor of apoptosis 1 OS=Mus musculus GN=Triap1 PE=2 SV=1
B1AS29	Grik3	1.083160729	0.115247339	0.552449237	0.257707622	Glutamate receptor ionotropic, kainate 3 OS=Mus musculus GN=Grik3 PE=2 SV=1
Q9CS42	Prps2	0.936764998	-0.094240924	0.552575624	0.257608277	Ribose-phosphate pyrophosphokinase 2 OS=Mus musculus GN=Prps2 PE=1 SV=4
Q921G7	Etfdh	0.973739824	-0.038391748	0.552779072	0.257448408	Electron transfer flavoprotein-ubiquinone oxidoreductase, mitochondrial OS=Mus musculus GN=Etfdh PE=1 SV=1
Q9JKY5	Hip1r	1.076049132	0.105743952	0.552934188	0.257326557	Huntingtin-interacting protein 1-related protein OS=Mus musculus GN=Hip1r PE=1 SV=2
Q9JKC6	Cend1	0.892722271	-0.163716677	0.553154776	0.257153334	Cell cycle exit and neuronal differentiation protein 1 OS=Mus musculus GN=Cend1 PE=1 SV=1
Q91X78	Erlin1	1.025996315	0.03702555	0.553315668	0.257027032	Erlin-1 OS=Mus musculus GN=Erlin1 PE=1 SV=1
P08752	Gnai2	1.030805654	0.043772356	0.553466398	0.256908741	Guanine nucleotide-binding protein G(i) subunit alpha-2 OS=Mus musculus GN=Gnai2 PE=1 SV=5
Q9Z0R4	Itsn1	0.988835644	-0.016197346	0.553501416	0.256881263	Intersectin-1 OS=Mus musculus GN=Itsn1 PE=1 SV=2
Q8BLE7	Slc17a6	1.089794047	0.124055515	0.553850126	0.256607742	Vesicular glutamate transporter 2 OS=Mus musculus GN=Slc17a6 PE=1 SV=1
Q6PH08-3	Erc2	1.021258188	0.030347645	0.55385501	0.256603911	Isoform 3 of ERC protein 2 OS=Mus musculus GN=Erc2
P70704	Atp8a1	1.024492132	0.034908905	0.554369875	0.256200377	Probable phospholipid-transporting ATPase IA OS=Mus musculus GN=Atp8a1 PE=1 SV=1
O08599	Stxbp1	0.97803639	-0.032039951	0.554442122	0.256143783	Syntaxin-binding protein 1 OS=Mus musculus GN=Stxbp1 PE=1 SV=2
Q61301	Ctnna2	1.024397134	0.034775122	0.555397971	0.255395711	Catenin alpha-2 OS=Mus musculus GN=Ctnna2 PE=1 SV=3
Q920I9	Wdr7	0.924222888	-0.113687278	0.555535371	0.255288285	WD repeat-containing protein 7 OS=Mus musculus GN=Wdr7 PE=1 SV=3
Q9D8B4	Ndufa11	1.150322702	0.20203864	0.555667942	0.255184658	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 11 OS=Mus musculus GN=Ndufa11 PE=2 SV=2
P61759	Vbp1	1.033542824	0.047598167	0.555881887	0.255017477	Prefoldin subunit 3 OS=Mus musculus GN=Vbp1 PE=2 SV=2
P19783	Cox4i1	0.976258245	-0.034665267	0.556404303	0.25460952	Cytochrome c oxidase subunit 4 isoform 1, mitochondrial OS=Mus musculus GN=Cox4i1 PE=1 SV=2
Q8VCN9	Tbcc	0.907143726	-0.140596948	0.556818204	0.254286574	Tubulin-specific chaperone C OS=Mus musculus GN=Tbcc PE=2 SV=1
P46467	Vps4b	1.067576663	0.094339675	0.556924195	0.254203914	Vacuolar protein sorting-associated protein 4B OS=Mus musculus GN=Vps4b PE=1 SV=2
P0C0A3	Chmp6	1.047826807	0.067400277	0.557020506	0.254128817	Charged multivesicular body protein 6 OS=Mus musculus GN=Chmp6 PE=2 SV=2
O08989	Mras	0.970510286	-0.043184591	0.557058231	0.254099404	Ras-related protein M-Ras OS=Mus musculus GN=Mras PE=1 SV=1
P62317	Snrpd2	0.940085027	-0.089136846	0.557087963	0.254076225	Small nuclear ribonucleoprotein Sm D2 OS=Mus musculus GN=Snrpd2 PE=2 SV=1
P35979	Rpl12	1.028092679	0.039970325	0.557177808	0.25400619	60S ribosomal protein L12 OS=Mus musculus GN=Rpl12 PE=1 SV=2
P06797	Ctsl	1.120238329	0.163805697	0.557304179	0.2539077	Cathepsin L1 OS=Mus musculus GN=Ctsl PE=1 SV=2
Q9DCS9	Ndufb10	0.9766759	-0.034048197	0.557355275	0.253867884	NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 10 OS=Mus musculus GN=Ndufb10 PE=1 SV=3
Q9DB27	Mcts1	0.953879245	-0.068121454	0.557482426	0.253768819	Malignant T-cell-amplified sequence 1 OS=Mus musculus GN=Mcts1 PE=2 SV=1
B9EJA2-3	Cttnbp2	1.027426489	0.039035175	0.558453323	0.25301312	Isoform 3 of Cortactin-binding protein 2 OS=Mus musculus GN=Cttnbp2
Q80XN0	Bdh1	0.97639893	-0.034457381	0.558490277	0.252984383	D-beta-hydroxybutyrate dehydrogenase, mitochondrial OS=Mus musculus GN=Bdh1 PE=1 SV=2
Q68ED7	Crtc1	1.077409362	0.107566507	0.5587499	0.252782542	CREB-regulated transcription coactivator 1 OS=Mus musculus GN=Crtc1 PE=2 SV=1
Q08943	Ssrp1	1.082327072	0.114136538	0.558877603	0.252683295	FACT complex subunit SSRP1 OS=Mus musculus GN=Ssrp1 PE=1 SV=2
Q7TMY8	Huwe1	0.961083453	-0.057266386	0.558906666	0.252660711	E3 ubiquitin-protein ligase HUWE1 OS=Mus musculus GN=Huwe1 PE=1 SV=5
Q5SWP3	Nacad	1.046345118	0.065358778	0.559072228	0.252532081	NAC-alpha domain-containing protein 1 OS=Mus musculus GN=Nacad PE=2 SV=1
Q8C080	Snx16	1.053763319	0.075550866	0.559462675	0.252228883	Sorting nexin-16 OS=Mus musculus GN=Snx16 PE=1 SV=2
P97471	Smad4	1.073509286	0.102334671	0.55962309	0.252104375	Mothers against decapentaplegic homolog 4 OS=Mus musculus GN=Smad4 PE=1 SV=2
Q62093	Srsf2	0.917275969	-0.124572251	0.559651495	0.252082331	Serine/arginine-rich splicing factor 2 OS=Mus musculus GN=Srsf2 PE=1 SV=4
Q68FH0	Pkp4	0.886190531	-0.174311184	0.55977056	0.251989946	Plakophilin-4 OS=Mus musculus GN=Pkp4 PE=1 SV=1
Q8CDN6	Txnl1	0.968838418	-0.04567202	0.560434352	0.251475253	Thioredoxin-like protein 1 OS=Mus musculus GN=Txnl1 PE=2 SV=3
O09167	Rpl21	1.024687587	0.035184119	0.560583808	0.25135945	60S ribosomal protein L21 OS=Mus musculus GN=Rpl21 PE=2 SV=3
Q91VC3	Eif4a3	1.036768392	0.052093641	0.560587403	0.251356666	Eukaryotic initiation factor 4A-III OS=Mus musculus GN=Eif4a3 PE=2 SV=3
Q501J6	Ddx17	1.025956152	0.036969073	0.560736792	0.251240948	Probable ATP-dependent RNA helicase DDX17 OS=Mus musculus GN=Ddx17 PE=2 SV=1
Q9CR61	Ndufb7	0.970493461	-0.043209602	0.560755542	0.251226425	NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 7 OS=Mus musculus GN=Ndufb7 PE=1 SV=3
Q8K1E0	Stx5	1.087492928	0.121006019	0.560847332	0.251155342	Syntaxin-5 OS=Mus musculus GN=Stx5 PE=1 SV=3
Q8QZY1	Eif3l	0.966858611	-0.048623163	0.561073254	0.250980433	Eukaryotic translation initiation factor 3 subunit L OS=Mus musculus GN=Eif3l PE=1 SV=1
Q99PW4	Tp53rk	1.161027771	0.215402481	0.561400076	0.250727533	TP53-regulating kinase OS=Mus musculus GN=Tp53rk PE=2 SV=1
Q9JLZ3-3	Auh	1.079467842	0.110320265	0.5617893	0.250426537	Isoform 3 of Methylglutaconyl-CoA hydratase, mitochondrial OS=Mus musculus GN=Auh
Q8C1A5	Thop1	1.037226503	0.052730975	0.562419861	0.249939351	Thimet oligopeptidase OS=Mus musculus GN=Thop1 PE=1 SV=1
P62823	Rab3c	1.030291508	0.043052588	0.562488182	0.249886597	Ras-related protein Rab-3C OS=Mus musculus GN=Rab3c PE=1 SV=1
Q61831	Mapk10	1.036937867	0.052329451	0.562524151	0.249858827	Mitogen-activated protein kinase 10 OS=Mus musculus GN=Mapk10 PE=1 SV=2
Q9EPL8	Ipo7	1.101814859	0.139881824	0.562838648	0.249616089	Importin-7 OS=Mus musculus GN=Ipo7 PE=1 SV=2
O88746	Tom1	1.073842944	0.102783006	0.562857341	0.249601665	Target of Myb protein 1 OS=Mus musculus GN=Tom1 PE=1 SV=1
Q3TYD6	Lmtk2	1.095893577	0.132107704	0.563064749	0.249441661	Serine/threonine-protein kinase LMTK2 OS=Mus musculus GN=Lmtk2 PE=1 SV=3
O88998	Olfm1	0.949438758	-0.074853151	0.563283806	0.249272734	Noelin OS=Mus musculus GN=Olfm1 PE=1 SV=1
Q6PCP5-3	Mff	1.063338803	0.088601344	0.563526265	0.249085837	Isoform 3 of Mitochondrial fission factor OS=Mus musculus GN=Mff
Q9Z1L5	Cacna2d3	0.967622134	-0.047484324	0.56356322	0.249057358	Voltage-dependent calcium channel subunit alpha-2/delta-3 OS=Mus musculus GN=Cacna2d3 PE=1 SV=1
O89086	Rbm3	1.085054701	0.117767775	0.564116946	0.248630854	Putative RNA-binding protein 3 OS=Mus musculus GN=Rbm3 PE=2 SV=1
Q9D1N9	Mrpl21	1.031361236	0.044549727	0.56426086	0.248520074	39S ribosomal protein L21, mitochondrial OS=Mus musculus GN=Mrpl21 PE=2 SV=1
P63005-2	Pafah1b1	1.06670664	0.093163468	0.564274034	0.248509934	Isoform 2 of Platelet-activating factor acetylhydrolase IB subunit alpha OS=Mus musculus GN=Pafah1b1
P62715	Ppp2cb	0.960762103	-0.05774885	0.564287906	0.248499258	Serine/threonine-protein phosphatase 2A catalytic subunit beta isoform OS=Mus musculus GN=Ppp2cb PE=1 SV=1
Q62277	Syp	0.975351699	-0.036005565	0.564381179	0.248427477	Synaptophysin OS=Mus musculus GN=Syp PE=1 SV=2
O09111	Ndufb11	0.9335717	-0.099167267	0.564552568	0.248295613	NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 11, mitochondrial OS=Mus musculus GN=Ndufb11 PE=1 SV=2
Q9CQR4	Acot13	0.949388935	-0.074928859	0.564607819	0.248253112	Acyl-coenzyme A thioesterase 13 OS=Mus musculus GN=Acot13 PE=1 SV=1
Q69ZS7	Hbs1l	1.066688009	0.09313827	0.564629485	0.248236447	HBS1-like protein OS=Mus musculus GN=Hbs1l PE=1 SV=2
Q8K0G5	Tssc1	1.034660699	0.049157735	0.564643668	0.248225538	Protein TSSC1 OS=Mus musculus GN=Tssc1 PE=2 SV=2
Q8VCM8	Ncln	1.016044012	0.022962897	0.565112263	0.247865268	Nicalin OS=Mus musculus GN=Ncln PE=2 SV=2
Q8CGC7	Eprs	0.979386233	-0.030050179	0.565222889	0.24778026	Bifunctional glutamate/proline--tRNA ligase OS=Mus musculus GN=Eprs PE=1 SV=4
Q8VD62	Bles03	1.080576058	0.111800622	0.565311516	0.247712168	UPF0696 protein C11orf68 homolog OS=Mus musculus GN=Bles03 PE=2 SV=1
O55137	Acot1	1.036089385	0.051148472	0.565419434	0.247629268	Acyl-coenzyme A thioesterase 1 OS=Mus musculus GN=Acot1 PE=1 SV=1

Accession	Gene	Fold Change (KO vs. WT)	Log2 Fold Change	Students T Test	-Log10 T Test	Description
Q62048	Pea15	1.057641	0.08085001	0.565428302	0.247622457	Astrocytic phosphoprotein PEA-15 OS=Mus musculus GN=Pea15 PE=1 SV=1
P47934	Crat	1.078922241	0.109590892	0.565707245	0.247408259	Carnitine O-acetyltransferase OS=Mus musculus GN=Crat PE=1 SV=3
P62281	Rps11	0.964650912	-0.051921141	0.565763238	0.247365276	40S ribosomal protein S11 OS=Mus musculus GN=Rps11 PE=1 SV=3
Q9WUR2	Eci2	0.956264826	-0.064517884	0.566008283	0.247177214	Enoyl-CoA delta isomerase 2, mitochondrial OS=Mus musculus GN=Eci2 PE=1 SV=2
Q8CHH9	Sept8	0.956265993	-0.064516124	0.566122947	0.247089241	Septin-8 OS=Mus musculus GN=Sept8 PE=1 SV=4
Q920B9	Supt16h	0.869380785	-0.201939884	0.56630501	0.246949596	FACT complex subunit SPT16 OS=Mus musculus GN=Supt16h PE=1 SV=2
P68404	Prkcb	1.021630241	0.030873135	0.566557999	0.246755625	Protein kinase C beta type OS=Mus musculus GN=Prkcb PE=1 SV=4
Q99JR1	Sfxn1	1.040260137	0.056944347	0.566811174	0.246561597	Sideroflexin-1 OS=Mus musculus GN=Sfxn1 PE=1 SV=3
Q9CWJ9	Atic	1.035579753	0.050438664	0.566871124	0.246515665	Bifunctional purine biosynthesis protein PURH OS=Mus musculus GN=Atic PE=1 SV=2
P70663	Sparcl1	1.042569487	0.060143542	0.566895295	0.246497148	SPARC-like protein 1 OS=Mus musculus GN=Sparcl1 PE=2 SV=3
Q9CZ28	Snf8	1.158923643	0.212785516	0.567578769	0.245973859	Vacuolar-sorting protein SNF8 OS=Mus musculus GN=Snf8 PE=2 SV=1
Q9D0L8	Rnmt	0.960399367	-0.058293642	0.567767679	0.245829334	mRNA cap guanine-N7 methyltransferase OS=Mus musculus GN=Rnmt PE=1 SV=1
Q9ER88	Dap3	1.097921796	0.134775296	0.567981886	0.245665514	28S ribosomal protein S29, mitochondrial OS=Mus musculus GN=Dap3 PE=2 SV=1
P61202	Cops2	0.965937915	-0.04999763	0.568095348	0.245578767	COP9 signalosome complex subunit 2 OS=Mus musculus GN=Cops2 PE=1 SV=1
Q3TJZ6	Fam98a	0.873186078	-0.195638967	0.56813948	0.24554503	Protein FAM98A OS=Mus musculus GN=Fam98a PE=2 SV=1
Q9WVR4	Fxr2	1.154388025	0.207128239	0.568258114	0.245454354	Fragile X mental retardation syndrome-related protein 2 OS=Mus musculus GN=Fxr2 PE=1 SV=1
Q9JLM8-2	Dclk1	1.031253354	0.044398812	0.568298621	0.245423397	Isoform 2 of Serine/threonine-protein kinase DCLK1 OS=Mus musculus GN=Dclk1
P63168	Dynll1	0.951667871	-0.071469929	0.568405342	0.245341849	Dynein light chain 1, cytoplasmic OS=Mus musculus GN=Dynll1 PE=1 SV=1
Q9D1I5	Mcee	0.947641515	-0.077586692	0.568447625	0.245309544	Methylmalonyl-CoA epimerase, mitochondrial OS=Mus musculus GN=Mcee PE=1 SV=1
Q923D5	Wbp11	1.111950634	0.15309274	0.568566669	0.245218604	WW domain-binding protein 11 OS=Mus musculus GN=Wbp11 PE=1 SV=2
P15331-3	Prph	1.078245704	0.108685968	0.568877612	0.244981158	Isoform 5b of Peripherin OS=Mus musculus GN=Prph
P49586	Pcyt1a	1.193447451	0.255135044	0.569033125	0.244862451	Choline-phosphate cytidylyltransferase A OS=Mus musculus GN=Pcyt1a PE=1 SV=1
Q811Q9	Pcyt1b	1.193447451	0.255135044	0.569033125	0.244862451	Choline-phosphate cytidylyltransferase B OS=Mus musculus GN=Pcyt1b PE=1 SV=2
P62204	Calm1	0.955113403	-0.066256057	0.5692594	0.24468979	Calmodulin OS=Mus musculus GN=Calm1 PE=1 SV=2
Q9WV32	Arpc1b	1.176738289	0.234793495	0.56929832	0.244660098	Actin-related protein 2/3 complex subunit 1B OS=Mus musculus GN=Arpc1b PE=2 SV=4
P06745	Gpi	0.953223448	-0.069113655	0.56973771	0.244325034	Glucose-6-phosphate isomerase OS=Mus musculus GN=Gpi PE=1 SV=4
Q7TQ95	Lnp	0.938205337	-0.092204387	0.569750628	0.244315187	Protein lunapark OS=Mus musculus GN=Lnp PE=1 SV=1
Q71LX4	Tln2	0.977921811	-0.032208975	0.569775554	0.244296188	Talin-2 OS=Mus musculus GN=Tln2 PE=1 SV=3
Q8K482	Emilin2	0.921921922	-0.117283522	0.569814894	0.244266203	EMILIN-2 OS=Mus musculus GN=Emilin2 PE=1 SV=1
Q9Z329-2	Itpr2	1.03530917	0.050061659	0.570017948	0.244111469	Isoform 2 of Inositol 1,4,5-trisphosphate receptor type 2 OS=Mus musculus GN=Itpr2
P62267	Rps23	0.930458763	-0.103985881	0.570520924	0.243728423	40S ribosomal protein S23 OS=Mus musculus GN=Rps23 PE=1 SV=3
Q9Z2A0	Pdpk1	1.065056482	0.090929941	0.570731562	0.24356811	3-phosphoinositide-dependent protein kinase 1 OS=Mus musculus GN=Pdpk1 PE=1 SV=2
Q03717	Kcnb1	1.103175295	0.141662054	0.570968542	0.243387819	Potassium voltage-gated channel subfamily B member 1 OS=Mus musculus GN=Kcnb1 PE=1 SV=2
Q62448	Eif4g2	0.976667547	-0.034060536	0.571027264	0.243343156	Eukaryotic translation initiation factor 4 gamma 2 OS=Mus musculus GN=Eif4g2 PE=1 SV=2
P23819-2	Gria2	0.979137662	-0.030416386	0.571414899	0.24304844	Isoform 2 of Glutamate receptor 2 OS=Mus musculus GN=Gria2
Q8VDQ1-2	Ptgr2	1.055943805	0.07853306	0.571551591	0.242944562	Isoform 2 of Prostaglandin reductase 2 OS=Mus musculus GN=Ptgr2
Q61043	Nin	1.090314116	0.124743831	0.571751319	0.242792824	Ninein OS=Mus musculus GN=Nin PE=2 SV=3
P30677	Gna14	1.021377209	0.030515772	0.572047454	0.242567943	Guanine nucleotide-binding protein subunit alpha-14 OS=Mus musculus GN=Gna14 PE=1 SV=2
Q8C052	Map1s	1.061732058	0.086419728	0.57225365	0.242411428	Microtubule-associated protein 1S OS=Mus musculus GN=Map1s PE=1 SV=2
Q9EQP2	Ehd4	1.050713197	0.071368925	0.572302004	0.242374734	EH domain-containing protein 4 OS=Mus musculus GN=Ehd4 PE=1 SV=1
Q64010	Crk	1.024105661	0.034364572	0.573188222	0.241702742	Adapter molecule crk OS=Mus musculus GN=Crk PE=1 SV=1
Q9R1L5	Mast1	1.063339519	0.088602315	0.573425143	0.241523268	Microtubule-associated serine/threonine-protein kinase 1 OS=Mus musculus GN=Mast1 PE=1 SV=3
Q80Y14	Glrx5	1.099958623	0.137449256	0.573572113	0.241411972	Glutaredoxin-related protein 5, mitochondrial OS=Mus musculus GN=Glrx5 PE=1 SV=2
Q8K341-3	Atat1	1.028615482	0.040703773	0.574317547	0.240847915	Isoform 3 of Alpha-tubulin N-acetyltransferase 1 OS=Mus musculus GN=Atat1
P63011	Rab3a	1.017143012	0.024522538	0.574692632	0.240564371	Ras-related protein Rab-3A OS=Mus musculus GN=Rab3a PE=1 SV=1
Q9EPW0-2	Inpp4a	0.973505663	-0.038738723	0.575010861	0.240323952	Isoform 2 of Type I inositol 3,4-bisphosphate 4-phosphatase OS=Mus musculus GN=Inpp4a
P48722-2	Hspa4l	1.042023648	0.059388019	0.57501395	0.240321619	Isoform 2 of Heat shock 70 kDa protein 4L OS=Mus musculus GN=Hspa4l
Q3UKJ7	Smu1	1.079216395	0.109984171	0.575280709	0.240120189	WD40 repeat-containing protein SMU1 OS=Mus musculus GN=Smu1 PE=2 SV=2
Q59J78	Ndufaf2	0.963138183	-0.054185296	0.575659307	0.239834469	Mimitin, mitochondrial OS=Mus musculus GN=Ndufaf2 PE=2 SV=1
P35803-5	Gpm6b	1.032005585	0.045450779	0.576376302	0.239293884	Isoform 5 of Neuronal membrane glycoprotein M6-b OS=Mus musculus GN=Gpm6b
Q9D0L7	Armc10	1.092944671	0.128220368	0.576382429	0.239289267	Armadillo repeat-containing protein 10 OS=Mus musculus GN=Armc10 PE=1 SV=1
P28650	Adssl1	1.126294477	0.171584079	0.576410049	0.239268456	Adenylosuccinate synthetase isozyme 1 OS=Mus musculus GN=Adssl1 PE=1 SV=2
Q8CFI7	Polr2b	0.945980442	-0.080117738	0.576545808	0.239166181	DNA-directed RNA polymerase II subunit RPB2 OS=Mus musculus GN=Polr2b PE=2 SV=2
Q7TN98-3	Cpeb4	1.060713649	0.085035238	0.576550079	0.239162964	Isoform 3 of Cytoplasmic polyadenylation element-binding protein 4 OS=Mus musculus GN=Cpeb4
O70503	Hsd17b12	1.033254506	0.047195656	0.576971921	0.238845322	Estradiol 17-beta-dehydrogenase 12 OS=Mus musculus GN=Hsd17b12 PE=2 SV=1
Q6PE15	Abhd10	1.144949945	0.195284528	0.577077116	0.238766147	Mycophenolic acid acyl-glucuronide esterase, mitochondrial OS=Mus musculus GN=Abhd10 PE=2 SV=1
Q7TSJ2	Map6	0.975144274	-0.036312411	0.577243304	0.238641096	Microtubule-associated protein 6 OS=Mus musculus GN=Map6 PE=1 SV=2
Q99JI8	Hgs	1.042523835	0.060080368	0.577397837	0.238524847	Hepatocyte growth factor-regulated tyrosine kinase substrate OS=Mus musculus GN=Hgs PE=1 SV=2
P56384	Atp5g3	1.077449874	0.107620752	0.57755944	0.238403313	ATP synthase F(0) complex subunit C3, mitochondrial OS=Mus musculus GN=Atp5g3 PE=2 SV=1
Q91YR1	Twf1	0.910613067	-0.135089933	0.578241858	0.237890474	Twinfilin-1 OS=Mus musculus GN=Twf1 PE=1 SV=2
Q923T9-3	Camk2g	0.962917479	-0.054515929	0.578500112	0.237696553	Isoform 3 of Calcium/calmodulin-dependent protein kinase type II subunit gamma OS=Mus musculus GN=Camk2g
O35660	Gstm6	0.965909544	-0.050040006	0.578680001	0.237561527	Glutathione S-transferase Mu 6 OS=Mus musculus GN=Gstm6 PE=2 SV=3
Q8BL97-3	Srsf7	1.054669398	0.076790836	0.578802833	0.237469352	Isoform 3 of Serine/arginine-rich splicing factor 7 OS=Mus musculus GN=Srsf7
Q9Z1T1	Ap3b1	0.929908595	-0.104839181	0.578925272	0.237377491	AP-3 complex subunit beta-1 OS=Mus musculus GN=Ap3b1 PE=1 SV=2
Q99LD4-2	Gps1	0.872410272	-0.196921337	0.578936447	0.237369109	Isoform 2 of COP9 signalosome complex subunit 1 OS=Mus musculus GN=Gps1
Q641P0	Actr3b	0.965497142	-0.050656107	0.579167981	0.237195456	Actin-related protein 3B OS=Mus musculus GN=Actr3b PE=2 SV=1
P43277	Hist1h1d	0.952246738	-0.070592655	0.579325747	0.23707717	Histone H1.3 OS=Mus musculus GN=Hist1h1d PE=1 SV=2
P84086	Cplx2	0.920797549	-0.119044101	0.579386812	0.237031395	Complexin-2 OS=Mus musculus GN=Cplx2 PE=1 SV=1
Q9WTN0	Ggps1	0.94338787	-0.084077044	0.579457405	0.236978483	Geranylgeranyl pyrophosphate synthase OS=Mus musculus GN=Ggps1 PE=2 SV=1
Q64133	Maoa	0.958083489	-0.061776714	0.579967396	0.23659642	Amine oxidase [flavin-containing] A OS=Mus musculus GN=Maoa PE=1 SV=3
Q8BP47	Nars	1.024195245	0.034490767	0.58014788	0.23646129	Asparagine--tRNA ligase, cytoplasmic OS=Mus musculus GN=Nars PE=1 SV=2
Q8R574	Prpsap2	1.021850525	0.031184176	0.580176489	0.236439875	Phosphoribosyl pyrophosphate synthase-associated protein 2 OS=Mus musculus GN=Prpsap2 PE=1 SV=1
Q8C437	Pex5l	0.956507256	-0.064152181	0.580392704	0.236278055	PEX5-related protein OS=Mus musculus GN=Pex5l PE=1 SV=2
P97411	Ica1	1.206259539	0.270540352	0.580663418	0.236075534	Islet cell autoantigen 1 OS=Mus musculus GN=Ica1 PE=2 SV=3
Q60770	Stxbp3	0.970075577	-0.043830946	0.580952598	0.235859302	Syntaxin-binding protein 3 OS=Mus musculus GN=Stxbp3 PE=1 SV=1
P54761	Ephb4	0.955007698	-0.066415733	0.581317102	0.2355869	Ephrin type-B receptor 4 OS=Mus musculus GN=Ephb4 PE=1 SV=2
Q61772-2	Epha7	0.955007698	-0.066415733	0.581317102	0.2355869	Isoform 2 of Ephrin type-A receptor 7 OS=Mus musculus GN=Epha7
Q6NZC7	Sec23ip	1.104529484	0.14343193	0.581527484	0.235429755	SEC23-interacting protein OS=Mus musculus GN=Sec23ip PE=2 SV=2
P63001	Rac1	0.968214968	-0.046600698	0.581809003	0.235219563	Ras-related C3 botulinum toxin substrate 1 OS=Mus musculus GN=Rac1 PE=1 SV=1
P68254-2	Ywhaq	0.958829128	-0.060654358	0.58223689	0.234900281	Isoform 2 of 14-3-3 protein theta OS=Mus musculus GN=Ywhaq
O89079	Cope	0.955356351	-0.065889131	0.582346802	0.234818305	Coatomer subunit epsilon OS=Mus musculus GN=Cope PE=2 SV=3
O88935	Syn1	0.952183062	-0.070689129	0.582522559	0.234687251	Synapsin-1 OS=Mus musculus GN=Syn1 PE=1 SV=2
P48722	Hspa4l	1.040983526	0.057947237	0.58268145	0.234568807	Heat shock 70 kDa protein 4L OS=Mus musculus GN=Hspa4l PE=1 SV=2
Q8R550-5	Sh3kbp1	1.062977227	0.08811069	0.582879058	0.234421548	Isoform 5 of SH3 domain-containing kinase-binding protein 1 OS=Mus musculus GN=Sh3kbp1
P97450	Atp5j	0.928516208	-0.107001001	0.582991682	0.234337642	ATP synthase-coupling factor 6, mitochondrial OS=Mus musculus GN=Atp5j PE=1 SV=1
Q9WTX6	Cul1	0.946033372	-0.080037018	0.583135896	0.234230224	Cullin-1 OS=Mus musculus GN=Cul1 PE=1 SV=1
Q06335	Aplp2	0.930225035	-0.104348327	0.583729479	0.233788374	Amyloid-like protein 2 OS=Mus musculus GN=Aplp2 PE=1 SV=4
Q99K48-2	Nono	1.017717652	0.025337366	0.583753998	0.233770132	Isoform 2 of Non-POU domain-containing octamer-binding protein OS=Mus musculus GN=Nono
P45878	Fkbp2	0.948553407	-0.07619909	0.584070987	0.233534366	Peptidyl-prolyl cis-trans isomerase FKBP2 OS=Mus musculus GN=Fkbp2 PE=1 SV=1
P13595-2	Ncam1	1.023074696	0.032911482	0.584112592	0.233503431	Isoform 2 of Neural cell adhesion molecule 1 OS=Mus musculus GN=Ncam1
Q8BWQ6		0.946257198	-0.079695726	0.585379108	0.232562782	UPF0505 protein C16orf62 homolog OS=Mus musculus PE=2 SV=2
Q8CCB4	Vps53	1.077947306	0.108286656	0.5859359	0.232149892	Vacuolar protein sorting-associated protein 53 homolog OS=Mus musculus GN=Vps53 PE=2 SV=1
Q91YE6	Ipo9	1.120257339	0.163830177	0.585980027	0.232117186	Importin-9 OS=Mus musculus GN=Ipo9 PE=1 SV=3
Q80TL1	Adcy2	0.943546338	-0.083834724	0.586332907	0.231855731	Adenylate cyclase type 2 OS=Mus musculus GN=Adcy2 PE=2 SV=2
P68254	Ywhaq	0.959569702	-0.059540488	0.586771035	0.231531333	14-3-3 protein theta OS=Mus musculus GN=Ywhaq PE=1 SV=1
Q08274	Dmwd	1.092830314	0.128069408	0.586943387	0.231403786	Dystrophia myotonica WD repeat-containing protein OS=Mus musculus GN=Dmwd PE=2 SV=3
Q99KC8	Vwa5a	1.037980074	0.053778749	0.587016451	0.231349728	von Willebrand factor A domain-containing protein 5A OS=Mus musculus GN=Vwa5a PE=1 SV=2
Q9R0D8	Wdr54	1.022786005	0.032504325	0.587435737	0.231039637	WD repeat-containing protein 54 OS=Mus musculus GN=Wdr54 PE=2 SV=1
Q8R2V5	Adap2	0.939629924	-0.089835436	0.587506432	0.230987374	Arf-GAP with dual PH domain-containing protein 2 OS=Mus musculus GN=Adap2 PE=2 SV=1
P15327	Bpgm	0.948658	-0.076040019	0.587601309	0.230917246	Bisphosphoglycerate mutase OS=Mus musculus GN=Bpgm PE=2 SV=2
Q8BFZ3	Actbl2	1.015306573	0.021915416	0.587809672	0.230763272	Beta-actin-like protein 2 OS=Mus musculus GN=Actbl2 PE=1 SV=1
P34022	Ranbp1	0.909764337	-0.136435213	0.587898702	0.230697499	Ran-specific GTPase-activating protein OS=Mus musculus GN=Ranbp1 PE=1 SV=2
P22723	Gabrg2	0.94569753	-0.080549267	0.588112624	0.230539498	Gamma-aminobutyric acid receptor subunit gamma-2 OS=Mus musculus GN=Gabrg2 PE=1 SV=3
P24270	Cat	1.074453631	0.103603224	0.588380003	0.230342096	Catalase OS=Mus musculus GN=Cat PE=1 SV=4
Q9CQU0	Txndc12	0.959395442	-0.059802509	0.589010567	0.229876914	Thioredoxin domain-containing protein 12 OS=Mus musculus GN=Txndc12 PE=2 SV=1
Q9EPE9	Atp13a1	1.031177653	0.044292904	0.589032113	0.229861028	Probable cation-transporting ATPase 13A1 OS=Mus musculus GN=Atp13a1 PE=2 SV=2
P52189	Kcnj4	0.945570076	-0.080743716	0.589454487	0.229549722	Inward rectifier potassium channel 4 OS=Mus musculus GN=Kcnj4 PE=1 SV=1
P41216	Acsl1	0.961703728	-0.056335583	0.589509948	0.229508862	Long-chain-fatty-acid--CoA ligase 1 OS=Mus musculus GN=Acsl1 PE=1 SV=2
Q91VM9	Ppa2	1.020316182	0.029016292	0.589662119	0.229396771	Inorganic pyrophosphatase 2, mitochondrial OS=Mus musculus GN=Ppa2 PE=1 SV=1
Q9QXZ0-3	Macf1	0.952239731	-0.07060327	0.589882576	0.229234432	Isoform 3 of Microtubule-actin cross-linking factor 1 OS=Mus musculus GN=Macf1
Q60930	Vdac2	0.95711966	-0.063228792	0.590021472	0.229132184	Voltage-dependent anion-selective channel protein 2 OS=Mus musculus GN=Vdac2 PE=1 SV=2
Q8R1I1	Uqcr10	0.944235601	-0.082781217	0.590067816	0.229098072	Cytochrome b-c1 complex subunit 9 OS=Mus musculus GN=Uqcr10 PE=1 SV=1
Q4KMM3-4	Oxr1	0.968305583	-0.046465682	0.590204949	0.228997153	Isoform 4 of Oxidation resistance protein 1 OS=Mus musculus GN=Oxr1
O88545	Cops6	0.97732343	-0.033092017	0.590402957	0.228851476	COP9 signalosome complex subunit 6 OS=Mus musculus GN=Cops6 PE=1 SV=1
Q99L47	St13	0.975163259	-0.036284324	0.590441832	0.228822881	Hsc70-interacting protein OS=Mus musculus GN=St13 PE=1 SV=1
Q8C163	Exog	1.030450141	0.043274701	0.590606165	0.228702024	Nuclease EXOG, mitochondrial OS=Mus musculus GN=Exog PE=2 SV=1
Q60673	Ptprn	1.080421763	0.111594605	0.590694977	0.228636722	Receptor-type tyrosine-protein phosphatase-like N OS=Mus musculus GN=Ptprn PE=1 SV=2

Accession	Gene	Fold Change (KO vs. WT)	Log2 Fold Change	Students T Test	-Log10 T Test	Description
Q8C0L9	Gpcpd1	1.038118137	0.053970631	0.591423255	0.228101603	Glycerophosphocholine phosphodiesterase GPCPD1 OS=Mus musculus GN=Gpcpd1 PE=1 SV=1
Q91VE0	Slc27a4	1.068421575	0.095481014	0.591438584	0.228090347	Long-chain fatty acid transport protein 4 OS=Mus musculus GN=Slc27a4 PE=1 SV=1
O35114	Scarb2	1.051376074	0.07227881	0.591581114	0.227985699	Lysosome membrane protein 2 OS=Mus musculus GN=Scarb2 PE=1 SV=3
Q9Z0R4-2	Itsn1	0.990418737	-0.013889486	0.592171869	0.227552228	Isoform 2 of Intersectin-1 OS=Mus musculus GN=Itsn1
Q6PH08	Erc2	1.020038998	0.02862431	0.592413251	0.227375236	ERC protein 2 OS=Mus musculus GN=Erc2 PE=2 SV=2
Q9D0L8-3	Rnmt	0.954057284	-0.067852203	0.593002298	0.226943624	Isoform 3 of mRNA cap guanine-N7 methyltransferase OS=Mus musculus GN=Rnmt
P80318	Cct3	0.971439433	-0.041804045	0.593663398	0.226459726	T-complex protein 1 subunit gamma OS=Mus musculus GN=Cct3 PE=1 SV=1
Q80TR1	Lphn1	1.045354599	0.063992407	0.59381339	0.226350014	Latrophilin-1 OS=Mus musculus GN=Lphn1 PE=1 SV=2
P18826	Phka1	0.940208295	-0.088947687	0.594780274	0.225643443	Phosphorylase b kinase regulatory subunit alpha, skeletal muscle isoform OS=Mus musculus GN=Phka1 PE=2 SV=3
P33175	Kif5a	1.032601233	0.046283226	0.594992793	0.225488294	Kinesin heavy chain isoform 5A OS=Mus musculus GN=Kif5a PE=1 SV=3
Q9QXX4	Slc25a13	0.922705819	-0.11605734	0.595091463	0.22541628	Calcium-binding mitochondrial carrier protein Aralar2 OS=Mus musculus GN=Slc25a13 PE=1 SV=1
B9EHT4	Clip3	0.950802848	-0.07278187	0.595236691	0.225310306	CAP-Gly domain-containing linker protein 3 OS=Mus musculus GN=Clip3 PE=1 SV=1
P97445	Cacna1a	0.944032447	-0.083091648	0.595670792	0.224993694	Voltage-dependent P/Q-type calcium channel subunit alpha-1A OS=Mus musculus GN=Cacna1a PE=1 SV=2
Q924M7	Mpi	1.019041391	0.027212651	0.595730838	0.224949918	Mannose-6-phosphate isomerase OS=Mus musculus GN=Mpi PE=2 SV=1
Q9R088	Tk2	1.090214576	0.124612114	0.595738021	0.224944681	Thymidine kinase 2, mitochondrial OS=Mus musculus GN=Tk2 PE=1 SV=2
Q62059-3	Vcan	0.954319131	-0.067456301	0.596150663	0.224643969	Isoform V2 of Versican core protein OS=Mus musculus GN=Vcan
Q58A65-4	Spag9	1.090370117	0.124817929	0.596252903	0.224569494	Isoform 4 of C-Jun-amino-terminal kinase-interacting protein 4 OS=Mus musculus GN=Spag9
Q8BTV1	Tusc3	0.936551659	-0.094569521	0.596270153	0.224556929	Tumor suppressor candidate 3 OS=Mus musculus GN=Tusc3 PE=2 SV=1
A2CG49-6	Kalrn	0.87047632	-0.200123043	0.596376008	0.224479837	Isoform 6 of Kalirin OS=Mus musculus GN=Kalrn
Q9Z2Y3-5	Homer1	1.028692349	0.04081158	0.59681149	0.224162825	Isoform 5 of Homer protein homolog 1 OS=Mus musculus GN=Homer1
Q9D0A3	Arpin	1.029927086	0.042542205	0.596834659	0.224145965	Arpin OS=Mus musculus GN=Arpin PE=1 SV=1
Q8VDJ3	Hdlbp	1.059504191	0.083389295	0.597021165	0.224010273	Vigilin OS=Mus musculus GN=Hdlbp PE=1 SV=1
Q920Q6-3	Msi2	0.956682503	-0.063887882	0.597088208	0.223961506	Isoform 3 of RNA-binding protein Musashi homolog 2 OS=Mus musculus GN=Msi2
Q8BXR1	Slc7a14	0.892885958	-0.163452173	0.597509434	0.223655233	Probable cationic amino acid transporter OS=Mus musculus GN=Slc7a14 PE=2 SV=1
Q91WK1	Spryd4	1.038983091	0.055172175	0.597510877	0.223654185	SPRY domain-containing protein 4 OS=Mus musculus GN=Spryd4 PE=1 SV=1
Q80ZJ1	Rap2a	0.978767767	-0.030961503	0.597934935	0.223346072	Ras-related protein Rap-2a OS=Mus musculus GN=Rap2a PE=1 SV=2
P42125	Eci1	0.974095946	-0.037864213	0.59868548	0.222801274	Enoyl-CoA delta isomerase 1, mitochondrial OS=Mus musculus GN=Eci1 PE=1 SV=2
Q9ERE7	Mesdc2	1.103131538	0.141604829	0.598698927	0.22279152	LDLR chaperone MESD OS=Mus musculus GN=Mesdc2 PE=1 SV=1
Q9WVL3	Slc12a7	0.884181046	-0.177586288	0.599012715	0.222563959	Solute carrier family 12 member 7 OS=Mus musculus GN=Slc12a7 PE=1 SV=1
Q9Z1Q9	Vars	0.93818683	-0.092052846	0.599507466	0.222205404	Valine--tRNA ligase OS=Mus musculus GN=Vars PE=2 SV=1
Q8BFR5-2	Tufm	0.980664373	-0.028168628	0.599862529	0.221948266	Isoform 2 of Elongation factor Tu, mitochondrial OS=Mus musculus GN=Tufm
Q9JHW2	Nit2	1.095739002	0.131904199	0.600053949	0.221809702	Omega-amidase NIT2 OS=Mus musculus GN=Nit2 PE=1 SV=1
P60191	Rims4	0.959095782	-0.060253195	0.6002053	0.221700174	Regulating synaptic membrane exocytosis protein 4 OS=Mus musculus GN=Rims4 PE=2 SV=1
Q9D7V2-2	Lysmd2	0.860081409	-0.217454873	0.600370575	0.221580601	Isoform 2 of LysM and putative peptidoglycan-binding domain-containing protein 2 OS=Mus musculus GN=Lysmd2
Q9D2R6	Coa3	1.062208617	0.087067138	0.600673285	0.221361683	Cytochrome c oxidase assembly factor 3 homolog, mitochondrial OS=Mus musculus GN=Coa3 PE=2 SV=1
Q9JKF7	Mrpl39	0.937217485	-0.093544225	0.601059041	0.221082866	39S ribosomal protein L39, mitochondrial OS=Mus musculus GN=Mrpl39 PE=2 SV=4
P13595-3	Ncam1	1.021308187	0.030418275	0.601060299	0.221081957	Isoform 3 of Neural cell adhesion molecule 1 OS=Mus musculus GN=Ncam1
Q64337	Sqstm1	1.222165705	0.289439904	0.601250502	0.220944548	Sequestosome-1 OS=Mus musculus GN=Sqstm1 PE=1 SV=1
P57722	Pcbp3	0.979794465	-0.029448954	0.601319466	0.220894737	Poly(rC)-binding protein 3 OS=Mus musculus GN=Pcbp3 PE=2 SV=3
P31254	Uba1y	0.973245292	-0.039124634	0.601809828	0.220540724	Ubiquitin-like modifier-activating enzyme 1 Y OS=Mus musculus GN=Uba1y PE=2 SV=2
P56135	Atp5j2	1.032106372	0.045591667	0.601894387	0.220479707	ATP synthase subunit f, mitochondrial OS=Mus musculus GN=Atp5j2 PE=1 SV=3
Q9CQ45	Nenf	0.95240483	-0.070353158	0.601977691	0.220419603	Neudesin OS=Mus musculus GN=Nenf PE=1 SV=1
P11438	Lamp1	0.955178719	-0.0661574	0.601998435	0.220404638	Lysosome-associated membrane glycoprotein 1 OS=Mus musculus GN=Lamp1 PE=1 SV=2
Q4KMM3	Oxr1	0.970698537	-0.042904778	0.602451862	0.220077649	Oxidation resistance protein 1 OS=Mus musculus GN=Oxr1 PE=2 SV=3
P60041	Sst	1.047201985	0.066539738	0.602679415	0.219913642	Somatostatin OS=Mus musculus GN=Sst PE=2 SV=1
P80313	Cct7	0.981781431	-0.026526215	0.602719344	0.21988487	T-complex protein 1 subunit eta OS=Mus musculus GN=Cct7 PE=1 SV=1
P62835	Rap1a	0.971195584	-0.042166233	0.602789137	0.219834582	Ras-related protein Rap-1A OS=Mus musculus GN=Rap1a PE=2 SV=1
Q05A62-3	Dnal1	0.965153074	-0.051170323	0.602963273	0.21970914	Isoform 3 of Dynein light chain 1, axonemal OS=Mus musculus GN=Dnal1
Q61598	Gdi2	1.0275811	0.039252261	0.603245958	0.219505579	Rab GDP dissociation inhibitor beta OS=Mus musculus GN=Gdi2 PE=1 SV=1
O88741-2	Gdap1	0.907513265	-0.140009363	0.603473274	0.219341959	Isoform 2 of Ganglioside-induced differentiation-associated protein 1 OS=Mus musculus GN=Gdap1
P46737	Brcc3	1.047422	0.066842813	0.603657468	0.219209422	Lys-63-specific deubiquitinase BRCC36 OS=Mus musculus GN=Brcc3 PE=2 SV=1
Q91XD6	Vps36	1.087707817	0.121291068	0.603813321	0.21909731	Vacuolar protein-sorting-associated protein 36 OS=Mus musculus GN=Vps36 PE=1 SV=1
Q9D8E6	Rpl4	0.97724454	-0.033208475	0.604140116	0.218862325	60S ribosomal protein L4 OS=Mus musculus GN=Rpl4 PE=1 SV=3
Q91V57-3	Chn1	0.970162963	-0.043700991	0.604198896	0.218820072	Isoform 3 of N-chimaerin OS=Mus musculus GN=Chn1
Q3UH93	Plxnd1	1.098379921	0.135377157	0.605091481	0.218178961	Plexin-D1 OS=Mus musculus GN=Plxnd1 PE=1 SV=1
Q99J85	Nptxr	0.963975422	-0.052931732	0.605167474	0.218124422	Neuronal pentraxin receptor OS=Mus musculus GN=Nptxr PE=1 SV=1
Q99KI3	Emc3	0.875657725	-0.191561032	0.605250735	0.218064674	ER membrane protein complex subunit 3 OS=Mus musculus GN=Emc3 PE=2 SV=3
P15864	Hist1h1c	0.934222798	-0.098161442	0.605365099	0.217982621	Histone H1.2 OS=Mus musculus GN=Hist1h1c PE=1 SV=2
P48678-3	Lmna	1.011826898	0.016962497	0.605801715	0.217669501	Isoform C2 of Prelamin-A/C OS=Mus musculus GN=Lmna
Q8QZV4	Stk32c	1.029974487	0.042608602	0.605808051	0.217664959	Serine/threonine-protein kinase 32C OS=Mus musculus GN=Stk32c PE=2 SV=1
Q3ULA2	Btrc	0.944958511	-0.081677107	0.6058201	0.217656322	F-box/WD repeat-containing protein 1A OS=Mus musculus GN=Btrc PE=1 SV=2
Q9D964	Gatm	1.069590971	0.097059192	0.606024338	0.217509934	Glycine amidinotransferase, mitochondrial OS=Mus musculus GN=Gatm PE=1 SV=1
O88935-1	Syn1	0.953617008	-0.068518129	0.606718313	0.217012896	Isoform Ib of Synapsin-1 OS=Mus musculus GN=Syn1
Q9Z0H8-2	Clip2	0.979181124	-0.030352348	0.606994753	0.216815063	Isoform 2 of CAP-Gly domain-containing linker protein 2 OS=Mus musculus GN=Clip2
Q9D7X8	Ggct	0.968069006	-0.046818205	0.607050886	0.216774902	Gamma-glutamylcyclotransferase OS=Mus musculus GN=Ggct PE=1 SV=1
Q61187	Tsg101	0.949452027	-0.074832987	0.607341473	0.216567062	Tumor susceptibility gene 101 protein OS=Mus musculus GN=Tsg101 PE=1 SV=2
Q8BHC9	Fut11	1.099443528	0.136773504	0.607443849	0.216493861	Alpha-(1,3)-fucosyltransferase 11 OS=Mus musculus GN=Fut11 PE=1 SV=1
Q3UTJ2-7	Sorbs2	1.04225492	0.059708183	0.608171812	0.215973713	Isoform 7 of Sorbin and SH3 domain-containing protein 2 OS=Mus musculus GN=Sorbs2
P23298	Prkch	1.02885598	0.041041048	0.608313814	0.215872321	Protein kinase C eta type OS=Mus musculus GN=Prkch PE=1 SV=2
Q9QZB9	Dctn5	1.05173698	0.072773958	0.608374775	0.215828801	Dynactin subunit 5 OS=Mus musculus GN=Dctn5 PE=1 SV=1
Q9QZX7	Srr	1.040829625	0.057733931	0.608853167	0.21548743	Serine racemase OS=Mus musculus GN=Srr PE=1 SV=1
Q925I1	Atad3	1.027012152	0.038453253	0.608895975	0.215456897	ATPase family AAA domain-containing protein 3 OS=Mus musculus GN=Atad3 PE=1 SV=1
P70181	Pip5k1b	1.06471027	0.090460897	0.609335354	0.215143623	Phosphatidylinositol 4-phosphate 5-kinase type-1 beta OS=Mus musculus GN=Pip5k1b PE=1 SV=1
Q8K019-3	Bclaf1	1.045144649	0.063702626	0.609536863	0.215000024	Isoform 3 of Bcl-2-associated transcription factor 1 OS=Mus musculus GN=Bclaf1
Q62446	Fkbp3	0.970126433	-0.043755315	0.610137189	0.214572503	Peptidyl-prolyl cis-trans isomerase FKBP3 OS=Mus musculus GN=Fkbp3 PE=1 SV=2
Q9DCD0	Pgd	0.98345542	-0.024068438	0.610690321	0.214178963	6-phosphogluconate dehydrogenase, decarboxylating OS=Mus musculus GN=Pgd PE=1 SV=3
Q80U28-7	Madd	1.030670218	0.04358279	0.61078106	0.214114439	Isoform 7 of MAP kinase-activating death domain protein OS=Mus musculus GN=Madd
Q80TR1-2	Lphn1	1.044558768	0.062893662	0.610927475	0.214010343	Isoform 2 of Latrophilin-1 OS=Mus musculus GN=Lphn1
Q91W69	Epn3	0.889082406	-0.169610952	0.611217124	0.213804487	Epsin-3 OS=Mus musculus GN=Epn3 PE=2 SV=1
Q3THG9	Aarsd1	1.040283107	0.056976203	0.611778203	0.213406001	Alanyl-tRNA editing protein Aarsd1 OS=Mus musculus GN=Aarsd1 PE=1 SV=2
P14685	Psmd3	1.042403913	0.059914404	0.612151316	0.213141213	26S proteasome non-ATPase regulatory subunit 3 OS=Mus musculus GN=Psmd3 PE=1 SV=3
Q5DU31-3	Ipcef1	1.052709412	0.074107253	0.612221838	0.213091183	Isoform 3 of Interactor protein for cytohesin exchange factors 1 OS=Mus musculus GN=Ipcef1
Q8R3D1	Tbc1d13	0.894411203	-0.160989836	0.612549484	0.212858822	TBC1 domain family member 13 OS=Mus musculus GN=Tbc1d13 PE=2 SV=1
Q8BIZ1-3	Anks1b	0.95170247	-0.071417479	0.612601539	0.212821916	Isoform 3 of Ankyrin repeat and sterile alpha motif domain-containing protein 1B OS=Mus musculus GN=Anks1b
Q6I6G8	Hecw2	0.976707065	-0.034002162	0.613205091	0.212394248	E3 ubiquitin-protein ligase HECW2 OS=Mus musculus GN=Hecw2 PE=2 SV=1
P46638	Rab11b	0.965942199	-0.049991233	0.613492835	0.212190505	Ras-related protein Rab-11B OS=Mus musculus GN=Rab11b PE=1 SV=3
P47791	Gsr	1.031841915	0.045221957	0.613712047	0.212035352	Glutathione reductase, mitochondrial OS=Mus musculus GN=Gsr PE=1 SV=3
Q8K183	Pdxk	0.981592808	-0.026803416	0.61378232	0.211985626	Pyridoxal kinase OS=Mus musculus GN=Pdxk PE=1 SV=1
Q68FF6	Git1	1.022046802	0.031461262	0.613963608	0.211857371	ARF GTPase-activating protein GIT1 OS=Mus musculus GN=Git1 PE=1 SV=1
Q8C1B7-3	Sept11	0.972727713	-0.039892075	0.61406131	0.211788265	Isoform 3 of Septin-11 OS=Mus musculus GN=Sept11
P97792-3	Cxadr	1.076686863	0.106598726	0.614390272	0.211555669	Isoform 3 of Coxsackievirus and adenovirus receptor homolog OS=Mus musculus GN=Cxadr
Q64010-2	Crk	1.021125944	0.030160817	0.614433385	0.211525195	Isoform Crk-I of Adapter molecule crk OS=Mus musculus GN=Crk
Q8BJW6-2	Eif2a	0.947599402	-0.077650807	0.614446046	0.211516246	Isoform 2 of Eukaryotic translation initiation factor 2A OS=Mus musculus GN=Eif2a
O88967	Yme1l1	0.954039327	-0.067879357	0.614456714	0.211508706	ATP-dependent zinc metalloprotease YME1L1 OS=Mus musculus GN=Yme1l1 PE=2 SV=1
Q99N96	Mrpl1	0.957177525	-0.063141572	0.614596959	0.211409593	39S ribosomal protein L1, mitochondrial OS=Mus musculus GN=Mrpl1 PE=1 SV=2
O55234	Psmb5	1.027551614	0.039210863	0.614696562	0.211339216	Proteasome subunit beta type-5 OS=Mus musculus GN=Psmb5 PE=1 SV=3
Q9CR51	Atp6v1g1	1.092544072	0.127691478	0.614784044	0.211277412	V-type proton ATPase subunit G 1 OS=Mus musculus GN=Atp6v1g1 PE=2 SV=3
Q9JLB0-2	Mpp6	0.972505069	-0.040222325	0.615053242	0.211087288	Isoform Alpha of MAGUK p55 subfamily member 6 OS=Mus musculus GN=Mpp6
O88935-3	Syn1	0.954987927	-0.0664456	0.61508967	0.211061567	Isoform 3 of Synapsin-1 OS=Mus musculus GN=Syn1
Q8VHQ9	Acot11	0.957414105	-0.062785034	0.615458006	0.210801574	Acyl-coenzyme A thioesterase 11 OS=Mus musculus GN=Acot11 PE=2 SV=1
Q3TPX4	Exoc5	0.970841167	-0.04269281	0.615583961	0.210712704	Exocyst complex component 5 OS=Mus musculus GN=Exoc5 PE=1 SV=2
Q920Q4-2	Vps16	1.057284212	0.080363244	0.615671167	0.210651184	Isoform 2 of Vacuolar protein sorting-associated protein 16 homolog OS=Mus musculus GN=Vps16
Q6PGC1	Dhx29	0.924859074	-0.112694544	0.615763523	0.210586041	ATP-dependent RNA helicase Dhx29 OS=Mus musculus GN=Dhx29 PE=2 SV=1
Q922Q4	Pycr2	0.967329831	-0.047920205	0.615855276	0.210521333	Pyrroline-5-carboxylate reductase 2 OS=Mus musculus GN=Pycr2 PE=2 SV=1
Q3UMR5-2	Mcu	1.039358781	0.05569375	0.616138127	0.210321916	Isoform 2 of Calcium uniporter protein, mitochondrial OS=Mus musculus GN=Mcu
O54829	Rgs7	0.983172959	-0.024482858	0.616462576	0.210093283	Regulator of G-protein signaling 7 OS=Mus musculus GN=Rgs7 PE=1 SV=2
Q8R001	Mapre2	0.960413095	-0.05827302	0.616527978	0.21004721	Microtubule-associated protein RP/EB family member 2 OS=Mus musculus GN=Mapre2 PE=1 SV=1
Q6NVE8	Wdr44	0.911940581	-0.132988268	0.616620882	0.209981772	WD repeat-containing protein 44 OS=Mus musculus GN=Wdr44 PE=1 SV=1
P59999	Arpc4	1.026707326	0.038024985	0.617292913	0.209508709	Actin-related protein 2/3 complex subunit 4 OS=Mus musculus GN=Arpc4 PE=1 SV=3
Q6ZQ38	Cand1	0.988857756	-0.016165087	0.617437787	0.209406795	Cullin-associated NEDD8-dissociated protein 1 OS=Mus musculus GN=Cand1 PE=2 SV=2
Q7TT50	Cdc42bpb	1.023778379	0.033903444	0.617441254	0.209404357	Serine/threonine-protein kinase MRCK beta OS=Mus musculus GN=Cdc42bpb PE=1 SV=2
Q6NVE8-2	Wdr44	1.043371062	0.061252326	0.617697954	0.209223837	Isoform 2 of WD repeat-containing protein 44 OS=Mus musculus GN=Wdr44
P56812	Pdcd5	1.086548807	0.119752981	0.617797079	0.209154149	Programmed cell death protein 5 OS=Mus musculus GN=Pdcd5 PE=1 SV=3
Q91VR8	Brk1	0.969437419	-0.044780326	0.618045167	0.208979785	Protein BRICK1 OS=Mus musculus GN=Brk1 PE=2 SV=1
Q9JHJ0	Tmod3	0.971413854	-0.041842033	0.618474795	0.208677995	Tropomodulin-3 OS=Mus musculus GN=Tmod3 PE=2 SV=1
Q9CQ60	Pgls	1.052601071	0.073958767	0.618543547	0.20862972	6-phosphogluconolactonase OS=Mus musculus GN=Pgls PE=2 SV=1
Q4VAA2	Cdv3	1.026392239	0.037582167	0.618562053	0.208616727	Protein CDV3 OS=Mus musculus GN=Cdv3 PE=1 SV=2

Accession	Gene	Fold Change (KO vs. WT)	Log2 Fold Change	Students T Test	-Log10 T Test	Description
Q9D2N4	Dtna	0.967128375	-0.048220692	0.619208043	0.208163411	Dystrobrevin alpha OS=Mus musculus GN=Dtna PE=1 SV=2
P61222	Abce1	1.044432778	0.06271964	0.619316512	0.208087341	ATP-binding cassette sub-family E member 1 OS=Mus musculus GN=Abce1 PE=2 SV=1
Q9CWM4	Pfdn1	0.979375039	-0.030066668	0.61938575	0.20803879	Prefoldin subunit 1 OS=Mus musculus GN=Pfdn1 PE=2 SV=1
Q9WV98	Timm9	0.965752662	-0.050274345	0.619589447	0.207895988	Mitochondrial import inner membrane translocase subunit Tim9 OS=Mus musculus GN=Timm9 PE=1 SV=1
Q8N7N5	Dcaf8	1.072273497	0.100672931	0.620177442	0.207484035	DDB1- and CUL4-associated factor 8 OS=Mus musculus GN=Dcaf8 PE=1 SV=1
Q80UW2	Fbxo2	0.945923839	-0.080204065	0.620235687	0.207443249	F-box only protein 2 OS=Mus musculus GN=Fbxo2 PE=1 SV=1
P56375	Acyp2	1.038251392	0.054155806	0.620301862	0.207396915	Acylphosphatase-2 OS=Mus musculus GN=Acyp2 PE=2 SV=2
Q63932	Map2k2	1.037725172	0.053424416	0.620560308	0.207216006	Dual specificity mitogen-activated protein kinase kinase 2 OS=Mus musculus GN=Map2k2 PE=1 SV=2
Q91WC0-3	Setd3	1.072714311	0.101265904	0.620654571	0.207150042	Isoform 3 of Histone-lysine N-methyltransferase setd3 OS=Mus musculus GN=Setd3
Q9D2R0	Aacs	0.976078279	-0.034931242	0.620669074	0.207139894	Acetoacetyl-CoA synthetase OS=Mus musculus GN=Aacs PE=2 SV=1
O88951	Lin7b	0.980642619	-0.028200633	0.620861619	0.207005187	Protein lin-7 homolog B OS=Mus musculus GN=Lin7b PE=1 SV=2
Q9CYZ2	Tpd52l2	0.926790659	-0.109684592	0.620968793	0.206930225	Tumor protein D54 OS=Mus musculus GN=Tpd52l2 PE=1 SV=1
Q8CHG7	Rapgef2	1.038944359	0.055118392	0.621395385	0.206631977	Rap guanine nucleotide exchange factor 2 OS=Mus musculus GN=Rapgef2 PE=1 SV=2
P35438-2	Grin1	1.034362689	0.048742141	0.621735916	0.206394044	Isoform 2 of Glutamate receptor ionotropic, NMDA 1 OS=Mus musculus GN=Grin1
Q8BIZ1-5	Anks1b	0.949824923	-0.074266482	0.621836362	0.206323886	Isoform 5 of Ankyrin repeat and sterile alpha motif domain-containing protein 1B OS=Mus musculus GN=Anks1b
Q61598-2	Gdi2	1.026332745	0.03749854	0.621959545	0.206237863	Isoform 2 of Rab GDP dissociation inhibitor beta OS=Mus musculus GN=Gdi2
Q3V3I2	Gnat3	1.10244004	0.140700192	0.622757351	0.205681137	Guanine nucleotide-binding protein G(t) subunit alpha-3 OS=Mus musculus GN=Gnat3 PE=1 SV=2
P50149	Gnat2	1.10244004	0.140700192	0.622757351	0.205681137	Guanine nucleotide-binding protein G(t) subunit alpha-2 OS=Mus musculus GN=Gnat2 PE=2 SV=2
P07934	Phkg1	0.931650536	-0.102139197	0.622963819	0.205537176	Phosphorylase b kinase gamma catalytic chain, skeletal muscle/heart isoform OS=Mus musculus GN=Phkg1 PE=2 SV=3
O54901	Cd200	1.059479023	0.083355024	0.623352509	0.205266288	OX-2 membrane glycoprotein OS=Mus musculus GN=Cd200 PE=1 SV=1
P97855	G3bp1	1.028775586	0.040928311	0.623418653	0.205220207	Ras GTPase-activating protein-binding protein 1 OS=Mus musculus GN=G3bp1 PE=1 SV=1
P62821	Rab1A	0.986890224	-0.019038478	0.623831722	0.204932545	Ras-related protein Rab-1A OS=Mus musculus GN=Rab1A PE=1 SV=3
P81122	Irs2	0.917797405	-0.123752367	0.62430399	0.204603889	Insulin receptor substrate 2 OS=Mus musculus GN=Irs2 PE=1 SV=2
Q99L13	Hibadh	0.941177187	-0.087461743	0.624323753	0.204590141	3-hydroxyisobutyrate dehydrogenase, mitochondrial OS=Mus musculus GN=Hibadh PE=1 SV=1
Q6P5F7	Ttyh3	1.054494005	0.076550893	0.624805633	0.204255064	Protein tweety homolog 3 OS=Mus musculus GN=Ttyh3 PE=1 SV=1
Q9WV18	Gabbr1	1.037859118	0.053610621	0.624824292	0.204242094	Gamma-aminobutyric acid type B receptor subunit 1 OS=Mus musculus GN=Gabbr1 PE=1 SV=1
P62754	Rps6	0.97230776	-0.040515059	0.625020168	0.204105968	40S ribosomal protein S6 OS=Mus musculus GN=Rps6 PE=1 SV=1
P52479	Usp10	1.032766613	0.046514267	0.625104573	0.204047324	Ubiquitin carboxyl-terminal hydrolase 10 OS=Mus musculus GN=Usp10 PE=1 SV=3
O08709	Prdx6	0.960245628	-0.058524605	0.625363516	0.20386746	Peroxiredoxin-6 OS=Mus musculus GN=Prdx6 PE=1 SV=3
Q8BYK6-2	Ythdf3	0.926881377	-0.109543381	0.625733812	0.203610377	Isoform 2 of YTH domain-containing family protein 3 OS=Mus musculus GN=Ythdf3
Q80U28-11	Madd	1.030022688	0.042676115	0.625904985	0.203491589	Isoform 11 of MAP kinase-activating death domain protein OS=Mus musculus GN=Madd
P19639	Gstm3	0.970059973	-0.043854151	0.626509141	0.203072588	Glutathione S-transferase Mu 3 OS=Mus musculus GN=Gstm3 PE=1 SV=2
P58682	Tlr8	0.956456961	-0.064228044	0.626981245	0.20274545	Toll-like receptor 8 OS=Mus musculus GN=Tlr8 PE=1 SV=2
Q80U28-13	Madd	1.030056672	0.042723715	0.627061258	0.20269003	Isoform 13 of MAP kinase-activating death domain protein OS=Mus musculus GN=Madd
Q9R020	Zranb2	1.050621599	0.071243149	0.627610095	0.20231008	Zinc finger Ran-binding domain-containing protein 2 OS=Mus musculus GN=Zranb2 PE=1 SV=2
P24638	Acp2	1.041248154	0.058313938	0.628284203	0.20184386	Lysosomal acid phosphatase OS=Mus musculus GN=Acp2 PE=2 SV=2
Q99KP6	Prpf19	1.082647341	0.11456338	0.62871649	0.201545149	Pre-mRNA-processing factor 19 OS=Mus musculus GN=Prpf19 PE=1 SV=1
Q60631-2	Grb2	0.984630134	-0.022346202	0.628760682	0.201514623	Isoform 2 of Growth factor receptor-bound protein 2 OS=Mus musculus GN=Grb2
Q8QZS1	Hibch	0.978477965	-0.031388733	0.628774474	0.201505097	3-hydroxyisobutyryl-CoA hydrolase, mitochondrial OS=Mus musculus GN=Hibch PE=1 SV=1
Q9DBS2	Tprg1l	0.951592232	-0.071584601	0.62878333	0.20149898	Tumor protein p63-regulated gene 1-like protein OS=Mus musculus GN=Tprg1l PE=1 SV=1
P50516	Atp6v1a	0.973849146	-0.038229785	0.62879341	0.201492019	V-type proton ATPase catalytic subunit A OS=Mus musculus GN=Atp6v1a PE=1 SV=2
Q9QZ73	Dcun1d1	0.957896334	-0.062058563	0.629076416	0.201296596	DCN1-like protein 1 OS=Mus musculus GN=Dcun1d1 PE=2 SV=1
O08528	Hk2	0.953427452	-0.06880493	0.629159552	0.201239206	Hexokinase-2 OS=Mus musculus GN=Hk2 PE=2 SV=1
P70392	Rasgrf2	0.950260033	-0.073605742	0.629481878	0.201016768	Ras-specific guanine nucleotide-releasing factor 2 OS=Mus musculus GN=Rasgrf2 PE=1 SV=2
P50171	Hsd17b8	0.959846938	-0.05912373	0.62949192	0.20100984	Estradiol 17-beta-dehydrogenase 8 OS=Mus musculus GN=Hsd17b8 PE=1 SV=2
D3Z4S3	Ptrhd1	1.040218371	0.056886423	0.629955311	0.200690258	Putative peptidyl-tRNA hydrolase PTRHD1 OS=Mus musculus GN=Ptrhd1 PE=3 SV=1
Q9QYR9	Acot2	1.02980591	0.042372455	0.63003051	0.200638419	Acyl-coenzyme A thioesterase 2, mitochondrial OS=Mus musculus GN=Acot2 PE=1 SV=2
P97393	Arhgap5	0.956909982	-0.06354488	0.630110218	0.200583478	Rho GTPase-activating protein 5 OS=Mus musculus GN=Arhgap5 PE=1 SV=2
P68369	Tuba1a	1.030482021	0.043319333	0.630625189	0.200228686	Tubulin alpha-1A chain OS=Mus musculus GN=Tuba1a PE=1 SV=1
P43274	Hist1h1e	0.954604545	-0.067024889	0.630772891	0.20012698	Histone H1.4 OS=Mus musculus GN=Hist1h1e PE=1 SV=2
Q9CYR6	Pgm3	0.966438147	-0.049250694	0.630952152	0.200003574	Phosphoacetylglucosamine mutase OS=Mus musculus GN=Pgm3 PE=1 SV=1
O35684	Serpini1	1.042357499	0.059850166	0.631011255	0.199962895	Neuroserpin OS=Mus musculus GN=Serpini1 PE=1 SV=1
Q3UIU2	Ndufb6	1.077810064	0.108102963	0.63120181	0.199831764	NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 6 OS=Mus musculus GN=Ndufb6 PE=1 SV=3
Q8C985	Nrxn3	1.106734835	0.146309605	0.631571509	0.19957747	Neurexin-3-beta OS=Mus musculus GN=Nrxn3 PE=1 SV=2
Q6GYP7-5	Ralgapa1	0.946955345	-0.0786317	0.631730607	0.199468081	Isoform 6 of Ral GTPase-activating protein subunit alpha-1 OS=Mus musculus GN=Ralgapa1
Q925I1-2	Atad3	1.020558979	0.02935956	0.632114375	0.199204333	Isoform 2 of ATPase family AAA domain-containing protein 3 OS=Mus musculus GN=Atad3
Q9JJZ2	Tuba8	1.028545192	0.040605185	0.63279083	0.198739823	Tubulin alpha-8 chain OS=Mus musculus GN=Tuba8 PE=1 SV=1
P08003	Pdia4	0.962283365	-0.055466306	0.632792005	0.198739017	Protein disulfide-isomerase A4 OS=Mus musculus GN=Pdia4 PE=1 SV=3
A2ASQ1-3	Agrn	1.045156802	0.063719401	0.633723926	0.198099896	Isoform 3 of Agrin OS=Mus musculus GN=Agrn
Q6ZQ08-4	Cnot1	1.100259903	0.137844357	0.633818064	0.198035387	Isoform 4 of CCR4-NOT transcription complex subunit 1 OS=Mus musculus GN=Cnot1
Q920A7	Afg3l1	0.951232235	-0.07213049	0.633910755	0.19797188	AFG3-like protein 1 OS=Mus musculus GN=Afg3l1 PE=2 SV=2
P63005	Pafah1b1	1.044248341	0.062464852	0.634136936	0.19781695	Platelet-activating factor acetylhydrolase IB subunit alpha OS=Mus musculus GN=Pafah1b1 PE=1 SV=2
Q80U28-2	Madd	1.027175209	0.038682289	0.634183156	0.197785297	Isoform 2 of MAP kinase-activating death domain protein OS=Mus musculus GN=Madd
P70696	Hist1h2ba	0.961605234	-0.056483346	0.634639541	0.197472873	Histone H2B type 1-A OS=Mus musculus GN=Hist1h2ba PE=1 SV=3
Q9Z2W1	Stk25	0.978219225	-0.031770277	0.635005731	0.197222355	Serine/threonine-protein kinase 25 OS=Mus musculus GN=Stk25 PE=1 SV=2
Q9WV02-2	Rbmx	0.972306642	-0.040516718	0.635126595	0.197139702	Isoform 2 of RNA-binding motif protein, X chromosome OS=Mus musculus GN=Rbmx
Q8BH43	Wasf2	0.919870129	-0.120497906	0.635137727	0.19713209	Wiskott-Aldrich syndrome protein family member 2 OS=Mus musculus GN=Wasf2 PE=1 SV=1
P53994	Rab2a	0.978514577	-0.031334752	0.635305856	0.197017141	Ras-related protein Rab-2A OS=Mus musculus GN=Rab2a PE=1 SV=1
P36536	Sar1a	0.969015637	-0.045408148	0.635635997	0.196791516	GTP-binding protein SAR1a OS=Mus musculus GN=Sar1a PE=2 SV=1
Q8K097	Faim2	1.064625916	0.090346591	0.635942615	0.196582071	Protein lifeguard 2 OS=Mus musculus GN=Faim2 PE=2 SV=1
P51859	Hdgf	0.984157405	-0.023039018	0.635992165	0.196548235	Hepatoma-derived growth factor OS=Mus musculus GN=Hdgf PE=1 SV=2
Q4ACU6-12	Shank3	1.124582228	0.169389152	0.636151113	0.196439708	Isoform 10 of SH3 and multiple ankyrin repeat domains protein 3 OS=Mus musculus GN=Shank3
Q3UGY8	Arfgef3	0.957900188	-0.062052758	0.637008056	0.195855075	Brefeldin A-inhibited guanine nucleotide-exchange protein 3 OS=Mus musculus GN=Arfgef3 PE=1 SV=1
Q3TXX4	Slc17a7	0.963860878	-0.05310317	0.637083268	0.195803801	Vesicular glutamate transporter 1 OS=Mus musculus GN=Slc17a7 PE=1 SV=2
P84084	Arf5	1.025636397	0.036519365	0.637177876	0.195739312	ADP-ribosylation factor 5 OS=Mus musculus GN=Arf5 PE=1 SV=2
P20060	Hexb	0.964013258	-0.052875107	0.637541581	0.195491485	Beta-hexosaminidase subunit beta OS=Mus musculus GN=Hexb PE=2 SV=2
O88983	Stx8	1.057579223	0.08076574	0.637758046	0.195344054	Syntaxin-8 OS=Mus musculus GN=Stx8 PE=1 SV=1
Q9JMH6	Txnrd1	1.132987782	0.180132303	0.637779236	0.195329624	Thioredoxin reductase 1, cytoplasmic OS=Mus musculus GN=Txnrd1 PE=1 SV=3
P35285	Rab22a	0.962379689	-0.0553219	0.637865355	0.195270986	Ras-related protein Rab-22A OS=Mus musculus GN=Rab22a PE=1 SV=2
P29341	Pabpc1	1.042004407	0.059361379	0.63801415	0.195169689	Polyadenylate-binding protein 1 OS=Mus musculus GN=Pabpc1 PE=1 SV=2
P39054	Dnm2	0.964763533	-0.051752719	0.638424989	0.194890122	Dynamin-2 OS=Mus musculus GN=Dnm2 PE=1 SV=2
Q9D6P8	Calml3	0.948226846	-0.076695856	0.639154273	0.194394303	Calmodulin-like protein 3 OS=Mus musculus GN=Calml3 PE=2 SV=1
Q8C7M3-5	Trim9	0.96149574	-0.056647629	0.639234428	0.194339843	Isoform 5 of E3 ubiquitin-protein ligase TRIM9 OS=Mus musculus GN=Trim9
Q62241	Snrpc	1.066646909	0.093082682	0.639477195	0.194174939	U1 small nuclear ribonucleoprotein C OS=Mus musculus GN=Snrpc PE=2 SV=1
Q64475	Hist1h2bb	0.962623001	-0.0549572	0.64063486	0.193389433	Histone H2B type 1-B OS=Mus musculus GN=Hist1h2bb PE=1 SV=3
Q64478	Hist1h2bh	0.9629509	-0.054465857	0.640649571	0.193379461	Histone H2B type 1-H OS=Mus musculus GN=Hist1h2bh PE=1 SV=3
Q9D2M8	Ube2v2	0.982963918	-0.024789635	0.64131251	0.192930288	Ubiquitin-conjugating enzyme E2 variant 2 OS=Mus musculus GN=Ube2v2 PE=2 SV=4
Q9CR98	Fam136a	0.947617819	-0.077622768	0.641391817	0.192876585	Protein FAM136A OS=Mus musculus GN=Fam136a PE=2 SV=1
Q8C5H8-3	Nadk2	1.045956647	0.064823055	0.641409879	0.192864355	Isoform 3 of NAD kinase 2, mitochondrial OS=Mus musculus GN=Nadk2
Q9Z0P5	Twf2	0.926952607	-0.109432516	0.641508547	0.192797553	Twinfilin-2 OS=Mus musculus GN=Twf2 PE=1 SV=1
Q8R5J9	Arl6ip5	0.965012981	-0.051379746	0.641919221	0.19251962	PRA1 family protein 3 OS=Mus musculus GN=Arl6ip5 PE=1 SV=2
Q8BYR1	Lcmt2	1.136201317	0.18421848	0.642037755	0.192439432	tRNA wybutosine-synthesizing protein 4 OS=Mus musculus GN=Lcmt2 PE=2 SV=4
Q8K0T4	Katnal1	0.971005414	-0.042448755	0.642268582	0.192283322	Katanin p60 ATPase-containing subunit A-like 1 OS=Mus musculus GN=Katnal1 PE=1 SV=1
Q60692	Psmb6	1.049365723	0.069517571	0.64231102	0.192254627	Proteasome subunit beta type-6 OS=Mus musculus GN=Psmb6 PE=1 SV=3
P68037	Ube2l3	0.964375931	-0.052332451	0.642609481	0.192052871	Ubiquitin-conjugating enzyme E2 L3 OS=Mus musculus GN=Ube2l3 PE=2 SV=1
O88746-2	Tom1	1.105329184	0.14447609	0.642775795	0.191940486	Isoform 2 of Target of Myb protein 1 OS=Mus musculus GN=Tom1
Q99JY9	Actr3	0.970807152	-0.042743358	0.642785244	0.191934101	Actin-related protein 3 OS=Mus musculus GN=Actr3 PE=1 SV=3
Q9QUP5	Hapln1	0.948428451	-0.076389154	0.643134248	0.191698363	Hyaluronan and proteoglycan link protein 1 OS=Mus musculus GN=Hapln1 PE=2 SV=1
P12658	Calb1	0.967796151	-0.047224894	0.643497239	0.191453312	Calbindin OS=Mus musculus GN=Calb1 PE=1 SV=2
P47809	Map2k4	1.031824512	0.045197625	0.644242387	0.190950705	Dual specificity mitogen-activated protein kinase kinase 4 OS=Mus musculus GN=Map2k4 PE=1 SV=2
P50153	Gng4	0.885815895	-0.174921211	0.644593016	0.190714404	Guanine nucleotide-binding protein G(I)/G(S)/G(O) subunit gamma-4 OS=Mus musculus GN=Gng4 PE=2 SV=1
Q6PFD5	Dlgap3	0.968379292	-0.046355867	0.644654859	0.19067274	Disks large-associated protein 3 OS=Mus musculus GN=Dlgap3 PE=1 SV=1
Q2TPA8	Hsdl2	1.049090336	0.069138913	0.644672221	0.190661043	Hydroxysteroid dehydrogenase-like protein 2 OS=Mus musculus GN=Hsdl2 PE=1 SV=1
Q7TSY6-7	Celf4	0.908115948	-0.139051582	0.644732402	0.190620503	Isoform 7 of CUGBP Elav-like family member 4 OS=Mus musculus GN=Celf4
Q8VCI5-2	Pex19	0.940750108	-0.088116544	0.644835078	0.190551346	Isoform 2 of Peroxisomal biogenesis factor 19 OS=Mus musculus GN=Pex19
Q99LG2	Tnpo2	0.970519919	-0.043170272	0.644959945	0.190467256	Transportin-2 OS=Mus musculus GN=Tnpo2 PE=2 SV=1
Q8BFY9	Tnpo1	0.970519919	-0.043170272	0.644959945	0.190467256	Transportin-1 OS=Mus musculus GN=Tnpo1 PE=1 SV=2
P42337	Pik3ca	1.251163732	0.323270598	0.644987793	0.190448505	Phosphatidylinositol 4,5-bisphosphate 3-kinase catalytic subunit alpha isoform OS=Mus musculus GN=Pik3ca PE=1 SV=2
Q07076	Anxa7	1.051139291	0.07195386	0.645130638	0.190352332	Annexin A7 OS=Mus musculus GN=Anxa7 PE=2 SV=2
Q9D819	Ppa1	0.98790733	-0.017552377	0.645548724	0.190070973	Inorganic pyrophosphatase OS=Mus musculus GN=Ppa1 PE=1 SV=1
Q9D6E4	Ttc9b	1.067736091	0.094555105	0.645836595	0.18987735	Tetratricopeptide repeat protein 9B OS=Mus musculus GN=Ttc9b PE=2 SV=1
Q9D6J6	Ndufv2	1.049790575	0.07010155	0.645965018	0.189791001	NADH dehydrogenase [ubiquinone] flavoprotein 2, mitochondrial OS=Mus musculus GN=Ndufv2 PE=1 SV=2
P62631	Eef1a2	0.969444699	-0.044769491	0.645989764	0.189774364	Elongation factor 1-alpha 2 OS=Mus musculus GN=Eef1a2 PE=1 SV=1
Q9Z2H5	Epb41l1	0.978707212	-0.031050764	0.646370397	0.189518542	Band 4.1-like protein 1 OS=Mus musculus GN=Epb41l1 PE=1 SV=2
Q9DCB4-2	Arpp21	1.063442494	0.088742021	0.646421959	0.189483899	Isoform 2 of cAMP-regulated phosphoprotein 21 OS=Mus musculus GN=Arpp21
Q9EPV8	Ubl5	0.950882443	-0.072661102	0.646549976	0.1893979	Ubiquitin-like protein 5 OS=Mus musculus GN=Ubl5 PE=1 SV=1
Q99L27	Gmpr2	1.029104716	0.041389791	0.646622727	0.189349035	GMP reductase 2 OS=Mus musculus GN=Gmpr2 PE=2 SV=2

Accession	Gene	Fold Change (KO vs. WT)	Log2 Fold Change	Students T Test	-Log10 T Test	Description
Q9CQE1	Nipsnap3b	1.05358991	0.075313434	0.646791318	0.189235818	Protein NipSnap homolog 3B OS=Mus musculus GN=Nipsnap3b PE=1 SV=1
Q80V26	Impad1	0.979768209	-0.029487614	0.647125433	0.189011531	Inositol monophosphatase 3 OS=Mus musculus GN=Impad1 PE=1 SV=1
P10518	Alad	1.055953997	0.078546985	0.647235902	0.188937401	Delta-aminolevulinic acid dehydratase OS=Mus musculus GN=Alad PE=1 SV=1
Q6A0A9	FAM120A	0.962290587	-0.055455478	0.647286428	0.188903499	Constitutive coactivator of PPAR-gamma-like protein 1 OS=Mus musculus GN=FAM120A PE=1 SV=2
Q32Q92	Acot6	1.041550937	0.058733396	0.647335463	0.188870601	Acyl-coenzyme A thioesterase 6 OS=Mus musculus GN=Acot6 PE=1 SV=1
Q9R0Y8	Gabrg1	0.932537448	-0.100766434	0.647973512	0.188442747	Gamma-aminobutyric acid receptor subunit gamma-1 OS=Mus musculus GN=Gabrg1 PE=2 SV=2
Q80U28-3	Madd	1.026574362	0.037838136	0.648117361	0.188346345	Isoform 3 of MAP kinase-activating death domain protein OS=Mus musculus GN=Madd
Q8C7X2-3	Emc1	0.952708737	-0.069892875	0.648143741	0.188328668	Isoform 3 of ER membrane protein complex subunit 1 OS=Mus musculus GN=Emc1
P17439	Gba	0.940642581	-0.088281453	0.648300177	0.18822386	Glucosylceramidase OS=Mus musculus GN=Gba PE=1 SV=1
P14576	Srp54	0.980927091	-0.027782185	0.648340646	0.188196751	Signal recognition particle 54 kDa protein OS=Mus musculus GN=Srp54 PE=1 SV=2
P29387	Gnb4	1.06216575	0.087008915	0.648623733	0.188007165	Guanine nucleotide-binding protein subunit beta-4 OS=Mus musculus GN=Gnb4 PE=2 SV=4
Q8VEE1	Lmcd1	1.045470544	0.064152414	0.648887478	0.187830606	LIM and cysteine-rich domains protein 1 OS=Mus musculus GN=Lmcd1 PE=1 SV=1
P17665	Cox7c	0.959755397	-0.059261327	0.649188716	0.187629037	Cytochrome c oxidase subunit 7C, mitochondrial OS=Mus musculus GN=Cox7c PE=1 SV=1
Q61771	Kif3b	1.050529973	0.071117325	0.649312848	0.187546004	Kinesin-like protein KIF3B OS=Mus musculus GN=Kif3b PE=1 SV=1
Q921E2	Rab31	0.968633041	-0.045977879	0.649920425	0.187139814	Ras-related protein Rab-31 OS=Mus musculus GN=Rab31 PE=1 SV=1
Q8BJF9	Chmp2b	1.05844461	0.081945773	0.650306124	0.186882156	Charged multivesicular body protein 2b OS=Mus musculus GN=Chmp2b PE=1 SV=1
Q9R1J0	Nsdhl	0.919229673	-0.121502726	0.650432384	0.186797844	Sterol-4-alpha-carboxylate 3-dehydrogenase, decarboxylating OS=Mus musculus GN=Nsdhl PE=2 SV=1
Q8BH59	Slc25a12	0.97123963	-0.042100805	0.650719532	0.186606158	Calcium-binding mitochondrial carrier protein Aralar1 OS=Mus musculus GN=Slc25a12 PE=1 SV=1
Q8BIZ1	Anks1b	0.95516615	-0.066176385	0.650883806	0.186496534	Ankyrin repeat and sterile alpha motif domain-containing protein 1B OS=Mus musculus GN=Anks1b PE=1 SV=3
P70441-2	Slc9a3r1	0.976586585	-0.034180134	0.651007819	0.186413795	Isoform 2 of Na(+)/H(+) exchange regulatory cofactor NHE-RF1 OS=Mus musculus GN=Slc9a3r1
P35278	Rab5c	1.019605669	0.0280113	0.651526779	0.186067729	Ras-related protein Rab-5C OS=Mus musculus GN=Rab5c PE=1 SV=2
Q8R2R9	Ap3m2	1.045487967	0.064176458	0.651744353	0.185922723	AP-3 complex subunit mu-2 OS=Mus musculus GN=Ap3m2 PE=2 SV=1
Q9D365	Spcs3	1.050800212	0.071488396	0.652225039	0.185602533	Signal peptidase complex subunit 3 OS=Mus musculus GN=Spcs3 PE=2 SV=1
Q8BU30	Iars	1.015050872	0.021552034	0.652437268	0.185461239	Isoleucine--tRNA ligase, cytoplasmic OS=Mus musculus GN=Iars PE=2 SV=2
Q6PHZ2-4	Camk2d	0.972621228	-0.040050015	0.652448755	0.185453593	Isoform 3 of Calcium/calmodulin-dependent protein kinase type II subunit delta OS=Mus musculus GN=Camk2d
P61164	Actr1a	1.032246505	0.045787534	0.652547939	0.185387577	Alpha-centractin OS=Mus musculus GN=Actr1a PE=2 SV=1
Q61233	Lcp1	0.975674247	-0.035528546	0.65344621	0.184790156	Plastin-2 OS=Mus musculus GN=Lcp1 PE=1 SV=4
Q9DC70	Ndufs7	0.973497759	-0.038750436	0.654603061	0.184021969	NADH dehydrogenase [ubiquinone] iron-sulfur protein 7, mitochondrial OS=Mus musculus GN=Ndufs7 PE=1 SV=1
Q8JZY2	Commd10	1.031758213	0.045104922	0.654749743	0.183924664	COMM domain-containing protein 10 OS=Mus musculus GN=Commd10 PE=2 SV=1
Q7TPV2-3	Dzip3	1.127243757	0.17279952	0.655518461	0.183415073	Isoform 3 of E3 ubiquitin-protein ligase DZIP3 OS=Mus musculus GN=Dzip3
Q6NZJ6-2	Eif4g1	1.014636059	0.020962339	0.655573611	0.183378537	Isoform 2 of Eukaryotic translation initiation factor 4 gamma 1 OS=Mus musculus GN=Eif4g1
P97823	Lypla1	0.953799244	-0.068242455	0.657295649	0.182239243	Acyl-protein thioesterase 1 OS=Mus musculus GN=Lypla1 PE=1 SV=1
Q8CCB4-2	Vps53	1.081466175	0.112988543	0.657615618	0.182027881	Isoform 2 of Vacuolar protein sorting-associated protein 53 homolog OS=Mus musculus GN=Vps53
Q60932	Vdac1	0.965362899	-0.050856713	0.657636383	0.182014168	Voltage-dependent anion-selective channel protein 1 OS=Mus musculus GN=Vdac1 PE=1 SV=3
Q9Z172-2	Sumo3	0.955343262	-0.065908897	0.658025292	0.181757413	Isoform 2 of Small ubiquitin-related modifier 3 OS=Mus musculus GN=Sumo3
Q6GYP7-6	Ralgapa1	0.957729577	-0.062309739	0.65811823	0.181696079	Isoform 1S of Ral GTPase-activating protein subunit alpha-1 OS=Mus musculus GN=Ralgapa1
Q8BIZ1-2	Anks1b	0.954825333	-0.066691252	0.658232314	0.181620801	Isoform 2 of Ankyrin repeat and sterile alpha motif domain-containing protein 1B OS=Mus musculus GN=Anks1b
Q62048-2	Pea15	1.062652653	0.087670104	0.658301184	0.181575364	Isoform 2 of Astrocytic phosphoprotein PEA-15 OS=Mus musculus GN=Pea15
G5E8K5-3	Ank3	1.013045893	0.018699533	0.658516206	0.181433533	Isoform 3 of Ankyrin-3 OS=Mus musculus GN=Ank3
P42209	Sept1	1.038717091	0.05480277	0.658572282	0.181396552	Septin-1 OS=Mus musculus GN=Sept1 PE=2 SV=2
Q9CR16	Ppid	0.975789599	-0.035357989	0.658595638	0.18138115	Peptidyl-prolyl cis-trans isomerase D OS=Mus musculus GN=Ppid PE=1 SV=3
Q91VK4	Itm2c	1.14563853	0.196151919	0.658945995	0.181150177	Integral membrane protein 2C OS=Mus musculus GN=Itm2c PE=2 SV=2
Q8R180	Ero1l	0.961564258	-0.056544823	0.659016904	0.181103445	ERO1-like protein alpha OS=Mus musculus GN=Ero1l PE=1 SV=2
Q8R2K1-4	Fuom	1.025030033	0.035666181	0.659150183	0.181015623	Isoform 4 of Fucose mutarotase OS=Mus musculus GN=Fuom
Q62086	Pon2	0.964108095	-0.052733186	0.659387357	0.180859384	Serum paraoxonase/arylesterase 2 OS=Mus musculus GN=Pon2 PE=1 SV=2
Q8CGU1	Calcoco1	0.875035984	-0.192585749	0.659419743	0.180838054	Calcium-binding and coiled-coil domain-containing protein 1 OS=Mus musculus GN=Calcoco1 PE=1 SV=2
Q8C7M3	Trim9	0.963515135	-0.053620766	0.659932325	0.180500599	E3 ubiquitin-protein ligase TRIM9 OS=Mus musculus GN=Trim9 PE=1 SV=2
Q6ZWU9	Rps27	0.96232686	-0.055401098	0.660248642	0.180292483	40S ribosomal protein S27 OS=Mus musculus GN=Rps27 PE=1 SV=3
O89023	Tpp1	0.919443182	-0.121167671	0.660327223	0.180240798	Tripeptidyl-peptidase 1 OS=Mus musculus GN=Tpp1 PE=1 SV=2
Q9D924	Isca1	1.028566496	0.040635066	0.660688974	0.180002941	Iron-sulfur cluster assembly 1 homolog, mitochondrial OS=Mus musculus GN=Isca1 PE=2 SV=1
Q99JF5	Mvd	1.043784157	0.061823409	0.660747453	0.179964502	Diphosphomevalonate decarboxylase OS=Mus musculus GN=Mvd PE=1 SV=2
P62876	Polr2I	1.069105358	0.096404035	0.660814507	0.179920432	DNA-directed RNA polymerases I, II, and III subunit RPABC5 OS=Mus musculus GN=Polr2I PE=2 SV=1
P58774	Tpm2	1.060384606	0.084587631	0.661103017	0.179730861	Tropomyosin beta chain OS=Mus musculus GN=Tpm2 PE=1 SV=1
Q8BIZ1-4	Anks1b	0.955291255	-0.065987437	0.661211648	0.179659504	Isoform 4 of Ankyrin repeat and sterile alpha motif domain-containing protein 1B OS=Mus musculus GN=Anks1b
Q9D0M3	Cyc1	0.954489888	-0.067198181	0.661540998	0.179443236	Cytochrome c1, heme protein, mitochondrial OS=Mus musculus GN=Cyc1 PE=1 SV=1
Q6KAR6	Exoc3	0.971893819	-0.041129389	0.661579535	0.179417938	Exocyst complex component 3 OS=Mus musculus GN=Exoc3 PE=1 SV=2
P70318	Tial1	0.96089827	-0.057544393	0.661664493	0.17936217	Nucleolysin TIAR OS=Mus musculus GN=Tial1 PE=1 SV=1
Q2M3X8	Phactr1	1.033424927	0.047433588	0.66199752	0.179143637	Phosphatase and actin regulator 1 OS=Mus musculus GN=Phactr1 PE=1 SV=1
Q6PHZ2	Camk2d	0.973787022	-0.038321821	0.662056313	0.179105069	Calcium/calmodulin-dependent protein kinase type II subunit delta OS=Mus musculus GN=Camk2d PE=1 SV=1
Q91V76		0.959663313	-0.059399754	0.662590746	0.178754634	Ester hydrolase C11orf54 homolog OS=Mus musculus PE=2 SV=1
P20444	Prkca	0.963256485	-0.054008101	0.662819153	0.178604951	Protein kinase C alpha type OS=Mus musculus GN=Prkca PE=1 SV=3
Q3UYH7	Adrbk2	0.957397118	-0.062810632	0.6629051	0.178548639	Beta-adrenergic receptor kinase 2 OS=Mus musculus GN=Adrbk2 PE=2 SV=2
Q8R016	Blmh	0.98371889	-0.023681988	0.663391129	0.17823034	Bleomycin hydrolase OS=Mus musculus GN=Blmh PE=1 SV=1
Q8HW98	Iglon5	1.155370638	0.208355736	0.663517799	0.178147423	IgLON family member 5 OS=Mus musculus GN=Iglon5 PE=2 SV=2
Q9CZX0-2	Elp3	0.905439673	-0.143309574	0.663683023	0.178039292	Isoform 2 of Elongator complex protein 3 OS=Mus musculus GN=Elp3
Q91WJ8	Fubp1	0.956906956	-0.063549443	0.663908191	0.177891973	Far upstream element-binding protein 1 OS=Mus musculus GN=Fubp1 PE=1 SV=1
Q8VDP4	Ccar2	1.046210079	0.065172573	0.664231145	0.177680765	Cell cycle and apoptosis regulator protein 2 OS=Mus musculus GN=Ccar2 PE=1 SV=2
P68373	Tuba1c	1.027600105	0.039278943	0.664429605	0.177551025	Tubulin alpha-1C chain OS=Mus musculus GN=Tuba1c PE=1 SV=1
P15209-2	Ntrk2	0.958830791	-0.060651856	0.664499798	0.177505147	Isoform GP95-TRKB of BDNF/NT-3 growth factors receptor OS=Mus musculus GN=Ntrk2
P32067	Ssb	1.01060034	0.015212571	0.665229986	0.177028182	Lupus La protein homolog OS=Mus musculus GN=Ssb PE=1 SV=1
Q9CQ48	Nudcd2	0.883783404	-0.178235256	0.665437153	0.176892955	NudC domain-containing protein 2 OS=Mus musculus GN=Nudcd2 PE=1 SV=1
Q9DB41	Slc25a18	1.033934479	0.048144765	0.666106354	0.176456424	Mitochondrial glutamate carrier 2 OS=Mus musculus GN=Slc25a18 PE=2 SV=4
Q920N7	Syt12	0.943753147	-0.083518545	0.666562562	0.176159082	Synaptotagmin-12 OS=Mus musculus GN=Syt12 PE=2 SV=1
Q8C7X2	Emc1	0.924573937	-0.1131394	0.666639896	0.176108699	ER membrane protein complex subunit 1 OS=Mus musculus GN=Emc1 PE=1 SV=1
Q8C7X2-2	Emc1	0.924573937	-0.1131394	0.666639896	0.176108699	Isoform 2 of ER membrane protein complex subunit 1 OS=Mus musculus GN=Emc1
P17047-3	Lamp2	0.980046356	-0.029078106	0.666964295	0.175897415	Isoform LAMP-2C of Lysosome-associated membrane glycoprotein 2 OS=Mus musculus GN=Lamp2
Q9JJC6	Rilpl1	1.10245598	0.140721052	0.666969863	0.175893789	RILP-like protein 1 OS=Mus musculus GN=Rilpl1 PE=2 SV=1
Q3URE9	Lingo2	0.961738192	-0.056283884	0.666996925	0.175876168	Leucine-rich repeat and immunoglobulin-like domain-containing nogo receptor-interacting protein 2 OS=Mus musculus GN=Lingo2 PE=2 SV=1
Q9CY27	Tecr	1.014979398	0.021450443	0.667006394	0.175870003	Very-long-chain enoyl-CoA reductase OS=Mus musculus GN=Tecr PE=1 SV=1
P30416	Fkbp4	1.029239692	0.041579001	0.667464415	0.175571883	Peptidyl-prolyl cis-trans isomerase FKBP4 OS=Mus musculus GN=Fkbp4 PE=1 SV=5
P01942	Hba	1.044616768	0.062973766	0.667468312	0.175569347	Hemoglobin subunit alpha OS=Mus musculus GN=Hba PE=1 SV=2
Q80U40	Rimbp2	1.067394568	0.094093574	0.668012192	0.175215611	RIMS-binding protein 2 OS=Mus musculus GN=Rimbp2 PE=1 SV=3
Q8CCP0-3	Nemf	0.899753646	-0.152398052	0.668062099	0.175183166	Isoform 3 of Nuclear export mediator factor Nemf OS=Mus musculus GN=Nemf
Q6A4J8-3	Usp7	0.972875484	-0.039672926	0.668207932	0.175088374	Isoform 3 of Ubiquitin carboxyl-terminal hydrolase 7 OS=Mus musculus GN=Usp7
P51863	Atp6v0d1	0.972437904	-0.040321966	0.668383305	0.174974406	V-type proton ATPase subunit d 1 OS=Mus musculus GN=Atp6v0d1 PE=1 SV=2
Q8C3Q5	Shisa7	0.893298304	-0.162786072	0.66858447	0.174843715	Protein shisa-7 OS=Mus musculus GN=Shisa7 PE=1 SV=3
Q9ESE1-3	Lrba	0.953615794	-0.068519964	0.668693243	0.174773065	Isoform 3 of Lipopolysaccharide-responsive and beige-like anchor protein OS=Mus musculus GN=Lrba
Q60631	Grb2	0.986879037	-0.019054833	0.668724345	0.174752866	Growth factor receptor-bound protein 2 OS=Mus musculus GN=Grb2 PE=1 SV=1
Q8BWS5	Gprin3	1.075786811	0.105392207	0.669003977	0.1745713	G protein-regulated inducer of neurite outgrowth 3 OS=Mus musculus GN=Gprin3 PE=1 SV=1
P60840-3	Ensa	0.940838148	-0.087981537	0.669137278	0.174484774	Isoform 3 of Alpha-endosulfine OS=Mus musculus GN=Ensa
P32921	Wars	1.019577392	0.027971289	0.669164642	0.174467015	Tryptophan--tRNA ligase, cytoplasmic OS=Mus musculus GN=Wars PE=1 SV=2
Q9D1L0	Chchd2	1.037215913	0.052716245	0.669167989	0.174464843	Coiled-coil-helix-coiled-coil-helix domain-containing protein 2, mitochondrial OS=Mus musculus GN=Chchd2 PE=2 SV=1
P28659-3	Celf1	1.036035802	0.051073858	0.669303481	0.174376916	Isoform 3 of CUGBP Elav-like family member 1 OS=Mus musculus GN=Celf1
Q9QZ23	Nfu1	0.986344247	-0.019836841	0.670160698	0.173821045	NFU1 iron-sulfur cluster scaffold homolog, mitochondrial OS=Mus musculus GN=Nfu1 PE=1 SV=2
Q9ET30	Tm9sf3	1.044244809	0.062459972	0.670248402	0.173764213	Transmembrane 9 superfamily member 3 OS=Mus musculus GN=Tm9sf3 PE=1 SV=1
O55060	Tpmt	0.949468153	-0.074808484	0.670507903	0.173596099	Thiopurine S-methyltransferase OS=Mus musculus GN=Tpmt PE=1 SV=1
Q9DBZ5	Eif3k	0.972253383	-0.040595746	0.670918905	0.173329971	Eukaryotic translation initiation factor 3 subunit K OS=Mus musculus GN=Eif3k PE=1 SV=1
Q9QZ88	Vps29	0.978795957	-0.030919952	0.67095746	0.173305014	Vacuolar protein sorting-associated protein 29 OS=Mus musculus GN=Vps29 PE=1 SV=1
Q3TY60	Fam131b	0.970286246	-0.043517673	0.671008321	0.173272094	Protein FAM131B OS=Mus musculus GN=Fam131b PE=1 SV=1
Q80Z38-2	Shank2	1.021798122	0.031110189	0.671011117	0.173270285	Isoform 2 of SH3 and multiple ankyrin repeat domains protein 2 OS=Mus musculus GN=Shank2
Q80Z38	Shank2	1.021798122	0.031110189	0.671011117	0.173270285	SH3 and multiple ankyrin repeat domains protein 2 OS=Mus musculus GN=Shank2 PE=1 SV=2
Q9D0R2	Tars	0.943315722	-0.084187383	0.671119182	0.173200348	Threonine--tRNA ligase, cytoplasmic OS=Mus musculus GN=Tars PE=1 SV=2
Q8BZ98	Dnm3	0.990465137	-0.0138219	0.671207996	0.173142879	Dynamin-3 OS=Mus musculus GN=Dnm3 PE=1 SV=1
Q8CCK0	H2afy2	1.021692185	0.030960608	0.671656645	0.172852684	Core histone macro-H2A.2 OS=Mus musculus GN=H2afy2 PE=1 SV=3
O35864	Cops5	0.958917409	-0.060521532	0.671683128	0.172835561	COP9 signalosome complex subunit 5 OS=Mus musculus GN=Cops5 PE=1 SV=3
Q920P3-2	Brinp1	0.905320133	-0.143500057	0.671684337	0.172834779	Isoform 2 of BMP/retinoic acid-inducible neural-specific protein 1 OS=Mus musculus GN=Brinp1
Q63850	Nup62	1.119126176	0.162372702	0.671852936	0.172725781	Nuclear pore glycoprotein p62 OS=Mus musculus GN=Nup62 PE=1 SV=2
Q9DBL1	Acadsb	1.028906664	0.041112116	0.672102412	0.172564546	Short/branched chain specific acyl-CoA dehydrogenase, mitochondrial OS=Mus musculus GN=Acadsb PE=1 SV=1
P55821	Stmn2	0.947154118	-0.078328899	0.672334144	0.172414833	Stathmin-2 OS=Mus musculus GN=Stmn2 PE=1 SV=1
Q80U56	Avl9	0.889216892	-0.16939274	0.672968933	0.172004984	Late secretory pathway protein AVL9 homolog OS=Mus musculus GN=Avl9 PE=2 SV=2
Q9ERB0	Snap29	1.032971407	0.04680032	0.673505877	0.17165861	Synaptosomal-associated protein 29 OS=Mus musculus GN=Snap29 PE=2 SV=1
P47911	Rpl6	0.980004244	-0.029140097	0.674088748	0.171282922	60S ribosomal protein L6 OS=Mus musculus GN=Rpl6 PE=1 SV=3
Q9EPJ9	Arfgap1	0.945804393	-0.080386252	0.674141056	0.171249223	ADP-ribosylation factor GTPase-activating protein 1 OS=Mus musculus GN=Arfgap1 PE=1 SV=2
Q9D1J3	Sarnp	0.872344368	-0.197030328	0.67426628	0.171168559	SAP domain-containing ribonucleoprotein OS=Mus musculus GN=Sarnp PE=1 SV=3
Q9D173	Tomm7	0.919355043	-0.121305976	0.67430435	0.171144038	Mitochondrial import receptor subunit TOM7 homolog OS=Mus musculus GN=Tomm7 PE=3 SV=1
P13595	Ncam1	1.01785653	0.025534223	0.674390706	0.171088423	Neural cell adhesion molecule 1 OS=Mus musculus GN=Ncam1 PE=1 SV=3
Q8CIP4	Mark4	1.024499725	0.034919597	0.674559154	0.17097996	MAP/microtubule affinity-regulating kinase 4 OS=Mus musculus GN=Mark4 PE=1 SV=1

Accession	Gene	Fold Change (KO vs. WT)	Log2 Fold Change	Students T Test	-Log10 T Test	Description
Q6PDM2-3	Srsf1	0.946988844	-0.078580664	0.674731217	0.170869196	Isoform 3 of Serine/arginine-rich splicing factor 1 OS=Mus musculus GN=Srsf1
Q8BGQ7	Aars	1.023369037	0.033326489	0.675176985	0.17058237	Alanine--tRNA ligase, cytoplasmic OS=Mus musculus GN=Aars PE=1 SV=1
Q9JLJ2	Aldh9a1	0.970222436	-0.043612554	0.675308688	0.170497663	4-trimethylaminobutyraldehyde dehydrogenase OS=Mus musculus GN=Aldh9a1 PE=1 SV=1
P63101	Ywhaz	0.962333516	-0.05539112	0.675816176	0.170171417	14-3-3 protein zeta/delta OS=Mus musculus GN=Ywhaz PE=1 SV=1
Q9EPW0	Inpp4a	0.983977377	-0.023302948	0.676323652	0.169845424	Type I inositol 3,4-bisphosphate 4-phosphatase OS=Mus musculus GN=Inpp4a PE=2 SV=1
Q9WUH1	Tmem115	0.965792637	-0.05021463	0.676610752	0.169661105	Transmembrane protein 115 OS=Mus musculus GN=Tmem115 PE=1 SV=1
Q03173-2	Enah	0.905027481	-0.143966494	0.676955679	0.169439764	Isoform 1 of Protein enabled homolog OS=Mus musculus GN=Enah
Q9R0N5	Syt5	0.938297426	-0.091882788	0.677000659	0.169410908	Synaptotagmin-5 OS=Mus musculus GN=Syt5 PE=1 SV=1
Q9Z110	Aldh18a1	0.943229515	-0.084319231	0.677081839	0.169358835	Delta-1-pyrroline-5-carboxylate synthase OS=Mus musculus GN=Aldh18a1 PE=1 SV=2
Q99J08	Sec14l2	0.973265562	-0.039094588	0.677372121	0.169172682	SEC14-like protein 2 OS=Mus musculus GN=Sec14l2 PE=1 SV=1
Q9R0Q6	Arpc1a	0.976147684	-0.034828662	0.67759192	0.169031781	Actin-related protein 2/3 complex subunit 1A OS=Mus musculus GN=Arpc1a PE=1 SV=1
Q8C5Q4	Grsf1	1.052755773	0.074170787	0.677812632	0.168890342	G-rich sequence factor 1 OS=Mus musculus GN=Grsf1 PE=1 SV=2
Q8CGP6	Hist1h2ah	0.973174107	-0.03923016	0.677869152	0.168854129	Histone H2A type 1-H OS=Mus musculus GN=Hist1h2ah PE=1 SV=3
Q9D394-4	Rufy3	0.984924938	-0.021914315	0.677904294	0.168831615	Isoform 4 of Protein RUFY3 OS=Mus musculus GN=Rufy3
Q3TC72	Fahd2	0.91938812	-0.121254071	0.677925149	0.168818255	Fumarylacetoacetate hydrolase domain-containing protein 2A OS=Mus musculus GN=Fahd2 PE=1 SV=1
Q8BZN6-3	Dock10	1.046707986	0.065859011	0.678018336	0.168758561	Isoform 3 of Dedicator of cytokinesis protein 10 OS=Mus musculus GN=Dock10
Q91Z49	Fyttd1	0.969809486	-0.04422673	0.678039774	0.16874483	UAP56-interacting factor OS=Mus musculus GN=Fyttd1 PE=1 SV=1
P63028	Tpt1	1.052713917	0.074113426	0.678142242	0.168679202	Translationally-controlled tumor protein OS=Mus musculus GN=Tpt1 PE=1 SV=1
Q9DBR0	Akap8	0.945040446	-0.08155202	0.678181931	0.168653786	A-kinase anchor protein 8 OS=Mus musculus GN=Akap8 PE=1 SV=1
Q8BL65-3	Ablim2	0.982905496	-0.024875383	0.67822775	0.168624445	Isoform 3 of Actin-binding LIM protein 2 OS=Mus musculus GN=Ablim2
Q64522	Hist2h2ab	0.955521085	-0.065640386	0.678618244	0.168374469	Histone H2A type 2-B OS=Mus musculus GN=Hist2h2ab PE=1 SV=3
P97461	Rps5	1.077578319	0.107792729	0.67889241	0.168199047	40S ribosomal protein S5 OS=Mus musculus GN=Rps5 PE=1 SV=3
Q99PV0	Prpf8	1.036218902	0.051328806	0.679012678	0.168122117	Pre-mRNA-processing-splicing factor 8 OS=Mus musculus GN=Prpf8 PE=1 SV=2
Q92OP5-2	Ak5	1.027467711	0.039093057	0.679315593	0.167928417	Isoform 2 of Adenylate kinase isoenzyme 5 OS=Mus musculus GN=Ak5
Q9CZU6	Cs	0.982995887	-0.024742715	0.679397884	0.16787581	Citrate synthase, mitochondrial OS=Mus musculus GN=Cs PE=1 SV=1
Q91WS0	Cisd1	0.967953651	-0.046990126	0.679577211	0.167761193	CDGSH iron-sulfur domain-containing protein 1 OS=Mus musculus GN=Cisd1 PE=1 SV=1
Q9CQY1	Atg12	1.021944427	0.031316745	0.679597165	0.167748441	Ubiquitin-like protein ATG12 OS=Mus musculus GN=Atg12 PE=1 SV=1
O88485	Dync1i1	1.026255699	0.037390234	0.679645764	0.167717385	Cytoplasmic dynein 1 intermediate chain 1 OS=Mus musculus GN=Dync1i1 PE=1 SV=2
Q8JZZ7	Lphn2	1.074740669	0.103988585	0.680286814	0.167307947	Latrophilin-2 (Fragment) OS=Mus musculus GN=Lphn2 PE=1 SV=2
P51410	Rpl9	0.958864721	-0.060600804	0.680719183	0.167032011	60S ribosomal protein L9 OS=Mus musculus GN=Rpl9 PE=1 SV=2
Q6DFY8	Brinp2	0.938650659	-0.09133977	0.680763093	0.167003997	BMP/retinoic acid-inducible neural-specific protein 2 OS=Mus musculus GN=Brinp2 PE=2 SV=1
Q4KUS2	Unc13a	1.029665062	0.042175121	0.680792756	0.166985074	Protein unc-13 homolog A OS=Mus musculus GN=Unc13a PE=1 SV=3
P61922	Abat	0.984665608	-0.022294225	0.681061556	0.166813634	4-aminobutyrate aminotransferase, mitochondrial OS=Mus musculus GN=Abat PE=1 SV=1
Q9D4H1	Exoc2	0.967703302	-0.047363311	0.681103731	0.16678674	Exocyst complex component 2 OS=Mus musculus GN=Exoc2 PE=1 SV=1
Q80TM9-3	Nisch	0.978829529	-0.03087047	0.681134876	0.166766882	Isoform 3 of Nischarin OS=Mus musculus GN=Nisch
P05213	Tuba1b	1.025737616	0.036661736	0.681324209	0.166646179	Tubulin alpha-1B chain OS=Mus musculus GN=Tuba1b PE=1 SV=2
P23591	Tsta3	0.947238959	-0.078199676	0.68378841	0.165078265	GDP-L-fucose synthase OS=Mus musculus GN=Tsta3 PE=2 SV=3
Q61656	Ddx5	1.033242532	0.047178936	0.684791492	0.164441644	Probable ATP-dependent RNA helicase DDX5 OS=Mus musculus GN=Ddx5 PE=1 SV=2
Q8BGR6	Arl15	0.903200834	-0.146881277	0.684969519	0.164328754	ADP-ribosylation factor-like protein 15 OS=Mus musculus GN=Arl15 PE=2 SV=1
Q91YN5-3	Uap1	0.952520942	-0.070177284	0.685881553	0.163750878	Isoform 3 of UDP-N-acetylhexosamine pyrophosphorylase OS=Mus musculus GN=Uap1
Q8BVE3	Atp6v1h	1.015652272	0.022406552	0.68611369	0.163603915	V-type proton ATPase subunit H OS=Mus musculus GN=Atp6v1h PE=1 SV=1
Q3UM45	Ppp1r7	1.01248875	0.017905878	0.686384506	0.163432528	Protein phosphatase 1 regulatory subunit 7 OS=Mus musculus GN=Ppp1r7 PE=1 SV=2
P83510	Tnik	0.958129519	-0.061707403	0.686800542	0.163169371	Traf2 and NCK-interacting protein kinase OS=Mus musculus GN=Tnik PE=1 SV=2
Q9D0F9	Pgm1	0.970609157	-0.043037623	0.687220945	0.162903613	Phosphoglucomutase-1 OS=Mus musculus GN=Pgm1 PE=1 SV=4
P17182	Eno1	0.973741066	-0.038389909	0.687260373	0.162878696	Alpha-enolase OS=Mus musculus GN=Eno1 PE=1 SV=3
Q91WK2	Eif3h	1.021695454	0.030965223	0.687369327	0.162809851	Eukaryotic translation initiation factor 3 subunit H OS=Mus musculus GN=Eif3h PE=1 SV=1
Q99MI1-4	Erc1	1.030891241	0.043892136	0.68781811	0.162526394	Isoform 3 of ELKS/Rab6-interacting/CAST family member 1 OS=Mus musculus GN=Erc1
Q9JIQ3	Diablo	0.948295982	-0.076590672	0.687912869	0.162466566	Diablo homolog, mitochondrial OS=Mus musculus GN=Diablo PE=1 SV=2
O55125	Nipsnap1	0.976311686	-0.034586295	0.688135459	0.162326063	Protein NipSnap homolog 1 OS=Mus musculus GN=Nipsnap1 PE=1 SV=1
Q6NS52-2	Dgkb	0.963271057	-0.053986276	0.688521543	0.162082467	Isoform 2 of Diacylglycerol kinase beta OS=Mus musculus GN=Dgkb
Q9CQJ3	Gmfb	0.975989406	-0.035062607	0.688608471	0.162027639	Glia maturation factor beta OS=Mus musculus GN=Gmfb PE=1 SV=3
P25444	Rps2	1.014532772	0.020815468	0.689112884	0.16170963	40S ribosomal protein S2 OS=Mus musculus GN=Rps2 PE=2 SV=3
Q6PAK3	Prmt8	1.013106433	0.018785747	0.689125021	0.161701981	Protein arginine N-methyltransferase 8 OS=Mus musculus GN=Prmt8 PE=2 SV=2
P46660	Ina	0.959126907	-0.060206377	0.689554292	0.161431534	Alpha-internexin OS=Mus musculus GN=Ina PE=1 SV=3
P81117	Nucb2	1.063393362	0.088675366	0.689858151	0.1612402	Nucleobindin-2 OS=Mus musculus GN=Nucb2 PE=1 SV=2
Q9ERT9	Ppp1r1a	1.110813044	0.151616024	0.690077568	0.161102089	Protein phosphatase 1 regulatory subunit 1A OS=Mus musculus GN=Ppp1r1a PE=2 SV=1
P54775	Psmc4	1.010921482	0.015670948	0.690560638	0.16079818	26S protease regulatory subunit 6B OS=Mus musculus GN=Psmc4 PE=1 SV=2
Q3UUI3	Them4	0.983579579	-0.023886313	0.690564915	0.16079549	Acyl-coenzyme A thioesterase THEM4 OS=Mus musculus GN=Them4 PE=1 SV=1
A2AN08-4	Ubr4	1.041013508	0.057988789	0.69070717	0.160706036	Isoform 4 of E3 ubiquitin-protein ligase UBR4 OS=Mus musculus GN=Ubr4
Q9CWU9	Nup37	0.944999725	-0.081614186	0.690765986	0.160669056	Nucleoporin Nup37 OS=Mus musculus GN=Nup37 PE=2 SV=2
P60202	Plp1	0.930911224	-0.103284503	0.691214011	0.160387467	Myelin proteolipid protein OS=Mus musculus GN=Plp1 PE=1 SV=2
Q3U2A8	Vars2	0.927399251	-0.108737534	0.691441559	0.160244521	Valine--tRNA ligase, mitochondrial OS=Mus musculus GN=Vars2 PE=1 SV=2
Q8R3H7	Hs2st1	0.975700246	-0.035490103	0.691482081	0.16021907	Heparan sulfate 2-O-sulfotransferase 1 OS=Mus musculus GN=Hs2st1 PE=1 SV=2
Q9CQN7	Mrpl41	0.966115813	-0.049731952	0.691495866	0.160210412	39S ribosomal protein L41, mitochondrial OS=Mus musculus GN=Mrpl41 PE=2 SV=1
P49615	Cdk5	0.963154558	-0.054160768	0.691608996	0.160139367	Cyclin-dependent kinase 5 OS=Mus musculus GN=Cdk5 PE=1 SV=1
Q8C437-4	Pex5l	0.979808273	-0.029428623	0.691789071	0.160026304	Isoform 4 of PEX5-related protein OS=Mus musculus GN=Pex5l
Q99KX1	Mlf2	1.075205658	0.104612635	0.691922545	0.159942519	Myeloid leukemia factor 2 OS=Mus musculus GN=Mlf2 PE=1 SV=1
Q8BJY1	Psmd5	0.970392042	-0.043360376	0.692298877	0.159706373	26S proteasome non-ATPase regulatory subunit 5 OS=Mus musculus GN=Psmd5 PE=1 SV=4
Q8BWM0	Ptges2	0.976012956	-0.035027796	0.692419473	0.159630727	Prostaglandin E synthase 2 OS=Mus musculus GN=Ptges2 PE=1 SV=3
Q9DBC0	Selo	1.029819669	0.04239173	0.692683482	0.159465168	Selenoprotein O OS=Mus musculus GN=Selo PE=2 SV=4
Q5SWU9	Acaca	0.943738538	-0.083540878	0.692710974	0.159447932	Acetyl-CoA carboxylase 1 OS=Mus musculus GN=Acaca PE=1 SV=1
Q9ZOH4-2	Celf2	1.030743229	0.043684984	0.692881598	0.159340973	Isoform 2 of CUGBP Elav-like family member 2 OS=Mus musculus GN=Celf2
Q3TC33	Ccdc127	0.957834373	-0.062151885	0.693160593	0.159166135	Coiled-coil domain-containing protein 127 OS=Mus musculus GN=Ccdc127 PE=2 SV=2
P0CW03	Ly6c2	0.953470399	-0.068739944	0.693284506	0.159088505	Lymphocyte antigen 6C2 OS=Mus musculus GN=Ly6c2 PE=1 SV=1
Q8BGX2		1.042284025	0.05974847	0.693523229	0.158938988	Uncharacterized protein C19orf52 homolog OS=Mus musculus PE=2 SV=1
Q8BGD8	Coa6	1.050683607	0.071328295	0.693599743	0.158891076	Cytochrome c oxidase assembly factor 6 homolog OS=Mus musculus GN=Coa6 PE=3 SV=1
Q3UUI3-2	Them4	0.98372932	-0.023666693	0.693729892	0.158809592	Isoform 2 of Acyl-coenzyme A thioesterase THEM4 OS=Mus musculus GN=Them4
Q9DBG3	Ap2b1	0.994540602	-0.007897825	0.694065502	0.158599541	AP-2 complex subunit beta OS=Mus musculus GN=Ap2b1 PE=1 SV=1
Q9QZ10	Anxa10	0.969092083	-0.045294338	0.694215099	0.158505945	Annexin A10 OS=Mus musculus GN=Anxa10 PE=2 SV=2
P97372	Psme2	1.061330199	0.085873575	0.694593517	0.158269274	Proteasome activator complex subunit 2 OS=Mus musculus GN=Psme2 PE=2 SV=4
Q80UJ7	Rab3gap1	0.968704228	-0.045871857	0.694777654	0.158154158	Rab3 GTPase-activating protein catalytic subunit OS=Mus musculus GN=Rab3gap1 PE=2 SV=4
Q8BX94	Osbpl2	0.955856719	-0.065133717	0.694910937	0.158070853	Oxysterol-binding protein-related protein 2 OS=Mus musculus GN=Osbpl2 PE=2 SV=1
O08919	Numbl	1.027468429	0.039094065	0.695009757	0.158009098	Numb-like protein OS=Mus musculus GN=Numbl PE=1 SV=3
Q8R361	Rab11fip5	0.977122702	-0.033388355	0.695125584	0.157936727	Rab11 family-interacting protein 5 OS=Mus musculus GN=Rab11fip5 PE=1 SV=2
Q9CPQ3	Tomm22	1.062144105	0.086979515	0.695737573	0.157554542	Mitochondrial import receptor subunit TOM22 homolog OS=Mus musculus GN=Tomm22 PE=2 SV=3
Q9JHS3	Lamtor2	0.932817211	-0.100333687	0.696333825	0.157182508	Ragulator complex protein LAMTOR2 OS=Mus musculus GN=Lamtor2 PE=1 SV=1
P84091	Ap2m1	0.986347248	-0.019832452	0.696625716	0.157000497	AP-2 complex subunit mu OS=Mus musculus GN=Ap2m1 PE=1 SV=1
Q99NB8	Ubqln4	1.045599532	0.064330401	0.696942684	0.156802937	Ubiquilin-4 OS=Mus musculus GN=Ubqln4 PE=1 SV=1
Q8C460	Eri3	0.962888388	-0.054559515	0.697049677	0.15673627	ERI1 exoribonuclease 3 OS=Mus musculus GN=Eri3 PE=1 SV=1
Q60987	Foxg1	1.041536321	0.05871315	0.697195197	0.156645614	Forkhead box protein G1 OS=Mus musculus GN=Foxg1 PE=2 SV=1
Q8CGP5	Hist1h2af	0.974864556	-0.036726305	0.69723557	0.156620465	Histone H2A type 1-F OS=Mus musculus GN=Hist1h2af PE=1 SV=3
Q8CCF0-3	Prpf31	1.045049713	0.063571573	0.69758103	0.156405338	Isoform 3 of U4/U6 small nuclear ribonucleoprotein Prp31 OS=Mus musculus GN=Prpf31
Q7TSI3	Ppp6r1	1.026371577	0.037553124	0.697637982	0.156369883	Serine/threonine-protein phosphatase 6 regulatory subunit 1 OS=Mus musculus GN=Ppp6r1 PE=1 SV=1
P05201	Got1	0.976639227	-0.034102369	0.69772819	0.15631373	Aspartate aminotransferase, cytoplasmic OS=Mus musculus GN=Got1 PE=1 SV=3
P25976	Ubtf	1.054054545	0.075949525	0.697977749	0.156158422	Nucleolar transcription factor 1 OS=Mus musculus GN=Ubtf PE=1 SV=1
Q9JKL4	Ndufaf3	1.035202253	0.049912662	0.698748154	0.155679327	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex assembly factor 3 OS=Mus musculus GN=Ndufaf3 PE=2 SV=1
Q80Z24	Negr1	0.983838351	-0.023506801	0.698765842	0.155668333	Neuronal growth regulator 1 OS=Mus musculus GN=Negr1 PE=1 SV=1
Q9CYH2	Fam213a	0.969841296	-0.044179409	0.698808265	0.155641967	Redox-regulatory protein FAM213A OS=Mus musculus GN=Fam213a PE=1 SV=2
O08579	Emd	0.946266538	-0.079681485	0.699515575	0.155202612	Emerin OS=Mus musculus GN=Emd PE=1 SV=1
Q5M8N0	Cnrip1	1.031860924	0.045248534	0.699574267	0.155166174	CB1 cannabinoid receptor-interacting protein 1 OS=Mus musculus GN=Cnrip1 PE=1 SV=1
P60229	Eif3e	0.969365938	-0.044886706	0.699694604	0.155091476	Eukaryotic translation initiation factor 3 subunit E OS=Mus musculus GN=Eif3e PE=1 SV=1
Q6WQJ1	Dagla	1.05281426	0.074250935	0.700066753	0.154860547	Sn1-specific diacylglycerol lipase alpha OS=Mus musculus GN=Dagla PE=1 SV=2
P00405	Mtco2	0.973312877	-0.039024452	0.7002452	0.15474986	Cytochrome c oxidase subunit 2 OS=Mus musculus GN=Mtco2 PE=1 SV=1
Q9D1R9	Rpl34	0.969710115	-0.044374563	0.700931675	0.154324314	60S ribosomal protein L34 OS=Mus musculus GN=Rpl34 PE=1 SV=2
Q3UJP5		1.083878654	0.116203249	0.701161163	0.154182147	Protein C8orf37 homolog OS=Mus musculus PE=1 SV=1
Q8K0E8	Fgb	0.909443349	-0.136944322	0.701716057	0.153838586	Fibrinogen beta chain OS=Mus musculus GN=Fgb PE=2 SV=1
O55023	Impa1	1.014364542	0.020576221	0.701886007	0.153733416	Inositol monophosphatase 1 OS=Mus musculus GN=Impa1 PE=1 SV=1
P97822	Anp32e	1.032099902	0.045582624	0.701968101	0.153682623	Acidic leucine-rich nuclear phosphoprotein 32 family member E OS=Mus musculus GN=Anp32e PE=1 SV=2
Q99JF8	Psip1	0.980567356	-0.028311361	0.702142521	0.153574725	PC4 and SFRS1-interacting protein OS=Mus musculus GN=Psip1 PE=1 SV=1
O08810	Eftud2	1.034209059	0.048527847	0.70268103	0.153241771	116 kDa U5 small nuclear ribonucleoprotein component OS=Mus musculus GN=Eftud2 PE=2 SV=1
E9Q8I9	Fry	1.087039125	0.120403867	0.703262812	0.152882347	Protein furry homolog OS=Mus musculus GN=Fry PE=1 SV=1
P27546-4	Map4	0.980033212	-0.029097454	0.703606686	0.152670042	Isoform 4 of Microtubule-associated protein 4 OS=Mus musculus GN=Map4
O08532-5	Cacna2d1	1.009101959	0.013071951	0.704264876	0.152263971	Isoform 2E of Voltage-dependent calcium channel subunit alpha-2/delta-1 OS=Mus musculus GN=Cacna2d1
Q8BYN5	Fsd1l	1.119624437	0.16301488	0.704518261	0.152107746	FSD1-like protein OS=Mus musculus GN=Fsd1l PE=2 SV=2
Q9D0K2	Oxct1	0.977573583	-0.032722796	0.704679877	0.15200813	Succinyl-CoA:3-ketoacid coenzyme A transferase 1, mitochondrial OS=Mus musculus GN=Oxct1 PE=1 SV=1
Q6DFW4	Nop58	0.976485156	-0.034329982	0.705043309	0.151784205	Nucleolar protein 58 OS=Mus musculus GN=Nop58 PE=1 SV=1
P28271	Aco1	0.972414891	-0.040356109	0.705906032	0.151253107	Cytoplasmic aconitate hydratase OS=Mus musculus GN=Aco1 PE=1 SV=3

Accession	Gene	Fold Change (KO vs. WT)	Log2 Fold Change	Students T Test	-Log10 T Test	Description
Q9CZ42	Carkd	1.018480301	0.026418077	0.70622212	0.151058684	ATP-dependent (S)-NAD(P)H-hydrate dehydratase OS=Mus musculus GN=Carkd PE=1 SV=1
O54940	Bnip2	1.10290197	0.141304565	0.706272929	0.15102744	BCL2/adenovirus E1B 19 kDa protein-interacting protein 2 OS=Mus musculus GN=Bnip2 PE=1 SV=2
Q02111	Prkcq	1.067519228	0.094262056	0.706520553	0.1508752	Protein kinase C theta type OS=Mus musculus GN=Prkcq PE=1 SV=1
Q6P5F9	Xpo1	1.031388654	0.044588079	0.706728684	0.150747282	Exportin-1 OS=Mus musculus GN=Xpo1 PE=1 SV=1
P43006	Slc1a2	0.976913747	-0.033696905	0.707100671	0.150518751	Excitatory amino acid transporter 2 OS=Mus musculus GN=Slc1a2 PE=1 SV=1
G5E870	Trip12	0.97243638	-0.040324227	0.707785531	0.15009832	E3 ubiquitin-protein ligase TRIP12 OS=Mus musculus GN=Trip12 PE=1 SV=1
Q9CU62	Smc1a	0.95985761	-0.05910769	0.707829388	0.15007141	Structural maintenance of chromosomes protein 1A OS=Mus musculus GN=Smc1a PE=1 SV=4
Q99LD8	Ddah2	0.956269776	-0.064510416	0.708151404	0.149873879	N(G),N(G)-dimethylarginine dimethylaminohydrolase 2 OS=Mus musculus GN=Ddah2 PE=1 SV=1
Q8R1F1	Fam129b	0.929070481	-0.106140048	0.70834179	0.149757135	Niban-like protein 1 OS=Mus musculus GN=Fam129b PE=2 SV=2
Q9CSU0-2	Rprd1b	0.960171421	-0.058636099	0.70838551	0.149730331	Isoform 2 of Regulation of nuclear pre-mRNA domain-containing protein 1B OS=Mus musculus GN=Rprd1b
P34152-3	Ptk2	0.97133941	-0.041952598	0.708397862	0.149722758	Isoform 3 of Focal adhesion kinase 1 OS=Mus musculus GN=Ptk2
Q9WUC3	Ly6h	1.073712529	0.102607784	0.70887453	0.149430628	Lymphocyte antigen 6H OS=Mus musculus GN=Ly6h PE=2 SV=2
Q61990	Pcbp2	1.015020453	0.021508798	0.708971257	0.149371372	Poly(rC)-binding protein 2 OS=Mus musculus GN=Pcbp2 PE=1 SV=1
P68368	Tuba4a	1.023870098	0.034032687	0.7090484	0.149324119	Tubulin alpha-4A chain OS=Mus musculus GN=Tuba4a PE=1 SV=1
Q8VDW0	Ddx39a	1.021926027	0.031290769	0.70935463	0.149136592	ATP-dependent RNA helicase DDX39A OS=Mus musculus GN=Ddx39a PE=2 SV=1
Q6P5F6	Slc39a10	0.949769082	-0.074351302	0.709361877	0.149132156	Zinc transporter ZIP10 OS=Mus musculus GN=Slc39a10 PE=1 SV=1
P38647	Hspa9	0.997924092	-0.002998015	0.709369826	0.149127289	Stress-70 protein, mitochondrial OS=Mus musculus GN=Hspa9 PE=1 SV=3
Q3TLS3	Gdpgp1	1.048705722	0.068609899	0.709476695	0.149061866	GDP-D-glucose phosphorylase 1 OS=Mus musculus GN=Gdpgp1 PE=2 SV=2
Q8K411-3	Pitrm1	0.949826517	-0.074264061	0.709582984	0.148996808	Isoform 3 of Presequence protease, mitochondrial OS=Mus musculus GN=Pitrm1
P54726	Rad23a	0.970393572	-0.043358102	0.709699939	0.148925232	UV excision repair protein RAD23 homolog A OS=Mus musculus GN=Rad23a PE=1 SV=2
Q9WTP6	Ak2	1.059365978	0.083201082	0.710323667	0.148543715	Adenylate kinase 2, mitochondrial OS=Mus musculus GN=Ak2 PE=1 SV=5
Q9CPR5-2	Mrpl15	1.063787143	0.089209506	0.710537635	0.148412914	Isoform 2 of 39S ribosomal protein L15, mitochondrial OS=Mus musculus GN=Mrpl15
Q9JLN9	Mtor	0.962551272	-0.055064704	0.710707387	0.14830917	Serine/threonine-protein kinase mTOR OS=Mus musculus GN=Mtor PE=1 SV=2
Q8CHW4	Eif2b5	0.950025798	-0.073961404	0.710870611	0.14820944	Translation initiation factor eIF-2B subunit epsilon OS=Mus musculus GN=Eif2b5 PE=1 SV=1
Q5SNZ0-3	Ccdc88a	1.035256761	0.049988624	0.710964762	0.148151924	Isoform 3 of Girdin OS=Mus musculus GN=Ccdc88a
Q9D4J1	Efhd1	0.942891482	-0.084836355	0.711142274	0.148043504	EF-hand domain-containing protein D1 OS=Mus musculus GN=Efhd1 PE=2 SV=1
P62082	Rps7	1.013726058	0.019667842	0.711157918	0.14803395	40S ribosomal protein S7 OS=Mus musculus GN=Rps7 PE=2 SV=1
Q9D2M8-2	Ube2v2	1.010028008	0.014395299	0.711587388	0.147771758	Isoform 2 of Ubiquitin-conjugating enzyme E2 variant 2 OS=Mus musculus GN=Ube2v2
Q9WV02	Rbmx	0.98131679	-0.027209151	0.711645376	0.147736368	RNA-binding motif protein, X chromosome OS=Mus musculus GN=Rbmx PE=1 SV=1
Q32MW3	Acot10	0.968956211	-0.045496626	0.711725802	0.14768729	Acyl-coenzyme A thioesterase 10, mitochondrial OS=Mus musculus GN=Acot10 PE=2 SV=1
P49025-4	Cit	1.055485869	0.077907263	0.711934763	0.147559801	Isoform 4 of Citron Rho-interacting kinase OS=Mus musculus GN=Cit
Q7M729	Scn4b	0.980057111	-0.029062272	0.712025815	0.14750426	Sodium channel subunit beta-4 OS=Mus musculus GN=Scn4b PE=2 SV=1
Q99N92	Mrpl27	0.942254627	-0.08581112	0.712688907	0.147100001	39S ribosomal protein L27, mitochondrial OS=Mus musculus GN=Mrpl27 PE=2 SV=1
Q99JI6	Rap1b	0.985604108	-0.020919826	0.712722336	0.147079631	Ras-related protein Rap-1b OS=Mus musculus GN=Rap1b PE=2 SV=2
P99026	Psmb4	1.021412996	0.03056632	0.713009441	0.146904719	Proteasome subunit beta type-4 OS=Mus musculus GN=Psmb4 PE=1 SV=1
P63085	Mapk1	1.046549081	0.065639973	0.713064246	0.146871339	Mitogen-activated protein kinase 1 OS=Mus musculus GN=Mapk1 PE=1 SV=3
P84089	Erh	0.973662358	-0.038506526	0.71318535	0.146797586	Enhancer of rudimentary homolog OS=Mus musculus GN=Erh PE=1 SV=1
Q9JL62	Gltp	1.069173767	0.096496346	0.713315916	0.146718085	Glycolipid transfer protein OS=Mus musculus GN=Gltp PE=2 SV=3
O35459	Ech1	0.976888053	-0.03373485	0.713614099	0.146536578	Delta(3,5)-Delta(2,4)-dienoyl-CoA isomerase, mitochondrial OS=Mus musculus GN=Ech1 PE=1 SV=1
Q03517	Scg2	0.980095915	-0.029005153	0.713804838	0.146420513	Secretogranin-2 OS=Mus musculus GN=Scg2 PE=1 SV=1
Q91YT0	Ndufv1	0.988630383	-0.016496851	0.713815061	0.146414293	NADH dehydrogenase [ubiquinone] flavoprotein 1, mitochondrial OS=Mus musculus GN=Ndufv1 PE=1 SV=1
Q8CHT0	Aldh4a1	0.971768508	-0.041315415	0.714054495	0.146268643	Delta-1-pyrroline-5-carboxylate dehydrogenase, mitochondrial OS=Mus musculus GN=Aldh4a1 PE=1 SV=3
Q5SSL4-4	Abr	0.972006193	-0.040962588	0.71422608	0.146164295	Isoform 4 of Active breakpoint cluster region-related protein OS=Mus musculus GN=Abr
Q6PDM2	Srsf1	0.966097211	-0.049759731	0.714322081	0.146105925	Serine/arginine-rich splicing factor 1 OS=Mus musculus GN=Srsf1 PE=1 SV=3
P69566	Ranbp9	0.945053173	-0.08153259	0.714555288	0.145964163	Ran-binding protein 9 OS=Mus musculus GN=Ranbp9 PE=1 SV=1
Q9CR95	Necap1	0.981301211	-0.027232054	0.714574786	0.145952312	Adaptin ear-binding coat-associated protein 1 OS=Mus musculus GN=Necap1 PE=1 SV=2
Q9D3P8	Plgrkt	1.087373445	0.120847501	0.715233451	0.145552182	Plasminogen receptor (KT) OS=Mus musculus GN=Plgrkt PE=1 SV=1
Q61578	Fdxr	1.047633561	0.067134183	0.715690185	0.145274939	NADPH:adrenodoxin oxidoreductase, mitochondrial OS=Mus musculus GN=Fdxr PE=2 SV=1
P20065	Tmsb4x	1.035906438	0.050893706	0.715714245	0.145260339	Thymosin beta-4 OS=Mus musculus GN=Tmsb4x PE=1 SV=1
Q61335	Bcap31	1.020705826	0.029567132	0.715846636	0.145180012	B-cell receptor-associated protein 31 OS=Mus musculus GN=Bcap31 PE=1 SV=4
Q6R891-2	Ppp1r9b	1.019489516	0.02784694	0.715867071	0.145167614	Isoform 2 of Neurabin-2 OS=Mus musculus GN=Ppp1r9b
Q9Z2Y3-3	Homer1	0.981047192	-0.027605557	0.715935942	0.145125834	Isoform 3 of Homer protein homolog 1 OS=Mus musculus GN=Homer1
P10630	Eif4a2	1.028908247	0.041114336	0.71613338	0.145006083	Eukaryotic initiation factor 4A-II OS=Mus musculus GN=Eif4a2 PE=2 SV=2
P46735	Myo1b	1.01933461	0.027627713	0.7161577	0.144991334	Unconventional myosin-Ib OS=Mus musculus GN=Myo1b PE=2 SV=3
P63323	Rps12	0.968841778	-0.045667017	0.716594353	0.144726619	40S ribosomal protein S12 OS=Mus musculus GN=Rps12 PE=1 SV=2
P97797-3	Sirpa	1.058429153	0.081924704	0.717281151	0.144310581	Isoform 3 of Tyrosine-protein phosphatase non-receptor type substrate 1 OS=Mus musculus GN=Sirpa
Q9EQU5-3	Set	1.050819128	0.071514367	0.717330191	0.14428089	Isoform 3 of Protein SET OS=Mus musculus GN=Set
Q3UTJ2-4	Sorbs2	1.016759162	0.023997991	0.719017541	0.143260514	Isoform 4 of Sorbin and SH3 domain-containing protein 2 OS=Mus musculus GN=Sorbs2
A2AG50	Map7d2	1.021958546	0.031336677	0.719137635	0.143187983	MAP7 domain-containing protein 2 OS=Mus musculus GN=Map7d2 PE=1 SV=1
Q8K0S0	Phyhip	0.96300515	-0.054384582	0.719572057	0.14292571	Phytanoyl-CoA hydroxylase-interacting protein OS=Mus musculus GN=Phyhip PE=1 SV=1
Q9CQZ1	Hsbp1	1.017306572	0.02475451	0.719929438	0.142710067	Heat shock factor-binding protein 1 OS=Mus musculus GN=Hsbp1 PE=2 SV=1
Q8BTG3	Tcp11l1	1.028933531	0.041149787	0.720294741	0.142489756	T-complex protein 11-like protein 1 OS=Mus musculus GN=Tcp11l1 PE=2 SV=1
Q9QYB1	Clic4	1.015178022	0.021732742	0.720393276	0.142430349	Chloride intracellular channel protein 4 OS=Mus musculus GN=Clic4 PE=1 SV=3
Q3TLH4	Prrc2c	1.135869159	0.18379666	0.720412396	0.142418823	Protein PRRC2C OS=Mus musculus GN=Prrc2c PE=1 SV=3
Q3UTH8-4	Arhgef9	1.027048702	0.038504594	0.720557076	0.142331613	Isoform 4 of Rho guanine nucleotide exchange factor 9 OS=Mus musculus GN=Arhgef9
Q9D0I4	Stx17	0.962007292	-0.055880266	0.720872566	0.142141502	Syntaxin-17 OS=Mus musculus GN=Stx17 PE=1 SV=1
Q8C7Q4	Rbm4	0.954198224	-0.067639093	0.721045652	0.142037237	RNA-binding protein 4 OS=Mus musculus GN=Rbm4 PE=1 SV=1
Q62318	Trim28	1.019973352	0.02853146	0.721092201	0.142009202	Transcription intermediary factor 1-beta OS=Mus musculus GN=Trim28 PE=1 SV=3
P24527	Lta4h	0.960455634	-0.058209121	0.721243228	0.141918251	Leukotriene A-4 hydrolase OS=Mus musculus GN=Lta4h PE=1 SV=4
Q3UHD2	Gfod1	1.060079066	0.084171872	0.721449409	0.141794118	Glucose-fructose oxidoreductase domain-containing protein 1 OS=Mus musculus GN=Gfod1 PE=2 SV=1
P10637	Mapt	0.966437245	-0.04925204	0.721450974	0.141793176	Microtubule-associated protein tau OS=Mus musculus GN=Mapt PE=1 SV=3
P62077	Timm8b	1.048713627	0.068620774	0.721878883	0.141535662	Mitochondrial import inner membrane translocase subunit Tim8 B OS=Mus musculus GN=Timm8b PE=3 SV=1
P17427	Ap2a2	1.034599371	0.04907222	0.722191537	0.141347605	AP-2 complex subunit alpha-2 OS=Mus musculus GN=Ap2a2 PE=1 SV=2
Q9QUH0	Glrx	0.97762554	-0.032646119	0.72247836	0.141175157	Glutaredoxin-1 OS=Mus musculus GN=Glrx PE=1 SV=3
Q8R010	Aimp2	0.979961574	-0.029202915	0.722976439	0.140875856	Aminoacyl tRNA synthase complex-interacting multifunctional protein 2 OS=Mus musculus GN=Aimp2 PE=1 SV=2
Q9CY58-3	Serbp1	0.984323658	-0.022795325	0.723070127	0.14081958	Isoform 3 of Plasminogen activator inhibitor 1 RNA-binding protein OS=Mus musculus GN=Serbp1
Q91V64	Isoc1	0.947395823	-0.077960783	0.723204508	0.140738876	Isochorismatase domain-containing protein 1 OS=Mus musculus GN=Isoc1 PE=1 SV=1
Q3THS6	Mat2a	1.020565274	0.029368459	0.723230075	0.140723522	S-adenosylmethionine synthase isoform type-2 OS=Mus musculus GN=Mat2a PE=2 SV=2
Q01065	Pde1b	0.96965885	-0.044450834	0.723379414	0.140633855	Calcium/calmodulin-dependent 3',5'-cyclic nucleotide phosphodiesterase 1B OS=Mus musculus GN=Pde1b PE=1 SV=2
Q8BH04	Pck2	0.930074514	-0.104581791	0.724141819	0.140176371	Phosphoenolpyruvate carboxykinase [GTP], mitochondrial OS=Mus musculus GN=Pck2 PE=1 SV=1
Q9EPL2	Clstn1	1.029049847	0.041312868	0.724159424	0.140165813	Calsyntenin-1 OS=Mus musculus GN=Clstn1 PE=1 SV=1
Q9CYA0	Creld2	0.960951634	-0.057464274	0.724538096	0.139938775	Cysteine-rich with EGF-like domain protein 2 OS=Mus musculus GN=Creld2 PE=2 SV=1
Q80WS3	Fbll1	1.076360477	0.106161323	0.72506988	0.139620136	rRNA/tRNA 2'-O-methyltransferase fibrillarin-like protein 1 OS=Mus musculus GN=Fbll1 PE=2 SV=1
O08532-4	Cacna2d1	1.008569614	0.012310666	0.725269473	0.139500602	Isoform 2D of Voltage-dependent calcium channel subunit alpha-2/delta-1 OS=Mus musculus GN=Cacna2d1
O35857	Timm44	1.022261314	0.03176403	0.725371498	0.139439513	Mitochondrial import inner membrane translocase subunit TIM44 OS=Mus musculus GN=Timm44 PE=1 SV=2
Q9CZX8	Rps19	0.970408306	-0.043336197	0.725840456	0.139158829	40S ribosomal protein S19 OS=Mus musculus GN=Rps19 PE=1 SV=3
P70290	Mpp1	0.955877217	-0.06510278	0.727284408	0.138295723	55 kDa erythrocyte membrane protein OS=Mus musculus GN=Mpp1 PE=1 SV=1
Q9R0P3	Esd	0.985662768	-0.020833964	0.727418351	0.138215747	S-formylglutathione hydrolase OS=Mus musculus GN=Esd PE=1 SV=1
Q6PB66	Lrpprc	0.993276186	-0.009733172	0.727820597	0.137975658	Leucine-rich PPR motif-containing protein, mitochondrial OS=Mus musculus GN=Lrpprc PE=1 SV=2
D3YZU1	Shank1	0.971678173	-0.041449533	0.728087974	0.137816142	SH3 and multiple ankyrin repeat domains protein 1 OS=Mus musculus GN=Shank1 PE=1 SV=1
P26369	U2af2	0.985136977	-0.021603759	0.728401934	0.13762891	Splicing factor U2AF 65 kDa subunit OS=Mus musculus GN=U2af2 PE=1 SV=3
Q9QYI4	Dnajb12	0.960720678	-0.057811055	0.728532801	0.13755089	DnaJ homolog subfamily B member 12 OS=Mus musculus GN=Dnajb12 PE=2 SV=2
Q8BHE3	Atcay	1.061934648	0.086694985	0.728587281	0.137518414	Caytaxin OS=Mus musculus GN=Atcay PE=1 SV=1
P60867	Rps20	1.022228097	0.03171715	0.728975515	0.137287059	40S ribosomal protein S20 OS=Mus musculus GN=Rps20 PE=1 SV=1
Q7TSC1	Prrc2a	1.0663149	0.092633552	0.728994707	0.137275625	Protein PRRC2A OS=Mus musculus GN=Prrc2a PE=1 SV=1
Q7TQF7	Amph	0.977538524	-0.032774536	0.729493501	0.136978573	Amphiphysin OS=Mus musculus GN=Amph PE=1 SV=1
Q8VCI5	Pex19	0.971904044	-0.041114212	0.7296893	0.136862022	Peroxisomal biogenesis factor 19 OS=Mus musculus GN=Pex19 PE=1 SV=1
P09541	Myl4	1.05499651	0.077238226	0.729985734	0.136685627	Myosin light chain 4 OS=Mus musculus GN=Myl4 PE=2 SV=3
P48774	Gstm5	0.968517046	-0.046150655	0.730433346	0.136419408	Glutathione S-transferase Mu 5 OS=Mus musculus GN=Gstm5 PE=1 SV=1
P16254	Srp14	1.042448295	0.059975829	0.730876948	0.136155736	Signal recognition particle 14 kDa protein OS=Mus musculus GN=Srp14 PE=1 SV=1
Q8BMB3	Eif4e2	1.084457115	0.116973002	0.731081068	0.136034463	Eukaryotic translation initiation factor 4E type 2 OS=Mus musculus GN=Eif4e2 PE=1 SV=1
Q3V1U8	Elmod1	1.02860154	0.040684219	0.731235052	0.135942999	ELMO domain-containing protein 1 OS=Mus musculus GN=Elmod1 PE=2 SV=2
P20108	Prdx3	1.011824243	0.016958712	0.731449585	0.135815602	Thioredoxin-dependent peroxide reductase, mitochondrial OS=Mus musculus GN=Prdx3 PE=1 SV=1
Q91X83	Mat1a	1.031926418	0.045340103	0.731453967	0.135813001	S-adenosylmethionine synthase isoform type-1 OS=Mus musculus GN=Mat1a PE=2 SV=1
Q9CWL8	Ctnnbl1	0.959156053	-0.060162537	0.731745871	0.13563972	Beta-catenin-like protein 1 OS=Mus musculus GN=Ctnnbl1 PE=2 SV=1
Q9QXG4	Acss2	1.055311789	0.077669303	0.732026962	0.135472923	Acetyl-coenzyme A synthetase, cytoplasmic OS=Mus musculus GN=Acss2 PE=1 SV=2
P97300	Nptn	0.986028343	-0.020298978	0.732059434	0.135453659	Neuroplastin OS=Mus musculus GN=Nptn PE=1 SV=3
P42932	Cct8	1.012958086	0.01857448	0.732233164	0.135350605	T-complex protein 1 subunit theta OS=Mus musculus GN=Cct8 PE=1 SV=3
Q9D023	Mpc2	0.979961375	-0.029203208	0.732314458	0.135302392	Mitochondrial pyruvate carrier 2 OS=Mus musculus GN=Mpc2 PE=1 SV=1
Q9CQ02	Commd4	0.966498127	-0.049161159	0.732406167	0.135248007	COMM domain-containing protein 4 OS=Mus musculus GN=Commd4 PE=2 SV=1
Q99KP3	Cryl1	1.028902401	0.041106138	0.733064369	0.134857889	Lambda-crystallin homolog OS=Mus musculus GN=Cryl1 PE=2 SV=3
Q80WM4	Hapln4	1.033538859	0.047592632	0.73354579	0.134572771	Hyaluronan and proteoglycan link protein 4 OS=Mus musculus GN=Hapln4 PE=2 SV=2
P62334	Psmc6	1.022893352	0.032655736	0.734613582	0.133941046	26S protease regulatory subunit 10B OS=Mus musculus GN=Psmc6 PE=1 SV=1
Q3TRM8	Hk3	1.087457098	0.120958485	0.734628221	0.133932392	Hexokinase-3 OS=Mus musculus GN=Hk3 PE=2 SV=2
O08529	Capn2	0.979969815	-0.029190782	0.734832916	0.133811398	Calpain-2 catalytic subunit OS=Mus musculus GN=Capn2 PE=2 SV=4
A2A699	Fam171a2	0.96940552	-0.044827797	0.735230905	0.133576246	Protein FAM171A2 OS=Mus musculus GN=Fam171a2 PE=1 SV=1
P50429-2	Arsb	1.049104066	0.069157793	0.735335251	0.133514614	Isoform 2 of Arylsulfatase B OS=Mus musculus GN=Arsb

Accession	Gene	Fold Change (KO vs. WT)	Log2 Fold Change	Students T Test	-Log10 T Test	Description
Q8R5H1-5	Usp15	0.970214035	-0.043625046	0.735483345	0.133427157	Isoform 5 of Ubiquitin carboxyl-terminal hydrolase 15 OS=Mus musculus GN=Usp15
P31786	Dbi	0.963605616	-0.053485294	0.73559975	0.133358427	Acyl-CoA-binding protein OS=Mus musculus GN=Dbi PE=1 SV=2
O55028	Bckdk	0.914145429	-0.129504397	0.735628853	0.133341245	[3-methyl-2-oxobutanoate dehydrogenase [lipoamide]] kinase, mitochondrial OS=Mus musculus GN=Bckdk PE=1 SV=1
Q8BLY2	Tarsl2	0.922805252	-0.11590188	0.73575766	0.133265208	Probable threonine--tRNA ligase 2, cytoplasmic OS=Mus musculus GN=Tarsl2 PE=2 SV=1
Q9CRB0	Snx24	1.03450902	0.048946224	0.736019368	0.133110757	Sorting nexin-24 OS=Mus musculus GN=Snx24 PE=1 SV=1
Q6PH08-4	Erc2	1.027753781	0.03949468	0.736038496	0.133099471	Isoform 4 of ERC protein 2 OS=Mus musculus GN=Erc2
Q05512	Mark2	1.013504192	0.019352055	0.736379436	0.132898348	Serine/threonine-protein kinase MARK2 OS=Mus musculus GN=Mark2 PE=1 SV=3
Q9Z210	Pex11b	1.08424796	0.116694729	0.737349028	0.132326888	Peroxisomal membrane protein 11B OS=Mus musculus GN=Pex11b PE=1 SV=1
Q9WUB4	Dctn6	1.031053122	0.044118665	0.737425094	0.132282087	Dynactin subunit 6 OS=Mus musculus GN=Dctn6 PE=1 SV=1
Q9Z2C4	Mtmr1	0.962772854	-0.054732629	0.737451052	0.1322668	Myotubularin-related protein 1 OS=Mus musculus GN=Mtmr1 PE=2 SV=1
Q9D9M5	Phospho2	1.060741108	0.085072584	0.737516986	0.132227973	Pyridoxal phosphate phosphatase PHOSPHO2 OS=Mus musculus GN=Phospho2 PE=2 SV=1
Q9CQV6	Map1lc3b	0.975807814	-0.035331058	0.737586323	0.132187145	Microtubule-associated proteins 1A/1B light chain 3B OS=Mus musculus GN=Map1lc3b PE=1 SV=3
P54728	Rad23b	0.985953866	-0.020407952	0.737858621	0.132026844	UV excision repair protein RAD23 homolog B OS=Mus musculus GN=Rad23b PE=1 SV=2
Q6P9Q6	Fkbp15	1.040711277	0.05756988	0.737909569	0.131996858	FK506-binding protein 15 OS=Mus musculus GN=Fkbp15 PE=1 SV=2
P62911	Rpl32	0.972355851	-0.040443705	0.73793118	0.131984139	60S ribosomal protein L32 OS=Mus musculus GN=Rpl32 PE=1 SV=2
Q8K4Z5	Sf3a1	0.939148396	-0.090574957	0.738184212	0.131835248	Splicing factor 3A subunit 1 OS=Mus musculus GN=Sf3a1 PE=1 SV=1
Q8CH09	Sugp2	0.972595234	-0.040088573	0.738185918	0.131834244	SURP and G-patch domain-containing protein 2 OS=Mus musculus GN=Sugp2 PE=2 SV=2
Q8BYW1-3	Arhgap25	1.066674887	0.093120523	0.738453038	0.131677118	Isoform 3 of Rho GTPase-activating protein 25 OS=Mus musculus GN=Arhgap25
Q68ED2	Grm7	1.029672962	0.042186191	0.738454018	0.131676542	Metabotropic glutamate receptor 7 OS=Mus musculus GN=Grm7 PE=2 SV=1
P17751	Tpi1	0.984967067	-0.021852607	0.73848514	0.131658239	Triosephosphate isomerase OS=Mus musculus GN=Tpi1 PE=1 SV=4
Q80X50-3	Ubap2l	1.036276685	0.051409252	0.739156189	0.131263783	Isoform 3 of Ubiquitin-associated protein 2-like OS=Mus musculus GN=Ubap2l
Q9D892	Itpa	1.011174415	0.016031865	0.739269871	0.131196993	Inosine triphosphate pyrophosphatase OS=Mus musculus GN=Itpa PE=1 SV=2
P63087-2	Ppp1cc	0.987150816	-0.01865758	0.73931299	0.131171663	Isoform Gamma-2 of Serine/threonine-protein phosphatase PP1-gamma catalytic subunit OS=Mus musculus GN=Ppp1cc
Q9CRB9	Chchd3	1.040623737	0.057448521	0.739676827	0.130957987	Coiled-coil-helix-coiled-coil-helix domain-containing protein 3, mitochondrial OS=Mus musculus GN=Chchd3 PE=1 SV=1
Q9D8U8	Snx5	0.957762785	-0.062259716	0.739681394	0.130955306	Sorting nexin-5 OS=Mus musculus GN=Snx5 PE=1 SV=1
Q6NXK7	Dpp10	0.929959507	-0.104760196	0.740027704	0.130752022	Inactive dipeptidyl peptidase 10 OS=Mus musculus GN=Dpp10 PE=2 SV=1
Q9CR57	Rpl14	0.978488876	-0.031372646	0.740131692	0.130690999	60S ribosomal protein L14 OS=Mus musculus GN=Rpl14 PE=1 SV=3
Q8BHN3-3	Ganab	0.954481683	-0.067210582	0.740270535	0.130609536	Isoform 3 of Neutral alpha-glucosidase AB OS=Mus musculus GN=Ganab
Q91VM5	Rbmxl1	0.984431686	-0.022637	0.740297684	0.13059361	RNA binding motif protein, X-linked-like-1 OS=Mus musculus GN=Rbmxl1 PE=1 SV=1
Q8BP71-3	Rbfox2	0.977301876	-0.033123834	0.740436833	0.130511985	Isoform 3 of RNA binding protein fox-1 homolog 2 OS=Mus musculus GN=Rbfox2
P63087	Ppp1cc	0.987126179	-0.018693586	0.740582706	0.130426434	Serine/threonine-protein phosphatase PP1-gamma catalytic subunit OS=Mus musculus GN=Ppp1cc PE=1 SV=1
Q9D1E6	Tbcb	0.985693336	-0.020789222	0.740978827	0.130194202	Tubulin-folding cofactor B OS=Mus musculus GN=Tbcb PE=1 SV=2
P12815	Pdcd6	1.014089502	0.020184988	0.74131966	0.129994482	Programmed cell death protein 6 OS=Mus musculus GN=Pdcd6 PE=1 SV=2
P47955	Rplp1	1.018677633	0.026697573	0.741515319	0.129879872	60S acidic ribosomal protein P1 OS=Mus musculus GN=Rplp1 PE=2 SV=1
Q9Z218	Dpp6	0.926739139	-0.109764792	0.741526293	0.129873445	Dipeptidyl aminopeptidase-like protein 6 OS=Mus musculus GN=Dpp6 PE=1 SV=1
Q9Z0Y1	Dctn3	1.053905465	0.075745463	0.741591228	0.129835416	Dynactin subunit 3 OS=Mus musculus GN=Dctn3 PE=2 SV=2
Q922R8	Pdia6	1.033254829	0.047196106	0.741626816	0.129814575	Protein disulfide-isomerase A6 OS=Mus musculus GN=Pdia6 PE=1 SV=3
Q8BIJ6	Iars2	0.975787832	-0.035360601	0.741993991	0.129599612	Isoleucine--tRNA ligase, mitochondrial OS=Mus musculus GN=Iars2 PE=1 SV=1
Q9D517	Agpat3	0.964126067	-0.052706293	0.742083408	0.129547278	1-acyl-sn-glycerol-3-phosphate acyltransferase gamma OS=Mus musculus GN=Agpat3 PE=1 SV=2
Q80TK0	Kiaa1107	0.988918189	-0.01607692	0.742335147	0.129399977	Uncharacterized protein KIAA1107 OS=Mus musculus GN=Kiaa1107 PE=2 SV=5
Q6P4S6	Sik3	1.061137012	0.085610946	0.74240544	0.129358854	Serine/threonine-protein kinase SIK3 OS=Mus musculus GN=Sik3 PE=1 SV=3
P60122	Ruvbl1	1.014431704	0.020671739	0.742625803	0.129229965	RuvB-like 1 OS=Mus musculus GN=Ruvbl1 PE=1 SV=1
Q9DCT5	Sdf2	1.03822025	0.054112532	0.742786893	0.129135768	Stromal cell-derived factor 2 OS=Mus musculus GN=Sdf2 PE=2 SV=1
O35874	Slc1a4	1.060314659	0.084492463	0.743004275	0.129008687	Neutral amino acid transporter A OS=Mus musculus GN=Slc1a4 PE=1 SV=1
Q9CPX6	Atg3	1.011166595	0.016020709	0.743665504	0.128622363	Ubiquitin-like-conjugating enzyme ATG3 OS=Mus musculus GN=Atg3 PE=1 SV=1
Q6AXF6	Sidt1	1.038724501	0.054813062	0.743945682	0.128458772	SID1 transmembrane family member 1 OS=Mus musculus GN=Sidt1 PE=2 SV=1
P05214	Tuba3a	1.022578275	0.032211282	0.744396058	0.128195935	Tubulin alpha-3 chain OS=Mus musculus GN=Tuba3a PE=1 SV=1
P14094	Atp1b1	0.962308654	-0.055428392	0.744825353	0.127945549	Sodium/potassium-transporting ATPase subunit beta-1 OS=Mus musculus GN=Atp1b1 PE=1 SV=1
Q03173-4	Enah	0.975933804	-0.0351448	0.744851491	0.127930309	Isoform 3 of Protein enabled homolog OS=Mus musculus GN=Enah
Q05512-4	Mark2	1.013166063	0.018870658	0.745089042	0.127791823	Isoform 4 of Serine/threonine-protein kinase MARK2 OS=Mus musculus GN=Mark2
Q9Z1B3-2	Plcb1	0.989000636	-0.015956646	0.746106995	0.127198888	Isoform B of 1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase beta-1 OS=Mus musculus GN=Plcb1
Q61142	Spin1	1.078117266	0.108514107	0.746183532	0.12715434	Spindlin-1 OS=Mus musculus GN=Spin1 PE=1 SV=2
Q6X893	Slc44a1	0.948945605	-0.075602703	0.746743259	0.126828689	Choline transporter-like protein 1 OS=Mus musculus GN=Slc44a1 PE=1 SV=3
Q8BIF2-4	Rbfox3	0.965257915	-0.051013616	0.746779213	0.126807779	Isoform 4 of RNA binding protein fox-1 homolog 3 OS=Mus musculus GN=Rbfox3
P23506	Pcmt1	1.023684356	0.033770942	0.746816184	0.126786279	Protein-L-isoaspartate(D-aspartate) O-methyltransferase OS=Mus musculus GN=Pcmt1 PE=1 SV=3
Q8R0P4-2	Aamdc	1.043455428	0.061368977	0.746942057	0.126713087	Isoform 2 of Mth938 domain-containing protein OS=Mus musculus GN=Aamdc
Q5SQX6	Cyfip2	1.008172123	0.011741968	0.747038462	0.126657037	Cytoplasmic FMR1-interacting protein 2 OS=Mus musculus GN=Cyfip2 PE=1 SV=2
Q8BU27	Ppm1m	1.069042629	0.096319383	0.74736513	0.126467169	Protein phosphatase 1M OS=Mus musculus GN=Ppm1m PE=2 SV=2
Q9DCM0	Ethe1	1.078755045	0.109367307	0.747374658	0.126461632	Persulfide dioxygenase ETHE1, mitochondrial OS=Mus musculus GN=Ethe1 PE=1 SV=2
P45952	Acadm	1.023578803	0.033622177	0.747393548	0.126450656	Medium-chain specific acyl-CoA dehydrogenase, mitochondrial OS=Mus musculus GN=Acadm PE=1 SV=1
Q91VN4	Chchd6	1.025231998	0.035950412	0.747568815	0.126348824	Coiled-coil-helix-coiled-coil-helix domain-containing protein 6, mitochondrial OS=Mus musculus GN=Chchd6 PE=2 SV=2
O55042	Snca	1.040710206	0.057568395	0.747768196	0.12623301	Alpha-synuclein OS=Mus musculus GN=Snca PE=1 SV=2
P52503	Ndufs6	1.016927067	0.024216215	0.74824573	0.125955753	NADH dehydrogenase [ubiquinone] iron-sulfur protein 6, mitochondrial OS=Mus musculus GN=Ndufs6 PE=1 SV=2
Q9R0X4	Acot9	0.975370339	-0.035977994	0.748352074	0.125894033	Acyl-coenzyme A thioesterase 9, mitochondrial OS=Mus musculus GN=Acot9 PE=1 SV=1
Q60900	Elavl3	1.01956933	0.02795988	0.748689303	0.125698372	ELAV-like protein 3 OS=Mus musculus GN=Elavl3 PE=1 SV=1
Q9WTX5	Skp1	0.987647943	-0.017931224	0.748894041	0.125579625	S-phase kinase-associated protein 1 OS=Mus musculus GN=Skp1 PE=1 SV=3
Q8VBT0	Tmx1	0.977471366	-0.032873655	0.749151844	0.125430147	Thioredoxin-related transmembrane protein 1 OS=Mus musculus GN=Tmx1 PE=1 SV=1
A2A432	Cul4b	1.022280024	0.031790435	0.749494215	0.125231715	Cullin-4B OS=Mus musculus GN=Cul4b PE=1 SV=1
Q80YN3	Bcas1	1.044627073	0.062987998	0.749843256	0.12502951	Breast carcinoma-amplified sequence 1 homolog OS=Mus musculus GN=Bcas1 PE=2 SV=3
Q63844	Mapk3	1.013164329	0.01886819	0.74990438	0.12499411	Mitogen-activated protein kinase 3 OS=Mus musculus GN=Mapk3 PE=1 SV=5
P35980	Rpl18	1.018568087	0.026542422	0.750365415	0.124727191	60S ribosomal protein L18 OS=Mus musculus GN=Rpl18 PE=2 SV=3
Q61112	Sdf4	0.975119863	-0.036348527	0.750535396	0.124628821	45 kDa calcium-binding protein OS=Mus musculus GN=Sdf4 PE=2 SV=1
Q02053	Uba1	0.992479677	-0.010890534	0.750645433	0.124565153	Ubiquitin-like modifier-activating enzyme 1 OS=Mus musculus GN=Uba1 PE=1 SV=1
Q9Z2V5	Hdac6	1.028619371	0.040709228	0.751331263	0.12416854	Histone deacetylase 6 OS=Mus musculus GN=Hdac6 PE=1 SV=3
Q8BHZ0	Fam49a	1.025679895	0.03658055	0.751418812	0.124117936	Protein FAM49A OS=Mus musculus GN=Fam49a PE=2 SV=1
Q5SVL6	Rap1gap2	0.978385414	-0.031525198	0.75143559	0.12410824	Rap1 GTPase-activating protein 2 OS=Mus musculus GN=Rap1gap2 PE=2 SV=1
Q9JII6	Akr1a1	0.987303945	-0.018433804	0.751475318	0.124085279	Alcohol dehydrogenase [NADP(+)] OS=Mus musculus GN=Akr1a1 PE=1 SV=3
Q91WG4	Elp2	0.945762824	-0.080449661	0.751865006	0.123860128	Elongator complex protein 2 OS=Mus musculus GN=Elp2 PE=1 SV=1
Q9CQR6	Ppp6c	1.039204933	0.055480184	0.75187137	0.123856452	Serine/threonine-protein phosphatase 6 catalytic subunit OS=Mus musculus GN=Ppp6c PE=2 SV=1
Q8BLJ3	Plcxd3	0.962689914	-0.054856919	0.751883922	0.123849202	PI-PLC X domain-containing protein 3 OS=Mus musculus GN=Plcxd3 PE=2 SV=1
Q3USB7	Plcl1	0.974534665	-0.037214591	0.752239442	0.123643899	Inactive phospholipase C-like protein 1 OS=Mus musculus GN=Plcl1 PE=1 SV=3
P41105	Rpl28	0.981321014	-0.027202941	0.752343817	0.123583644	60S ribosomal protein L28 OS=Mus musculus GN=Rpl28 PE=1 SV=2
Q9CPV4-3	Glod4	0.981243338	-0.02731714	0.752505814	0.123490141	Isoform 3 of Glyoxalase domain-containing protein 4 OS=Mus musculus GN=Glod4
P62881	Gnb5	0.984066462	-0.023172339	0.753085132	0.123155926	Guanine nucleotide-binding protein subunit beta-5 OS=Mus musculus GN=Gnb5 PE=1 SV=1
Q3UKC1	Tax1bp1	1.058440235	0.08193981	0.753097002	0.123149082	Tax1-binding protein 1 homolog OS=Mus musculus GN=Tax1bp1 PE=1 SV=2
Q921M7	Fam49b	1.01735377	0.024821443	0.753143734	0.123122133	Protein FAM49B OS=Mus musculus GN=Fam49b PE=2 SV=1
Q9R1T4-3	Sept6	0.968107543	-0.046760775	0.753444086	0.122948972	Isoform V of Septin-6 OS=Mus musculus GN=Sept6
Q8R570-2	Snap47	0.953743597	-0.068326628	0.753488272	0.122923503	Isoform 2 of Synaptosomal-associated protein 47 OS=Mus musculus GN=Snap47
P17183	Eno2	1.023072587	0.032908507	0.753851864	0.122713987	Gamma-enolase OS=Mus musculus GN=Eno2 PE=1 SV=2
Q921W0	Chmp1a	0.972277756	-0.040559579	0.754010157	0.122622804	Charged multivesicular body protein 1a OS=Mus musculus GN=Chmp1a PE=1 SV=1
Q60629	Epha5	1.07274814	0.1013114	0.75410318	0.122569228	Ephrin type-A receptor 5 OS=Mus musculus GN=Epha5 PE=1 SV=2
Q9QXZ0	Macf1	0.967365966	-0.047866313	0.7542743	0.12247069	Microtubule-actin cross-linking factor 1 OS=Mus musculus GN=Macf1 PE=1 SV=2
Q6P1F6	Ppp2r2a	0.988246311	-0.01705743	0.754660555	0.12224835	Serine/threonine-protein phosphatase 2A 55 kDa regulatory subunit B alpha isoform OS=Mus musculus GN=Ppp2r2a PE=1 SV=1
Q3UDE2	Ttll12	0.969718608	-0.044361927	0.754684782	0.122234408	Tubulin--tyrosine ligase-like protein 12 OS=Mus musculus GN=Ttll12 PE=2 SV=1
O70311	Nmt2	0.98430716	-0.022819506	0.754701808	0.122224609	Glycylpeptide N-tetradecanoyltransferase 2 OS=Mus musculus GN=Nmt2 PE=2 SV=1
Q64314	Cd34	0.96484914	-0.051624709	0.75485017	0.122139243	Hematopoietic progenitor cell antigen CD34 OS=Mus musculus GN=Cd34 PE=1 SV=1
Q99L45	Eif2s2	0.986355032	-0.019821066	0.75490334	0.122108653	Eukaryotic translation initiation factor 2 subunit 2 OS=Mus musculus GN=Eif2s2 PE=1 SV=1
O35099	Map3k5	1.081558041	0.113111088	0.754952313	0.12208048	Mitogen-activated protein kinase kinase kinase 5 OS=Mus musculus GN=Map3k5 PE=1 SV=3
P58044	Idi1	1.02361104	0.033667612	0.75520687	0.121934068	Isopentenyl-diphosphate Delta-isomerase 1 OS=Mus musculus GN=Idi1 PE=2 SV=1
Q80X50	Ubap2l	1.030876582	0.043871621	0.755236729	0.121916897	Ubiquitin-associated protein 2-like OS=Mus musculus GN=Ubap2l PE=1 SV=1
O35435	Dhodh	0.959800992	-0.059192791	0.755242772	0.121913423	Dihydroorotate dehydrogenase (quinone), mitochondrial OS=Mus musculus GN=Dhodh PE=2 SV=2
Q3UYC0	Ppm1h	0.96982132	-0.044209126	0.755380887	0.121834008	Protein phosphatase 1H OS=Mus musculus GN=Ppm1h PE=1 SV=1
Q7TSJ2-3	Map6	0.967009321	-0.048398298	0.756326894	0.121290456	Isoform 3 of Microtubule-associated protein 6 OS=Mus musculus GN=Map6
Q8VE97	Srsf4	1.029478196	0.041913274	0.756465363	0.121210953	Serine/arginine-rich splicing factor 4 OS=Mus musculus GN=Srsf4 PE=2 SV=1
Q9D1G1	Rab1b	1.033222989	0.047151649	0.75723097	0.120771632	Ras-related protein Rab-1B OS=Mus musculus GN=Rab1b PE=1 SV=1
Q7TN79	Akap7	1.019136394	0.027347145	0.757470513	0.120634269	A-kinase anchor protein 7 isoform gamma OS=Mus musculus GN=Akap7 PE=1 SV=2
Q9JIK9	Mrps34	0.970694721	-0.042910448	0.75776903	0.120463148	28S ribosomal protein S34, mitochondrial OS=Mus musculus GN=Mrps34 PE=2 SV=1
Q99MD9	Nasp	0.957922516	-0.06201913	0.757778854	0.120457518	Nuclear autoantigenic sperm protein OS=Mus musculus GN=Nasp PE=1 SV=2
Q91V41	Rab14	1.009252902	0.013287735	0.757799072	0.120445931	Ras-related protein Rab-14 OS=Mus musculus GN=Rab14 PE=1 SV=3
Q9DC28	Csnk1d	1.02311125	0.032963028	0.757800954	0.120444852	Casein kinase I isoform delta OS=Mus musculus GN=Csnk1d PE=1 SV=2
Q62420	Sh3gl2	1.009658154	0.013866914	0.757857289	0.120412568	Endophilin-A1 OS=Mus musculus GN=Sh3gl2 PE=1 SV=2
Q7TSJ2-2	Map6	0.979645722	-0.029667986	0.758024927	0.120316512	Isoform 2 of Microtubule-associated protein 6 OS=Mus musculus GN=Map6
Q5PR73	Diras2	0.983728266	-0.023668238	0.758521176	0.12003229	GTP-binding protein Di-Ras2 OS=Mus musculus GN=Diras2 PE=2 SV=1
Q9DCX2	AtpSh	0.98272808	-0.025135816	0.758904039	0.119813136	ATP synthase subunit d, mitochondrial OS=Mus musculus GN=Atp5h PE=1 SV=3
Q924N4	Slc12a6	0.95182712	-0.071228534	0.759007217	0.119754095	Solute carrier family 12 member 6 OS=Mus musculus GN=Slc12a6 PE=1 SV=2
Q2M3X8-3	Phactr1	0.975455458	-0.035852099	0.759858533	0.119267255	Isoform 3 of Phosphatase and actin regulator 1 OS=Mus musculus GN=Phactr1
P27773	Pdia3	0.987713898	-0.017834885	0.760015089	0.119177785	Protein disulfide-isomerase A3 OS=Mus musculus GN=Pdia3 PE=1 SV=2

Accession	Gene	Fold Change (KO vs. WT)	Log2 Fold Change	Students T Test	-Log10 T Test	Description
Q8C5W3	Tbcel	1.042571677	0.060146572	0.760258819	0.119038534	Tubulin-specific chaperone cofactor E-like protein OS=Mus musculus GN=Tbcel PE=1 SV=1
P47962	Rpl5	1.01831986	0.026190791	0.760479572	0.118912447	60S ribosomal protein L5 OS=Mus musculus GN=Rpl5 PE=1 SV=3
Q7TNS2	Minos1	0.969128662	-0.045239883	0.760562726	0.118864962	Mitochondrial inner membrane organizing system protein 1 OS=Mus musculus GN=Minos1 PE=2 SV=1
Q8BKC5	Ipo5	0.9687251	-0.045840771	0.760615142	0.118835033	Importin-5 OS=Mus musculus GN=Ipo5 PE=1 SV=3
O08539	Bin1	1.014971265	0.021438883	0.760663272	0.118807553	Myc box-dependent-interacting protein 1 OS=Mus musculus GN=Bin1 PE=1 SV=1
Q9JM52-3	Mink1	0.968442138	-0.046262241	0.7612547	0.118470013	Isoform 3 of Misshapen-like kinase 1 OS=Mus musculus GN=Mink1
Q9Z1X4-3	Ilf3	1.013319561	0.019089216	0.761545162	0.118304337	Isoform 3 of Interleukin enhancer-binding factor 3 OS=Mus musculus GN=Ilf3
Q9CQH7	Btf3l4	1.034123102	0.048407934	0.761812807	0.118151731	Transcription factor BTF3 homolog 4 OS=Mus musculus GN=Btf3l4 PE=2 SV=1
P36993-3	Ppm1b	1.047362724	0.066761165	0.761874344	0.118116651	Isoform Beta-3 of Protein phosphatase 1B OS=Mus musculus GN=Ppm1b
P62874	Gnb1	1.026048039	0.037098279	0.762472968	0.117775549	Guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta-1 OS=Mus musculus GN=Gnb1 PE=1 SV=3
Q9R111	Gda	1.010769696	0.015454316	0.76277927	0.117601118	Guanine deaminase OS=Mus musculus GN=Gda PE=1 SV=1
Q6A068	Cdc5l	1.084319193	0.116789508	0.763017841	0.117465307	Cell division cycle 5-like protein OS=Mus musculus GN=Cdc5l PE=1 SV=2
O88745	Scrg1	0.977954761	-0.032160365	0.76311632	0.117409259	Scrapie-responsive protein 1 OS=Mus musculus GN=Scrg1 PE=2 SV=1
P60202-2	Plp1	0.946142946	-0.079869928	0.763190595	0.11736699	Isoform DM-20 of Myelin proteolipid protein OS=Mus musculus GN=Plp1
Q61655	Ddx19a	1.045744988	0.064531084	0.763200049	0.11736161	ATP-dependent RNA helicase DDX19A OS=Mus musculus GN=Ddx19a PE=2 SV=2
Q7TT37	Ikbkap	1.080484272	0.111678071	0.763324244	0.117290944	Elongator complex protein 1 OS=Mus musculus GN=Ikbkap PE=2 SV=2
P70205	Adcyap1r1	1.048536495	0.068377076	0.763679682	0.117088764	Pituitary adenylate cyclase-activating polypeptide type I receptor OS=Mus musculus GN=Adcyap1r1 PE=2 SV=1
Q91VI7	Rnh1	0.968870384	-0.045624421	0.764046223	0.116880367	Ribonuclease inhibitor OS=Mus musculus GN=Rnh1 PE=1 SV=1
Q8BVI5	Stx16	0.953209581	-0.069134642	0.764154279	0.11681895	Syntaxin-16 OS=Mus musculus GN=Stx16 PE=1 SV=3
Q7M759	Abhd17b	0.975653292	-0.035559532	0.764301335	0.116735382	Alpha/beta hydrolase domain-containing protein 17B OS=Mus musculus GN=Abhd17b PE=2 SV=1
O54916-4	Reps1	0.9790712	-0.030514316	0.764969842	0.116355686	Isoform 4 of RalBP1-associated Eps domain-containing protein 1 OS=Mus musculus GN=Reps1
Q9ESN6	Trim2	1.011823708	0.016957948	0.765738302	0.115919629	Tripartite motif-containing protein 2 OS=Mus musculus GN=Trim2 PE=1 SV=1
Q9CQF3	Nudt21	1.020393532	0.029125659	0.765760674	0.115906941	Cleavage and polyadenylation specificity factor subunit 5 OS=Mus musculus GN=Nudt21 PE=1 SV=1
Q3V132	Slc25a31	0.992020165	-0.011558648	0.766093362	0.115718301	ADP/ATP translocase 4 OS=Mus musculus GN=Slc25a31 PE=2 SV=1
P0CG50	Ubc	1.012419256	0.017806852	0.766993526	0.115208302	Polyubiquitin-C OS=Mus musculus GN=Ubc PE=1 SV=2
Q9CQL6	Mrpl35	0.982153432	-0.025979675	0.767380131	0.11498945	39S ribosomal protein L35, mitochondrial OS=Mus musculus GN=Mrpl35 PE=2 SV=1
P47753	Capza1	1.031470973	0.044703222	0.767513738	0.114913842	F-actin-capping protein subunit alpha-1 OS=Mus musculus GN=Capza1 PE=1 SV=4
Q0KL02-2	Trio	0.98557027	-0.020969358	0.767550062	0.114893289	Isoform 2 of Triple functional domain protein OS=Mus musculus GN=Trio
Q80ZF8	Bai3	1.020329141	0.029034617	0.767711812	0.114801777	Brain-specific angiogenesis inhibitor 3 OS=Mus musculus GN=Bai3 PE=1 SV=2
P13020	Gsn	0.959093915	-0.060256004	0.767828547	0.114735745	Gelsolin OS=Mus musculus GN=Gsn PE=1 SV=3
Q8BIW1	Prune	0.953212613	-0.069130054	0.767852289	0.114722317	Protein prune homolog OS=Mus musculus GN=Prune PE=2 SV=1
Q6NZJ6	Eif4g1	1.009905435	0.014220209	0.767887177	0.114702585	Eukaryotic translation initiation factor 4 gamma 1 OS=Mus musculus GN=Eif4g1 PE=1 SV=1
Q9ERF3	Wdr61	1.037233553	0.052740781	0.767974269	0.114653331	WD repeat-containing protein 61 OS=Mus musculus GN=Wdr61 PE=2 SV=1
Q9CYI4	Luc7l	1.035029615	0.049672048	0.76861306	0.11429224	Putative RNA-binding protein Luc7-like 1 OS=Mus musculus GN=Luc7l PE=2 SV=2
Q9CQC6	Bzw1	0.980132695	-0.028951013	0.768714808	0.114234753	Basic leucine zipper and W2 domain-containing protein 1 OS=Mus musculus GN=Bzw1 PE=1 SV=1
Q9Z0R6	Itsn2	1.028296784	0.040256712	0.769005676	0.114070455	Intersectin-2 OS=Mus musculus GN=Itsn2 PE=1 SV=2
P53986	Slc16a1	1.070176932	0.097849337	0.769100468	0.114016924	Monocarboxylate transporter 1 OS=Mus musculus GN=Slc16a1 PE=1 SV=1
O55013	Trappc3	1.021649538	0.030900385	0.769257149	0.113928459	Trafficking protein particle complex subunit 3 OS=Mus musculus GN=Trappc3 PE=1 SV=1
P40630	Tfam	0.9627025	-0.054838057	0.769285341	0.113912543	Transcription factor A, mitochondrial OS=Mus musculus GN=Tfam PE=1 SV=2
O55042-2	Snca	1.037388148	0.052955792	0.769395475	0.113850372	Isoform 2 of Alpha-synuclein OS=Mus musculus GN=Snca
Q8VD37-5	Sgip1	0.947976413	-0.077076932	0.76978489	0.113630618	Isoform 5 of SH3-containing GRB2-like protein 3-interacting protein 1 OS=Mus musculus GN=Sgip1
B2RSH2	Gnai1	1.014432563	0.020672962	0.770300606	0.113339761	Guanine nucleotide-binding protein G(i) subunit alpha-1 OS=Mus musculus GN=Gnai1 PE=2 SV=1
Q810A7	Ddx42	1.036274989	0.051406891	0.771212473	0.112825955	ATP-dependent RNA helicase DDX42 OS=Mus musculus GN=Ddx42 PE=1 SV=3
Q8CEC5	Nkiras1	1.016871362	0.024137184	0.771229485	0.112816375	NF-kappa-B inhibitor-interacting Ras-like protein 1 OS=Mus musculus GN=Nkiras1 PE=1 SV=1
Q61390	Cct6b	0.979390814	-0.03004343	0.77127439	0.112791089	T-complex protein 1 subunit zeta-2 OS=Mus musculus GN=Cct6b PE=2 SV=4
Q60967	Papss1	1.027603364	0.039283518	0.771494109	0.112667386	Bifunctional 3'-phosphoadenosine 5'-phosphosulfate synthase 1 OS=Mus musculus GN=Papss1 PE=1 SV=1
O08638	Myh11	0.980586247	-0.028283568	0.771511737	0.112657463	Myosin-11 OS=Mus musculus GN=Myh11 PE=1 SV=1
P35293	Rab18	0.976888724	-0.033733859	0.771520197	0.1126527	Ras-related protein Rab-18 OS=Mus musculus GN=Rab18 PE=2 SV=2
Q91YS8	Camk1	1.008489826	0.01219653	0.77160069	0.112607393	Calcium/calmodulin-dependent protein kinase type 1 OS=Mus musculus GN=Camk1 PE=1 SV=1
Q9QXL2-3	Kif21a	1.010281158	0.014756846	0.77181896	0.112484557	Isoform 3 of Kinesin-like protein KIF21A OS=Mus musculus GN=Kif21a
P21107	Tpm3	0.9260954	-0.110767276	0.772489262	0.112107549	Tropomyosin alpha-3 chain OS=Mus musculus GN=Tpm3 PE=1 SV=3
Q80TJ1	Cadps	1.012372234	0.017739845	0.772546597	0.112075316	Calcium-dependent secretion activator 1 OS=Mus musculus GN=Cadps PE=1 SV=3
Q9R0P9	Uchl1	1.008227763	0.011821587	0.772749655	0.11196118	Ubiquitin carboxyl-terminal hydrolase isozyme L1 OS=Mus musculus GN=Uchl1 PE=1 SV=1
Q71M36-3	Cspg5	1.023563407	0.033600476	0.772752273	0.111959709	Isoform 3 of Chondroitin sulfate proteoglycan 5 OS=Mus musculus GN=Cspg5
O35343	Kpna4	1.016062945	0.02298978	0.773648082	0.111456547	Importin subunit alpha-3 OS=Mus musculus GN=Kpna4 PE=1 SV=1
Q8R0F8	Fahd1	1.049667023	0.069931746	0.773682098	0.111437452	Acylpyruvase FAHD1, mitochondrial OS=Mus musculus GN=Fahd1 PE=1 SV=2
P62259	Ywhae	0.978380216	-0.031532864	0.773836877	0.111350578	14-3-3 protein epsilon OS=Mus musculus GN=Ywhae PE=1 SV=1
P47740	Aldh3a2	0.976703274	-0.034007763	0.773903584	0.111313142	Fatty aldehyde dehydrogenase OS=Mus musculus GN=Aldh3a2 PE=2 SV=2
Q91VM9-2	Ppa2	1.011515809	0.016518868	0.774413778	0.111026929	Isoform 2 of Inorganic pyrophosphatase 2, mitochondrial OS=Mus musculus GN=Ppa2
Q6URW6-3	Myh14	0.980614206	-0.028242433	0.774530678	0.110961376	Isoform 3 of Myosin-14 OS=Mus musculus GN=Myh14
Q8BR63	Fam177a1	1.013276889	0.01902846	0.774605385	0.110919488	Protein FAM177A1 OS=Mus musculus GN=Fam177a1 PE=2 SV=1
Q99L43	Cds2	0.957596191	-0.062510681	0.774896109	0.11075652	Phosphatidate cytidylyltransferase 2 OS=Mus musculus GN=Cds2 PE=1 SV=1
P62880	Gnb2	1.026721397	0.038044756	0.774904164	0.110752005	Guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta-2 OS=Mus musculus GN=Gnb2 PE=1 SV=3
Q3TXU5	Dhps	1.020555227	0.029354255	0.775860242	0.110216502	Deoxyhypusine synthase OS=Mus musculus GN=Dhps PE=2 SV=2
Q0KL02-4	Trio	0.985889633	-0.020501944	0.77588649	0.11020181	Isoform 4 of Triple functional domain protein OS=Mus musculus GN=Trio
Q9D0L4	Adck1	1.081507995	0.11304433	0.775905801	0.110191001	Uncharacterized aarF domain-containing protein kinase 1 OS=Mus musculus GN=Adck1 PE=2 SV=1
Q60902-4	Eps15l1	1.017500368	0.025029316	0.776533617	0.109839739	Isoform 4 of Epidermal growth factor receptor substrate 15-like 1 OS=Mus musculus GN=Eps15l1
Q9D8Y0	Efhd2	0.963803131	-0.053189606	0.776948803	0.109607598	EF-hand domain-containing protein D2 OS=Mus musculus GN=Efhd2 PE=1 SV=1
Q9JLZ3	Auh	0.991728218	-0.011983289	0.777074815	0.109537166	Methylglutaconyl-CoA hydratase, mitochondrial OS=Mus musculus GN=Auh PE=1 SV=1
P62983	Rps27a	1.012085975	0.017331849	0.777448882	0.109328157	Ubiquitin-40S ribosomal protein S27a OS=Mus musculus GN=Rps27a PE=1 SV=2
P10637-5	Mapt	0.974429301	-0.037370579	0.777486606	0.109307084	Isoform Tau-D of Microtubule-associated protein tau OS=Mus musculus GN=Mapt
P10637-2	Mapt	0.974429301	-0.037370579	0.777486606	0.109307084	Isoform Tau-A of Microtubule-associated protein tau OS=Mus musculus GN=Mapt
Q8BMK4	Ckap4	1.0078456	0.011274637	0.777500444	0.109299354	Cytoskeleton-associated protein 4 OS=Mus musculus GN=Ckap4 PE=1 SV=2
Q8BK30	Ndufv3	1.023750841	0.033864637	0.777507404	0.109295467	NADH dehydrogenase [ubiquinone] flavoprotein 3, mitochondrial OS=Mus musculus GN=Ndufv3 PE=2 SV=1
Q9D593	Atp6v1e2	1.027656595	0.03935825	0.777574774	0.109257837	V-type proton ATPase subunit E 2 OS=Mus musculus GN=Atp6v1e2 PE=2 SV=1
Q9WUU7	Ctsz	1.024276082	0.034604629	0.777664255	0.109207863	Cathepsin Z OS=Mus musculus GN=Ctsz PE=2 SV=1
Q9CZJ2	Hspa12b	0.972895788	-0.039642816	0.777683955	0.109196861	Heat shock 70 kDa protein 12B OS=Mus musculus GN=Hspa12b PE=1 SV=1
Q8VIM9	Irgq	0.971505614	-0.041705763	0.777774011	0.109146573	Immunity-related GTPase family Q protein OS=Mus musculus GN=Irgq PE=2 SV=1
Q9Z0H8	Clip2	0.990446569	-0.013848946	0.777897653	0.109077539	CAP-Gly domain-containing linker protein 2 OS=Mus musculus GN=Clip2 PE=1 SV=2
P60879-2	Snap25	1.025802474	0.036752956	0.77805069	0.108992108	Isoform 2 of Synaptosomal-associated protein 25 OS=Mus musculus GN=Snap25
Q8BRF7	Scfd1	1.033420608	0.047427558	0.778500549	0.108741077	Sec1 family domain-containing protein 1 OS=Mus musculus GN=Scfd1 PE=1 SV=1
P08226	Apoe	1.043978818	0.06209244	0.778897417	0.108519737	Apolipoprotein E OS=Mus musculus GN=Apoe PE=1 SV=2
Q9CQ79	Txndc9	0.926354249	-0.110364091	0.779708122	0.108067942	Thioredoxin domain-containing protein 9 OS=Mus musculus GN=Txndc9 PE=2 SV=1
Q08093	Cnn2	1.033444306	0.047460642	0.779778411	0.108028793	Calponin-2 OS=Mus musculus GN=Cnn2 PE=1 SV=1
O88738-3	Birc6	0.968588513	-0.046044202	0.779830222	0.107999938	Isoform 3 of Baculoviral IAP repeat-containing protein 6 OS=Mus musculus GN=Birc6
P0CG49	Ubb	1.01198865	0.01719311	0.780029687	0.107888868	Polyubiquitin-B OS=Mus musculus GN=Ubb PE=2 SV=1
Q3UHX2	Pdap1	0.982810251	-0.02501519	0.780771058	0.107476294	28 kDa heat- and acid-stable phosphoprotein OS=Mus musculus GN=Pdap1 PE=1 SV=1
O35381	Anp32a	0.975755714	-0.035408088	0.781275908	0.107195568	Acidic leucine-rich nuclear phosphoprotein 32 family member A OS=Mus musculus GN=Anp32a PE=1 SV=1
Q99KE1	Me2	0.960574569	-0.058030481	0.781559682	0.107037852	NAD-dependent malic enzyme, mitochondrial OS=Mus musculus GN=Me2 PE=2 SV=1
Q9D0I9	Rars	0.989279682	-0.015549648	0.781847289	0.106878065	Arginine--tRNA ligase, cytoplasmic OS=Mus musculus GN=Rars PE=2 SV=2
Q91YJ2	Snx4	0.959293971	-0.059955105	0.781968098	0.106810965	Sorting nexin-4 OS=Mus musculus GN=Snx4 PE=2 SV=1
Q8BU31	Rap2c	0.988008358	-0.017404848	0.782000542	0.106792946	Ras-related protein Rap-2c OS=Mus musculus GN=Rap2c PE=1 SV=1
P03911	Mtnd4	0.940338447	-0.08874799	0.782079596	0.106749044	NADH-ubiquinone oxidoreductase chain 4 OS=Mus musculus GN=Mtnd4 PE=1 SV=1
Q60605-2	Myl6	1.009270066	0.01331227	0.782361148	0.106592725	Isoform Smooth muscle of Myosin light polypeptide 6 OS=Mus musculus GN=Myl6
Q91VR7	Map1lc3a	0.976919467	-0.033688458	0.782372616	0.106586359	Microtubule-associated proteins 1A/1B light chain 3A OS=Mus musculus GN=Map1lc3a PE=1 SV=1
P58771	Tpm1	0.926862458	-0.10957283	0.782977895	0.106250499	Tropomyosin alpha-1 chain OS=Mus musculus GN=Tpm1 PE=1 SV=1
G3X9K3	Arfgef1	1.02997245	0.042605748	0.782989291	0.106244178	Brefeldin A-inhibited guanine nucleotide-exchange protein 1 OS=Mus musculus GN=Arfgef1 PE=2 SV=1
B2RY56	Rbm25	1.080669433	0.111925283	0.783041849	0.106215027	RNA-binding protein 25 OS=Mus musculus GN=Rbm25 PE=1 SV=2
Q811J3	Ireb2	0.961400091	-0.056791155	0.783289137	0.106077896	Iron-responsive element-binding protein 2 OS=Mus musculus GN=Ireb2 PE=2 SV=2
P97352	S100a13	0.979235399	-0.030272382	0.78329043	0.106077179	Protein S100-A13 OS=Mus musculus GN=S100a13 PE=1 SV=1
Q60902-3	Eps15l1	1.01708754	0.024443856	0.784078475	0.105640469	Isoform 3 of Epidermal growth factor receptor substrate 15-like 1 OS=Mus musculus GN=Eps15l1
Q8VEK3	Hnrnpu	0.985297518	-0.021368672	0.784561318	0.105373108	Heterogeneous nuclear ribonucleoprotein U OS=Mus musculus GN=Hnrnpu PE=1 SV=1
P28740-2	Kif2a	0.990296596	-0.014067414	0.784619035	0.10534116	Isoform 2 of Kinesin-like protein KIF2A OS=Mus musculus GN=Kif2a
Q3UHE1	Pitpnm3	0.976098584	-0.03490123	0.784686809	0.105303648	Membrane-associated phosphatidylinositol transfer protein 3 OS=Mus musculus GN=Pitpnm3 PE=2 SV=2
O88986	Gcat	1.026659921	0.037958371	0.784904071	0.105183418	2-amino-3-ketobutyrate coenzyme A ligase, mitochondrial OS=Mus musculus GN=Gcat PE=1 SV=2
Q91ZD4	Vangl2	1.059751822	0.083726447	0.784944587	0.105161001	Vang-like protein 2 OS=Mus musculus GN=Vangl2 PE=1 SV=3
Q9CYG7	Tomm34	1.025199964	0.035905333	0.784953632	0.105155997	Mitochondrial import receptor subunit TOM34 OS=Mus musculus GN=Tomm34 PE=2 SV=1
P98084	Apba2	1.021677806	0.030940303	0.785193022	0.105023568	Amyloid beta A4 precursor protein-binding family A member 2 OS=Mus musculus GN=Apba2 PE=1 SV=2
Q791T5	Mtch1	1.024688507	0.035185414	0.785454133	0.104879171	Mitochondrial carrier homolog 1 OS=Mus musculus GN=Mtch1 PE=2 SV=1
Q8BWZ3	Naa25	0.979448709	-0.02995815	0.786140896	0.10449961	N-alpha-acetyltransferase 25, NatB auxiliary subunit OS=Mus musculus GN=Naa25 PE=2 SV=1
P43276	Hist1h1b	1.01950699	0.027871667	0.786148882	0.104495199	Histone H1.5 OS=Mus musculus GN=Hist1h1b PE=1 SV=2
P48193	Epb41	0.987026424	-0.018839387	0.787103251	0.103968294	Protein 4.1 OS=Mus musculus GN=Epb41 PE=1 SV=2
O35226-4	Psmd4	0.98073322	-0.028067349	0.787185579	0.103922871	Isoform Rpn10D of 26S proteasome non-ATPase regulatory subunit 4 OS=Mus musculus GN=Psmd4
O55142	Rpl35a	0.954791749	-0.066741995	0.787899689	0.103529071	60S ribosomal protein L35a OS=Mus musculus GN=Rpl35a PE=1 SV=2
P33173	Kif1a	0.99059506	-0.013632668	0.787983879	0.103482667	Kinesin-like protein KIF1A OS=Mus musculus GN=Kif1a PE=1 SV=2
Q9Z0R9	Fads2	1.016814095	0.024055934	0.788301047	0.103307897	Fatty acid desaturase 2 OS=Mus musculus GN=Fads2 PE=2 SV=1
Q9ZZ04-4	Hnrnpc	0.981293226	-0.027243794	0.788301097	0.103307869	Isoform 4 of Heterogeneous nuclear ribonucleoproteins C1/C2 OS=Mus musculus GN=Hnrnpc

Accession	Gene	Fold Change (KO vs. WT)	Log2 Fold Change	Students T Test	-Log10 T Test	Description
Q68FD9	Kiaa1549	0.936182982	-0.095137555	0.788508056	0.103193865	UPF0606 protein KIAA1549 OS=Mus musculus GN=Kiaa1549 PE=1 SV=3
P13707	Gpd1	0.988089731	-0.017286032	0.788571447	0.103158952	Glycerol-3-phosphate dehydrogenase [NAD(+)], cytoplasmic OS=Mus musculus GN=Gpd1 PE=1 SV=3
Q2NL51	Gsk3a	0.987647827	-0.017931395	0.788773541	0.103047666	Glycogen synthase kinase-3 alpha OS=Mus musculus GN=Gsk3a PE=1 SV=2
Q8VDW0-2	Ddx39a	1.015358261	0.021988861	0.78886025	0.102999927	Isoform 2 of ATP-dependent RNA helicase DDX39A OS=Mus musculus GN=Ddx39a
Q9WU78-3	Pdcd6ip	1.00486558	0.007002527	0.788970466	0.102939253	Isoform 3 of Programmed cell death 6-interacting protein OS=Mus musculus GN=Pdcd6ip
Q9Z0N2	Eif2s3y	0.969188022	-0.045151519	0.788982795	0.102932467	Eukaryotic translation initiation factor 2 subunit 3, Y-linked OS=Mus musculus GN=Eif2s3y PE=2 SV=2
Q9DB15	Mrpl12	1.021279657	0.030377974	0.789184696	0.102821345	39S ribosomal protein L12, mitochondrial OS=Mus musculus GN=Mrpl12 PE=1 SV=2
Q9D0F3	Lman1	0.897410531	-0.156159981	0.789414352	0.102694982	Protein ERGIC-53 OS=Mus musculus GN=Lman1 PE=2 SV=1
P46471	Psmc2	1.005366854	0.00772203	0.789799398	0.102483202	26S protease regulatory subunit 7 OS=Mus musculus GN=Psmc2 PE=1 SV=5
P97765	Wbp2	0.988276411	-0.017013489	0.790036399	0.102352899	WW domain-binding protein 2 OS=Mus musculus GN=Wbp2 PE=1 SV=1
Q5SUR0	Pfas	0.970224527	-0.043609444	0.79119178	0.101718233	Phosphoribosylformylglycinamidine synthase OS=Mus musculus GN=Pfas PE=2 SV=1
Q9DCB4-3	Arpp21	1.021670849	0.030930479	0.791205501	0.101710702	Isoform 3 of cAMP-regulated phosphoprotein 21 OS=Mus musculus GN=Arpp21
Q99P72-1	Rtn4	1.026720591	0.038043624	0.791419799	0.101593089	Isoform 3 of Reticulon-4 OS=Mus musculus GN=Rtn4
Q8C167-3	Prepl	0.97973867	-0.029531111	0.791608377	0.101489619	Isoform 3 of Prolyl endopeptidase-like OS=Mus musculus GN=Prepl
Q8K0D0	Cdk17	1.017241982	0.024662909	0.792803319	0.10083454	Cyclin-dependent kinase 17 OS=Mus musculus GN=Cdk17 PE=1 SV=2
P40124	Cap1	1.010376298	0.014892701	0.793182879	0.100626668	Adenylyl cyclase-associated protein 1 OS=Mus musculus GN=Cap1 PE=1 SV=4
Q61330	Cntn2	0.985344746	-0.021299522	0.79322835	0.100601773	Contactin-2 OS=Mus musculus GN=Cntn2 PE=1 SV=2
Q9D1A2	Cndp2	1.009239659	0.013268804	0.793340431	0.100540412	Cytosolic non-specific dipeptidase OS=Mus musculus GN=Cndp2 PE=1 SV=1
Q9CXT8	Pmpcb	0.986025866	-0.020302602	0.793677159	0.100356118	Mitochondrial-processing peptidase subunit beta OS=Mus musculus GN=Pmpcb PE=2 SV=1
Q9D394	Rufy3	0.99001627	-0.014475859	0.793690754	0.100348679	Protein RUFY3 OS=Mus musculus GN=Rufy3 PE=1 SV=1
P55012	Slc12a2	1.030246615	0.042989724	0.79394628	0.100208882	Solute carrier family 12 member 2 OS=Mus musculus GN=Slc12a2 PE=1 SV=2
P35803-6	Gpm6b	0.970820814	-0.042723056	0.794049133	0.100152624	Isoform 6 of Neuronal membrane glycoprotein M6-b OS=Mus musculus GN=Gpm6b
Q9Z1B3	Plcb1	0.991423715	-0.012426327	0.794186101	0.100077718	1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase beta-1 OS=Mus musculus GN=Plcb1 PE=2 SV=2
Q91Z69	Srgap1	0.942209208	-0.085880664	0.79439848	0.099961596	SLIT-ROBO Rho GTPase-activating protein 1 OS=Mus musculus GN=Srgap1 PE=1 SV=2
P03995	Gfap	1.025188005	0.035888503	0.794420036	0.099949811	Glial fibrillary acidic protein OS=Mus musculus GN=Gfap PE=1 SV=4
Q8VEJ9	Vps4a	0.947940206	-0.077132035	0.794693708	0.099800226	Vacuolar protein sorting-associated protein 4A OS=Mus musculus GN=Vps4a PE=1 SV=1
Q9Z204	Hnrnpc	0.98184863	-0.026427471	0.794761844	0.099762991	Heterogeneous nuclear ribonucleoproteins C1/C2 OS=Mus musculus GN=Hnrnpc PE=1 SV=1
P62996	Tra2b	1.015851111	0.022688968	0.794938848	0.099666279	Transformer-2 protein homolog beta OS=Mus musculus GN=Tra2b PE=2 SV=1
P39053-2	Dnm1	1.014724085	0.021087496	0.795642539	0.099282005	Isoform 2 of Dynamin-1 OS=Mus musculus GN=Dnm1
Q3V3R1	Mthfd1l	1.006022177	0.008662108	0.795659431	0.099272785	Monofunctional C1-tetrahydrofolate synthase, mitochondrial OS=Mus musculus GN=Mthfd1l PE=1 SV=2
P00342	Ldhc	0.936267526	-0.095007276	0.795923555	0.099128642	L-lactate dehydrogenase C chain OS=Mus musculus GN=Ldhc PE=1 SV=2
P56376	Acyp1	0.975806628	-0.035332813	0.796092544	0.099036443	Acylphosphatase-1 OS=Mus musculus GN=Acyp1 PE=2 SV=2
Q80TJ1-2	Cadps	1.011279255	0.016181438	0.796205231	0.098974974	Isoform 2 of Calcium-dependent secretion activator 1 OS=Mus musculus GN=Cadps
Q6NS60	Fbxo41	1.064344206	0.08996479	0.796314753	0.098915238	F-box only protein 41 OS=Mus musculus GN=Fbxo41 PE=1 SV=3
Q9ERI6	Rdh14	1.016450882	0.023540502	0.79721311	0.098425568	Retinol dehydrogenase 14 OS=Mus musculus GN=Rdh14 PE=2 SV=1
Q9QX11	Cyth1	1.038595715	0.054634178	0.797674799	0.098174128	Cytohesin-1 OS=Mus musculus GN=Cyth1 PE=1 SV=2
P39053-6	Dnm1	1.014538025	0.020822938	0.797934468	0.098032774	Isoform 6 of Dynamin-1 OS=Mus musculus GN=Dnm1
Q9DAM7		0.97875804	-0.030975841	0.79793754	0.098031102	UPF0444 transmembrane protein C12orf23 homolog OS=Mus musculus PE=2 SV=1
Q91V12-3	Acot7	1.009769841	0.014026494	0.798008399	0.097992538	Isoform C of Cytosolic acyl coenzyme A thioester hydrolase OS=Mus musculus GN=Acot7
Q6PAV2	Herc4	1.147248694	0.198178164	0.798369406	0.097796114	Probable E3 ubiquitin-protein ligase HERC4 OS=Mus musculus GN=Herc4 PE=2 SV=2
Q8VHH5	Agap3	0.924611183	-0.113081283	0.798387196	0.097786436	Arf-GAP with GTPase, ANK repeat and PH domain-containing protein 3 OS=Mus musculus GN=Agap3 PE=1 SV=1
Q8K4I3	Arhgef6	1.018210591	0.026035978	0.798902026	0.097506477	Rho guanine nucleotide exchange factor 6 OS=Mus musculus GN=Arhgef6 PE=1 SV=1
Q9CQ21	Mcts2	0.976237176	-0.034696403	0.79925206	0.097316236	Malignant T-cell-amplified sequence 2 OS=Mus musculus GN=Mcts2 PE=2 SV=1
Q80TN4	Dnajc16	0.985947768	-0.020416875	0.799252343	0.097316082	DnaJ homolog subfamily C member 16 OS=Mus musculus GN=Dnajc16 PE=1 SV=2
Q07133	Hist1h1t	0.96679532	-0.048717606	0.799284832	0.097298429	Histone H1t OS=Mus musculus GN=Hist1h1t PE=1 SV=4
P61358	Rpl27	1.034992727	0.04962063	0.799311028	0.097284195	60S ribosomal protein L27 OS=Mus musculus GN=Rpl27 PE=1 SV=2
Q9Z2X1	Hnrnpf	1.028063485	0.039929356	0.800285278	0.096755173	Heterogeneous nuclear ribonucleoprotein F OS=Mus musculus GN=Hnrnpf PE=1 SV=3
P47199	Cryz	1.019118031	0.02732115	0.800306252	0.09674379	Quinone oxidoreductase OS=Mus musculus GN=Cryz PE=1 SV=1
P61924	Copz1	0.984279837	-0.022859554	0.800761305	0.096496921	Coatomer subunit zeta-1 OS=Mus musculus GN=Copz1 PE=2 SV=1
P02089	Hbb-b2	1.017131942	0.024506837	0.801347327	0.096179208	Hemoglobin subunit beta-2 OS=Mus musculus GN=Hbb-b2 PE=1 SV=2
P69566-2	Ranbp9	0.960647346	-0.057921181	0.801924036	0.095866769	Isoform 2 of Ran-binding protein 9 OS=Mus musculus GN=Ranbp9
Q99P72	Rtn4	1.007796181	0.011203894	0.801997342	0.095827071	Reticulon-4 OS=Mus musculus GN=Rtn4 PE=1 SV=2
Q9D1M4	Eef1e1	1.041218703	0.058273132	0.802145703	0.095746738	Eukaryotic translation elongation factor 1 epsilon-1 OS=Mus musculus GN=Eef1e1 PE=2 SV=1
P10649	Gstm1	0.985761618	-0.020689286	0.802764686	0.095411741	Glutathione S-transferase Mu 1 OS=Mus musculus GN=Gstm1 PE=1 SV=2
Q5SSM3-3	Arhgap44	0.951650054	-0.07149694	0.802930586	0.095321998	Isoform 3 of Rho GTPase-activating protein 44 OS=Mus musculus GN=Arhgap44
Q99K48	Nono	0.992623305	-0.010681768	0.803434395	0.09504958	Non-POU domain-containing octamer-binding protein OS=Mus musculus GN=Nono PE=1 SV=3
P59279	Rab2b	0.983874419	-0.023453912	0.803544251	0.094990202	Ras-related protein Rab-2B OS=Mus musculus GN=Rab2b PE=2 SV=1
Q9CQM9	Glrx3	1.015514449	0.022210767	0.803724	0.094893063	Glutaredoxin-3 OS=Mus musculus GN=Glrx3 PE=1 SV=1
Q921I6	Sh3bp4	0.940266709	-0.088858056	0.803832558	0.094834407	SH3 domain-binding protein 4 OS=Mus musculus GN=Sh3bp4 PE=2 SV=1
Q9EQZ6-3	Rapgef4	1.019212551	0.027454949	0.803886438	0.094805298	Isoform 3 of Rap guanine nucleotide exchange factor 4 OS=Mus musculus GN=Rapgef4
Q501J7-3	Phactr4	0.969271333	-0.045027512	0.804333234	0.094563987	Isoform 3 of Phosphatase and actin regulator 4 OS=Mus musculus GN=Phactr4
Q80VP1	Epn1	0.981082551	-0.027553561	0.804708663	0.094361324	Epsin-1 OS=Mus musculus GN=Epn1 PE=1 SV=3
Q60605	Myl6	1.008594948	0.012346904	0.80471522	0.094357784	Myosin light polypeptide 6 OS=Mus musculus GN=Myl6 PE=1 SV=3
P70671	Irf3	0.960385623	-0.058314288	0.804871563	0.094273416	Interferon regulatory factor 3 OS=Mus musculus GN=Irf3 PE=1 SV=1
O35593	Psmd14	0.988240567	-0.017065816	0.805198788	0.094096887	26S proteasome non-ATPase regulatory subunit 14 OS=Mus musculus GN=Psmd14 PE=1 SV=2
Q99PT1	Arhgdia	1.01876481	0.026821032	0.80528172	0.094052159	Rho GDP-dissociation inhibitor 1 OS=Mus musculus GN=Arhgdia PE=1 SV=3
O88735	Map7	0.964085717	-0.052766672	0.805365924	0.09400675	Ensconsin OS=Mus musculus GN=Map7 PE=1 SV=1
Q60972	Rbbp4	1.014282883	0.020460076	0.805480202	0.09394513	Histone-binding protein RBBP4 OS=Mus musculus GN=Rbbp4 PE=1 SV=5
Q9DBZ5-2	Eif3k	0.981296554	-0.027238901	0.80625421	0.093528005	Isoform 2 of Eukaryotic translation initiation factor 3 subunit K OS=Mus musculus GN=Eif3k
Q9Z1M8	Ik	1.038836561	0.054968695	0.806660181	0.09330938	Protein Red OS=Mus musculus GN=Ik PE=1 SV=2
Q9JHU4	Dync1h1	1.00965814	0.013866893	0.806913084	0.093173242	Cytoplasmic dynein 1 heavy chain 1 OS=Mus musculus GN=Dync1h1 PE=1 SV=2
Q9R087	Gpc6	1.054180147	0.076121427	0.80722299	0.093006478	Glypican-6 OS=Mus musculus GN=Gpc6 PE=1 SV=1
Q6DIC0	Smarca2	0.97393724	-0.038099287	0.807235694	0.092999643	Probable global transcription activator SNF2L2 OS=Mus musculus GN=Smarca2 PE=1 SV=1
O70133-3	Dhx9	0.992183867	-0.011320596	0.808066906	0.092552679	Isoform 3 of ATP-dependent RNA helicase A OS=Mus musculus GN=Dhx9
Q9CQV8	Ywhab	0.985020922	-0.021773726	0.808179877	0.092491967	14-3-3 protein beta/alpha OS=Mus musculus GN=Ywhab PE=1 SV=3
Q9Z1B3-3	Plcb1	0.99208718	-0.011461191	0.808882708	0.092114449	Isoform C of 1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase beta-1 OS=Mus musculus GN=Plcb1
Q60931	Vdac3	0.990420717	-0.013886602	0.809463116	0.091802935	Voltage-dependent anion-selective channel protein 3 OS=Mus musculus GN=Vdac3 PE=1 SV=1
Q8C3W1		0.979728592	-0.02954595	0.809919834	0.091557966	Uncharacterized protein C1orf198 homolog OS=Mus musculus PE=2 SV=1
P61082	Ube2m	0.980909145	-0.027808579	0.809939435	0.091547455	NEDD8-conjugating enzyme Ubc12 OS=Mus musculus GN=Ube2m PE=2 SV=1
Q03141-3	Mark3	0.982787198	-0.025049029	0.810238958	0.091386879	Isoform 3 of MAP/microtubule affinity-regulating kinase 3 OS=Mus musculus GN=Mark3
Q3U1J4	Ddb1	0.992027856	-0.011547464	0.810284341	0.091362554	DNA damage-binding protein 1 OS=Mus musculus GN=Ddb1 PE=1 SV=2
P42567	Eps15	1.062637697	0.087649798	0.810599388	0.091193728	Epidermal growth factor receptor substrate 15 OS=Mus musculus GN=Eps15 PE=1 SV=1
P39053-3	Dnm1	1.012082474	0.017326859	0.810930689	0.091016264	Isoform 3 of Dynamin-1 OS=Mus musculus GN=Dnm1
Q99KH8	Stk24	0.980723286	-0.028081962	0.81123794	0.090851747	Serine/threonine-protein kinase 24 OS=Mus musculus GN=Stk24 PE=1 SV=1
P47757	Capzb	1.018904384	0.027018673	0.81127118	0.090833952	F-actin-capping protein subunit beta OS=Mus musculus GN=Capzb PE=1 SV=3
Q569Z5	Ddx46	1.030758063	0.043705747	0.811412702	0.090758198	Probable ATP-dependent RNA helicase DDX46 OS=Mus musculus GN=Ddx46 PE=1 SV=2
Q9ERS2	Ndufa13	0.977652572	-0.032606228	0.811666469	0.090622395	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 13 OS=Mus musculus GN=Ndufa13 PE=1 SV=3
Q91ZJ5	Ugp2	0.977449088	-0.032906536	0.812180478	0.090347454	UTP--glucose-1-phosphate uridylyltransferase OS=Mus musculus GN=Ugp2 PE=2 SV=3
Q8C854-3	Myef2	0.973912194	-0.038136388	0.812531635	0.090159721	Isoform 2 of Myelin expression factor 2 OS=Mus musculus GN=Myef2
Q9Z2U0	Psma7	0.990788787	-0.013350553	0.812574621	0.090136746	Proteasome subunit alpha type-7 OS=Mus musculus GN=Psma7 PE=1 SV=1
Q5XJY5	Arcn1	1.016097499	0.023038842	0.812595712	0.090125474	Coatomer subunit delta OS=Mus musculus GN=Arcn1 PE=1 SV=2
P27612	Plaa	1.031786993	0.045145164	0.812684567	0.090077988	Phospholipase A-2-activating protein OS=Mus musculus GN=Plaa PE=1 SV=4
Q9CPQ8	Atp5l	0.978777493	-0.030947168	0.812949773	0.089936286	ATP synthase subunit g, mitochondrial OS=Mus musculus GN=Atp5l PE=1 SV=1
P61264	Stx1b	0.98246243	-0.025525856	0.812980462	0.089919892	Syntaxin-1B OS=Mus musculus GN=Stx1b PE=1 SV=1
Q9JKF6	Pvrl1	1.023049181	0.032875502	0.813000472	0.089909202	Poliovirus receptor-related protein 1 OS=Mus musculus GN=Pvrl1 PE=1 SV=3
P57746	Atp6v1d	1.008382456	0.012042924	0.813039681	0.089888258	V-type proton ATPase subunit D OS=Mus musculus GN=Atp6v1d PE=1 SV=1
Q02819	Nucb1	1.017778588	0.025423745	0.813040611	0.089887761	Nucleobindin-1 OS=Mus musculus GN=Nucb1 PE=1 SV=2
Q9Z0E0	Ncdn	1.012893737	0.018482828	0.81305463	0.089880273	Neurochondrin OS=Mus musculus GN=Ncdn PE=1 SV=1
Q8BH55	Thnsl1	0.986232778	-0.019999892	0.813066437	0.089873966	Threonine synthase-like 1 OS=Mus musculus GN=Thnsl1 PE=2 SV=1
P62322	Lsm5	0.986170789	-0.020090575	0.813200703	0.089802255	U6 snRNA-associated Sm-like protein LSm5 OS=Mus musculus GN=Lsm5 PE=3 SV=2
P11352	Gpx1	0.980739106	-0.02805869	0.814158318	0.089291136	Glutathione peroxidase 1 OS=Mus musculus GN=Gpx1 PE=1 SV=2
Q9D024	Ccdc47	1.018492777	0.026435749	0.814635442	0.089036699	Coiled-coil domain-containing protein 47 OS=Mus musculus GN=Ccdc47 PE=2 SV=2
Q8K4P8-3	Hecw1	1.013155328	0.018855373	0.814647388	0.089030331	Isoform 3 of E3 ubiquitin-protein ligase HECW1 OS=Mus musculus GN=Hecw1
Q61545	Ewsr1	0.981171316	-0.027423037	0.814860661	0.088916648	RNA-binding protein EWS OS=Mus musculus GN=Ewsr1 PE=1 SV=2
P61982	Ywhag	0.984472129	-0.022577732	0.815025833	0.088828626	14-3-3 protein gamma OS=Mus musculus GN=Ywhag PE=1 SV=2
A2AN08-5	Ubr4	1.018804758	0.026877603	0.815045344	0.088818229	Isoform 5 of E3 ubiquitin-protein ligase UBR4 OS=Mus musculus GN=Ubr4
O88939	Zbtb7a	1.023002525	0.032809706	0.815110093	0.088783729	Zinc finger and BTB domain-containing protein 7A OS=Mus musculus GN=Zbtb7a PE=1 SV=2
Q8VEH3	Arl8a	1.011804129	0.016930031	0.81551744	0.088566747	ADP-ribosylation factor-like protein 8A OS=Mus musculus GN=Arl8a PE=2 SV=1
Q9CXZ1	Ndufs4	0.977993304	-0.032103508	0.815573385	0.088536955	NADH dehydrogenase [ubiquinone] iron-sulfur protein 4, mitochondrial OS=Mus musculus GN=Ndufs4 PE=1 SV=3
Q61166	Mapre1	0.981197582	-0.027384417	0.816014939	0.08830189	Microtubule-associated protein RP/EB family member 1 OS=Mus musculus GN=Mapre1 PE=1 SV=3
Q6P9S0	Mtss1l	1.035557299	0.050407382	0.816659361	0.087959055	MTSS1-like protein OS=Mus musculus GN=Mtss1l PE=1 SV=1
Q923G2	Polr2h	1.02920199	0.041526152	0.816875534	0.087844111	DNA-directed RNA polymerases I, II, and III subunit RPABC3 OS=Mus musculus GN=Polr2h PE=2 SV=3
Q9JIH2	Nup50	0.970164492	-0.043698716	0.816946893	0.087806175	Nuclear pore complex protein Nup50 OS=Mus musculus GN=Nup50 PE=1 SV=3
Q7TPD3-2	Robo2	1.021843546	0.031174323	0.817069821	0.08774083	Isoform 2 of Roundabout homolog 2 OS=Mus musculus GN=Robo2
Q9WU79	Prodh	0.937767594	-0.09269767	0.817118998	0.087714692	Proline dehydrogenase 1, mitochondrial OS=Mus musculus GN=Prodh PE=1 SV=2
P84104	Srsf3	0.991472567	-0.012355239	0.817153951	0.087696115	Serine/arginine-rich splicing factor 3 OS=Mus musculus GN=Srsf3 PE=1 SV=1
O88544	Cops4	0.991731102	-0.011979093	0.817528476	0.087497111	COP9 signalosome complex subunit 4 OS=Mus musculus GN=Cops4 PE=1 SV=1

Accession	Gene	Fold Change (KO vs. WT)	Log2 Fold Change	Students T Test	-Log10 T Test	Description
P18872	Gnao1	1.01148766	0.016478719	0.817566887	0.087476706	Guanine nucleotide-binding protein G(o) subunit alpha OS=Mus musculus GN=Gnao1 PE=1 SV=3
P14733	Lmnb1	0.984027589	-0.02322933	0.81784611	0.087328408	Lamin-B1 OS=Mus musculus GN=Lmnb1 PE=1 SV=3
P61290	Psme3	1.011746052	0.016847219	0.817929185	0.087284295	Proteasome activator complex subunit 3 OS=Mus musculus GN=Psme3 PE=1 SV=1
Q80YR5	Safb2	1.020551923	0.029349585	0.818079859	0.0872043	Scaffold attachment factor B2 OS=Mus musculus GN=Safb2 PE=2 SV=2
A2CG49-4	Kalrn	1.262798635	0.336624606	0.818155084	0.087164367	Isoform 4 of Kalirin OS=Mus musculus GN=Kalrn
A2A4P0	Dhx8	1.028670245	0.04078058	0.818249874	0.087114053	ATP-dependent RNA helicase DHX8 OS=Mus musculus GN=Dhx8 PE=2 SV=1
Q62178	Sema4a	0.964341307	-0.052384248	0.818382332	0.087043755	Semaphorin-4A OS=Mus musculus GN=Sema4a PE=1 SV=2
Q9D3D9	Atp5d	0.98643734	-0.019700683	0.818641956	0.086906001	ATP synthase subunit delta, mitochondrial OS=Mus musculus GN=Atp5d PE=1 SV=1
Q80YF9	Arhgap33	1.046535804	0.065621669	0.819005447	0.08671321	Rho GTPase-activating protein 33 OS=Mus musculus GN=Arhgap33 PE=1 SV=1
Q8C0E2-2	Vps26b	1.026854365	0.038231583	0.819140503	0.0866416	Isoform 2 of Vacuolar protein sorting-associated protein 26B OS=Mus musculus GN=Vps26b
Q9CPT4	D17Wsu104e	0.975841621	-0.035281077	0.819801185	0.086291458	UPF0556 protein C19orf10 homolog OS=Mus musculus GN=D17Wsu104e PE=2 SV=1
Q6ZPJ3	Ube2o	1.009070541	0.013027032	0.819947534	0.086213936	Ubiquitin-conjugating enzyme E2 O OS=Mus musculus GN=Ube2o PE=1 SV=3
Q99KK9	Hars2	0.9778809	-0.03226933	0.820268375	0.086044032	Probable histidine--tRNA ligase, mitochondrial OS=Mus musculus GN=Hars2 PE=2 SV=1
Q9CY64	Blvra	1.039699309	0.056166347	0.820425931	0.085960622	Biliverdin reductase A OS=Mus musculus GN=Blvra PE=2 SV=1
Q8BNY6	Ncs1	1.011179649	0.016039333	0.820714957	0.085807652	Neuronal calcium sensor 1 OS=Mus musculus GN=Ncs1 PE=2 SV=3
P21278	Gna11	1.009026235	0.012963685	0.820859777	0.085731025	Guanine nucleotide-binding protein subunit alpha-11 OS=Mus musculus GN=Gna11 PE=1 SV=1
Q9ESW4-2	Agk	1.024872909	0.035445017	0.821111523	0.085597853	Isoform 2 of Acylglycerol kinase, mitochondrial OS=Mus musculus GN=Agk
Q60598	Cttn	0.976315097	-0.034581254	0.821236159	0.085531937	Src substrate cortactin OS=Mus musculus GN=Cttn PE=1 SV=2
P31648	Slc6a1	1.04408521	0.062239458	0.82126051	0.085519059	Sodium- and chloride-dependent GABA transporter 1 OS=Mus musculus GN=Slc6a1 PE=1 SV=2
Q8R105-2	Vps37c	1.014320859	0.02051409	0.82128766	0.085504703	Isoform 2 of Vacuolar protein sorting-associated protein 37C OS=Mus musculus GN=Vps37c
Q99KY4	Gak	0.963004791	-0.054385119	0.821445054	0.085421481	Cyclin-G-associated kinase OS=Mus musculus GN=Gak PE=1 SV=2
Q8BH69	Sephs1	0.941266988	-0.087324097	0.821551502	0.085365206	Selenide, water dikinase 1 OS=Mus musculus GN=Sephs1 PE=2 SV=1
Q8VBV7	Cops8	0.981564757	-0.026844645	0.821574228	0.085353193	COP9 signalosome complex subunit 8 OS=Mus musculus GN=Cops8 PE=1 SV=1
Q8CJG0	Ago2	0.991025909	-0.01300532	0.821727115	0.085272382	Protein argonaute-2 OS=Mus musculus GN=Ago2 PE=1 SV=3
Q64433	Hspe1	1.008438364	0.012122908	0.821877887	0.085192704	10 kDa heat shock protein, mitochondrial OS=Mus musculus GN=Hspe1 PE=1 SV=2
P39053-5	Dnm1	1.0118041	0.016929991	0.821888696	0.085186993	Isoform 5 of Dynamin-1 OS=Mus musculus GN=Dnm1
P80316	Cct5	1.006715398	0.009655886	0.822139805	0.085054324	T-complex protein 1 subunit epsilon OS=Mus musculus GN=Cct5 PE=1 SV=1
P47802	Mtx1	0.95323211	-0.069100545	0.822355813	0.084940233	Metaxin-1 OS=Mus musculus GN=Mtx1 PE=1 SV=1
Q8K1A6	Cc2d1a	1.041780268	0.059051016	0.822484284	0.084872392	Coiled-coil and C2 domain-containing protein 1A OS=Mus musculus GN=Cc2d1a PE=1 SV=2
Q61879	Myh10	1.006906076	0.009929115	0.822548162	0.084838664	Myosin-10 OS=Mus musculus GN=Myh10 PE=1 SV=2
Q62083	Pick1	1.017066479	0.024413982	0.82306499	0.084565871	PRKCA-binding protein OS=Mus musculus GN=Pick1 PE=1 SV=2
Q03265	Atp5a1	1.0104478	0.014994794	0.823346865	0.084417164	ATP synthase subunit alpha, mitochondrial OS=Mus musculus GN=Atp5a1 PE=1 SV=1
Q6PDQ2	Chd4	0.993648635	-0.009192306	0.82345134	0.084362059	Chromodomain-helicase-DNA-binding protein 4 OS=Mus musculus GN=Chd4 PE=1 SV=1
Q9WVA3	Bub3	0.973434175	-0.038844669	0.823534205	0.084318358	Mitotic checkpoint protein BUB3 OS=Mus musculus GN=Bub3 PE=2 SV=2
Q9WU78	Pdcd6ip	1.003864776	0.005564946	0.823869073	0.0841418	Programmed cell death 6-interacting protein OS=Mus musculus GN=Pdcd6ip PE=1 SV=3
Q8R127	Sccpdh	0.984366115	-0.022733098	0.824632264	0.083739677	Saccharopine dehydrogenase-like oxidoreductase OS=Mus musculus GN=Sccpdh PE=2 SV=1
Q99PU8-3	Dhx30	1.021028591	0.030023266	0.824678529	0.083715312	Isoform 3 of Putative ATP-dependent RNA helicase DHX30 OS=Mus musculus GN=Dhx30
O70251	Eef1b	0.983807117	-0.023552604	0.824712964	0.083697179	Elongation factor 1-beta OS=Mus musculus GN=Eef1b PE=1 SV=5
O88741	Gdap1	0.980026244	-0.029107711	0.825185158	0.083448592	Ganglioside-induced differentiation-associated protein 1 OS=Mus musculus GN=Gdap1 PE=1 SV=1
Q9EQI8	Mrpl46	1.020447658	0.029202184	0.825306991	0.083384476	39S ribosomal protein L46, mitochondrial OS=Mus musculus GN=Mrpl46 PE=1 SV=1
Q8R570	Snap47	0.972816582	-0.039760274	0.825383933	0.083343989	Synaptosomal-associated protein 47 OS=Mus musculus GN=Snap47 PE=1 SV=1
Q9CPR5	Mrpl15	1.012537393	0.017975188	0.825505581	0.083279986	39S ribosomal protein L15, mitochondrial OS=Mus musculus GN=Mrpl15 PE=2 SV=1
Q9QZD9	Eif3i	1.021898705	0.031252197	0.826199022	0.082915323	Eukaryotic translation initiation factor 3 subunit I OS=Mus musculus GN=Eif3i PE=1 SV=1
Q8C854-2	Myef2	0.966615717	-0.048985642	0.826338031	0.082842259	Isoform 4 of Myelin expression factor 2 OS=Mus musculus GN=Myef2
Q80UG2	Plxna4	1.005399823	0.00776934	0.826341647	0.082840359	Plexin-A4 OS=Mus musculus GN=Plxna4 PE=1 SV=3
Q99NF2-3	Nsmf	1.013279157	0.01903169	0.826862052	0.082566939	Isoform 3 of NMDA receptor synaptonuclear signaling and neuronal migration factor OS=Mus musculus GN=Nsmf
Q9DB77	Uqcrc2	1.00959705	0.0137796	0.82687791	0.08255861	Cytochrome b-c1 complex subunit 2, mitochondrial OS=Mus musculus GN=Uqcrc2 PE=1 SV=1
P50544	Acadvl	0.98843463	-0.016782538	0.827322195	0.082325325	Very long-chain specific acyl-CoA dehydrogenase, mitochondrial OS=Mus musculus GN=Acadvl PE=1 SV=3
P60766-1	Cdc42	0.992401503	-0.011004175	0.827380286	0.082294831	Isoform 1 of Cell division control protein 42 homolog OS=Mus musculus GN=Cdc42
Q6P9K9	Nrxn3	0.989620962	-0.015052036	0.827650026	0.082153267	Neurexin-3 OS=Mus musculus GN=Nrxn3 PE=1 SV=2
P86048	Rpl10l	1.009876404	0.014178736	0.827670015	0.082142778	60S ribosomal protein L10-like OS=Mus musculus GN=Rpl10l PE=2 SV=1
Q6ZPU9	Kbp	0.973372221	-0.038936493	0.82811474	0.081909485	KIF1-binding protein OS=Mus musculus GN=Kbp PE=2 SV=2
B1AZP2-3	Dlgap4	1.020015278	0.028590762	0.828454981	0.081731087	Isoform 3 of Disks large-associated protein 4 OS=Mus musculus GN=Dlgap4
Q8BHN3	Ganab	0.971540713	-0.04165364	0.828741007	0.081581171	Neutral alpha-glucosidase AB OS=Mus musculus GN=Ganab PE=1 SV=1
B7ZNG0	Kif7	0.985210367	-0.021496285	0.828745594	0.081578768	Kinesin-like protein KIF7 OS=Mus musculus GN=Kif7 PE=1 SV=1
Q8VHJ5	Mark1	0.983360274	-0.024208021	0.828882404	0.08150708	Serine/threonine-protein kinase MARK1 OS=Mus musculus GN=Mark1 PE=1 SV=2
O70585	Dtnb	0.976369623	-0.034500684	0.828933906	0.081480096	Dystrobrevin beta OS=Mus musculus GN=Dtnb PE=1 SV=3
Q61411-2	Hras	0.987323737	-0.018404883	0.830227099	0.080803095	Isoform 2 of GTPase HRas OS=Mus musculus GN=Hras
P60670	Nploc4	0.989421573	-0.015342739	0.830366817	0.080730014	Nuclear protein localization protein 4 homolog OS=Mus musculus GN=Nploc4 PE=1 SV=3
P30275	Ckmt1	0.985626006	-0.020887772	0.830483503	0.08066899	Creatine kinase U-type, mitochondrial OS=Mus musculus GN=Ckmt1 PE=1 SV=1
Q80XR2	Atp2c1	1.078258588	0.108703207	0.831204836	0.080291939	Calcium-transporting ATPase type 2C member 1 OS=Mus musculus GN=Atp2c1 PE=1 SV=2
Q8BMS1	Hadha	0.99197208	-0.01162858	0.831309022	0.080237506	Trifunctional enzyme subunit alpha, mitochondrial OS=Mus musculus GN=Hadha PE=1 SV=1
Q9ESN9-5	Mapk8ip3	0.987189099	-0.018601631	0.831389308	0.080195565	Isoform 3a of C-Jun-amino-terminal kinase-interacting protein 3 OS=Mus musculus GN=Mapk8ip3
Q80TL4	Kiaa1045	0.960739053	-0.057783463	0.831394342	0.080192935	Protein KIAA1045 OS=Mus musculus GN=Kiaa1045 PE=2 SV=2
Q9CQ86	Mien1	0.974412408	-0.03739559	0.831522905	0.080125784	Migration and invasion enhancer 1 OS=Mus musculus GN=Mien1 PE=1 SV=1
Q9JJI8	Rpl38	0.991380887	-0.01248865	0.832006493	0.079873284	60S ribosomal protein L38 OS=Mus musculus GN=Rpl38 PE=2 SV=3
Q8CGK3	Lonp1	0.977523526	-0.032796671	0.833069454	0.079318789	Lon protease homolog, mitochondrial OS=Mus musculus GN=Lonp1 PE=1 SV=2
Q9CY45	N6amt2	1.020478196	0.029245358	0.833750436	0.078963926	N(6)-adenine-specific DNA methyltransferase 2 OS=Mus musculus GN=N6amt2 PE=2 SV=1
Q80U63	Mfn2	1.028377638	0.040370145	0.834128025	0.078767287	Mitofusin-2 OS=Mus musculus GN=Mfn2 PE=1 SV=3
F6SEU4	Syngap1	0.981042758	-0.027612078	0.834334221	0.078659943	Ras/Rap GTPase-activating protein SynGAP OS=Mus musculus GN=Syngap1 PE=1 SV=2
Q9EQ20	Aldh6a1	1.008340932	0.011983513	0.834666305	0.078487118	Methylmalonate-semialdehyde dehydrogenase [acylating], mitochondrial OS=Mus musculus GN=Aldh6a1 PE=1 SV=1
P43006-3	Slc1a2	1.019326514	0.027616254	0.83513258	0.078244574	Isoform Glt-1B of Excitatory amino acid transporter 2 OS=Mus musculus GN=Slc1a2
Q9EQH3	Vps35	1.012284663	0.017615045	0.835283315	0.078166194	Vacuolar protein sorting-associated protein 35 OS=Mus musculus GN=Vps35 PE=1 SV=1
Q9DBL7	Coasy	0.988573712	-0.016579552	0.835288343	0.078163579	Bifunctional coenzyme A synthase OS=Mus musculus GN=Coasy PE=1 SV=2
Q9WV60	Gsk3b	1.011940453	0.017124399	0.835580412	0.078011749	Glycogen synthase kinase-3 beta OS=Mus musculus GN=Gsk3b PE=1 SV=2
Q9Z1S5	Sept3	0.991516432	-0.012291414	0.836586203	0.077489302	Neuronal-specific septin-3 OS=Mus musculus GN=Sept3 PE=1 SV=2
Q8C854	Myef2	0.977834982	-0.032337076	0.837360156	0.077087708	Myelin expression factor 2 OS=Mus musculus GN=Myef2 PE=1 SV=1
Q99LE6	Abcf2	1.035475186	0.050292981	0.837404428	0.077064747	ATP-binding cassette sub-family F member 2 OS=Mus musculus GN=Abcf2 PE=2 SV=1
Q61136	Prpf4b	0.98583521	-0.020581586	0.837435415	0.077048677	Serine/threonine-protein kinase PRP4 homolog OS=Mus musculus GN=Prpf4b PE=1 SV=3
P03921	Mtnd5	1.021497269	0.030685347	0.837466033	0.077032799	NADH-ubiquinone oxidoreductase chain 5 OS=Mus musculus GN=Mtnd5 PE=3 SV=2
Q9CWZ7	Napg	1.006305293	0.009068057	0.837629515	0.076948028	Gamma-soluble NSF attachment protein OS=Mus musculus GN=Napg PE=1 SV=1
Q8VD37-8	Sgip1	1.008262094	0.011870711	0.838321825	0.076589227	Isoform 7 of SH3-containing GRB2-like protein 3-interacting protein 1 OS=Mus musculus GN=Sgip1
Q8BQ47	Cnpy4	1.027680784	0.039392207	0.838733218	0.076376156	Protein canopy homolog 4 OS=Mus musculus GN=Cnpy4 PE=1 SV=1
Q7TNP2	Ppp2r1b	0.99212933	-0.011399897	0.838786473	0.076348582	Serine/threonine-protein phosphatase 2A 65 kDa regulatory subunit A beta isoform OS=Mus musculus GN=Ppp2r1b PE=1 SV=2
A2AJA9	Gm996	0.968823154	-0.04569475	0.839013431	0.076231087	Uncharacterized protein C9orf172 homolog OS=Mus musculus GN=Gm996 PE=1 SV=1
O35841	Api5	1.017935462	0.025646097	0.839144034	0.076163489	Apoptosis inhibitor 5 OS=Mus musculus GN=Api5 PE=1 SV=2
Q9DC61	Pmpca	0.986541195	-0.0195488	0.839283048	0.076091549	Mitochondrial-processing peptidase subunit alpha OS=Mus musculus GN=Pmpca PE=1 SV=1
P63137	Gabrb2	0.983276219	-0.024331344	0.839428914	0.076016075	Gamma-aminobutyric acid receptor subunit beta-2 OS=Mus musculus GN=Gabrb2 PE=1 SV=2
P97351	Rps3a	1.00705817	0.010147019	0.839771851	0.075838687	40S ribosomal protein S3a OS=Mus musculus GN=Rps3a PE=1 SV=3
Q99LP6	Grpel1	0.9786447	-0.031142915	0.840289718	0.075570951	GrpE protein homolog 1, mitochondrial OS=Mus musculus GN=Grpel1 PE=1 SV=1
O88689-3	Pcdha4	0.943011111	-0.084653326	0.840673187	0.075372804	Isoform 3 of Protocadherin alpha-4 OS=Mus musculus GN=Pcdha4
Q8BMF4	Dlat	0.99025006	-0.014135211	0.840867027	0.075272677	Dihydrolipoyllysine-residue acetyltransferase component of pyruvate dehydrogenase complex, mitochondrial OS=Mus musculus GN=Dlat PE=1 SV=2
P0C028	Nudt11	1.019050257	0.027225203	0.840873914	0.07526912	Diphosphoinositol polyphosphate phosphohydrolase 3-beta OS=Mus musculus GN=Nudt11 PE=1 SV=1
Q8BXC6	Commd2	1.020636009	0.029468447	0.840934802	0.075237674	COMM domain-containing protein 2 OS=Mus musculus GN=Commd2 PE=1 SV=1
Q80U63-2	Mfn2	0.975533719	-0.035736355	0.841222474	0.075089133	Isoform 2 of Mitofusin-2 OS=Mus musculus GN=Mfn2
Q9D0T1	Nhp2l1	1.007998357	0.011493287	0.841527453	0.074931712	NHP2-like protein 1 OS=Mus musculus GN=Nhp2l1 PE=1 SV=4
Q91YR7	Prpf6	0.973926067	-0.038115837	0.841730531	0.07482692	Pre-mRNA-processing factor 6 OS=Mus musculus GN=Prpf6 PE=2 SV=1
Q9CQM5	Txndc17	0.990700463	-0.013479168	0.841796461	0.074792904	Thioredoxin domain-containing protein 17 OS=Mus musculus GN=Txndc17 PE=1 SV=1
P08556	Nras	0.991194385	-0.01276008	0.842059068	0.074657443	GTPase NRas OS=Mus musculus GN=Nras PE=2 SV=1
Q80SW1	Ahcyl1	1.008937652	0.012837025	0.842462742	0.074449297	Putative adenosylhomocysteinase 2 OS=Mus musculus GN=Ahcyl1 PE=1 SV=1
Q5DTT2-2	Psd	0.979823288	-0.029406514	0.842743101	0.074304794	Isoform 2 of PH and SEC7 domain-containing protein 1 OS=Mus musculus GN=Psd
Q8BG73	Sh3bgrl2	1.02401108	0.034231325	0.843125356	0.07410785	SH3 domain-binding glutamic acid-rich-like protein 2 OS=Mus musculus GN=Sh3bgrl2 PE=1 SV=1
Q8R3T5	Stxbp6	1.025649723	0.036538109	0.843151321	0.074094475	Syntaxin-binding protein 6 OS=Mus musculus GN=Stxbp6 PE=2 SV=1
Q03958	Pfdn6	1.010868875	0.015595871	0.843260596	0.074038193	Prefoldin subunit 6 OS=Mus musculus GN=Pfdn6 PE=2 SV=1
Q9CZ13	Uqcrc1	1.012861939	0.018437536	0.843274974	0.074030788	Cytochrome b-c1 complex subunit 1, mitochondrial OS=Mus musculus GN=Uqcrc1 PE=1 SV=2
P09405	Ncl	0.993094682	-0.009996824	0.843537682	0.073895512	Nucleolin OS=Mus musculus GN=Ncl PE=1 SV=2
P60766	Cdc42	0.98834557	-0.016912535	0.843567869	0.073879971	Cell division control protein 42 homolog OS=Mus musculus GN=Cdc42 PE=1 SV=2
Q61490	Alcam	0.987125785	-0.018694162	0.843937594	0.073689667	CD166 antigen OS=Mus musculus GN=Alcam PE=1 SV=3
Q9Z0F7	Sncg	1.021506276	0.030698068	0.844626293	0.073335403	Gamma-synuclein OS=Mus musculus GN=Sncg PE=1 SV=1
A2ASZ8-3	Slc25a25	0.964673588	-0.051887228	0.844761504	0.073265885	Isoform 3 of Calcium-binding mitochondrial carrier protein SCaMC-2 OS=Mus musculus GN=Slc25a25
Q9DCC8	Tomm20	0.979355138	-0.030095983	0.844957881	0.073164939	Mitochondrial import receptor subunit TOM20 homolog OS=Mus musculus GN=Tomm20 PE=1 SV=1
Q60817	Naca	0.985157954	-0.021573039	0.845166955	0.073057491	Nascent polypeptide-associated complex subunit alpha OS=Mus musculus GN=Naca PE=1 SV=1
O35326	Srsf5	0.98443023	-0.022639135	0.845351616	0.072962613	Serine/arginine-rich splicing factor 5 OS=Mus musculus GN=Srsf5 PE=1 SV=2
Q9CQ62	Decr1	0.9781399	-0.031887271	0.845540196	0.072865742	2,4-dienoyl-CoA reductase, mitochondrial OS=Mus musculus GN=Decr1 PE=1 SV=1
Q99JP0	Map4k3	0.97196342	-0.041026076	0.845728651	0.072768957	Mitogen-activated protein kinase kinase kinase kinase 3 OS=Mus musculus GN=Map4k3 PE=1 SV=4
Q8VD37-6	Sgip1	1.007897892	0.01134949	0.845730218	0.072768152	Isoform 6 of SH3-containing GRB2-like protein 3-interacting protein 1 OS=Mus musculus GN=Sgip1
Q4ACU6-11	Shank3	1.033310858	0.047274336	0.846148335	0.072553496	Isoform 3 of SH3 and multiple ankyrin repeat domains protein 3 OS=Mus musculus GN=Shank3

Accession	Gene	Fold Change (KO vs. WT)	Log2 Fold Change	Students T Test	-Log10 T Test	Description
Q61074	Ppm1g	1.007982293	0.011470295	0.846386551	0.072431246	Protein phosphatase 1G OS=Mus musculus GN=Ppm1g PE=1 SV=3
Q62318-2	Trim28	1.010000308	0.014355733	0.846523512	0.072360975	Isoform 2 of Transcription intermediary factor 1-beta OS=Mus musculus GN=Trim28
Q8BJI1	Slc6a17	0.990124547	-0.014318083	0.846785481	0.072226597	Sodium-dependent neutral amino acid transporter SLC6A17 OS=Mus musculus GN=Slc6a17 PE=1 SV=1
Q9DBP5	Cmpk1	0.984508187	-0.022524891	0.846966785	0.072133621	UMP-CMP kinase OS=Mus musculus GN=Cmpk1 PE=1 SV=1
P06151	Ldha	0.988297205	-0.016983135	0.847304115	0.071960684	L-lactate dehydrogenase A chain OS=Mus musculus GN=Ldha PE=1 SV=3
O35143	Atpif1	0.966474043	-0.049197109	0.847570727	0.071824051	ATPase inhibitor, mitochondrial OS=Mus musculus GN=Atpif1 PE=1 SV=2
P35803-2	Gpm6b	0.984224342	-0.022940897	0.847710414	0.071752482	Isoform 2 of Neuronal membrane glycoprotein M6-b OS=Mus musculus GN=Gpm6b
Q5SSM3-4	Arhgap44	0.960816745	-0.057666801	0.847891406	0.071659767	Isoform 4 of Rho GTPase-activating protein 44 OS=Mus musculus GN=Arhgap44
Q99K70-2	Rragc	1.028537948	0.040595023	0.847954558	0.071627421	Isoform 2 of Ras-related GTP-binding protein C OS=Mus musculus GN=Rragc
P24547	Impdh2	0.943644655	-0.083684404	0.848322572	0.071438977	Inosine-5'-monophosphate dehydrogenase 2 OS=Mus musculus GN=Impdh2 PE=1 SV=2
Q8VD37-3	Sgip1	1.007698721	0.01106437	0.848732785	0.071229022	Isoform 3 of SH3-containing GRB2-like protein 3-interacting protein 1 OS=Mus musculus GN=Sgip1
P61294	Rab6b	0.991554333	-0.012236267	0.84876514	0.071212466	Ras-related protein Rab-6B OS=Mus musculus GN=Rab6b PE=1 SV=1
Q8K4F5	Abhd11	0.992666545	-0.010618924	0.848854209	0.071166894	Alpha/beta hydrolase domain-containing protein 11 OS=Mus musculus GN=Abhd11 PE=1 SV=1
Q9D710	Tmx2	1.047471154	0.066910514	0.849275801	0.07095125	Thioredoxin-related transmembrane protein 2 OS=Mus musculus GN=Tmx2 PE=2 SV=1
B1AZP2	Dlgap4	1.017181087	0.024576543	0.849885186	0.070639741	Disks large-associated protein 4 OS=Mus musculus GN=Dlgap4 PE=1 SV=1
Q3UJB9	Edc4	0.980222025	-0.028819531	0.849999117	0.070581525	Enhancer of mRNA-decapping protein 4 OS=Mus musculus GN=Edc4 PE=1 SV=2
Q9DCZ4	Apoo	0.945990958	-0.080101701	0.850356092	0.070399172	Apolipoprotein O OS=Mus musculus GN=Apoo PE=2 SV=1
P35438	Grin1	0.986192259	-0.020059167	0.8506222	0.070263287	Glutamate receptor ionotropic, NMDA 1 OS=Mus musculus GN=Grin1 PE=1 SV=1
P70175	Dlg3	1.014010677	0.020072843	0.851190112	0.06997343	Disks large homolog 3 OS=Mus musculus GN=Dlg3 PE=1 SV=1
Q7M6Y3-3	Picalm	0.989551726	-0.015152973	0.851337043	0.069898469	Isoform 3 of Phosphatidylinositol-binding clathrin assembly protein OS=Mus musculus GN=Picalm
Q9D1M0	Sec13	0.984145412	-0.023056599	0.851383417	0.069874813	Protein SEC13 homolog OS=Mus musculus GN=Sec13 PE=2 SV=3
Q8JZN7	Rhot2	0.979370423	-0.030073468	0.851533574	0.069798224	Mitochondrial Rho GTPase 2 OS=Mus musculus GN=Rhot2 PE=2 SV=1
Q91ZZ3	Sncb	0.983326639	-0.024257368	0.851550938	0.069789368	Beta-synuclein OS=Mus musculus GN=Sncb PE=1 SV=1
Q9QYB8-3	Add2	0.990061824	-0.014409479	0.851912084	0.069605221	Isoform 3 of Beta-adducin OS=Mus musculus GN=Add2
Q8R366	Igsf8	1.05035405	0.07087571	0.85202855	0.069545853	Immunoglobulin superfamily member 8 OS=Mus musculus GN=Igsf8 PE=1 SV=2
P16627	Hspa1l	1.01277877	0.018319068	0.852404233	0.069354402	Heat shock 70 kDa protein 1-like OS=Mus musculus GN=Hspa1l PE=2 SV=4
Q9WUK2	Eif4h	1.009244478	0.013275694	0.852866697	0.069118844	Eukaryotic translation initiation factor 4H OS=Mus musculus GN=Eif4h PE=1 SV=3
Q5DTT2	Psd	0.981127938	-0.02748682	0.852959448	0.069071616	PH and SEC7 domain-containing protein 1 OS=Mus musculus GN=Psd PE=1 SV=2
Q5SX39	Myh4	1.022593101	0.032232198	0.853036112	0.069032583	Myosin-4 OS=Mus musculus GN=Myh4 PE=1 SV=1
O35678	Mgll	1.012919161	0.018519041	0.853114491	0.068992681	Monoglyceride lipase OS=Mus musculus GN=Mgll PE=1 SV=1
Q8BGU5	Ccny	1.014914567	0.02135829	0.853659991	0.068715072	Cyclin-Y OS=Mus musculus GN=Ccny PE=1 SV=1
Q91XL9	Osbpl1a	0.986367077	-0.019803448	0.854232499	0.06842391	Oxysterol-binding protein-related protein 1 OS=Mus musculus GN=Osbpl1a PE=1 SV=2
P28652	Camk2b	0.989623467	-0.015048383	0.854297832	0.068390696	Calcium/calmodulin-dependent protein kinase type II subunit beta OS=Mus musculus GN=Camk2b PE=1 SV=2
Q7TSY6-3	Celf4	1.021344576	0.030469677	0.854318081	0.068380402	Isoform 3 of CUGBP Elav-like family member 4 OS=Mus musculus GN=Celf4
P83917	Cbx1	1.036776787	0.052105322	0.854319179	0.068379844	Chromobox protein homolog 1 OS=Mus musculus GN=Cbx1 PE=1 SV=1
O70421	Fzd1	1.08127256	0.112730234	0.854554336	0.068260318	Frizzled-1 OS=Mus musculus GN=Fzd1 PE=2 SV=3
Q8BGS2	Bola2	0.974846215	-0.036753448	0.854762308	0.068154637	BolA-like protein 2 OS=Mus musculus GN=Bola2 PE=1 SV=1
Q8K3J1	Ndufs8	1.008122343	0.011670731	0.855269535	0.067896997	NADH dehydrogenase [ubiquinone] iron-sulfur protein 8, mitochondrial OS=Mus musculus GN=Ndufs8 PE=1 SV=1
Q9Z1D1	Eif3g	0.983241614	-0.024382119	0.855492526	0.06778378	Eukaryotic translation initiation factor 3 subunit G OS=Mus musculus GN=Eif3g PE=1 SV=2
Q8BVL9	Jakmip1	1.054547532	0.076624124	0.856252392	0.067398202	Janus kinase and microtubule-interacting protein 1 OS=Mus musculus GN=Jakmip1 PE=1 SV=2
P58389	Ppp2r4	0.980501905	-0.028407662	0.856453039	0.067296445	Serine/threonine-protein phosphatase 2A activator OS=Mus musculus GN=Ppp2r4 PE=1 SV=1
Q6ZPQ6	Pitpnm2	0.976456798	-0.034371879	0.856734007	0.067153994	Membrane-associated phosphatidylinositol transfer protein 2 OS=Mus musculus GN=Pitpnm2 PE=1 SV=2
Q9R1P0	Psma4	0.994177568	-0.008424543	0.856758492	0.067141582	Proteasome subunit alpha type-4 OS=Mus musculus GN=Psma4 PE=1 SV=1
Q99JX4	Eif3m	0.988414253	-0.01681228	0.857076055	0.066980638	Eukaryotic translation initiation factor 3 subunit M OS=Mus musculus GN=Eif3m PE=2 SV=1
Q8CIE6	Copa	1.00779561	0.011203077	0.857092048	0.066972534	Coatomer subunit alpha OS=Mus musculus GN=Copa PE=1 SV=2
Q148V7-3	Kiaa1468	1.024937549	0.035536006	0.857200789	0.066917438	Isoform 3 of LisH domain and HEAT repeat-containing protein KIAA1468 OS=Mus musculus GN=Kiaa1468
P40240	Cd9	0.96567232	-0.05039437	0.857593395	0.066718572	CD9 antigen OS=Mus musculus GN=Cd9 PE=1 SV=2
Q9WU01	Khdrbs2	0.971689516	-0.041432691	0.85783348	0.066597008	KH domain-containing, RNA-binding, signal transduction-associated protein 2 OS=Mus musculus GN=Khdrbs2 PE=1 SV=1
Q922R1		0.971484759	-0.041736732	0.858100353	0.06646192	UPF0183 protein C16orf70 homolog OS=Mus musculus PE=2 SV=2
Q9WUP7	Uchl5	1.02495083	0.035554701	0.858199778	0.066411602	Ubiquitin carboxyl-terminal hydrolase isozyme L5 OS=Mus musculus GN=Uchl5 PE=1 SV=2
Q9JKD3	Scamp5	0.986311555	-0.01988466	0.85821353	0.066404643	Secretory carrier-associated membrane protein 5 OS=Mus musculus GN=Scamp5 PE=2 SV=1
P17225	Ptbp1	1.022955625	0.032743563	0.858524188	0.066247464	Polypyrimidine tract-binding protein 1 OS=Mus musculus GN=Ptbp1 PE=1 SV=2
O08576-3	Rundc3a	1.02581301	0.036767774	0.859927083	0.065538373	Isoform 3 of RUN domain-containing protein 3A OS=Mus musculus GN=Rundc3a
Q99JT2	Mst4	0.987611406	-0.017984596	0.860006145	0.065498446	Serine/threonine-protein kinase MST4 OS=Mus musculus GN=Mst4 PE=2 SV=1
P50114	S100b	0.979263582	-0.030230861	0.860175961	0.065412698	Protein S100-B OS=Mus musculus GN=S100b PE=2 SV=2
Q9WUP7-2	Uchl5	1.024109007	0.034369285	0.860495837	0.065251226	Isoform 2 of Ubiquitin carboxyl-terminal hydrolase isozyme L5 OS=Mus musculus GN=Uchl5
O70194	Eif3d	1.01937125	0.02767957	0.861023139	0.064985177	Eukaryotic translation initiation factor 3 subunit D OS=Mus musculus GN=Eif3d PE=1 SV=2
Q8BG05	Hnrnpa3	0.992004721	-0.011581108	0.861528129	0.064730538	Heterogeneous nuclear ribonucleoprotein A3 OS=Mus musculus GN=Hnrnpa3 PE=1 SV=1
P32883	Kras	0.991259387	-0.012665472	0.861675396	0.064656308	GTPase KRas OS=Mus musculus GN=Kras PE=1 SV=1
Q9WUQ2	Preb	0.997126777	-0.00415115	0.861710353	0.064638689	Prolactin regulatory element-binding protein OS=Mus musculus GN=Preb PE=1 SV=1
Q8BP67	Rpl24	0.990494307	-0.013779412	0.8618057	0.064590638	60S ribosomal protein L24 OS=Mus musculus GN=Rpl24 PE=1 SV=2
Q6ZQ18	Efr3b	0.981753037	-0.026567939	0.861821081	0.064582887	Protein EFR3 homolog B OS=Mus musculus GN=Efr3b PE=2 SV=2
P63046	Sult4a1	1.010576093	0.015177956	0.862293715	0.064344779	Sulfotransferase 4A1 OS=Mus musculus GN=Sult4a1 PE=2 SV=1
Q9CQ92	Fis1	0.989294627	-0.015527853	0.862337548	0.064322703	Mitochondrial fission 1 protein OS=Mus musculus GN=Fis1 PE=1 SV=1
P28661-6	Sept4	0.99161705	-0.012145017	0.863293545	0.063841506	Isoform 6 of Septin-4 OS=Mus musculus GN=Sept4
O89112	Lancl1	1.006380889	0.009176431	0.86364385	0.063665315	LanC-like protein 1 OS=Mus musculus GN=Lancl1 PE=1 SV=1
Q69ZW3	Ehbp1	0.97878615	-0.030934408	0.864090453	0.063440793	EH domain-binding protein 1 OS=Mus musculus GN=Ehbp1 PE=1 SV=3
Q8BGT5	Gpt2	0.958455044	-0.061217331	0.864214278	0.063378563	Alanine aminotransferase 2 OS=Mus musculus GN=Gpt2 PE=1 SV=1
Q64105	Spr	0.978106946	-0.031935877	0.86439239	0.063289065	Sepiapterin reductase OS=Mus musculus GN=Spr PE=1 SV=1
D3YXK2	Safb	0.993132486	-0.009941906	0.864904373	0.063031907	Scaffold attachment factor B1 OS=Mus musculus GN=Safb PE=1 SV=2
P62274	Rps29	0.977238484	-0.033217416	0.865270103	0.062848302	40S ribosomal protein S29 OS=Mus musculus GN=Rps29 PE=2 SV=2
Q80TS3-3	Lphn3	0.991978153	-0.011619748	0.865404544	0.062780829	Isoform 3 of Latrophilin-3 OS=Mus musculus GN=Lphn3
A2A5R2	Arfgef2	1.017874172	0.025559228	0.865815393	0.062574697	Brefeldin A-inhibited guanine nucleotide-exchange protein 2 OS=Mus musculus GN=Arfgef2 PE=1 SV=1
P97371	Psme1	1.016732996	0.023940863	0.865886331	0.062539116	Proteasome activator complex subunit 1 OS=Mus musculus GN=Psme1 PE=2 SV=2
Q8R404	Qil1	1.024204241	0.034503439	0.865988224	0.062488014	Protein QIL1 OS=Mus musculus GN=Qil1 PE=2 SV=1
Q60749	Khdrbs1	0.977628095	-0.032642349	0.866304442	0.062329459	KH domain-containing, RNA-binding, signal transduction-associated protein 1 OS=Mus musculus GN=Khdrbs1 PE=1 SV=2
Q99104	Myo5a	0.996152805	-0.005561033	0.866358519	0.06230235	Unconventional myosin-Va OS=Mus musculus GN=Myo5a PE=1 SV=2
O08795	Prkcsh	0.991202665	-0.012748028	0.866627548	0.06216751	Glucosidase 2 subunit beta OS=Mus musculus GN=Prkcsh PE=1 SV=1
Q8BYP3	Rhof	1.046228929	0.065198568	0.866908398	0.06202679	Rho-related GTP-binding protein RhoF OS=Mus musculus GN=Rhof PE=2 SV=1
Q5KU39	Vps41	0.982896911	-0.024887984	0.867390074	0.061785552	Vacuolar protein sorting-associated protein 41 homolog OS=Mus musculus GN=Vps41 PE=2 SV=1
P34884	Mif	1.022495678	0.032094745	0.867402306	0.061779428	Macrophage migration inhibitory factor OS=Mus musculus GN=Mif PE=1 SV=2
P56371	Rab4a	0.93227246	-0.101176446	0.867794348	0.061583183	Ras-related protein Rab-4A OS=Mus musculus GN=Rab4a PE=1 SV=2
Q99LY9	Ndufs5	0.987974261	-0.017454638	0.868079147	0.061440676	NADH dehydrogenase [ubiquinone] iron-sulfur protein 5 OS=Mus musculus GN=Ndufs5 PE=1 SV=3
P55302	Lrpap1	1.023970407	0.034174022	0.869139435	0.060910544	Alpha-2-macroglobulin receptor-associated protein OS=Mus musculus GN=Lrpap1 PE=1 SV=1
Q61584-3	Fxr1	1.024059217	0.034299142	0.869246585	0.060857007	Isoform B of Fragile X mental retardation syndrome-related protein 1 OS=Mus musculus GN=Fxr1
P04370-5	Mbp	0.951401532	-0.071873746	0.869471925	0.060744437	Isoform 5 of Myelin basic protein OS=Mus musculus GN=Mbp
Q8CC35-3	Synpo	0.987952075	-0.017487036	0.869531288	0.060714786	Isoform 3 of Synaptopodin OS=Mus musculus GN=Synpo
Q8VE62	Paip1	0.98814576	-0.017204227	0.870158273	0.060401747	Polyadenylate-binding protein-interacting protein 1 OS=Mus musculus GN=Paip1 PE=2 SV=1
P04370-4	Mbp	0.951794596	-0.071277831	0.87027463	0.060343677	Isoform 4 of Myelin basic protein OS=Mus musculus GN=Mbp
Q99JX3	Gorasp2	1.02011921	0.028737754	0.870666977	0.060147927	Golgi reassembly-stacking protein 2 OS=Mus musculus GN=Gorasp2 PE=1 SV=3
Q91ZA3	Pcca	0.974964879	-0.036577846	0.870955146	0.060004211	Propionyl-CoA carboxylase alpha chain, mitochondrial OS=Mus musculus GN=Pcca PE=1 SV=2
P47738	Aldh2	1.006066089	0.00872508	0.871032158	0.059965811	Aldehyde dehydrogenase, mitochondrial OS=Mus musculus GN=Aldh2 PE=1 SV=1
P63046-2	Sult4a1	1.014011442	0.020073932	0.871125305	0.05991937	Isoform 2 of Sulfotransferase 4A1 OS=Mus musculus GN=Sult4a1
Q9D2P8	Mobp	0.936392694	-0.094814417	0.871407403	0.059778755	Myelin-associated oligodendrocyte basic protein OS=Mus musculus GN=Mobp PE=1 SV=1
P23198	Cbx3	1.008276724	0.011891644	0.871506934	0.059729153	Chromobox protein homolog 3 OS=Mus musculus GN=Cbx3 PE=1 SV=2
Q8R0A5	Tceal3	0.98061169	-0.028246135	0.871619206	0.059673208	Transcription elongation factor A protein-like 3 OS=Mus musculus GN=Tceal3 PE=2 SV=2
Q9JL56	Gde1	1.025632527	0.036513921	0.871658438	0.059653661	Glycerophosphodiester phosphodiesterase 1 OS=Mus musculus GN=Gde1 PE=2 SV=1
Q88703	Hcn2	0.963287809	-0.053961188	0.871757479	0.059604318	Potassium/sodium hyperpolarization-activated cyclic nucleotide-gated channel 2 OS=Mus musculus GN=Hcn2 PE=1 SV=1
Q4JIM5	Abl2	0.964056667	-0.052810144	0.87177047	0.059597846	Abelson tyrosine-protein kinase 2 OS=Mus musculus GN=Abl2 PE=1 SV=1
Q62186	Ssr4	1.03295953	0.046783732	0.87194752	0.059509653	Translocon-associated protein subunit delta OS=Mus musculus GN=Ssr4 PE=2 SV=1
P62307	Snrpf	1.013773277	0.01973504	0.872107088	0.059430184	Small nuclear ribonucleoprotein F OS=Mus musculus GN=Snrpf PE=2 SV=1
Q3UNH4	Gprin1	1.021905407	0.031261658	0.872113121	0.059427179	G protein-regulated inducer of neurite outgrowth 1 OS=Mus musculus GN=Gprin1 PE=1 SV=2
Q9DAS9	Gng12	1.018238659	0.026075746	0.872129355	0.059419095	Guanine nucleotide-binding protein G(I)/G(S)/G(O) subunit gamma-12 OS=Mus musculus GN=Gng12 PE=1 SV=3
Q8BHC4	Dcakd	0.99300656	-0.010124847	0.872195394	0.059386211	Dephospho-CoA kinase domain-containing protein OS=Mus musculus GN=Dcakd PE=2 SV=1
P50429	Arsb	1.018317944	0.026188077	0.872258013	0.059355032	Arylsulfatase B OS=Mus musculus GN=Arsb PE=2 SV=3
Q3UHX0	Nol8	1.039402548	0.055754501	0.872275389	0.059346381	Nucleolar protein 8 OS=Mus musculus GN=Nol8 PE=1 SV=2
Q9D2G2	Dlst	0.995467145	-0.006554393	0.872340118	0.059314154	Dihydrolipoyllysine-residue succinyltransferase component of 2-oxoglutarate dehydrogenase complex, mitochondrial OS=Mus musculus GN=Dlst PE=1 SV=1
P09671	Sod2	1.007603277	0.010927719	0.87235293	0.059307776	Superoxide dismutase [Mn], mitochondrial OS=Mus musculus GN=Sod2 PE=1 SV=3
Q6ZWV3	Rpl10	1.00698694	0.010044973	0.872431875	0.059268475	60S ribosomal protein L10 OS=Mus musculus GN=Rpl10 PE=1 SV=3
Q64336	Tbr1	1.007336103	0.010545126	0.872478226	0.059245403	T-box brain protein 1 OS=Mus musculus GN=Tbr1 PE=1 SV=2
P26516	Psmd7	0.991555146	-0.012235084	0.87278449	0.05909298	26S proteasome non-ATPase regulatory subunit 7 OS=Mus musculus GN=Psmd7 PE=1 SV=2
Q9Z2W8	Gria4	1.01528403	0.021883384	0.872995511	0.058987989	Glutamate receptor 4 OS=Mus musculus GN=Gria4 PE=1 SV=2
Q9Z1P6	Ndufa7	0.986121356	-0.020162894	0.873330189	0.058821527	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 7 OS=Mus musculus GN=Ndufa7 PE=1 SV=3
Q8CDG3	Vcpip1	0.991435608	-0.01240902	0.873570545	0.058702018	Deubiquitinating protein VCIP135 OS=Mus musculus GN=Vcpip1 PE=2 SV=1
Q61548-3	Snap91	0.995043236	-0.007168881	0.873701052	0.058637141	Isoform 3 of Clathrin coat assembly protein AP180 OS=Mus musculus GN=Snap91
P53026	Rpl10a	0.975323057	-0.036047932	0.873805808	0.058585073	60S ribosomal protein L10a OS=Mus musculus GN=Rpl10a PE=1 SV=3
Q91YW3	Dnajc3	0.972917932	-0.039609979	0.873941271	0.058517751	DnaJ homolog subfamily C member 3 OS=Mus musculus GN=Dnajc3 PE=1 SV=1

Accession	Gene	Fold Change (KO vs. WT)	Log2 Fold Change	Students T Test	-Log10 T Test	Description
Q91Z49-3	Fyttd1	1.00970391	0.013932293	0.873950367	0.058513231	Isoform 3 of UAP56-interacting factor OS=Mus musculus GN=Fyttd1
P61148	Fgf1	1.021186092	0.030245794	0.87409224	0.058442735	Fibroblast growth factor 1 OS=Mus musculus GN=Fgf1 PE=2 SV=1
Q8BRT1	Clasp2	1.007523957	0.010814144	0.874270779	0.058354037	CLIP-associating protein 2 OS=Mus musculus GN=Clasp2 PE=1 SV=1
Q8BWT1	Acaa2	0.994673487	-0.007705073	0.874589851	0.058195567	3-ketoacyl-CoA thiolase, mitochondrial OS=Mus musculus GN=Acaa2 PE=1 SV=3
P48678	Lmna	0.997059286	-0.004248804	0.874804745	0.05808887	Prelamin-A/C OS=Mus musculus GN=Lmna PE=1 SV=2
P17710-4	Hk1	1.009096971	0.013064819	0.874814756	0.0580839	Isoform HK1-SC of Hexokinase-1 OS=Mus musculus GN=Hk1
P56480	Atp5b	0.995591035	-0.006374856	0.875159887	0.057912596	ATP synthase subunit beta, mitochondrial OS=Mus musculus GN=Atp5b PE=1 SV=2
O35887	Calu	1.010688655	0.015338641	0.87519161	0.057896854	Calumenin OS=Mus musculus GN=Calu PE=1 SV=1
O35963	Rab33b	1.010383916	0.014903578	0.875313833	0.057836208	Ras-related protein Rab-33B OS=Mus musculus GN=Rab33b PE=1 SV=1
Q9Z1W9	Stk39	1.007464037	0.01072834	0.875521688	0.057733091	STE20/SPS1-related proline-alanine-rich protein kinase OS=Mus musculus GN=Stk39 PE=1 SV=1
Q9CWG8	Ndufaf7	0.985372855	-0.021258366	0.875823854	0.05758323	NADH dehydrogenase [ubiquinone] complex I, assembly factor 7 OS=Mus musculus GN=Ndufaf7 PE=2 SV=4
Q4ACU6-6	Shank3	0.979546145	-0.029814637	0.8758956	0.057547655	Isoform 5 of SH3 and multiple ankyrin repeat domains protein 3 OS=Mus musculus GN=Shank3
Q9DC07	Nebl	0.988397814	-0.016836275	0.875952289	0.057519548	LIM zinc-binding domain-containing Nebulette OS=Mus musculus GN=Nebl PE=2 SV=1
Q9D7M1	Gid8	1.009701222	0.013928452	0.876537982	0.05722926	Glucose-induced degradation protein 8 homolog OS=Mus musculus GN=Gid8 PE=2 SV=1
Q9CQR2	Rps21	0.987804447	-0.017702631	0.877322177	0.056840892	40S ribosomal protein S21 OS=Mus musculus GN=Rps21 PE=2 SV=1
P60904	Dnajc5	1.040480795	0.057250337	0.87733579	0.056834154	DnaJ homolog subfamily C member 5 OS=Mus musculus GN=Dnajc5 PE=1 SV=1
Q60875-3	Arhgef2	0.99327198	-0.009739281	0.877650364	0.056678463	Isoform 3 of Rho guanine nucleotide exchange factor 2 OS=Mus musculus GN=Arhgef2
Q61081	Cdc37	0.991419334	-0.012432702	0.878388965	0.056313129	Hsp90 co-chaperone Cdc37 OS=Mus musculus GN=Cdc37 PE=2 SV=1
Q9WUA2	Farsb	1.013445055	0.019267874	0.879147394	0.055938307	Phenylalanine--tRNA ligase beta subunit OS=Mus musculus GN=Farsb PE=2 SV=2
P04370-7	Mbp	0.954494788	-0.067190775	0.879463597	0.055782132	Isoform 7 of Myelin basic protein OS=Mus musculus GN=Mbp
Q80W21	Gstm7	1.017410758	0.024902254	0.879655677	0.05568729	Glutathione S-transferase Mu 7 OS=Mus musculus GN=Gstm7 PE=1 SV=1
O55029	Copb2	0.990540134	-0.013712664	0.88018595	0.055425568	Coatomer subunit beta' OS=Mus musculus GN=Copb2 PE=2 SV=2
P04370-9	Mbp	0.954900084	-0.066578311	0.880292544	0.055372976	Isoform 9 of Myelin basic protein OS=Mus musculus GN=Mbp
Q9JIW9	Ralb	0.990011106	-0.014483385	0.880910444	0.055068241	Ras-related protein Ral-B OS=Mus musculus GN=Ralb PE=2 SV=1
P70297	Stam	0.9914687	-0.012360866	0.881281882	0.054885158	Signal transducing adapter molecule 1 OS=Mus musculus GN=Stam PE=2 SV=3
P32883-2	Kras	0.993055519	-0.010053718	0.881450252	0.054802194	Isoform 2B of GTPase KRas OS=Mus musculus GN=Kras
Q9D9M2-2	Usp12	1.021255615	0.030344011	0.881629839	0.054713719	Isoform 2 of Ubiquitin carboxyl-terminal hydrolase 12 OS=Mus musculus GN=Usp12
Q80ZD8	Amigo1	1.029419107	0.041830465	0.881757588	0.054650794	Amphoterin-induced protein 1 OS=Mus musculus GN=Amigo1 PE=1 SV=1
P28660	Nckap1	0.995990746	-0.005795757	0.88191463	0.054573453	Nck-associated protein 1 OS=Mus musculus GN=Nckap1 PE=1 SV=2
Q9DC69	Ndufa9	1.008326994	0.011963571	0.882506746	0.054281966	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 9, mitochondrial OS=Mus musculus GN=Ndufa9 PE=1 SV=2
Q8BGW1-3	Fto	1.01259802	0.018061568	0.882603559	0.054234325	Isoform 3 of Alpha-ketoglutarate-dependent dioxygenase FTO OS=Mus musculus GN=Fto
Q9CPR4	Rpl17	0.989616879	-0.015057988	0.882788561	0.054143303	60S ribosomal protein L17 OS=Mus musculus GN=Rpl17 PE=2 SV=3
Q60829-2	Ppp1r1b	0.975330621	-0.036036744	0.883143911	0.053968521	Isoform 2 of Protein phosphatase 1 regulatory subunit 1B OS=Mus musculus GN=Ppp1r1b
Q8K4P8	Hecw1	1.011661272	0.016726323	0.883170535	0.053955429	E3 ubiquitin-protein ligase HECW1 OS=Mus musculus GN=Hecw1 PE=1 SV=3
P17156	Hspa2	1.010766698	0.015450037	0.883176056	0.053952714	Heat shock-related 70 kDa protein 2 OS=Mus musculus GN=Hspa2 PE=1 SV=2
Q9QUG9	Rasgrp2	0.979259798	-0.030236437	0.88443973	0.053331757	RAS guanyl-releasing protein 2 OS=Mus musculus GN=Rasgrp2 PE=1 SV=2
Q924K8	Mta3	0.979296931	-0.030181731	0.884963268	0.053074755	Metastasis-associated protein MTA3 OS=Mus musculus GN=Mta3 PE=1 SV=1
B2RXS4	Plxnb2	1.024562034	0.035007338	0.885477339	0.052822549	Plexin-B2 OS=Mus musculus GN=Plxnb2 PE=1 SV=1
P70236	Map2k6	1.01651434	0.023630567	0.885918165	0.052606393	Dual specificity mitogen-activated protein kinase kinase 6 OS=Mus musculus GN=Map2k6 PE=1 SV=1
Q8K4B0	Mta1	0.980012739	-0.029127592	0.885957584	0.05258707	Metastasis-associated protein MTA1 OS=Mus musculus GN=Mta1 PE=1 SV=1
Q8VCW8	Acsf2	1.017990266	0.025723767	0.885958562	0.052586591	Acyl-CoA synthetase family member 2, mitochondrial OS=Mus musculus GN=Acsf2 PE=1 SV=1
O35691	Pnn	0.990469001	-0.013816272	0.885980423	0.052575875	Pinin OS=Mus musculus GN=Pnn PE=1 SV=4
P17710-2	Hk1	1.008668861	0.012452625	0.886030259	0.052551446	Isoform HK1-SB of Hexokinase-1 OS=Mus musculus GN=Hk1
O35405	Pld3	0.991194378	-0.01276009	0.886078653	0.052527726	Phospholipase D3 OS=Mus musculus GN=Pld3 PE=2 SV=1
P70414	Slc8a1	0.992404712	-0.010999509	0.886428776	0.052356154	Sodium/calcium exchanger 1 OS=Mus musculus GN=Slc8a1 PE=1 SV=1
Q91YX5	Lpgat1	1.017659916	0.025255518	0.886615182	0.052264836	Acyl-CoA:lysophosphatidylglycerol acyltransferase 1 OS=Mus musculus GN=Lpgat1 PE=2 SV=1
Q91XL9-3	Osbpl1a	0.988726936	-0.016355959	0.886714827	0.05221603	Isoform 3 of Oxysterol-binding protein-related protein 1 OS=Mus musculus GN=Osbpl1a
Q9JME5	Ap3b2	1.003948157	0.005684772	0.886786333	0.052181009	AP-3 complex subunit beta-2 OS=Mus musculus GN=Ap3b2 PE=1 SV=2
Q9CQE5	Rgs10	1.02415275	0.034430906	0.886874246	0.052137956	Regulator of G-protein signaling 10 OS=Mus musculus GN=Rgs10 PE=2 SV=1
Q06890	Clu	0.990944686	-0.013123566	0.887134513	0.052010525	Clusterin OS=Mus musculus GN=Clu PE=1 SV=1
Q61151	Ppp2r5e	1.007114914	0.010228307	0.887297391	0.051930795	Serine/threonine-protein phosphatase 2A 56 kDa regulatory subunit epsilon isoform OS=Mus musculus GN=Ppp2r5e PE=2 SV=3
P59325	Eif5	1.008678383	0.012466245	0.887494969	0.0518341	Eukaryotic translation initiation factor 5 OS=Mus musculus GN=Eif5 PE=1 SV=1
P18872-2	Gnao1	1.007078576	0.010176253	0.887533192	0.051815396	Isoform Alpha-2 of Guanine nucleotide-binding protein G(o) subunit alpha OS=Mus musculus GN=Gnao1
Q91W90	Txndc5	0.989512228	-0.01521056	0.887591112	0.051787055	Thioredoxin domain-containing protein 5 OS=Mus musculus GN=Txndc5 PE=1 SV=2
Q9QWY8-4	Asap1	0.988873104	-0.016142695	0.888145754	0.051515756	Isoform 4 of Arf-GAP with SH3 domain, ANK repeat and PH domain-containing protein 1 OS=Mus musculus GN=Asap1
Q9QXV0	Pcsk1n	1.016072789	0.023003757	0.888361717	0.051410165	ProSAAS OS=Mus musculus GN=Pcsk1n PE=1 SV=2
O54781	Srpk2	0.985155404	-0.021576773	0.888423338	0.051380042	SRSF protein kinase 2 OS=Mus musculus GN=Srpk2 PE=1 SV=2
Q80UM3	Naa15	1.005324028	0.007660575	0.888909669	0.05114237	N-alpha-acetyltransferase 15, NatA auxiliary subunit OS=Mus musculus GN=Naa15 PE=1 SV=1
Q8VD04	Gripap1	1.008239574	0.011838487	0.888913753	0.051140375	GRIP1-associated protein 1 OS=Mus musculus GN=Gripap1 PE=1 SV=1
Q9JM13	Rabgef1	0.988186914	-0.017144143	0.88916764	0.051016351	Rab5 GDP/GTP exchange factor OS=Mus musculus GN=Rabgef1 PE=1 SV=1
O70325	Gpx4	0.982823491	-0.024995755	0.889253493	0.05097442	Phospholipid hydroperoxide glutathione peroxidase, mitochondrial OS=Mus musculus GN=Gpx4 PE=1 SV=4
Q8BHK3	Slc36a2	0.966715019	-0.048837439	0.889496012	0.050855995	Proton-coupled amino acid transporter 2 OS=Mus musculus GN=Slc36a2 PE=1 SV=1
Q921Q7	Rin1	1.021388978	0.030532396	0.889923594	0.050647279	Ras and Rab interactor 1 OS=Mus musculus GN=Rin1 PE=1 SV=1
Q9QUI0	Rhoa	1.010742328	0.015415253	0.889969534	0.05062486	Transforming protein RhoA OS=Mus musculus GN=Rhoa PE=1 SV=1
Q9QZX7-3	Srr	0.978302901	-0.031646876	0.890525159	0.050353807	Isoform 3 of Serine racemase OS=Mus musculus GN=Srr
Q8BXA0	Lrfn5	0.983193301	-0.024453009	0.890585016	0.050324616	Leucine-rich repeat and fibronectin type-III domain-containing protein 5 OS=Mus musculus GN=Lrfn5 PE=1 SV=1
P51791	Clcn3	1.024454594	0.034856042	0.890732114	0.05025289	H(+)/Cl(-) exchange transporter 3 OS=Mus musculus GN=Clcn3 PE=1 SV=2
P56528	Cd38	1.027713735	0.039438464	0.891043969	0.050100865	ADP-ribosyl cyclase 1 OS=Mus musculus GN=Cd38 PE=1 SV=2
D3Z6Q9	Bin2	0.977888785	-0.032257698	0.891051244	0.050097319	Bridging integrator 2 OS=Mus musculus GN=Bin2 PE=1 SV=1
Q8JZK9	Hmgcs1	0.98963882	-0.015026001	0.89121318	0.050018399	Hydroxymethylglutaryl-CoA synthase, cytoplasmic OS=Mus musculus GN=Hmgcs1 PE=1 SV=1
Q8C854-1	Myef2	0.978567978	-0.031256021	0.89123359	0.050008454	Isoform 3 of Myelin expression factor 2 OS=Mus musculus GN=Myef2
Q60575-3	Kif1b	0.993987893	-0.008699815	0.891243573	0.050003589	Isoform 3 of Kinesin-like protein KIF1B OS=Mus musculus GN=Kif1b
P56394	Cox17	1.033264302	0.047209333	0.891335144	0.04995897	Cytochrome c oxidase copper chaperone OS=Mus musculus GN=Cox17 PE=3 SV=2
Q91WQ3	Yars	0.994497167	-0.007960834	0.891354309	0.049949632	Tyrosine--tRNA ligase, cytoplasmic OS=Mus musculus GN=Yars PE=2 SV=3
Q9R078	Prkab1	1.018793145	0.026861158	0.891456783	0.049899706	5'-AMP-activated protein kinase subunit beta-1 OS=Mus musculus GN=Prkab1 PE=1 SV=2
P28658	Atxn10	0.978805513	-0.030905868	0.891548301	0.049855123	Ataxin-10 OS=Mus musculus GN=Atxn10 PE=1 SV=2
Q9CQ10	Chmp3	0.991010402	-0.013027895	0.891559801	0.049849521	Charged multivesicular body protein 3 OS=Mus musculus GN=Chmp3 PE=1 SV=3
Q61411	Hras	0.993748407	-0.009047452	0.891843817	0.049711194	GTPase HRas OS=Mus musculus GN=Hras PE=1 SV=2
P62305	Snrpe	1.04258141	0.060160041	0.891933565	0.049667492	Small nuclear ribonucleoprotein E OS=Mus musculus GN=Snrpe PE=2 SV=1
Q64520	Guk1	1.030961891	0.043991005	0.892557253	0.049363917	Guanylate kinase OS=Mus musculus GN=Guk1 PE=1 SV=2
Q9JIF0-3	Prmt1	0.991872976	-0.011772721	0.892628987	0.049329014	Isoform 3 of Protein arginine N-methyltransferase 1 OS=Mus musculus GN=Prmt1
Q9QXS1-11	Plec	0.987345869	-0.018372543	0.893120515	0.049089935	Isoform PLEC-1E,2A of Plectin OS=Mus musculus GN=Plec
Q8K1Z0	Coq9	0.984341134	-0.022769711	0.893238976	0.049032335	Ubiquinone biosynthesis protein COQ9, mitochondrial OS=Mus musculus GN=Coq9 PE=1 SV=1
Q8K215	Lyrm4	1.008301966	0.011927762	0.893504271	0.048903367	LYR motif-containing protein 4 OS=Mus musculus GN=Lyrm4 PE=1 SV=1
P97447	Fhl1	1.011097065	0.015921503	0.893670493	0.048822581	Four and a half LIM domains protein 1 OS=Mus musculus GN=Fhl1 PE=1 SV=3
Q61011	Gnb3	1.021152325	0.030198089	0.89372768	0.048794791	Guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta-3 OS=Mus musculus GN=Gnb3 PE=1 SV=2
Q3ULJ0	Gpd1l	0.994980447	-0.00725992	0.894239078	0.048546356	Glycerol-3-phosphate dehydrogenase 1-like protein OS=Mus musculus GN=Gpd1l PE=1 SV=2
O08583	Alyref	0.990109346	-0.014340232	0.89458859	0.048376645	THO complex subunit 4 OS=Mus musculus GN=Alyref PE=1 SV=3
Q61739	Itga6	0.969996278	-0.043948883	0.894811426	0.048268479	Integrin alpha-6 OS=Mus musculus GN=Itga6 PE=1 SV=3
Q62348	Tsn	0.974299019	-0.037563482	0.894854139	0.048247749	Translin OS=Mus musculus GN=Tsn PE=1 SV=1
O88737	Bsn	0.993210665	-0.009828342	0.895205586	0.048077217	Protein bassoon OS=Mus musculus GN=Bsn PE=1 SV=4
O08967	Cyth3	0.985096254	-0.021663397	0.895300074	0.04803138	Cytohesin-3 OS=Mus musculus GN=Cyth3 PE=1 SV=1
Q8VDC0	Lars2	0.979562151	-0.029791064	0.895510852	0.047929147	Probable leucine--tRNA ligase, mitochondrial OS=Mus musculus GN=Lars2 PE=1 SV=1
Q920P5	Ak5	1.01108532	0.015904743	0.895540835	0.047914606	Adenylate kinase isoenzyme 5 OS=Mus musculus GN=Ak5 PE=2 SV=2
Q6PAR5-4	Gapvd1	1.016585751	0.023731915	0.895643473	0.047864835	Isoform 4 of GTPase-activating protein and VPS9 domain-containing protein 1 OS=Mus musculus GN=Gapvd1
Q9DB34	Chmp2a	0.986720016	-0.019287319	0.896133115	0.047627474	Charged multivesicular body protein 2a OS=Mus musculus GN=Chmp2a PE=1 SV=1
Q61205	Pafah1b3	1.022591555	0.032230017	0.896539433	0.047430604	Platelet-activating factor acetylhydrolase IB subunit gamma OS=Mus musculus GN=Pafah1b3 PE=1 SV=1
Q61035	Hars	1.005840923	0.008402157	0.896789846	0.047309318	Histidine--tRNA ligase, cytoplasmic OS=Mus musculus GN=Hars PE=2 SV=2
Q9CQE8		0.993035218	-0.010083211	0.897163587	0.047128361	UPF0568 protein C14orf166 homolog OS=Mus musculus PE=2 SV=1
Q8R326	Pspc1	1.008926385	0.012820914	0.897495558	0.046967692	Paraspeckle component 1 OS=Mus musculus GN=Pspc1 PE=1 SV=1
Q6KAU4	Mvb12b	0.958516612	-0.061124659	0.89800088	0.046723238	Multivesicular body subunit 12B OS=Mus musculus GN=Mvb12b PE=2 SV=2
Q8CH18	Ccar1	0.986852937	-0.019092988	0.898426418	0.046517486	Cell division cycle and apoptosis regulator protein 1 OS=Mus musculus GN=Ccar1 PE=1 SV=1
Q8BG51-3	Rhot1	1.009631014	0.013828133	0.898803022	0.046335476	Isoform 3 of Mitochondrial Rho GTPase 1 OS=Mus musculus GN=Rhot1
Q810J8	Zfyve1	0.974837618	-0.036766171	0.899006889	0.04623698	Zinc finger FYVE domain-containing protein 1 OS=Mus musculus GN=Zfyve1 PE=2 SV=2
Q02248	Ctnnb1	0.994928573	-0.007335138	0.899164234	0.046160976	Catenin beta-1 OS=Mus musculus GN=Ctnnb1 PE=1 SV=1
P10852	Slc3a2	0.990184555	-0.014230649	0.899310736	0.046090222	4F2 cell-surface antigen heavy chain OS=Mus musculus GN=Slc3a2 PE=1 SV=1
Q99NE5-7	Rims1	0.985476725	-0.021106297	0.899372503	0.046060395	Isoform 7 of Regulating synaptic membrane exocytosis protein 1 OS=Mus musculus GN=Rims1
Q9CQ80	Vps25	1.019047104	0.02722074	0.899667042	0.045918189	Vacuolar protein-sorting-associated protein 25 OS=Mus musculus GN=Vps25 PE=2 SV=1
Q9QYB8-2	Add2	1.008199158	0.011780655	0.900150106	0.045685063	Isoform 2 of Beta-adducin OS=Mus musculus GN=Add2
P61329	Fgf12	0.983799088	-0.023564378	0.900203376	0.045659362	Fibroblast growth factor 12 OS=Mus musculus GN=Fgf12 PE=2 SV=1
Q60973	Rbbp7	1.005060393	0.007282194	0.900445556	0.045542541	Histone-binding protein RBBP7 OS=Mus musculus GN=Rbbp7 PE=1 SV=1
Q9R190	Mta2	0.980795049	-0.027976398	0.900546033	0.045494082	Metastasis-associated protein MTA2 OS=Mus musculus GN=Mta2 PE=1 SV=1
Q8K3D3	Swi5	0.990550293	-0.013697868	0.900933744	0.045307147	DNA repair protein SWI5 homolog OS=Mus musculus GN=Swi5 PE=1 SV=1
Q91XR9	Gpx4	0.983477005	-0.024036775	0.900972878	0.045288282	Phospholipid hydroperoxide glutathione peroxidase, nuclear OS=Mus musculus GN=Gpx4 PE=2 SV=3
O09172	Gclm	1.010777318	0.015465196	0.901008094	0.045271307	Glutamate--cysteine ligase regulatory subunit OS=Mus musculus GN=Gclm PE=2 SV=1
Q9D5V5	Cul5	1.016294061	0.0233179	0.901081804	0.04523578	Cullin-5 OS=Mus musculus GN=Cul5 PE=1 SV=3
Q9D898	Arpc5l	1.007481488	0.01075333	0.901135065	0.045210111	Actin-related protein 2/3 complex subunit 5-like protein OS=Mus musculus GN=Arpc5l PE=1 SV=1

Accession	Gene	Fold Change (KO vs. WT)	Log2 Fold Change	Students T Test	-Log10 T Test	Description
Q61937	Npm1	0.972131146	-0.04077714	0.901244698	0.045157277	Nucleophosmin OS=Mus musculus GN=Npm1 PE=1 SV=1
O70133	Dhx9	0.99518523	-0.006963021	0.901694416	0.04494062	ATP-dependent RNA helicase A OS=Mus musculus GN=Dhx9 PE=1 SV=2
Q8BGB5	Limd2	0.989917813	-0.014619344	0.901703108	0.044936434	LIM domain-containing protein 2 OS=Mus musculus GN=Limd2 PE=2 SV=1
A2AGL3	Ryr3	0.985983513	-0.020364572	0.902099216	0.044745695	Ryanodine receptor 3 OS=Mus musculus GN=Ryr3 PE=1 SV=1
Q6GQT9	Nomo1	0.995137704	-0.00703192	0.902123663	0.044733925	Nodal modulator 1 OS=Mus musculus GN=Nomo1 PE=1 SV=1
Q8CA95-3	Pde10a	1.02393067	0.034118034	0.902289079	0.044654299	Isoform 3 of cAMP and cAMP-inhibited cGMP 3',5'-cyclic phosphodiesterase 10A OS=Mus musculus GN=Pde10a
E9Q401	Ryr2	0.992372264	-0.011046681	0.902494098	0.04455563	Ryanodine receptor 2 OS=Mus musculus GN=Ryr2 PE=1 SV=1
Q8C0T5	Sipa1l1	0.988994314	-0.015965868	0.90313468	0.044247481	Signal-induced proliferation-associated 1-like protein 1 OS=Mus musculus GN=Sipa1l1 PE=1 SV=2
Q9QYC0	Add1	1.008505501	0.012218953	0.90332614	0.044155422	Alpha-adducin OS=Mus musculus GN=Add1 PE=1 SV=2
Q3U0V1	Khsrp	1.006985798	0.010043336	0.903667629	0.043991275	Far upstream element-binding protein 2 OS=Mus musculus GN=Khsrp PE=1 SV=2
Q5SSL4-3	Abr	1.003847221	0.005539717	0.903805777	0.043924887	Isoform 3 of Active breakpoint cluster region-related protein OS=Mus musculus GN=Abr
P35288	Rab23	0.994464091	-0.008008816	0.904022769	0.043820631	Ras-related protein Rab-23 OS=Mus musculus GN=Rab23 PE=1 SV=2
P62702	Rps4x	0.995965013	-0.005833031	0.904270117	0.043701821	40S ribosomal protein S4, X isoform OS=Mus musculus GN=Rps4x PE=2 SV=2
Q9EP89	Lactb	0.993324236	-0.009663383	0.905905516	0.042917096	Serine beta-lactamase-like protein LACTB, mitochondrial OS=Mus musculus GN=Lactb PE=1 SV=1
Q8R059	Gale	0.969700089	-0.044389479	0.906651314	0.042559705	UDP-glucose 4-epimerase OS=Mus musculus GN=Gale PE=2 SV=1
Q9DCC4	Pycrl	0.982641134	-0.025263462	0.906703752	0.042534587	Pyrroline-5-carboxylate reductase 3 OS=Mus musculus GN=Pycrl PE=2 SV=2
Q8VD37	Sgip1	1.005553967	0.007990512	0.906752354	0.042511308	SH3-containing GRB2-like protein 3-interacting protein 1 OS=Mus musculus GN=Sgip1 PE=1 SV=1
Q91W50	Csde1	1.008807435	0.012650813	0.907208481	0.042292899	Cold shock domain-containing protein E1 OS=Mus musculus GN=Csde1 PE=2 SV=1
Q9CZX9	Emc4	0.988414362	-0.016812121	0.907255823	0.042270236	ER membrane protein complex subunit 4 OS=Mus musculus GN=Emc4 PE=2 SV=1
Q9D020	Nt5c3a	1.009978055	0.014323947	0.907304025	0.042247162	Cytosolic 5'-nucleotidase 3A OS=Mus musculus GN=Nt5c3a PE=1 SV=4
Q99JB2	Stoml2	1.02507904	0.035735155	0.90753463	0.042136794	Stomatin-like protein 2, mitochondrial OS=Mus musculus GN=Stoml2 PE=1 SV=1
Q91VH6	Memo1	1.032819313	0.046587884	0.907823336	0.041998658	Protein MEMO1 OS=Mus musculus GN=Memo1 PE=1 SV=1
Q8K2Y7	Mrpl47	1.013341136	0.019119932	0.907823511	0.041998574	39S ribosomal protein L47, mitochondrial OS=Mus musculus GN=Mrpl47 PE=2 SV=2
P62315	Snrpd1	1.012053889	0.017286112	0.907860038	0.0419811	Small nuclear ribonucleoprotein Sm D1 OS=Mus musculus GN=Snrpd1 PE=2 SV=1
P16045	Lgals1	0.991219226	-0.012723924	0.907979285	0.04192406	Galectin-1 OS=Mus musculus GN=Lgals1 PE=1 SV=3
Q61768	Kif5b	1.00736677	0.010589047	0.909078925	0.04139841	Kinesin-1 heavy chain OS=Mus musculus GN=Kif5b PE=1 SV=3
A2AVQ5		0.965144327	-0.051183397	0.909161707	0.041358865	Uncharacterized protein C1orf177 homolog OS=Mus musculus PE=2 SV=1
P04370-8	Mbp	0.964970123	-0.05144382	0.909586403	0.04115604	Isoform 8 of Myelin basic protein OS=Mus musculus GN=Mbp
Q9WTI7-3	Myo1c	1.026452577	0.037666976	0.909778778	0.041064198	Isoform 3 of Unconventional myosin-Ic OS=Mus musculus GN=Myo1c
P04370-13	Mbp	0.965371823	-0.050843377	0.910431754	0.040752603	Isoform 12 of Myelin basic protein OS=Mus musculus GN=Mbp
Q91YI0	Asl	1.006804695	0.009783849	0.910501161	0.040719496	Argininosuccinate lyase OS=Mus musculus GN=Asl PE=1 SV=1
Q8BWY3	Etf1	0.987266495	-0.018488527	0.910747817	0.040601861	Eukaryotic peptide chain release factor subunit 1 OS=Mus musculus GN=Etf1 PE=1 SV=4
Q99MB7	Rnf141	0.991945906	-0.011666647	0.91117368	0.040398834	RING finger protein 141 OS=Mus musculus GN=Rnf141 PE=2 SV=2
P60879	Snap25	1.009306401	0.013364209	0.911196567	0.040387925	Synaptosomal-associated protein 25 OS=Mus musculus GN=Snap25 PE=1 SV=1
Q920L1	Fads1	0.968667239	-0.045926945	0.911559125	0.040215157	Fatty acid desaturase 1 OS=Mus musculus GN=Fads1 PE=2 SV=1
Q99JX3-2	Gorasp2	1.01441327	0.020645524	0.911796443	0.040102106	Isoform 2 of Golgi reassembly-stacking protein 2 OS=Mus musculus GN=Gorasp2
Q8JZQ9	Eif3b	0.993769176	-0.009017301	0.912467088	0.039782791	Eukaryotic translation initiation factor 3 subunit B OS=Mus musculus GN=Eif3b PE=1 SV=1
P61458	Pcbd1	1.020632559	0.029463571	0.912592031	0.039723328	Pterin-4-alpha-carbinolamine dehydratase OS=Mus musculus GN=Pcbd1 PE=1 SV=2
P10922	H1f0	0.994595297	-0.007818485	0.912665833	0.039688207	Histone H1.0 OS=Mus musculus GN=H1f0 PE=2 SV=4
P30681	Hmgb2	0.991157334	-0.012814009	0.912996265	0.039530999	High mobility group protein B2 OS=Mus musculus GN=Hmgb2 PE=1 SV=3
Q8BP71-4	Rbfox2	0.981744772	-0.026580085	0.91302234	0.039518596	Isoform 4 of RNA binding protein fox-1 homolog 2 OS=Mus musculus GN=Rbfox2
Q6IRU2	Tpm4	0.970701296	-0.042900677	0.913327959	0.039373247	Tropomyosin alpha-4 chain OS=Mus musculus GN=Tpm4 PE=2 SV=3
Q8R464	Cadm4	1.0230299	0.032848311	0.913708885	0.039192152	Cell adhesion molecule 4 OS=Mus musculus GN=Cadm4 PE=1 SV=1
P50516-2	Atp6v1a	0.99434168	-0.008186413	0.913906808	0.039098087	Isoform 2 of V-type proton ATPase catalytic subunit A OS=Mus musculus GN=Atp6v1a
P10637-4	Mapt	0.993511698	-0.00939114	0.914267045	0.038926934	Isoform Tau-C of Microtubule-associated protein tau OS=Mus musculus GN=Mapt
Q9QZM0	Ubqln2	1.015561916	0.0222782	0.914734022	0.038705168	Ubiquilin-2 OS=Mus musculus GN=Ubqln2 PE=1 SV=2
P21460	Cst3	1.009786884	0.014050843	0.914948806	0.038603205	Cystatin-C OS=Mus musculus GN=Cst3 PE=2 SV=2
Q9R226	Khdrbs3	1.019517549	0.027886609	0.915413351	0.038382758	KH domain-containing, RNA-binding, signal transduction-associated protein 3 OS=Mus musculus GN=Khdrbs3 PE=1 SV=1
P21271	Myo5b	0.996765231	-0.004674349	0.915760381	0.03821815	Unconventional myosin-Vb OS=Mus musculus GN=Myo5b PE=2 SV=2
Q8R1N4-3	Nudcd3	1.015227839	0.021803535	0.915856787	0.038172432	Isoform 3 of NudC domain-containing protein 3 OS=Mus musculus GN=Nudcd3
Q99L04	Dhrs1	1.008222092	0.011813472	0.91675382	0.037747272	Dehydrogenase/reductase SDR family member 1 OS=Mus musculus GN=Dhrs1 PE=2 SV=1
P62331	Arf6	0.989878867	-0.014676104	0.916795274	0.037727634	ADP-ribosylation factor 6 OS=Mus musculus GN=Arf6 PE=1 SV=2
P20152	Vim	1.010898195	0.015637714	0.91698647	0.037637072	Vimentin OS=Mus musculus GN=Vim PE=1 SV=3
P70349	Hint1	0.995235567	-0.006890051	0.91702674	0.037618001	Histidine triad nucleotide-binding protein 1 OS=Mus musculus GN=Hint1 PE=1 SV=3
Q8BP48	Metap1	1.025425527	0.036222718	0.917337882	0.037470672	Methionine aminopeptidase 1 OS=Mus musculus GN=Metap1 PE=2 SV=1
Q99J45	Nrbp1	1.005278051	0.007594593	0.917354241	0.037462927	Nuclear receptor-binding protein OS=Mus musculus GN=Nrbp1 PE=1 SV=1
Q9ERK4	Cse1l	1.020274756	0.028957716	0.917626802	0.03733391	Exportin-2 OS=Mus musculus GN=Cse1l PE=2 SV=1
P23818	Gria1	0.991412469	-0.012442692	0.91777897	0.037261898	Glutamate receptor 1 OS=Mus musculus GN=Gria1 PE=1 SV=1
P18572-2	Bsg	1.00276158	0.003978626	0.917959563	0.037176449	Isoform 2 of Basigin OS=Mus musculus GN=Bsg
P18572	Bsg	1.00276158	0.003978626	0.917959563	0.037176449	Basigin OS=Mus musculus GN=Bsg PE=1 SV=2
Q8VD37-4	Sgip1	1.00488964	0.007037069	0.917999494	0.037157558	Isoform 4 of SH3-containing GRB2-like protein 3-interacting protein 1 OS=Mus musculus GN=Sgip1
P46414	Cdkn1b	1.037836406	0.053579049	0.918023022	0.037146427	Cyclin-dependent kinase inhibitor 1B OS=Mus musculus GN=Cdkn1b PE=1 SV=2
O88448	Klc2	0.985353214	-0.021287123	0.918420654	0.036958358	Kinesin light chain 2 OS=Mus musculus GN=Klc2 PE=1 SV=1
Q8C754-2	Vps52	0.984567266	-0.02243832	0.918534021	0.036904753	Isoform 2 of Vacuolar protein sorting-associated protein 52 homolog OS=Mus musculus GN=Vps52
Q56A07	Scn2b	0.985414529	-0.021197352	0.91882296	0.036768161	Sodium channel subunit beta-2 OS=Mus musculus GN=Scn2b PE=1 SV=1
Q64G17	Anp32c	1.012119183	0.017379186	0.918919958	0.036722316	Putative acidic leucine-rich nuclear phosphoprotein 32 family member C OS=Mus musculus GN=Anp32c PE=2 SV=3
Q9D8X2	Ccdc124	0.988371402	-0.016874828	0.918973643	0.036696944	Coiled-coil domain-containing protein 124 OS=Mus musculus GN=Ccdc124 PE=2 SV=1
Q8BN59	Larp6	0.994312094	-0.00822934	0.919434677	0.036479121	La-related protein 6 OS=Mus musculus GN=Larp6 PE=1 SV=1
Q8CIN4	Pak2	1.002496491	0.003597187	0.919663577	0.036371013	Serine/threonine-protein kinase PAK 2 OS=Mus musculus GN=Pak2 PE=1 SV=1
Q61361	Bcan	0.997255157	-0.003965416	0.91975764	0.036326596	Brevican core protein OS=Mus musculus GN=Bcan PE=1 SV=2
P12367	Prkar2a	0.993126795	-0.009950173	0.919809672	0.036302028	cAMP-dependent protein kinase type II-alpha regulatory subunit OS=Mus musculus GN=Prkar2a PE=1 SV=2
Q8BM13	Olfm2	1.005948737	0.008556788	0.919975765	0.036223613	Noelin-2 OS=Mus musculus GN=Olfm2 PE=1 SV=2
Q6P8X1	Snx6	1.010742943	0.015416131	0.920132619	0.036149573	Sorting nexin-6 OS=Mus musculus GN=Snx6 PE=1 SV=2
Q8CCJ4	Amer2	0.980530303	-0.028365878	0.920868115	0.035802564	APC membrane recruitment protein 2 OS=Mus musculus GN=Amer2 PE=1 SV=2
Q80Z38-3	Shank2	1.004761208	0.006852671	0.920958837	0.03575978	Isoform 3 of SH3 and multiple ankyrin repeat domains protein 2 OS=Mus musculus GN=Shank2
P62192	Psmc1	0.989924995	-0.014608877	0.920959039	0.035759685	26S protease regulatory subunit 4 OS=Mus musculus GN=Psmc1 PE=1 SV=1
Q9Z2A5	Ate1	0.986507064	-0.019598714	0.920990709	0.035744751	Arginyl-tRNA--protein transferase 1 OS=Mus musculus GN=Ate1 PE=1 SV=2
Q8BTG7	Ndrg4	0.996608509	-0.004901203	0.921074034	0.035705461	Protein NDRG4 OS=Mus musculus GN=Ndrg4 PE=1 SV=1
P62242	Rps8	0.996995026	-0.004341787	0.921162931	0.035663547	40S ribosomal protein S8 OS=Mus musculus GN=Rps8 PE=1 SV=2
Q99MK8	Adrbk1	1.004065456	0.005853323	0.921404156	0.035549833	Beta-adrenergic receptor kinase 1 OS=Mus musculus GN=Adrbk1 PE=1 SV=2
P11881-3	Itpr1	0.992709332	-0.010556741	0.921429266	0.035537998	Isoform 3 of Inositol 1,4,5-trisphosphate receptor type 1 OS=Mus musculus GN=Itpr1
Q99J47	Dhrs7b	0.989803314	-0.014786222	0.921790628	0.035367712	Dehydrogenase/reductase SDR family member 7B OS=Mus musculus GN=Dhrs7b PE=2 SV=1
Q80XP9	Wnk3	0.977787814	-0.032406669	0.92217664	0.035185883	Serine/threonine-protein kinase WNK3 OS=Mus musculus GN=Wnk3 PE=2 SV=3
Q8CC36	Cdnf	1.010769536	0.015454088	0.922234372	0.035158696	Cerebral dopamine neurotrophic factor OS=Mus musculus GN=Cdnf PE=1 SV=1
B2RUJ5-3	Apba1	1.010809484	0.015511106	0.922242	0.035155103	Isoform 3 of Amyloid beta A4 precursor protein-binding family A member 1 OS=Mus musculus GN=Apba1
Q148V7	Kiaa1468	1.012213173	0.017513155	0.922323562	0.035116697	LisH domain and HEAT repeat-containing protein KIAA1468 OS=Mus musculus GN=Kiaa1468 PE=1 SV=1
P53810	Pitpna	0.994400503	-0.008101069	0.922699194	0.034939859	Phosphatidylinositol transfer protein alpha isoform OS=Mus musculus GN=Pitpna PE=1 SV=2
Q8C4X2	Csnk1g3	0.986539415	-0.019551403	0.922839131	0.034873998	Casein kinase I isoform gamma-3 OS=Mus musculus GN=Csnk1g3 PE=1 SV=2
Q9DB16	Cab39l	0.993036364	-0.010081546	0.922866171	0.034861273	Calcium-binding protein 39-like OS=Mus musculus GN=Cab39l PE=2 SV=3
P53811	Pitpnb	1.009962626	0.014301907	0.922951196	0.034821263	Phosphatidylinositol transfer protein beta isoform OS=Mus musculus GN=Pitpnb PE=1 SV=2
Q812A2	Srgap3	0.98037059	-0.028600889	0.922994763	0.034800763	SLIT-ROBO Rho GTPase-activating protein 3 OS=Mus musculus GN=Srgap3 PE=1 SV=1
Q9D7N3	Mrps9	0.988620091	-0.01651187	0.923514433	0.034556313	28S ribosomal protein S9, mitochondrial OS=Mus musculus GN=Mrps9 PE=2 SV=3
Q64521	Gpd2	1.007425042	0.010672498	0.923518941	0.034554193	Glycerol-3-phosphate dehydrogenase, mitochondrial OS=Mus musculus GN=Gpd2 PE=1 SV=2
Q99NB1	Acss1	1.008786892	0.012621434	0.923523781	0.034551917	Acetyl-coenzyme A synthetase 2-like, mitochondrial OS=Mus musculus GN=Acss1 PE=1 SV=1
Q6P3A8	Bckdhb	1.011900407	0.017067305	0.923634233	0.034499979	2-oxoisovalerate dehydrogenase subunit beta, mitochondrial OS=Mus musculus GN=Bckdhb PE=1 SV=2
Q3UHD1	Bai1	1.011795637	0.016917923	0.923909007	0.034370799	Brain-specific angiogenesis inhibitor 1 OS=Mus musculus GN=Bai1 PE=1 SV=1
P70288	Hdac2	1.015741796	0.022533712	0.924051268	0.034303933	Histone deacetylase 2 OS=Mus musculus GN=Hdac2 PE=1 SV=1
P99027	Rplp2	1.009987424	0.014337329	0.924402668	0.03413881	60S acidic ribosomal protein P2 OS=Mus musculus GN=Rplp2 PE=1 SV=3
Q99JI4	Psmd6	1.008041273	0.011554709	0.924664471	0.034015829	26S proteasome non-ATPase regulatory subunit 6 OS=Mus musculus GN=Psmd6 PE=1 SV=1
Q8BNU0	Armc6	1.005074445	0.007302365	0.92470191	0.033998245	Armadillo repeat-containing protein 6 OS=Mus musculus GN=Armc6 PE=2 SV=1
Q9CVB6	Arpc2	1.003595097	0.005177328	0.924709329	0.033994761	Actin-related protein 2/3 complex subunit 2 OS=Mus musculus GN=Arpc2 PE=1 SV=3
Q69Z98-3	Brsk2	0.997132913	-0.004142273	0.924860299	0.033923863	Isoform 3 of Serine/threonine-protein kinase BRSK2 OS=Mus musculus GN=Brsk2
Q60780	Gas7	1.013412073	0.019220922	0.925745988	0.033508161	Growth arrest-specific protein 7 OS=Mus musculus GN=Gas7 PE=1 SV=1
P56671	Maz	0.985531059	-0.021026756	0.926096572	0.033343723	Myc-associated zinc finger protein OS=Mus musculus GN=Maz PE=1 SV=1
Q9Z0N1	Eif2s3x	0.99121022	-0.012737032	0.92612325	0.033331213	Eukaryotic translation initiation factor 2 subunit 3, X-linked OS=Mus musculus GN=Eif2s3x PE=1 SV=2
Q9DAW9	Cnn3	1.009407371	0.013508527	0.926456651	0.033174896	Calponin-3 OS=Mus musculus GN=Cnn3 PE=1 SV=1
P63054	Pcp4	0.991140269	-0.012838849	0.926930325	0.032952909	Purkinje cell protein 4 OS=Mus musculus GN=Pcp4 PE=2 SV=2
Q8VEL9	Rem2	0.989549355	-0.01515643	0.92775223	0.032567993	GTP-binding protein REM 2 OS=Mus musculus GN=Rem2 PE=1 SV=2
P35276	Rab3d	1.007490728	0.010766562	0.928105258	0.032402767	Ras-related protein Rab-3D OS=Mus musculus GN=Rab3d PE=1 SV=1
Q8BU88	Mrpl22	0.996188799	-0.005508905	0.928315848	0.032304236	39S ribosomal protein L22, mitochondrial OS=Mus musculus GN=Mrpl22 PE=2 SV=1
Q8VCE6	Nt5m	0.993858871	-0.008887093	0.928405864	0.032262125	5'(3')-deoxyribonucleotidase, mitochondrial OS=Mus musculus GN=Nt5m PE=2 SV=1
Q8CFK6	Dennd1c	1.017719165	0.02533951	0.929115071	0.031930495	DENN domain-containing protein 1C OS=Mus musculus GN=Dennd1c PE=2 SV=1
Q9JKB1	Uchl3	0.988446243	-0.016765589	0.929260386	0.031862576	Ubiquitin carboxyl-terminal hydrolase isozyme L3 OS=Mus musculus GN=Uchl3 PE=1 SV=2
Q9QUR7	Pin1	0.996114536	-0.005616458	0.929343066	0.031823937	Peptidyl-prolyl cis-trans isomerase NIMA-interacting 1 OS=Mus musculus GN=Pin1 PE=1 SV=1
B1AZP2-2	Dlgap4	1.008209559	0.011795538	0.929594466	0.031706471	Isoform 2 of Disks large-associated protein 4 OS=Mus musculus GN=Dlgap4
Q91Z53	Grhpr	1.023012744	0.032824117	0.929607589	0.03170034	Glyoxylate reductase/hydroxypyruvate reductase OS=Mus musculus GN=Grhpr PE=1 SV=1
Q80VP9	Asphd2	1.022380152	0.031931734	0.929647921	0.031681497	Aspartate beta-hydroxylase domain-containing protein 2 OS=Mus musculus GN=Asphd2 PE=2 SV=1

Accession	Gene	Fold Change (KO vs. WT)	Log2 Fold Change	Students T Test	-Log10 T Test	Description
Q60875-5	Arhgef2	1.003694257	0.005319865	0.930395316	0.031332485	Isoform 5 of Rho guanine nucleotide exchange factor 2 OS=Mus musculus GN=Arhgef2
O88291	Znf326	0.993106183	-0.009980116	0.930526471	0.031271268	DBIRD complex subunit ZNF326 OS=Mus musculus GN=Znf326 PE=2 SV=1
P11031	Sub1	0.990244272	-0.014143643	0.930974389	0.031062266	Activated RNA polymerase II transcriptional coactivator p15 OS=Mus musculus GN=Sub1 PE=1 SV=3
Q5DTY9	Kctd16	1.006935061	0.009970644	0.931139011	0.030985478	BTB/POZ domain-containing protein KCTD16 OS=Mus musculus GN=Kctd16 PE=1 SV=2
P51660	Hsd17b4	0.991425015	-0.012424435	0.931459741	0.030835911	Peroxisomal multifunctional enzyme type 2 OS=Mus musculus GN=Hsd17b4 PE=1 SV=3
Q60809	Cnot7	1.020234127	0.028900265	0.931741382	0.030704615	CCR4-NOT transcription complex subunit 7 OS=Mus musculus GN=Cnot7 PE=1 SV=1
Q9D1I6	Mrpl14	0.996311404	-0.005331357	0.932092612	0.030540935	39S ribosomal protein L14, mitochondrial OS=Mus musculus GN=Mrpl14 PE=2 SV=1
Q04690-3	Nf1	1.009075375	0.013033944	0.932257815	0.030463967	Isoform 3 of Neurofibromin OS=Mus musculus GN=Nf1
P05132	Prkaca	0.993878565	-0.008858505	0.932260004	0.030462948	cAMP-dependent protein kinase catalytic subunit alpha OS=Mus musculus GN=Prkaca PE=1 SV=3
Q9QY36	Naa10	0.987960423	-0.017474846	0.932451095	0.030373937	N-alpha-acetyltransferase 10 OS=Mus musculus GN=Naa10 PE=1 SV=1
Q80UP3	Dgkz	0.988587677	-0.016559171	0.93248829	0.030356613	Diacylglycerol kinase zeta OS=Mus musculus GN=Dgkz PE=1 SV=2
O55057	Pde6d	1.009274201	0.013318181	0.932524724	0.030339645	Retinal rod rhodopsin-sensitive cGMP 3',5'-cyclic phosphodiesterase subunit delta OS=Mus musculus GN=Pde6d PE=1 SV=1
O08539-2	Bin1	1.004466111	0.006428891	0.932564984	0.030320895	Isoform 2 of Myc box-dependent-interacting protein 1 OS=Mus musculus GN=Bin1
Q6PDL0	Dync1li2	1.006794681	0.0097695	0.932985871	0.030124933	Cytoplasmic dynein 1 light intermediate chain 2 OS=Mus musculus GN=Dync1li2 PE=1 SV=2
P11798-2	Camk2a	0.992281821	-0.011178172	0.933059174	0.030090813	Isoform Alpha KAP of Calcium/calmodulin-dependent protein kinase type II subunit alpha OS=Mus musculus GN=Camk2a
Q99NE5-4	Rims1	1.009840717	0.014127753	0.933111411	0.030066499	Isoform 4 of Regulating synaptic membrane exocytosis protein 1 OS=Mus musculus GN=Rims1
Q8R0W0	Eppk1	0.988226355	-0.017086564	0.93315829	0.030044682	Epiplakin OS=Mus musculus GN=Eppk1 PE=1 SV=2
P97797	Sirpa	1.00802099	0.01152568	0.93322373	0.030014227	Tyrosine-protein phosphatase non-receptor type substrate 1 OS=Mus musculus GN=Sirpa PE=1 SV=1
Q14CH0	Fam171b	0.994661281	-0.007722776	0.933372211	0.029945133	Protein FAM171B OS=Mus musculus GN=Fam171b PE=1 SV=2
Q8BK63	Csnk1a1	0.993944714	-0.008762487	0.933480002	0.029894982	Casein kinase I isoform alpha OS=Mus musculus GN=Csnk1a1 PE=1 SV=2
Q8R3V5-3	Sh3glb2	0.997548476	-0.003541144	0.934214998	0.029553165	Isoform 3 of Endophilin-B2 OS=Mus musculus GN=Sh3glb2
Q9D2V7	Coro7	1.012430571	0.017822976	0.934522661	0.029410163	Coronin-7 OS=Mus musculus GN=Coro7 PE=2 SV=2
P23116	Eif3a	1.005112966	0.007357657	0.934540968	0.029401655	Eukaryotic translation initiation factor 3 subunit A OS=Mus musculus GN=Eif3a PE=1 SV=5
Q5DTL9-2	Slc4a10	1.007152839	0.010282635	0.934756211	0.029301641	Isoform 2 of Sodium-driven chloride bicarbonate exchanger OS=Mus musculus GN=Slc4a10
Q5DTL9	Slc4a10	1.007152839	0.010282635	0.934756211	0.029301641	Sodium-driven chloride bicarbonate exchanger OS=Mus musculus GN=Slc4a10 PE=1 SV=2
P61922-2	Abat	1.004319358	0.006218097	0.934764044	0.029298001	Isoform 2 of 4-aminobutyrate aminotransferase, mitochondrial OS=Mus musculus GN=Abat
P70206	Plxna1	0.994392076	-0.008113295	0.934983955	0.029195842	Plexin-A1 OS=Mus musculus GN=Plxna1 PE=1 SV=1
P97493	Txn2	0.978449831	-0.031430214	0.935230369	0.029081399	Thioredoxin, mitochondrial OS=Mus musculus GN=Txn2 PE=1 SV=1
Q9CPS6	Hint3	0.981911388	-0.02633526	0.935276753	0.02905986	Histidine triad nucleotide-binding protein 3 OS=Mus musculus GN=Hint3 PE=2 SV=1
Q9WU28	Pfdn5	0.995629638	-0.006318918	0.935361501	0.029020509	Prefoldin subunit 5 OS=Mus musculus GN=Pfdn5 PE=1 SV=1
O70318	Epb41l2	1.013310916	0.019076906	0.935462059	0.028973822	Band 4.1-like protein 2 OS=Mus musculus GN=Epb41l2 PE=1 SV=2
Q64674	Srm	0.995137353	-0.007032429	0.935842641	0.028797171	Spermidine synthase OS=Mus musculus GN=Srm PE=2 SV=1
Q60899	Elavl2	0.994120779	-0.008506955	0.936025169	0.028712473	ELAV-like protein 2 OS=Mus musculus GN=Elavl2 PE=2 SV=1
Q8VDD5	Myh9	1.002428827	0.003499808	0.936184256	0.028638667	Myosin-9 OS=Mus musculus GN=Myh9 PE=1 SV=4
Q8K4G5-5	Ablim1	1.003941048	0.005674556	0.93622277	0.028620801	Isoform 5 of Actin-binding LIM protein 1 OS=Mus musculus GN=Ablim1
Q80WC7	Agfg2	1.004939322	0.007108395	0.936433191	0.028523202	Arf-GAP domain and FG repeat-containing protein 2 OS=Mus musculus GN=Agfg2 PE=1 SV=1
Q9D1B9	Mrpl28	0.98552488	-0.021035802	0.936610949	0.02844077	39S ribosomal protein L28, mitochondrial OS=Mus musculus GN=Mrpl28 PE=2 SV=3
Q8K2H2	Otud6b	1.010670544	0.015312787	0.936654891	0.028420395	OTU domain-containing protein 6B OS=Mus musculus GN=Otud6b PE=2 SV=1
Q9D1F4	Akt1s1	0.997009182	-0.004321303	0.937014659	0.028253615	Proline-rich AKT1 substrate 1 OS=Mus musculus GN=Akt1s1 PE=1 SV=1
Q3UHU5-2	Soga2	1.020499065	0.029274861	0.93703255	0.028245323	Isoform 2 of Protein SOGA2 OS=Mus musculus GN=Soga2
Q8QZZ7	Tprkb	1.005638591	0.008111919	0.937072883	0.02822663	EKC/KEOPS complex subunit Tprkb OS=Mus musculus GN=Tprkb PE=2 SV=1
P57716	Ncstn	0.992070783	-0.011485036	0.937141813	0.028194684	Nicastrin OS=Mus musculus GN=Ncstn PE=1 SV=3
Q9QUM9	Psma6	0.993731855	-0.009071482	0.937528472	0.028015534	Proteasome subunit alpha type-6 OS=Mus musculus GN=Psma6 PE=1 SV=1
Q3UPL0-3	Sec31a	1.006644914	0.009554874	0.937936378	0.027826619	Isoform 3 of Protein transport protein Sec31A OS=Mus musculus GN=Sec31a
Q91ZX7	Lrp1	1.008512356	0.01222876	0.93828182	0.027666699	Prolow-density lipoprotein receptor-related protein 1 OS=Mus musculus GN=Lrp1 PE=1 SV=1
Q9CZ83	Mrpl55	1.003734952	0.005378359	0.938792796	0.027430251	39S ribosomal protein L55, mitochondrial OS=Mus musculus GN=Mrpl55 PE=2 SV=1
Q61753	Phgdh	0.99463227	-0.007764856	0.93883296	0.027411672	D-3-phosphoglycerate dehydrogenase OS=Mus musculus GN=Phgdh PE=1 SV=3
Q80U72-3	Scrib	1.017094493	0.024453719	0.939581067	0.027065743	Isoform 3 of Protein scribble homolog OS=Mus musculus GN=Scrib
Q8R2U4	Ntmt1	0.987991094	-0.017430058	0.939868401	0.026932951	N-terminal Xaa-Pro-Lys N-methyltransferase 1 OS=Mus musculus GN=Ntmt1 PE=2 SV=3
Q8CBF3	Ephb1	1.009634985	0.013833807	0.9403152	0.026726544	Ephrin type-B receptor 1 OS=Mus musculus GN=Ephb1 PE=1 SV=1
Q9QYB8	Add2	1.004980391	0.007167351	0.940436196	0.026670664	Beta-adducin OS=Mus musculus GN=Add2 PE=1 SV=4
Q6A065	Cep170	0.991654771	-0.012090138	0.941013594	0.026404103	Centrosomal protein of 170 kDa OS=Mus musculus GN=Cep170 PE=1 SV=2
Q91YD9	Wasl	1.006035176	0.008680749	0.941555324	0.026154157	Neural Wiskott-Aldrich syndrome protein OS=Mus musculus GN=Wasl PE=1 SV=1
A2AGT5-3	Ckap5	1.00247912	0.003572189	0.941755471	0.026061848	Isoform 3 of Cytoskeleton-associated protein 5 OS=Mus musculus GN=Ckap5
P70195	Psmb7	1.008030334	0.011539054	0.941819989	0.026032096	Proteasome subunit beta type-7 OS=Mus musculus GN=Psmb7 PE=1 SV=1
Q9WUA6	Akt3	1.010612585	0.015230051	0.941864522	0.026011562	RAC-gamma serine/threonine-protein kinase OS=Mus musculus GN=Akt3 PE=1 SV=1
P17426	Ap2a1	1.005878151	0.008455551	0.941888347	0.026000576	AP-2 complex subunit alpha-1 OS=Mus musculus GN=Ap2a1 PE=1 SV=1
Q9D823	Rpl37	1.003755451	0.005407822	0.942107777	0.025899411	60S ribosomal protein L37 OS=Mus musculus GN=Rpl37 PE=2 SV=3
O35129	Phb2	0.997338845	-0.003844353	0.942171975	0.025869818	Prohibitin-2 OS=Mus musculus GN=Phb2 PE=1 SV=1
P97384	Anxa11	0.984940671	-0.02189127	0.942272126	0.025823656	Annexin A11 OS=Mus musculus GN=Anxa11 PE=1 SV=2
P28656	Nap1l1	0.993753293	-0.009040359	0.943020015	0.025479089	Nucleosome assembly protein 1-like 1 OS=Mus musculus GN=Nap1l1 PE=1 SV=2
Q64331	Myo6	0.994831095	-0.007476493	0.943027513	0.025475636	Unconventional myosin-VI OS=Mus musculus GN=Myo6 PE=1 SV=1
Q8CAY6	Acat2	0.99462714	-0.007772297	0.943144855	0.0254216	Acetyl-CoA acetyltransferase, cytosolic OS=Mus musculus GN=Acat2 PE=1 SV=2
Q3UGR5	Hdhd2	1.00347507	0.005004776	0.943252568	0.025372004	Haloacid dehalogenase-like hydrolase domain-containing protein 2 OS=Mus musculus GN=Hdhd2 PE=1 SV=2
Q8K2Q9	Kiaa1598	0.992067741	-0.01148946	0.943383562	0.025311695	Shootin-1 OS=Mus musculus GN=Kiaa1598 PE=1 SV=1
Q9EPC1	Parva	0.991420275	-0.012431333	0.943567042	0.025227237	Alpha-parvin OS=Mus musculus GN=Parva PE=1 SV=1
P63321	Rala	1.002884597	0.004155603	0.943822304	0.025109764	Ras-related protein Ral-A OS=Mus musculus GN=Rala PE=1 SV=1
Q8VHH5-2	Agap3	0.984519908	-0.022507715	0.944215244	0.024928992	Isoform 2 of Arf-GAP with GTPase, ANK repeat and PH domain-containing protein 3 OS=Mus musculus GN=Agap3
Q8C419	Gpr158	0.997254897	-0.003965793	0.944280953	0.02489877	Probable G-protein coupled receptor 158 OS=Mus musculus GN=Gpr158 PE=1 SV=2
Q921K9	Bcl7b	1.005190341	0.007468713	0.944453973	0.024819202	B-cell CLL/lymphoma 7 protein family member B OS=Mus musculus GN=Bcl7b PE=1 SV=1
Q3KNM2	March5	0.991507486	-0.01230443	0.945136939	0.024505263	E3 ubiquitin-protein ligase MARCH5 OS=Mus musculus GN=March5 PE=2 SV=1
Q8CBY8	Dctn4	1.004536789	0.006530401	0.946237743	0.023999733	Dynactin subunit 4 OS=Mus musculus GN=Dctn4 PE=1 SV=1
Q6NS52	Dgkb	0.992531219	-0.010815614	0.946525279	0.023867783	Diacylglycerol kinase beta OS=Mus musculus GN=Dgkb PE=2 SV=2
Q80TL4-2	Kiaa1045	0.986252593	-0.019970907	0.946697131	0.023788939	Isoform 2 of Protein KIAA1045 OS=Mus musculus GN=Kiaa1045
Q9JHK4	Rabggta	0.990593247	-0.013635309	0.946798102	0.023742621	Geranylgeranyl transferase type-2 subunit alpha OS=Mus musculus GN=Rabggta PE=2 SV=1
Q8R0P4	Aamdc	0.981583029	-0.026817788	0.946855342	0.023716366	Mth938 domain-containing protein OS=Mus musculus GN=Aamdc PE=1 SV=1
Q9JI90	Rnf14	1.00292398	0.004212256	0.947119279	0.023595323	E3 ubiquitin-protein ligase RNF14 OS=Mus musculus GN=Rnf14 PE=2 SV=2
P70296	Pebp1	1.005704096	0.00820589	0.947288128	0.023517906	Phosphatidylethanolamine-binding protein 1 OS=Mus musculus GN=Pebp1 PE=1 SV=3
Q80Y17	Llgl1	0.99259994	-0.010715727	0.947336695	0.02349564	Lethal(2) giant larvae protein homolog 1 OS=Mus musculus GN=Llgl1 PE=1 SV=1
Q9CRA9	Fgfr1op2	0.990343034	-0.013999764	0.948605797	0.022914226	FGFR1 oncogene partner 2 homolog OS=Mus musculus GN=Fgfr1op2 PE=2 SV=1
Q99KN9	Clint1	0.988222181	-0.017092657	0.949835894	0.022351423	Clathrin interactor 1 OS=Mus musculus GN=Clint1 PE=1 SV=2
Q8CIB5	Fermt2	0.997294261	-0.003908847	0.950063377	0.022247423	Fermitin family homolog 2 OS=Mus musculus GN=Fermt2 PE=1 SV=1
Q60597-2	Ogdh	0.998576418	-0.002055257	0.951020268	0.021810228	Isoform 2 of 2-oxoglutarate dehydrogenase, mitochondrial OS=Mus musculus GN=Ogdh
Q9DD18	Dtd1	1.005272656	0.007586851	0.95122381	0.021717287	D-tyrosyl-tRNA(Tyr) deacylase 1 OS=Mus musculus GN=Dtd1 PE=1 SV=2
P61750	Arf4	1.004862782	0.006998509	0.951325538	0.021670844	ADP-ribosylation factor 4 OS=Mus musculus GN=Arf4 PE=1 SV=2
Q8K2K6-2	Agfg1	0.993477786	-0.009440385	0.951642236	0.021526291	Isoform 2 of Arf-GAP domain and FG repeat-containing protein 1 OS=Mus musculus GN=Agfg1
Q60597-4	Ogdh	0.99859506	-0.002028326	0.951817901	0.021446132	Isoform 4 of 2-oxoglutarate dehydrogenase, mitochondrial OS=Mus musculus GN=Ogdh
Q8BG32	Psmd11	1.002179463	0.003140879	0.951821055	0.021444692	26S proteasome non-ATPase regulatory subunit 11 OS=Mus musculus GN=Psmd11 PE=1 SV=3
Q60597	Ogdh	0.998605698	-0.002012956	0.951854913	0.021429244	2-oxoglutarate dehydrogenase, mitochondrial OS=Mus musculus GN=Ogdh PE=1 SV=3
Q61036	Pak3	0.996795339	-0.004630772	0.952219131	0.021263097	Serine/threonine-protein kinase PAK 3 OS=Mus musculus GN=Pak3 PE=1 SV=2
Q60597-3	Ogdh	0.998625042	-0.001985009	0.952678201	0.021053772	Isoform 3 of 2-oxoglutarate dehydrogenase, mitochondrial OS=Mus musculus GN=Ogdh
Q99MR0	Actl6b	1.0028841	0.004154888	0.953033096	0.020892017	Actin-like protein 6B OS=Mus musculus GN=Actl6b PE=1 SV=1
Q8VD65	Pik3r4	1.008486128	0.01219124	0.95320194	0.020815082	Phosphoinositide 3-kinase regulatory subunit 4 OS=Mus musculus GN=Pik3r4 PE=1 SV=3
Q3TES0	Iqsec3	0.99513478	-0.007036159	0.95321781	0.020807852	IQ motif and SEC7 domain-containing protein 3 OS=Mus musculus GN=Iqsec3 PE=2 SV=1
Q80TM6-3	R3hdm2	0.994774055	-0.007559213	0.953329956	0.02075676	Isoform 3 of R3H domain-containing protein 2 OS=Mus musculus GN=R3hdm2
Q3THW5	H2afv	0.995011358	-0.007215101	0.953332519	0.020755592	Histone H2A.V OS=Mus musculus GN=H2afv PE=1 SV=3
P61255	Rpl26	0.997029391	-0.004292061	0.953815052	0.020535829	60S ribosomal protein L26 OS=Mus musculus GN=Rpl26 PE=1 SV=1
Q9QZH6	Ecsit	0.994280593	-0.008275047	0.953916941	0.020489439	Evolutionarily conserved signaling intermediate in Toll pathway, mitochondrial OS=Mus musculus GN=Ecsit PE=1 SV=2
Q8BFP9	Pdk1	1.010140584	0.014556091	0.954095339	0.020408226	[Pyruvate dehydrogenase (acetyl-transferring)] kinase isozyme 1, mitochondrial OS=Mus musculus GN=Pdk1 PE=1 SV=2
Q8R071	Itpka	0.996847264	-0.004555622	0.95413819	0.020388721	Inositol-trisphosphate 3-kinase A OS=Mus musculus GN=Itpka PE=2 SV=1
Q9D7X3	Dusp3	1.007520137	0.010808674	0.954193992	0.020363322	Dual specificity protein phosphatase 3 OS=Mus musculus GN=Dusp3 PE=1 SV=1
O35927	Ctnnd2	1.005692146	0.008188748	0.955411853	0.019809375	Catenin delta-2 OS=Mus musculus GN=Ctnnd2 PE=1 SV=1
Q8CHC4	Synj1	1.003568333	0.005138854	0.95548642	0.019775481	Synaptojanin-1 OS=Mus musculus GN=Synj1 PE=1 SV=3
Q6PGN3-3	Dclk2	0.994984894	-0.007253472	0.955535652	0.019753105	Isoform 3 of Serine/threonine-protein kinase DCLK2 OS=Mus musculus GN=Dclk2
P28184	Mt3	0.992653103	-0.01063846	0.955897428	0.019588707	Metallothionein-3 OS=Mus musculus GN=Mt3 PE=1 SV=1
Q6PD03	Ppp2r5a	0.993483064	-0.009432721	0.955954938	0.019562579	Serine/threonine-protein phosphatase 2A 56 kDa regulatory subunit alpha isoform OS=Mus musculus GN=Ppp2r5a PE=2 SV=1
Q8K009	Aldh1l2	0.99416327	-0.008445292	0.956245626	0.019430538	Mitochondrial 10-formyltetrahydrofolate dehydrogenase OS=Mus musculus GN=Aldh1l2 PE=1 SV=2
Q14CH7	Aars2	1.006183324	0.008893185	0.956333522	0.019390621	Alanine--tRNA ligase, mitochondrial OS=Mus musculus GN=Aars2 PE=2 SV=1
P62482	Kcnab2	0.993501055	-0.009406596	0.956916155	0.019126113	Voltage-gated potassium channel subunit beta-2 OS=Mus musculus GN=Kcnab2 PE=2 SV=1
Q9CQB5	Cisd2	0.995557397	-0.0064236	0.956997077	0.019089389	CDGSH iron-sulfur domain-containing protein 2 OS=Mus musculus GN=Cisd2 PE=1 SV=1
Q99N84	Mrps18b	0.99476857	-0.007567169	0.957262584	0.018968916	28S ribosomal protein S18b, mitochondrial OS=Mus musculus GN=Mrps18b PE=2 SV=1
O35250	Exoc7	0.997938364	-0.002977383	0.957558695	0.018834596	Exocyst complex component 7 OS=Mus musculus GN=Exoc7 PE=1 SV=2
Q9DC16	Ergic1	1.003580539	0.005156399	0.957660777	0.0187883	Endoplasmic reticulum-Golgi intermediate compartment protein 1 OS=Mus musculus GN=Ergic1 PE=1 SV=1
Q8BXK8	Agap1	0.988471706	-0.016728423	0.958203879	0.018542076	Arf-GAP with GTPase, ANK repeat and PH domain-containing protein 1 OS=Mus musculus GN=Agap1 PE=2 SV=1
P68181-3	Prkacb	0.996275954	-0.005382691	0.95829366	0.018501385	Isoform 3 of cAMP-dependent protein kinase catalytic subunit beta OS=Mus musculus GN=Prkacb
Q8CFE4	Scyl2	1.004457547	0.00641659	0.958698256	0.018318062	SCY1-like protein 2 OS=Mus musculus GN=Scyl2 PE=1 SV=1
Q01097	Grin2b	0.996517586	-0.00503283	0.958944604	0.01820648	Glutamate receptor ionotropic, NMDA 2B OS=Mus musculus GN=Grin2b PE=1 SV=3

Accession	Gene	Fold Change (KO vs. WT)	Log2 Fold Change	Students T Test	-Log10 T Test	Description
P10126	Eef1a1	1.00323403	0.004658191	0.959132514	0.018121387	Elongation factor 1-alpha 1 OS=Mus musculus GN=Eef1a1 PE=1 SV=3
Q99K28	Arfgap2	1.012322109	0.017668411	0.959660882	0.017882208	ADP-ribosylation factor GTPase-activating protein 2 OS=Mus musculus GN=Arfgap2 PE=1 SV=1
P61963	Dcaf7	0.98463859	-0.022333812	0.95976934	0.017833128	DDB1- and CUL4-associated factor 7 OS=Mus musculus GN=Dcaf7 PE=2 SV=1
P80317	Cct6a	0.997758125	-0.003237973	0.959773575	0.017831211	T-complex protein 1 subunit zeta OS=Mus musculus GN=Cct6a PE=1 SV=3
O35927-2	Ctnnd2	1.004946161	0.007118212	0.959981129	0.017737304	Isoform 2 of Catenin delta-2 OS=Mus musculus GN=Ctnnd2
Q8JZR6	Slc4a8	0.989688844	-0.014953078	0.960258051	0.017612043	Electroneutral sodium bicarbonate exchanger 1 OS=Mus musculus GN=Slc4a8 PE=2 SV=1
Q78ZA7	Nap1l4	1.004542721	0.00653892	0.960708101	0.017408547	Nucleosome assembly protein 1-like 4 OS=Mus musculus GN=Nap1l4 PE=1 SV=1
Q9QXT0	Cnpy2	1.013191912	0.018907465	0.961080625	0.017240178	Protein canopy homolog 2 OS=Mus musculus GN=Cnpy2 PE=1 SV=1
P47915	Rpl29	1.002915943	0.004200694	0.961435466	0.017079861	60S ribosomal protein L29 OS=Mus musculus GN=Rpl29 PE=2 SV=2
Q8R5C5	Actr1b	1.003974904	0.005723208	0.962004972	0.016822684	Beta-centractin OS=Mus musculus GN=Actr1b PE=1 SV=1
Q8C547	Heatr5b	0.995776296	-0.006106422	0.962329167	0.016676351	HEAT repeat-containing protein 5B OS=Mus musculus GN=Heatr5b PE=2 SV=3
Q9Z2W0	Dnpep	0.993662002	-0.009172898	0.96237707	0.016654733	Aspartyl aminopeptidase OS=Mus musculus GN=Dnpep PE=2 SV=2
Q921S7	Mrpl37	0.995127666	-0.007046473	0.962525102	0.016587936	39S ribosomal protein L37, mitochondrial OS=Mus musculus GN=Mrpl37 PE=2 SV=1
Q5M8N4	Sdr39u1	0.985808273	-0.020621006	0.962639924	0.016536131	Epimerase family protein SDR39U1 OS=Mus musculus GN=Sdr39u1 PE=2 SV=1
Q9WVA4	Tagln2	0.995753401	-0.006139593	0.962949262	0.016396595	Transgelin-2 OS=Mus musculus GN=Tagln2 PE=1 SV=4
Q8R191	Syngr3	0.991911603	-0.011716539	0.962999847	0.016373782	Synaptogyrin-3 OS=Mus musculus GN=Syngr3 PE=1 SV=1
Q61686	Cbx5	0.994311939	-0.008229565	0.963037453	0.016356823	Chromobox protein homolog 5 OS=Mus musculus GN=Cbx5 PE=1 SV=1
Q8BKZ9	Pdhx	1.002577368	0.003713572	0.963095277	0.016330747	Pyruvate dehydrogenase protein X component, mitochondrial OS=Mus musculus GN=Pdhx PE=1 SV=1
Q8BMJ3	Eif1ax	0.995411391	-0.006635199	0.963355708	0.016213325	Eukaryotic translation initiation factor 1A, X-chromosomal OS=Mus musculus GN=Eif1ax PE=2 SV=3
Q99KP6-2	Prpf19	1.008547669	0.012279275	0.963847115	0.015991848	Isoform 2 of Pre-mRNA-processing factor 19 OS=Mus musculus GN=Prpf19
P54754	Ephb3	1.007206304	0.010359217	0.963931529	0.015953814	Ephrin type-B receptor 3 OS=Mus musculus GN=Ephb3 PE=1 SV=2
Q9WV34	Mpp2	1.003618605	0.005211121	0.964421651	0.015733049	MAGUK p55 subfamily member 2 OS=Mus musculus GN=Mpp2 PE=1 SV=1
Q6R0H7-4	Gnas	0.996458315	-0.005118642	0.964608078	0.015649105	Isoform XLas-4 of Guanine nucleotide-binding protein G(s) subunit alpha isoforms XLas OS=Mus musculus GN=Gnas
Q80WJ7	Mtdh	1.003140391	0.004523528	0.964717282	0.015599942	Protein LYRIC OS=Mus musculus GN=Mtdh PE=1 SV=1
Q7TPM6-2	Fsd1	0.993726452	-0.009079327	0.964737838	0.015590688	Isoform 2 of Fibronectin type III and SPRY domain-containing protein 1 OS=Mus musculus GN=Fsd1
Q9QUR8	Sema7a	1.002497744	0.003598989	0.965216431	0.015375294	Semaphorin-7A OS=Mus musculus GN=Sema7a PE=1 SV=1
P11103	Parp1	1.003168388	0.004563791	0.965540835	0.015229354	Poly [ADP-ribose] polymerase 1 OS=Mus musculus GN=Parp1 PE=1 SV=3
Q9JJK2	Lancl2	0.998111207	-0.00272753	0.965818954	0.015104276	LanC-like protein 2 OS=Mus musculus GN=Lancl2 PE=1 SV=1
Q92282	Dars	0.995312214	-0.006778947	0.966357509	0.014862174	Aspartate--tRNA ligase, cytoplasmic OS=Mus musculus GN=Dars PE=2 SV=2
P35290	Rab24	1.004636448	0.006673521	0.966387752	0.014848583	Ras-related protein Rab-24 OS=Mus musculus GN=Rab24 PE=1 SV=2
Q61206	Pafah1b2	1.005149578	0.007410207	0.966725163	0.014696977	Platelet-activating factor acetylhydrolase IB subunit beta OS=Mus musculus GN=Pafah1b2 PE=1 SV=2
Q9WTP7	Ak3	0.996864884	-0.004530122	0.967091112	0.014532608	GTP:AMP phosphotransferase AK3, mitochondrial OS=Mus musculus GN=Ak3 PE=1 SV=3
Q6PHQ8	Naa35	1.011737829	0.016835494	0.967728041	0.014246675	N-alpha-acetyltransferase 35, NatC auxiliary subunit OS=Mus musculus GN=Naa35 PE=1 SV=1
Q8CFI0-3	Nedd4l	0.996707093	-0.004758499	0.967753912	0.014235064	Isoform 3 of E3 ubiquitin-protein ligase NEDD4-like OS=Mus musculus GN=Nedd4l
P20917	Mag	0.99504219	-0.007170397	0.96820942	0.014030696	Myelin-associated glycoprotein OS=Mus musculus GN=Mag PE=1 SV=2
Q91XF0	Pnpo	1.003524976	0.005076524	0.968450238	0.01392269	Pyridoxine-5'-phosphate oxidase OS=Mus musculus GN=Pnpo PE=1 SV=1
Q9DB29	Iah1	1.002139545	0.003083414	0.969159707	0.01360465	Isoamyl acetate-hydrolyzing esterase 1 homolog OS=Mus musculus GN=Iah1 PE=1 SV=1
Q62433	Ndrg1	0.991301304	-0.012604467	0.969278312	0.013551505	Protein NDRG1 OS=Mus musculus GN=Ndrg1 PE=1 SV=1
Q3B7Z2	Osbp	1.003192528	0.004598508	0.96959493	0.013409664	Oxysterol-binding protein 1 OS=Mus musculus GN=Osbp PE=1 SV=3
A2AWA9	Rabgap1	1.006734438	0.009683172	0.969612293	0.013401887	Rab GTPase-activating protein 1 OS=Mus musculus GN=Rabgap1 PE=1 SV=1
Q922J6	Tspan2	0.985940019	-0.020428214	0.969770583	0.013330994	Tetraspanin-2 OS=Mus musculus GN=Tspan2 PE=1 SV=1
Q80VL1	Tdrkh	0.991719592	-0.011995838	0.969933332	0.013258116	Tudor and KH domain-containing protein OS=Mus musculus GN=Tdrkh PE=1 SV=1
Q99KW9	Itfg1	1.004687962	0.006747496	0.96996741	0.013242857	T-cell immunomodulatory protein OS=Mus musculus GN=Itfg1 PE=2 SV=2
O35226	Psmd4	1.002645126	0.003811072	0.970197332	0.013139924	26S proteasome non-ATPase regulatory subunit 4 OS=Mus musculus GN=Psmd4 PE=1 SV=1
P58321	Uchl4	1.005847487	0.008411572	0.970245679	0.013118283	Ubiquitin carboxyl-terminal hydrolase isozyme L4 OS=Mus musculus GN=Uchl4 PE=2 SV=1
Q791V5	Mtch2	0.996687735	-0.004786519	0.970275925	0.013104744	Mitochondrial carrier homolog 2 OS=Mus musculus GN=Mtch2 PE=1 SV=1
P60335	Pcbp1	1.00163973	0.002363693	0.97076584	0.012885514	Poly(rC)-binding protein 1 OS=Mus musculus GN=Pcbp1 PE=1 SV=1
P58871	Tnks1bp1	1.005238126	0.007537294	0.970920944	0.012816131	182 kDa tankyrase-1-binding protein OS=Mus musculus GN=Tnks1bp1 PE=1 SV=2
Q64012	Raly	0.994120738	-0.008507015	0.971121619	0.012726377	RNA-binding protein Raly OS=Mus musculus GN=Raly PE=1 SV=3
Q8VDM6-3	Hnrnpul1	0.996295709	-0.005354085	0.971129974	0.012722641	Isoform 3 of Heterogeneous nuclear ribonucleoprotein U-like protein 1 OS=Mus musculus GN=Hnrnpul1
Q61120	Shc3	0.996124493	-0.005602036	0.971498198	0.012558001	SHC-transforming protein 3 OS=Mus musculus GN=Shc3 PE=1 SV=2
Q61701-2	Elavl4	0.997120143	-0.00416075	0.971821992	0.012413277	Isoform 2 of ELAV-like protein 4 OS=Mus musculus GN=Elavl4
Q8BTF8	Ralyl	0.991860772	-0.011790471	0.972042884	0.012314575	RNA-binding Raly-like protein OS=Mus musculus GN=Ralyl PE=2 SV=1
Q9D880	Timm50	0.997226705	-0.004006577	0.972442507	0.012136066	Mitochondrial import inner membrane translocase subunit TIM50 OS=Mus musculus GN=Timm50 PE=1 SV=1
Q61735	Cd47	1.00376016	0.005414591	0.972758255	0.011995075	Leukocyte surface antigen CD47 OS=Mus musculus GN=Cd47 PE=1 SV=2
P03893	Mtnd2	1.009452226	0.013572635	0.972985377	0.011893687	NADH-ubiquinone oxidoreductase chain 2 OS=Mus musculus GN=Mtnd2 PE=1 SV=1
Q8BRT1-6	Clasp2	0.995899386	-0.005928099	0.973221847	0.011788151	Isoform 3 of CLIP-associating protein 2 OS=Mus musculus GN=Clasp2
Q9EP69	Sacm1l	1.007604728	0.010929796	0.973584265	0.011626454	Phosphatidylinositide phosphatase SAC1 OS=Mus musculus GN=Sacm1l PE=2 SV=1
P37040	Por	0.99757738	-0.003499342	0.974325096	0.011296111	NADPH--cytochrome P450 reductase OS=Mus musculus GN=Por PE=1 SV=2
Q9CXU9	Eif1b	1.004046896	0.005826655	0.974344488	0.011287467	Eukaryotic translation initiation factor 1b OS=Mus musculus GN=Eif1b PE=2 SV=2
P61971	Nutf2	1.001899283	0.002737488	0.974632489	0.011159116	Nuclear transport factor 2 OS=Mus musculus GN=Nutf2 PE=2 SV=1
Q61990-3	Pcbp2	0.998925178	-0.001551474	0.975134144	0.010935637	Isoform 3 of Poly(rC)-binding protein 2 OS=Mus musculus GN=Pcbp2
P58391	Kcnn3	0.99571313	-0.00619794	0.975144426	0.010931057	Small conductance calcium-activated potassium channel protein 3 OS=Mus musculus GN=Kcnn3 PE=1 SV=2
Q62159	Rhoc	1.003358816	0.004837628	0.97582763	0.010626889	Rho-related GTP-binding protein RhoC OS=Mus musculus GN=Rhoc PE=1 SV=2
Q8CGA0	Ppm1f	0.994464819	-0.008007762	0.976134859	0.010490178	Protein phosphatase 1F OS=Mus musculus GN=Ppm1f PE=2 SV=1
Q61701	Elavl4	0.997897263	-0.003036803	0.976259776	0.010434604	ELAV-like protein 4 OS=Mus musculus GN=Elavl4 PE=1 SV=1
Q9CPT3	Nanp	0.99490373	-0.007371162	0.976463804	0.010343851	N-acylneuraminate-9-phosphatase OS=Mus musculus GN=Nanp PE=1 SV=1
Q9CZT8	Rab3b	1.003089077	0.004449727	0.976832561	0.010179872	Ras-related protein Rab-3B OS=Mus musculus GN=Rab3b PE=1 SV=1
P62717	Rpl18a	1.002115741	0.003049145	0.976913986	0.010143673	60S ribosomal protein L18a OS=Mus musculus GN=Rpl18a PE=1 SV=1
Q9CZY3-2	Ube2v1	1.001102952	0.001590346	0.976963426	0.010121694	Isoform 2 of Ubiquitin-conjugating enzyme E2 variant 1 OS=Mus musculus GN=Ube2v1
Q7TPM6	Fsd1	0.995878552	-0.005958279	0.977037206	0.010088898	Fibronectin type III and SPRY domain-containing protein 1 OS=Mus musculus GN=Fsd1 PE=2 SV=1
Q3UH66-3	Wnk2	0.993470254	-0.009451323	0.977087471	0.010066555	Isoform 3 of Serine/threonine-protein kinase WNK2 OS=Mus musculus GN=Wnk2
P53702	Hccs	1.006130208	0.008817023	0.977222964	0.010006336	Cytochrome c-type heme lyase OS=Mus musculus GN=Hccs PE=1 SV=2
Q9DD03	Rab13	0.996359071	-0.005262336	0.977284127	0.009979155	Ras-related protein Rab-13 OS=Mus musculus GN=Rab13 PE=1 SV=1
O35066	Kif3c	1.005145469	0.00740431	0.97752172	0.009873584	Kinesin-like protein KIF3C OS=Mus musculus GN=Kif3c PE=1 SV=3
O70435	Psma3	0.998978302	-0.001474752	0.9775513	0.009860442	Proteasome subunit alpha type-3 OS=Mus musculus GN=Psma3 PE=1 SV=3
Q8VEH5	Epm2aip1	0.996343335	-0.005285122	0.977633169	0.009824072	EPM2A-interacting protein 1 OS=Mus musculus GN=Epm2aip1 PE=2 SV=1
O88737-2	Bsn	0.998619209	-0.001993438	0.977641037	0.009820577	Isoform 2 of Protein bassoon OS=Mus musculus GN=Bsn
Q3UEB3-3	Puf60	1.00089326	0.001288127	0.977729098	0.00978146	Isoform 3 of Poly(U)-binding-splicing factor PUF60 OS=Mus musculus GN=Puf60
Q9CQF9	Pcyox1	1.001570086	0.002263379	0.978006959	0.009658055	Prenylcysteine oxidase OS=Mus musculus GN=Pcyox1 PE=1 SV=1
P58281	Opa1	0.999446176	-0.00079922	0.978029781	0.009647921	Dynamin-like 120 kDa protein, mitochondrial OS=Mus musculus GN=Opa1 PE=1 SV=1
Q06185	Atp5i	0.998223064	-0.002565856	0.97806097	0.009634072	ATP synthase subunit e, mitochondrial OS=Mus musculus GN=Atp5i PE=1 SV=2
Q9Z140	Cpne6	1.001862064	0.002683893	0.978263617	0.009544098	Copine-6 OS=Mus musculus GN=Cpne6 PE=2 SV=1
Q61016	Gng7	1.007454224	0.010714288	0.978508164	0.009435547	Guanine nucleotide-binding protein G(I)/G(S)/G(O) subunit gamma-7 OS=Mus musculus GN=Gng7 PE=2 SV=2
P16014	Chgb	1.002924748	0.004213361	0.979028477	0.009204676	Secretogranin-1 OS=Mus musculus GN=Chgb PE=1 SV=2
Q9R1K9	Cetn2	0.995415732	-0.006628906	0.979956347	0.00879327	Centrin-2 OS=Mus musculus GN=Cetn2 PE=2 SV=1
P63037	Dnaja1	1.001263099	0.001821116	0.979961062	0.008791181	DnaJ homolog subfamily A member 1 OS=Mus musculus GN=Dnaja1 PE=1 SV=1
Q61699	Hsph1	1.000954674	0.001376647	0.980035094	0.008758372	Heat shock protein 105 kDa OS=Mus musculus GN=Hsph1 PE=1 SV=2
P60843	Eif4a1	0.997676067	-0.003356629	0.980085905	0.008735856	Eukaryotic initiation factor 4A-I OS=Mus musculus GN=Eif4a1 PE=1 SV=1
P63094	Gnas	0.997914816	-0.003011425	0.980213677	0.008679242	Guanine nucleotide-binding protein G(s) subunit alpha isoforms short OS=Mus musculus GN=Gnas PE=1 SV=1
Q9D1T0	Lingo1	1.00283373	0.004082427	0.980318622	0.008632748	Leucine-rich repeat and immunoglobulin-like domain-containing nogo receptor-interacting protein 1 OS=Mus musculus GN=Lingo1 PE=1 SV=1
Q8VCD6	Reep2	0.994131689	-0.008491122	0.980496977	0.008553741	Receptor expression-enhancing protein 2 OS=Mus musculus GN=Reep2 PE=2 SV=2
P51150	Rab7a	1.000920451	0.001327319	0.981271597	0.008210772	Ras-related protein Rab-7a OS=Mus musculus GN=Rab7a PE=1 SV=2
O88543	Cops3	0.9986353	-0.001970191	0.981863732	0.007948782	COP9 signalosome complex subunit 3 OS=Mus musculus GN=Cops3 PE=1 SV=3
Q64152	Btf3	1.001931294	0.002783581	0.982200553	0.007799826	Transcription factor BTF3 OS=Mus musculus GN=Btf3 PE=1 SV=3
Q62443	Nptx1	1.001420735	0.002048232	0.982667452	0.007593428	Neuronal pentraxin-1 OS=Mus musculus GN=Nptx1 PE=2 SV=1
P67778	Phb	1.000474473	0.000684357	0.982691526	0.007582789	Prohibitin OS=Mus musculus GN=Phb PE=1 SV=1
P62270	Rps18	1.002381812	0.003432142	0.982734457	0.007563816	40S ribosomal protein S18 OS=Mus musculus GN=Rps18 PE=1 SV=3
P15508	Sptb	0.997715159	-0.0033001	0.982806692	0.007531895	Spectrin beta chain, erythrocytic OS=Mus musculus GN=Sptb PE=1 SV=4
Q9WV18-2	Gabbr1	1.002020334	0.002911785	0.983244695	0.007338388	Isoform 1B of Gamma-aminobutyric acid type B receptor subunit 1 OS=Mus musculus GN=Gabbr1
Q3U2P1	Sec24a	0.997018021	-0.004308513	0.98333826	0.007297063	Protein transport protein Sec24A OS=Mus musculus GN=Sec24a PE=1 SV=1
Q505F5	Lrrc47	1.001058172	0.001525813	0.98341925	0.007261295	Leucine-rich repeat-containing protein 47 OS=Mus musculus GN=Lrrc47 PE=2 SV=1
O70378	Emc8	1.00179861	0.002592516	0.98379516	0.007095319	ER membrane protein complex subunit 8 OS=Mus musculus GN=Emc8 PE=1 SV=1
Q9DBG6	Rpn2	0.999081577	-0.001325613	0.984121997	0.006951061	Dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit 2 OS=Mus musculus GN=Rpn2 PE=2 SV=1
P60853	Lzts1	0.997951802	-0.002957956	0.984201688	0.006915895	Leucine zipper putative tumor suppressor 1 OS=Mus musculus GN=Lzts1 PE=2 SV=3
Q9QWY8	Asap1	0.998174781	-0.00263564	0.984448628	0.006806942	Arf-GAP with SH3 domain, ANK repeat and PH domain-containing protein 1 OS=Mus musculus GN=Asap1 PE=1 SV=2
O35639	Anxa3	0.997576621	-0.00350044	0.984546877	0.006763601	Annexin A3 OS=Mus musculus GN=Anxa3 PE=1 SV=4
Q8K212	Pacs1	0.999340938	-0.000951139	0.984611302	0.006735183	Phosphofurin acidic cluster sorting protein 1 OS=Mus musculus GN=Pacs1 PE=2 SV=2
Q60790	Rasa3	0.997733754	-0.003273212	0.984824325	0.006641233	Ras GTPase-activating protein 3 OS=Mus musculus GN=Rasa3 PE=1 SV=2
Q8C7K6	Pcyox1l	1.002331011	0.003359025	0.984924284	0.006597154	Prenylcysteine oxidase-like OS=Mus musculus GN=Pcyox1l PE=2 SV=1
O08583-2	Alyref	0.998876487	-0.001621798	0.985094797	0.006521975	Isoform 2 of THO complex subunit 4 OS=Mus musculus GN=Alyref
Q9CQI7	Snrpb2	0.998003746	-0.002882864	0.985763365	0.006227326	U2 small nuclear ribonucleoprotein B'' OS=Mus musculus GN=Snrpb2 PE=1 SV=1
Q922D4-4	Ppp6r3	1.001858204	0.002678334	0.98592375	0.006156671	Isoform 4 of Serine/threonine-protein phosphatase 6 regulatory subunit 3 OS=Mus musculus GN=Ppp6r3
Q9QZS3-3	Numb	0.997064877	-0.004240714	0.98624661	0.006014477	Isoform 3 of Protein numb homolog OS=Mus musculus GN=Numb
Q9CR21	Ndufab1	0.998985317	-0.001464622	0.986250317	0.006012844	Acyl carrier protein, mitochondrial OS=Mus musculus GN=Ndufab1 PE=1 SV=1
Q8BNW9	Kbtbd11	1.001801273	0.00259635	0.986394124	0.005949523	Kelch repeat and BTB domain-containing protein 11 OS=Mus musculus GN=Kbtbd11 PE=1 SV=3
Q6NVF0	Ocrl	1.001253192	0.001806842	0.987004029	0.005681075	Inositol polyphosphate 5-phosphatase OCRL-1 OS=Mus musculus GN=Ocrl PE=1 SV=1

Vehicle Group Proteins

Accession	Gene	Fold Change (KO vs. WT)	Log2 Fold Change	Students T Test	-Log10 T Test	Description
P67984	Rpl22	1.000954699	0.001376682	0.987029115	0.005670037	60S ribosomal protein L22 OS=Mus musculus GN=Rpl22 PE=1 SV=2
P63017	Hspa8	0.99894973	-0.001516015	0.987249509	0.005573074	Heat shock cognate 71 kDa protein OS=Mus musculus GN=Hspa8 PE=1 SV=1
Q9JIS5	Sv2a	0.998122104	-0.002711778	0.987549907	0.005440948	Synaptic vesicle glycoprotein 2A OS=Mus musculus GN=Sv2a PE=1 SV=1
Q99KQ4	Nampt	1.000959719	0.001383917	0.987697254	0.005376154	Nicotinamide phosphoribosyltransferase OS=Mus musculus GN=Nampt PE=1 SV=1
Q9WUM4	Coro1c	1.000779459	0.001124084	0.987818504	0.005322843	Coronin-1C OS=Mus musculus GN=Coro1c PE=1 SV=2
Q9WUR9	Ak4	0.997178402	-0.004076459	0.987845501	0.005310974	Adenylate kinase 4, mitochondrial OS=Mus musculus GN=Ak4 PE=1 SV=1
P13595-4	Ncam1	0.999345232	-0.00094494	0.988023974	0.005232517	Isoform 4 of Neural cell adhesion molecule 1 OS=Mus musculus GN=Ncam1
P11531	Dmd	1.003197761	0.004606033	0.988286346	0.005117205	Dystrophin OS=Mus musculus GN=Dmd PE=1 SV=3
Q6PFE7-3	Tmeff1	0.996878441	-0.004510501	0.988408199	0.005063661	Isoform 3 of Tomoregulin-1 OS=Mus musculus GN=Tmeff1
P47757-4	Capzb	0.998736408	-0.001824131	0.988494203	0.005025873	Isoform 3 of F-actin-capping protein subunit beta OS=Mus musculus GN=Capzb
P24668	M6pr	1.001149225	0.001657029	0.988560197	0.00499688	Cation-dependent mannose-6-phosphate receptor OS=Mus musculus GN=M6pr PE=1 SV=1
O54950	Prkag1	1.001265549	0.001824647	0.988886157	0.004853703	5'-AMP-activated protein kinase subunit gamma-1 OS=Mus musculus GN=Prkag1 PE=1 SV=2
P83882	Rpl36a	1.001898126	0.002735821	0.989008587	0.004799938	60S ribosomal protein L36a OS=Mus musculus GN=Rpl36a PE=1 SV=2
Q8CDG3-2	Vcpip1	1.001034994	0.001492409	0.989043891	0.004784435	Isoform 2 of Deubiquitinating protein VCIP135 OS=Mus musculus GN=Vcpip1
P63080	Gabrb3	1.001894021	0.00272991	0.98941445	0.004621751	Gamma-aminobutyric acid receptor subunit beta-3 OS=Mus musculus GN=Gabrb3 PE=2 SV=1
Q8R050	Gspt1	0.999603491	-0.000572155	0.990406079	0.004186702	Eukaryotic peptide chain release factor GTP-binding subunit ERF3A OS=Mus musculus GN=Gspt1 PE=1 SV=2
Q3ZK22-4	Vezt	1.003933465	0.005663659	0.990482518	0.004153185	Isoform 4 of Vezatin OS=Mus musculus GN=Vezt
Q6PAJ1	Bcr	0.997461267	-0.003667275	0.990499223	0.004145861	Breakpoint cluster region protein OS=Mus musculus GN=Bcr PE=1 SV=3
Q9DAU1	Cnpy3	0.998928547	-0.001546609	0.990720783	0.004048726	Protein canopy homolog 3 OS=Mus musculus GN=Cnpy3 PE=1 SV=1
Q3UTH8-3	Arhgef9	1.001626204	0.002344211	0.991054003	0.00390268	Isoform 3 of Rho guanine nucleotide exchange factor 9 OS=Mus musculus GN=Arhgef9
Q9JHR7	Ide	1.001162449	0.001676085	0.991064759	0.003897966	Insulin-degrading enzyme OS=Mus musculus GN=Ide PE=1 SV=1
Q9JM76	Arpc3	1.000634455	0.000915034	0.991439471	0.003733795	Actin-related protein 2/3 complex subunit 3 OS=Mus musculus GN=Arpc3 PE=1 SV=3
P27546-3	Map4	0.999626897	-0.000538375	0.991523347	0.003697055	Isoform 3 of Microtubule-associated protein 4 OS=Mus musculus GN=Map4
Q6PCP5	Mff	0.99817811	-0.002630829	0.991624301	0.003652839	Mitochondrial fission factor OS=Mus musculus GN=Mff PE=1 SV=1
Q9CQA6	Chchd1	1.001691878	0.002438801	0.991775283	0.00358672	Coiled-coil-helix-coiled-coil-helix domain-containing protein 1 OS=Mus musculus GN=Chchd1 PE=3 SV=1
P48453	Ppp3cb	1.000945419	0.001363307	0.991788097	0.003581108	Serine/threonine-protein phosphatase 2B catalytic subunit beta isoform OS=Mus musculus GN=Ppp3cb PE=1 SV=2
P54763	Ephb2	1.000994889	0.001434609	0.992177375	0.003410681	Ephrin type-B receptor 2 OS=Mus musculus GN=Ephb2 PE=1 SV=2
Q5EBJ4	Ermn	0.997309443	-0.003886885	0.992400109	0.003313197	Ermin OS=Mus musculus GN=Ermn PE=1 SV=1
Q9CZM2	Rpl15	1.000424928	0.000612911	0.992624923	0.003214825	60S ribosomal protein L15 OS=Mus musculus GN=Rpl15 PE=2 SV=4
Q68FL6	Mars	0.999248402	-0.001084735	0.992807694	0.003134866	Methionine--tRNA ligase, cytoplasmic OS=Mus musculus GN=Mars PE=2 SV=1
P29758	Oat	1.001223132	0.001763528	0.992906238	0.003091761	Ornithine aminotransferase, mitochondrial OS=Mus musculus GN=Oat PE=1 SV=1
Q9CRA5	Golph3	1.000425545	0.000613801	0.992950852	0.003072247	Golgi phosphoprotein 3 OS=Mus musculus GN=Golph3 PE=1 SV=1
P56380	Nudt2	1.000547079	0.000789053	0.993352257	0.002896717	Bis(5'-nucleosyl)-tetraphosphatase [asymmetrical] OS=Mus musculus GN=Nudt2 PE=1 SV=3
Q8BFQ8	Pddc1	0.999684056	-0.000455883	0.993428187	0.002863522	Parkinson disease 7 domain-containing protein 1 OS=Mus musculus GN=Pddc1 PE=1 SV=1
Q5XG69	Fam169a	0.998503171	-0.002161086	0.993520934	0.002822977	Soluble lamin-associated protein of 75 kDa OS=Mus musculus GN=Fam169a PE=1 SV=3
Q9CZS1	Aldh1b1	0.99978182	-0.000314802	0.99425898	0.002500478	Aldehyde dehydrogenase X, mitochondrial OS=Mus musculus GN=Aldh1b1 PE=1 SV=1
Q8R3H9	Ttc4	1.000621046	0.000895703	0.994282446	0.002490228	Tetratricopeptide repeat protein 4 OS=Mus musculus GN=Ttc4 PE=2 SV=1
Q6P5E4	Uggt1	0.999755694	-0.000352503	0.994354202	0.002458887	UDP-glucose:glycoprotein glucosyltransferase 1 OS=Mus musculus GN=Uggt1 PE=1 SV=4
P62830	Rpl23	1.000452933	0.000653296	0.994473987	0.002406572	60S ribosomal protein L23 OS=Mus musculus GN=Rpl23 PE=1 SV=1
A2AN08-2	Ubr4	1.000530856	0.000765659	0.99451511	0.002388614	Isoform 2 of E3 ubiquitin-protein ligase UBR4 OS=Mus musculus GN=Ubr4
Q80TS3-4	Lphn3	0.999544962	-0.00065663	0.994537983	0.002378626	Isoform 4 of Latrophilin-3 OS=Mus musculus GN=Lphn3
Q9ESZ8-2	Gtf2i	1.000940616	0.001356384	0.995024591	0.002166186	Isoform 2 of General transcription factor II-I OS=Mus musculus GN=Gtf2i
Q9JKR6	Hyou1	0.999674772	-0.000469281	0.995139559	0.002116009	Hypoxia up-regulated protein 1 OS=Mus musculus GN=Hyou1 PE=1 SV=1
Q9DC51	Gnai3	0.999507438	-0.000710792	0.995170225	0.002102626	Guanine nucleotide-binding protein G(k) subunit alpha OS=Mus musculus GN=Gnai3 PE=1 SV=3
Q8VD37-2	Sgip1	1.000279267	0.00040284	0.995448763	0.001981089	Isoform 2 of SH3-containing GRB2-like protein 3-interacting protein 1 OS=Mus musculus GN=Sgip1
Q8K2C9	ptplad1	0.999392822	-0.000876238	0.99568135	0.001879628	Very-long-chain (3R)-3-hydroxyacyl-[acyl-carrier protein] dehydratase 3 OS=Mus musculus GN=ptplad1 PE=1 SV=2
P62855	Rps26	1.000319437	0.000460776	0.995761362	0.001844729	40S ribosomal protein S26 OS=Mus musculus GN=Rps26 PE=2 SV=3
P02104	Hbb-y	0.999112129	-0.001281497	0.995782886	0.001835342	Hemoglobin subunit epsilon-Y2 OS=Mus musculus GN=Hbb-y PE=1 SV=2
Q3UFY7-4	Nt5c3b	1.001020551	0.001471593	0.995909001	0.001780343	Isoform 4 of 7-methylguanosine phosphate-specific 5'-nucleotidase OS=Mus musculus GN=Nt5c3b
Q640R3	Hepacam	1.000182018	0.000262573	0.9959814	0.001748772	Hepatocyte cell adhesion molecule OS=Mus musculus GN=Hepacam PE=1 SV=2
Q9DD18-2	Dtd1	0.999559765	-0.000635264	0.996137309	0.001680794	Isoform 2 of D-tyrosyl-tRNA(Tyr) deacylase 1 OS=Mus musculus GN=Dtd1
P70698	Ctps1	1.000515627	0.000743701	0.996234498	0.001638423	CTP synthase 1 OS=Mus musculus GN=Ctps1 PE=1 SV=2
Q922D4	Ppp6r3	0.999597994	-0.000580088	0.996837125	0.001375796	Serine/threonine-protein phosphatase 6 regulatory subunit 3 OS=Mus musculus GN=Ppp6r3 PE=1 SV=1
O08586	Pten	1.000264398	0.000381396	0.99689487	0.001350639	Phosphatidylinositol 3,4,5-trisphosphate 3-phosphatase and dual-specificity protein phosphatase PTEN OS=Mus musculus GN=Pten PE=1 SV=1
Q91XU3	Pip4k2c	0.999592004	-0.000588734	0.997176596	0.001227923	Phosphatidylinositol 5-phosphate 4-kinase type-2 gamma OS=Mus musculus GN=Pip4k2c PE=2 SV=1
Q6P9K9-2	Nrxn3	1.000235208	0.000339294	0.997324147	0.001163666	Isoform 2a of Neurexin-3 OS=Mus musculus GN=Nrxn3
Q99KP6-3	Prpf19	0.999346732	-0.000942774	0.997481622	0.001095097	Isoform 3 of Pre-mRNA-processing factor 19 OS=Mus musculus GN=Prpf19
O35127	Grcc10	0.999870648	-0.000186628	0.997619857	0.001034915	Protein C10 OS=Mus musculus GN=Grcc10 PE=2 SV=1
Q99N89	Mrpl43	0.999403725	-0.0008605	0.997731842	0.000986167	39S ribosomal protein L43, mitochondrial OS=Mus musculus GN=Mrpl43 PE=2 SV=1
Q64516-2	Gk	1.00011537	0.000166434	0.997769536	0.00096976	Isoform 2 of Glycerol kinase OS=Mus musculus GN=Gk
P57774	Npy	1.00019057	0.000274908	0.997886842	0.000918704	Pro-neuropeptide Y OS=Mus musculus GN=Npy PE=1 SV=2
Q9JJV2-2	Pfn2	1.000111479	0.000160821	0.998144537	0.000806566	Isoform 2 of Profilin-2 OS=Mus musculus GN=Pfn2
O89001	Cpd	1.000109092	0.000157378	0.998258405	0.000757025	Carboxypeptidase D OS=Mus musculus GN=Cpd PE=1 SV=2
P70677	Casp3	1.000219258	0.000316288	0.999135646	0.000375547	Caspase-3 OS=Mus musculus GN=Casp3 PE=1 SV=1
A2ALS5-3	Rap1gap	0.999952482	-6.85553E-05	0.999163736	0.000363337	Isoform 3 of Rap1 GTPase-activating protein 1 OS=Mus musculus GN=Rap1gap
Q6QWF9	Camk2n1	1.000188608	0.000272078	0.999293292	0.000307028	Calcium/calmodulin-dependent protein kinase II inhibitor 1 OS=Mus musculus GN=Camk2n1 PE=1 SV=1
Q8R307	Vps18	1.000098324	0.000141844	0.999348373	0.00028309	Vacuolar protein sorting-associated protein 18 homolog OS=Mus musculus GN=Vps18 PE=1 SV=2
Q6PH08-2	Erc2	1.000003117	4.49753E-06	0.999893393	4.63014E-05	Isoform 2 of ERC protein 2 OS=Mus musculus GN=Erc2

Accession	Gene	Fold Change (KO vs. WT)	Log2 Fold Change	Students T Test	-Log10 T Test	Description
P35922-11	Fmr1	0.149282217	-2.743885774	1.7217E-07	6.76404237	Isoform ISO11 of Fragile X mental retardation protein 1 homolog OS=Mus musculus GN=Fmr1
Q80TJ1-2	Cadps	1.104336426	0.143179743	1.05672E-06	5.97603835	Isoform 2 of Calcium-dependent secretion activator 1 OS=Mus musculus GN=Cadps
Q80TJ1	Cadps	1.102122491	0.140284575	1.68706E-06	5.772870728	Calcium-dependent secretion activator 1 OS=Mus musculus GN=Cadps PE=1 SV=3
P29699	Ahsg	0.480985665	-1.055934198	9.05455E-06	5.04313321	Alpha-2-HS-glycoprotein OS=Mus musculus GN=Ahsg PE=1 SV=1
P17182	Eno1	1.123247698	0.167676105	1.49381E-05	4.825704869	Alpha-enolase OS=Mus musculus GN=Eno1 PE=1 SV=3
Q02257	Jup	1.151947708	0.204075228	1.55525E-05	4.808200421	Junction plakoglobin OS=Mus musculus GN=Jup PE=1 SV=3
Q07076	Anxa7	1.157493064	0.211003549	1.93732E-05	4.712799451	Annexin A7 OS=Mus musculus GN=Anxa7 PE=2 SV=2
Q9DB77	Uqcrc2	1.148834772	0.200171321	2.01231E-05	4.696305368	Cytochrome b-c1 complex subunit 2, mitochondrial OS=Mus musculus GN=Uqcrc2 PE=1 SV=1
Q9D1X0	Nol3	1.338713001	0.420846702	3.96592E-05	4.40165558	Nucleolar protein 3 OS=Mus musculus GN=Nol3 PE=1 SV=1
P99029	Prdx5	1.15940039	0.213378876	4.5746E-05	4.339646748	Peroxiredoxin-5, mitochondrial OS=Mus musculus GN=Prdx5 PE=1 SV=2
Q62420	Sh3gl2	1.166109205	0.221702902	5.23795E-05	4.280838628	Endophilin-A1 OS=Mus musculus GN=Sh3gl2 PE=1 SV=2
P01942	Hba	1.4640377	0.549952705	5.65789E-05	4.247345629	Hemoglobin subunit alpha OS=Mus musculus GN=Hba PE=1 SV=2
Q9DC70	Ndufs7	1.173543204	0.230870956	5.77541E-05	4.238417056	NADH dehydrogenase [ubiquinone] iron-sulfur protein 7, mitochondrial OS=Mus musculus GN=Ndufs7 PE=1 SV=1
Q9D172	D10Jhu81e	1.259618778	0.33298717	6.49982E-05	4.187098736	ES1 protein homolog, mitochondrial OS=Mus musculus GN=D10Jhu81e PE=1 SV=1
P21550	Eno3	1.17857386	0.237042174	6.72177E-05	4.172516048	Beta-enolase OS=Mus musculus GN=Eno3 PE=1 SV=3
P06467	Hbz	1.461625147	0.54757336	6.75998E-05	4.170054334	Hemoglobin subunit zeta OS=Mus musculus GN=Hbz PE=2 SV=2
Q8JZP2	Syn3	1.435757915	0.521812514	6.82529E-05	4.165878813	Synapsin-3 OS=Mus musculus GN=Syn3 PE=1 SV=2
P17751	Tpi1	1.175768124	0.233603571	7.40148E-05	4.130681174	Triosephosphate isomerase OS=Mus musculus GN=Tpi1 PE=1 SV=4
Q9CZS1	Aldh1b1	0.928909564	-0.106389949	9.75251E-05	4.010883429	Aldehyde dehydrogenase X, mitochondrial OS=Mus musculus GN=Aldh1b1 PE=1 SV=1
P17183	Eno2	1.249042671	0.320822764	0.00013482	3.870246159	Gamma-enolase OS=Mus musculus GN=Eno2 PE=1 SV=2
P42209	Sept1	1.186984336	0.247300897	0.000137032	3.863178337	Septin-1 OS=Mus musculus GN=Sept1 PE=2 SV=2
Q9CZ13	Uqcrc1	1.10782205	0.147726159	0.000138756	3.857747165	Cytochrome b-c1 complex subunit 1, mitochondrial OS=Mus musculus GN=Uqcrc1 PE=1 SV=2
P28663	Napb	1.068440246	0.095506226	0.000165765	3.780506708	Beta-soluble NSF attachment protein OS=Mus musculus GN=Napb PE=1 SV=2
P00920	Ca2	1.341350647	0.423686426	0.000193103	3.714210435	Carbonic anhydrase 2 OS=Mus musculus GN=Ca2 PE=1 SV=4
Q3UHJ0	Aak1	1.143897242	0.193957458	0.00019345	3.713431015	AP2-associated protein kinase 1 OS=Mus musculus GN=Aak1 PE=1 SV=2
Q8BH44	Coro2b	1.172986636	0.230186576	0.000199482	3.700095273	Coronin-2B OS=Mus musculus GN=Coro2b PE=2 SV=2
Q01768	Nme2	0.761491075	-0.393100967	0.000208315	3.681280221	Nucleoside diphosphate kinase B OS=Mus musculus GN=Nme2 PE=1 SV=1
Q9CQR4	Acot13	1.335754045	0.417654386	0.00021324	3.671131588	Acyl-coenzyme A thioesterase 13 OS=Mus musculus GN=Acot13 PE=1 SV=1
Q9D0F9	Pgm1	1.10336362	0.141908318	0.000223192	3.651320777	Phosphoglucomutase-1 OS=Mus musculus GN=Pgm1 PE=1 SV=4
Q99M71	Epdr1	1.355858197	0.439206302	0.000225228	3.647377589	Mammalian ependymin-related protein 1 OS=Mus musculus GN=Epdr1 PE=2 SV=1
Q9D8Y0	Efhd2	1.381824343	0.466574233	0.000236469	3.626226216	EF-hand domain-containing protein D2 OS=Mus musculus GN=Efhd2 PE=1 SV=1
P97807	Fh	1.124330969	0.169066783	0.000241764	3.616607689	Fumarate hydratase, mitochondrial OS=Mus musculus GN=Fh PE=1 SV=3
Q9CXZ1	Ndufs4	1.174907677	0.232547396	0.000244112	3.612411729	NADH dehydrogenase [ubiquinone] iron-sulfur protein 4, mitochondrial OS=Mus musculus GN=Ndufs4 PE=1 SV=3
P19536	Cox5b	1.159040147	0.21293054	0.000246542	3.608109892	Cytochrome c oxidase subunit 5B, mitochondrial OS=Mus musculus GN=Cox5b PE=1 SV=1
Q9EPE9	Atp13a1	0.794054251	-0.332690517	0.000268806	3.570560597	Probable cation-transporting ATPase 13A1 OS=Mus musculus GN=Atp13a1 PE=2 SV=2
P05201	Got1	1.170729624	0.227407929	0.000318024	3.497539977	Aspartate aminotransferase, cytoplasmic OS=Mus musculus GN=Got1 PE=1 SV=3
P32848	Pvalb	1.44437046	0.53044082	0.000324134	3.489274873	Parvalbumin alpha OS=Mus musculus GN=Pvalb PE=1 SV=3
Q80TZ3-3	Dnajc6	1.11112161	0.152016725	0.000327877	3.484288469	Isoform 3 of Putative tyrosine-protein phosphatase auxilin OS=Mus musculus GN=Dnajc6
Q9D2G2-2	Dlst	1.096228587	0.132548663	0.000339954	3.468579564	Isoform 2 of Dihydrolipoyllysine-residue succinyltransferase component of 2-oxoglutarate dehydrogenase complex, mitochondrial OS=Mus musculus GN=Dlst
Q9QUR6	Prep	0.848955861	-0.236238549	0.000363243	3.439803016	Prolyl endopeptidase OS=Mus musculus GN=Prep PE=2 SV=1
Q9WUM5	Suclg1	1.206265546	0.270547535	0.000374657	3.426365923	Succinyl-CoA ligase [ADP/GDP-forming] subunit alpha, mitochondrial OS=Mus musculus GN=Suclg1 PE=1 SV=4
Q8R050	Gspt1	0.908643884	-0.138213111	0.000392022	3.406689277	Eukaryotic peptide chain release factor GTP-binding subunit ERF3A OS=Mus musculus GN=Gspt1 PE=1 SV=2
P35969	Flt1	1.195078057	0.257104851	0.000399437	3.3985516	Vascular endothelial growth factor receptor 1 OS=Mus musculus GN=Flt1 PE=1 SV=1
P05202	Got2	1.197334334	0.259826055	0.000408344	3.388974156	Aspartate aminotransferase, mitochondrial OS=Mus musculus GN=Got2 PE=1 SV=1
O08599-2	Stxbp1	1.217102593	0.283450782	0.000420865	3.375857328	Isoform 2 of Syntaxin-binding protein 1 OS=Mus musculus GN=Stxbp1
O08599	Stxbp1	1.219005238	0.285704325	0.000423548	3.373097056	Syntaxin-binding protein 1 OS=Mus musculus GN=Stxbp1 PE=1 SV=2
Q9D2G2	Dlst	1.09185553	0.126781978	0.000439106	3.35743075	Dihydrolipoyllysine-residue succinyltransferase component of 2-oxoglutarate dehydrogenase complex, mitochondrial OS=Mus musculus GN=Dlst PE=1 SV=1
Q8BMF4	Dlat	1.14774708	0.198804762	0.000441968	3.354609014	Dihydrolipoyllysine-residue acetyltransferase component of pyruvate dehydrogenase complex, mitochondrial OS=Mus musculus GN=Dlat PE=1 SV=2
Q149F3	Gspt2	0.86175122	-0.214656658	0.000449586	3.347187303	Eukaryotic peptide chain release factor GTP-binding subunit ERF3B OS=Mus musculus GN=Gspt2 PE=1 SV=1
P28740-2	Kif2a	0.86040446	-0.216913092	0.000451202	3.345628795	Isoform 2 of Kinesin-like protein KIF2A OS=Mus musculus GN=Kif2a
Q91YP2	Nln	0.816320753	-0.292791959	0.000451589	3.345256594	Neurolysin, mitochondrial OS=Mus musculus GN=Nln PE=2 SV=1
Q9D0S9	Hint2	1.169508425	0.225902255	0.000454942	3.342044259	Histidine triad nucleotide-binding protein 2, mitochondrial OS=Mus musculus GN=Hint2 PE=1 SV=1
Q9CRY7	Gdpd1	1.116966355	0.15958573	0.000471801	3.326240723	Glycerophosphodiester phosphodiesterase domain-containing protein 1 OS=Mus musculus GN=Gdpd1 PE=2 SV=1
Q9JLZ3	Auh	1.344578724	0.427154226	0.000510395	3.292093168	Methylglutaconyl-CoA hydratase, mitochondrial OS=Mus musculus GN=Auh PE=1 SV=1
P11438	Lamp1	0.872312254	-0.197083438	0.000586651	3.231620197	Lysosome-associated membrane glycoprotein 1 OS=Mus musculus GN=Lamp1 PE=1 SV=2
Q9D1K2	Atp6v1f	1.222768633	0.290151449	0.000598055	3.223258736	V-type proton ATPase subunit F OS=Mus musculus GN=Atp6v1f PE=1 SV=2
Q91YM2	Arhgap35	0.826613221	-0.274715656	0.000599011	3.22256514	Rho GTPase-activating protein 35 OS=Mus musculus GN=Arhgap35 PE=1 SV=3
P28661-6	Sept4	1.183365944	0.242896282	0.000639647	3.194059544	Isoform 6 of Septin-4 OS=Mus musculus GN=Sept4
Q9CX56	Psmd8	0.915620929	-0.127177656	0.000666244	3.176366423	26S proteasome non-ATPase regulatory subunit 8 OS=Mus musculus GN=Psmd8 PE=1 SV=2
P52760	Hrsp12	1.387894821	0.47289824	0.000689746	3.161310547	Ribonuclease UK114 OS=Mus musculus GN=Hrsp12 PE=1 SV=3
P70278	Stra8	0.56396814	-0.826314432	0.000689978	3.161164505	Stimulated by retinoic acid gene 8 protein OS=Mus musculus GN=Stra8 PE=1 SV=1
Q9WTP7	Ak3	1.110188771	0.150805006	0.000698397	3.15589776	GTP:AMP phosphotransferase AK3, mitochondrial OS=Mus musculus GN=Ak3 PE=1 SV=3
Q9Z2I0	Letm1	1.099340102	0.136637781	0.000716582	3.144733833	LETM1 and EF-hand domain-containing protein 1, mitochondrial OS=Mus musculus GN=Letm1 PE=2 SV=1
Q62188	Dpysl3	0.809603686	-0.304712237	0.000723181	3.140752887	Dihydropyrimidinase-related protein 3 OS=Mus musculus GN=Dpysl3 PE=1 SV=1
Q8VHL1	Setd7	1.13082078	0.1773703	0.000735851	3.13320988	Histone-lysine N-methyltransferase SETD7 OS=Mus musculus GN=Setd7 PE=2 SV=2
Q9QXL1	Kif21b	0.794953482	-0.331057655	0.000804419	3.094517752	Kinesin-like protein KIF21B OS=Mus musculus GN=Kif21b PE=1 SV=2
Q9D6R2-2	Idh3a	1.125792747	0.170941259	0.00081694	3.087809848	Isoform 2 of Isocitrate dehydrogenase [NAD] subunit alpha, mitochondrial OS=Mus musculus GN=Idh3a
Q8R2U4	Ntmt1	0.832692661	-0.264143987	0.000872658	3.059155889	N-terminal Xaa-Pro-Lys N-methyltransferase 1 OS=Mus musculus GN=Ntmt1 PE=2 SV=3
P09671	Sod2	1.176299295	0.234255183	0.000896759	3.047324159	Superoxide dismutase [Mn], mitochondrial OS=Mus musculus GN=Sod2 PE=1 SV=3
Q9D4J1	Efhd1	1.379616766	0.464267566	0.000939788	3.02696993	EF-hand domain-containing protein D1 OS=Mus musculus GN=Efhd1 PE=2 SV=1
P80315	Cct4	0.907783149	-0.139580386	0.000953762	3.020560134	T-complex protein 1 subunit delta OS=Mus musculus GN=Cct4 PE=1 SV=3
Q8BIJ6	Iars2	1.187471849	0.247893312	0.000954656	3.02015291	Isoleucine--tRNA ligase, mitochondrial OS=Mus musculus GN=Iars2 PE=1 SV=1
P02089	Hbb-b2	1.414754158	0.500551378	0.000960075	3.017694759	Hemoglobin subunit beta-2 OS=Mus musculus GN=Hbb-b2 PE=1 SV=2
P51863	Atp6v0d1	1.133145705	0.180333381	0.000981817	3.007969632	V-type proton ATPase subunit d 1 OS=Mus musculus GN=Atp6v0d1 PE=1 SV=2
Q3U0V1	Khsrp	1.173115479	0.230345036	0.000985987	3.006128741	Far upstream element-binding protein 2 OS=Mus musculus GN=Khsrp PE=1 SV=2
O88809	Dcx	0.805740309	-0.311613164	0.001001147	2.999502081	Neuronal migration protein doublecortin OS=Mus musculus GN=Dcx PE=1 SV=1
Q9QYB8	Add2	1.189085173	0.249852058	0.001005498	2.99761875	Beta-adducin OS=Mus musculus GN=Add2 PE=1 SV=4
O35526	Stx1a	1.230289957	0.298998372	0.001048753	2.979326937	Syntaxin-1A OS=Mus musculus GN=Stx1a PE=1 SV=3
O55131	Sept7	1.192010855	0.253397374	0.001054533	2.976939919	Septin-7 OS=Mus musculus GN=Sept7 PE=1 SV=1
Q7TQD2	Tppp	1.386280979	0.4712197	0.001078219	2.967292898	Tubulin polymerization-promoting protein OS=Mus musculus GN=Tppp PE=1 SV=1
Q61205	Pafah1b3	0.498965527	-1.002987952	0.001106949	2.955872451	Platelet-activating factor acetylhydrolase IB subunit gamma OS=Mus musculus GN=Pafah1b3 PE=1 SV=1
P97493	Txn2	1.14823501	0.19941795	0.001109114	2.955023654	Thioredoxin, mitochondrial OS=Mus musculus GN=Txn2 PE=1 SV=1
Q6ZWV3	Rpl10	0.886691535	-0.173495792	0.001119256	2.951070637	60S ribosomal protein L10 OS=Mus musculus GN=Rpl10 PE=1 SV=3
O88643	Pak1	1.124484372	0.169263611	0.001144533	2.941371763	Serine/threonine-protein kinase PAK 1 OS=Mus musculus GN=Pak1 PE=1 SV=1
P17710-2	Hk1	1.134429196	0.181966568	0.001156063	2.937018462	Isoform HK1-SB of Hexokinase-1 OS=Mus musculus GN=Hk1
P42208	Sept2	1.090871907	0.125481706	0.001156642	2.936800875	Septin-2 OS=Mus musculus GN=Sept2 PE=1 SV=2
P17710-4	Hk1	1.131647569	0.178424727	0.001163715	2.93415355	Isoform HK1-SC of Hexokinase-1 OS=Mus musculus GN=Hk1
P05064	Aldoa	1.244265351	0.315294187	0.001178822	2.928551588	Fructose-bisphosphate aldolase A OS=Mus musculus GN=Aldoa PE=1 SV=2
P52196	Tst	1.201871586	0.265282759	0.001212565	2.916295035	Thiosulfate sulfurtransferase OS=Mus musculus GN=Tst PE=1 SV=3
Q8K183	Pdxk	1.204013765	0.267851886	0.001263894	2.898289303	Pyridoxal kinase OS=Mus musculus GN=Pdxk PE=1 SV=1
P39053-5	Dnm1	1.18332577	0.242847303	0.001275488	2.894323657	Isoform 5 of Dynamin-1 OS=Mus musculus GN=Dnm1
O54774	Ap3d1	1.085198687	0.117959208	0.001289174	2.88968858	AP-3 complex subunit delta-1 OS=Mus musculus GN=Ap3d1 PE=1 SV=1
P39053-6	Dnm1	1.183595288	0.243175858	0.001298721	2.88648397	Isoform 6 of Dynamin-1 OS=Mus musculus GN=Dnm1
Q9WU40	Lemd3	0.850494203	-0.233626693	0.001301155	2.885670972	Inner nuclear membrane protein Man1 OS=Mus musculus GN=Lemd3 PE=1 SV=2
Q68FD5	Cltc	1.1005122	0.138175139	0.00135428	2.868291503	Clathrin heavy chain 1 OS=Mus musculus GN=Cltc PE=1 SV=3
P02088	Hbb-b1	1.43915634	0.525223325	0.001364866	2.86491011	Hemoglobin subunit beta-1 OS=Mus musculus GN=Hbb-b1 PE=1 SV=2
P97461	Rps5	0.841575456	-0.248835466	0.001367234	2.8641571	40S ribosomal protein S5 OS=Mus musculus GN=Rps5 PE=1 SV=3
Q61595-11	Ktn1	0.832123756	-0.265129989	0.001431153	2.844313853	Isoform 11 of Kinectin OS=Mus musculus GN=Ktn1
O88844	Idh1	0.848418115	-0.237152669	0.001444349	2.840327922	Isocitrate dehydrogenase [NADP] cytoplasmic OS=Mus musculus GN=Idh1 PE=1 SV=2
Q60864	Stip1	1.072947049	0.10157888	0.001453262	2.837656209	Stress-induced-phosphoprotein 1 OS=Mus musculus GN=Stip1 PE=1 SV=1
Q61595-14	Ktn1	0.834656547	-0.260745429	0.001471403	2.832268322	Isoform 14 of Kinectin OS=Mus musculus GN=Ktn1
P39053-3	Dnm1	1.186877732	0.247171321	0.001482087	2.829126225	Isoform 3 of Dynamin-1 OS=Mus musculus GN=Dnm1
P97427	Crmp1	0.879110024	-0.18588436	0.001486172	2.827930813	Dihydropyrimidinase-related protein 1 OS=Mus musculus GN=Crmp1 PE=1 SV=1
Q9CR68	Uqcrfs1	1.14974305	0.201311477	0.001523936	2.817033409	Cytochrome b-c1 complex subunit Rieske, mitochondrial OS=Mus musculus GN=Uqcrfs1 PE=1 SV=1
Q8CGA0	Ppm1f	1.41680803	0.502644294	0.001540209	2.812420339	Protein phosphatase 1F OS=Mus musculus GN=Ppm1f PE=2 SV=1
Q9QYB8-3	Add2	1.226965454	0.29509463	0.001586259	2.799625801	Isoform 3 of Beta-adducin OS=Mus musculus GN=Add2
B7ZNG0	Kif7	0.775042072	-0.367653467	0.001596804	2.796748496	Kinesin-like protein KIF7 OS=Mus musculus GN=Kif7 PE=1 SV=1
P63054	Pcp4	1.202654011	0.266221656	0.001617649	2.791115815	Purkinje cell protein 4 OS=Mus musculus GN=Pcp4 PE=2 SV=2
P56480	Atp5b	1.1427315	0.192486463	0.001636866	2.785986871	ATP synthase subunit beta, mitochondrial OS=Mus musculus GN=Atp5b PE=1 SV=2
P28661-3	Sept4	1.188802692	0.249509289	0.001671066	2.777006479	Isoform 3 of Septin-4 OS=Mus musculus GN=Sept4
P51880	Fabp7	0.759360437	-0.397143258	0.001699587	2.769656647	Fatty acid-binding protein, brain OS=Mus musculus GN=Fabp7 PE=1 SV=2
Q9Z2I9	Sucla2	1.142725833	0.192479308	0.001701424	2.769187427	Succinyl-CoA ligase [ADP-forming] subunit beta, mitochondrial OS=Mus musculus GN=Sucla2 PE=1 SV=2
Q80SW1	Ahcyl1	1.1006426	0.138346074	0.001773947	2.75105948	Putative adenosylhomocysteinase 2 OS=Mus musculus GN=Ahcyl1 PE=1 SV=1
Q8BPN8	Dmxl2	1.103153042	0.141632953	0.001775569	2.750662386	DmX-like protein 2 OS=Mus musculus GN=Dmxl2 PE=1 SV=3
Q61166	Mapre1	0.850361388	-0.233852004	0.001788259	2.74756949	Microtubule-associated protein RP/EB family member 1 OS=Mus musculus GN=Mapre1 PE=1 SV=3
Q9JIA1	Lgi1	1.202101894	0.265559188	0.001788671	2.747469594	Leucine-rich glioma-inactivated protein 1 OS=Mus musculus GN=Lgi1 PE=1 SV=1
Q60930	Vdac2	1.20100452	0.264241581	0.001790971	2.746911527	Voltage-dependent anion-selective channel protein 2 OS=Mus musculus GN=Vdac2 PE=1 SV=2

Accession	Gene	Fold Change (KO vs. WT)	Log2 Fold Change	Students T Test	-Log10 T Test	Description
P63038	Hspd1	1.067775365	0.09460817	0.001815279	2.741056603	60 kDa heat shock protein, mitochondrial OS=Mus musculus GN=Hspd1 PE=1 SV=1
Q9QYJ3	Dnajb1	1.178757328	0.237266739	0.001818722	2.740233642	DnaJ homolog subfamily B member 1 OS=Mus musculus GN=Dnajb1 PE=2 SV=3
Q9Z2H2	Rgs6	1.231260257	0.300135743	0.001831945	2.73708746	Regulator of G-protein signaling 6 OS=Mus musculus GN=Rgs6 PE=1 SV=2
Q9Z315	Sart1	0.495938595	-1.011766593	0.001920286	2.716634002	U4/U6.U5 tri-snRNP-associated protein 1 OS=Mus musculus GN=Sart1 PE=2 SV=1
Q9D1J3	Sarnp	0.835252171	-0.259716267	0.001920363	2.716616773	SAP domain-containing ribonucleoprotein OS=Mus musculus GN=Sarnp PE=1 SV=3
Q60932	Vdac1	1.1793161	0.237950465	0.001959309	2.707897013	Voltage-dependent anion-selective channel protein 1 OS=Mus musculus GN=Vdac1 PE=1 SV=3
P86048	Rpl10l	0.882554182	-0.180243243	0.001982727	2.702737045	60S ribosomal protein L10-like OS=Mus musculus GN=Rpl10l PE=2 SV=1
Q9WTP6	Ak2	1.102670197	0.141001352	0.001990838	2.700964018	Adenylate kinase 2, mitochondrial OS=Mus musculus GN=Ak2 PE=1 SV=5
Q8K3J1	Ndufs8	1.132990236	0.180135428	0.002028676	2.692787246	NADH dehydrogenase [ubiquinone] iron-sulfur protein 8, mitochondrial OS=Mus musculus GN=Ndufs8 PE=1 SV=1
Q3UGR5-2	Hdhd2	1.126096794	0.171330839	0.002071947	2.683621314	Isoform 2 of Haloacid dehalogenase-like hydrolase domain-containing protein 2 OS=Mus musculus GN=Hdhd2
P62881	Gnb5	1.132083647	0.17898056	0.002076647	2.682637416	Guanine nucleotide-binding protein subunit beta-5 OS=Mus musculus GN=Gnb5 PE=1 SV=1
P63328-2	Ppp3ca	1.111556433	0.152581195	0.002078636	2.682221453	Isoform 2 of Serine/threonine-protein phosphatase 2B catalytic subunit alpha isoform OS=Mus musculus GN=Ppp3ca
P35123	Usp4	1.33661411	0.41858301	0.002095623	2.678686827	Ubiquitin carboxyl-terminal hydrolase 4 OS=Mus musculus GN=Usp4 PE=1 SV=3
Q8BH59	Slc25a12	1.180246956	0.239088762	0.002106719	2.676393473	Calcium-binding mitochondrial carrier protein Aralar1 OS=Mus musculus GN=Slc25a12 PE=1 SV=1
Q9CPP6	Ndufa5	1.138054018	0.186569037	0.002125708	2.67249637	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 5 OS=Mus musculus GN=Ndufa5 PE=1 SV=3
Q9CR26	Vta1	1.160742391	0.215047823	0.002166139	2.664313744	Vacuolar protein sorting-associated protein VTA1 homolog OS=Mus musculus GN=Vta1 PE=1 SV=1
P97315	Csrp1	1.212107936	0.277518174	0.002171582	2.663223678	Cysteine and glycine-rich protein 1 OS=Mus musculus GN=Csrp1 PE=1 SV=3
Q91W97	Hkdc1	1.183940535	0.243596621	0.002186729	2.660204942	Putative hexokinase HKDC1 OS=Mus musculus GN=Hkdc1 PE=2 SV=1
Q91Z69	Srgap1	0.847886663	-0.238056663	0.002201697	2.657242462	SLIT-ROBO Rho GTPase-activating protein 1 OS=Mus musculus GN=Srgap1 PE=1 SV=2
Q8BFR5	Tufm	1.074249441	0.103329027	0.002238155	2.650109916	Elongation factor Tu, mitochondrial OS=Mus musculus GN=Tufm PE=1 SV=1
P40124	Cap1	1.128475586	0.174375207	0.002250897	2.647644438	Adenylyl cyclase-associated protein 1 OS=Mus musculus GN=Cap1 PE=1 SV=4
Q9CPQ8	Atp5l	1.115987644	0.158321053	0.002268607	2.644240748	ATP synthase subunit g, mitochondrial OS=Mus musculus GN=Atp5l PE=1 SV=1
Q3UHL1	Camkv	0.858242851	-0.22054216	0.002286141	2.640896942	CaM kinase-like vesicle-associated protein OS=Mus musculus GN=Camkv PE=1 SV=2
O88935	Syn1	1.214356931	0.28019253	0.002294594	2.639294127	Synapsin-1 OS=Mus musculus GN=Syn1 PE=1 SV=2
Q9DBG6	Rpn2	0.829252167	-0.270117217	0.002324121	2.633741232	Dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit 2 OS=Mus musculus GN=Rpn2 PE=2 SV=1
O88935-3	Syn1	1.214188755	0.279992717	0.00233142	2.632379559	Isoform 3 of Synapsin-1 OS=Mus musculus GN=Syn1
Q91VR2	Atp5c1	1.134400983	0.181930687	0.002341476	2.630510213	ATP synthase subunit gamma, mitochondrial OS=Mus musculus GN=Atp5c1 PE=1 SV=1
Q9ERS2	Ndufa13	1.15698143	0.210365709	0.002347	2.629486838	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 13 OS=Mus musculus GN=Ndufa13 PE=1 SV=3
P97792	Cxadr	0.767828605	-0.381143786	0.002378778	2.623646011	Coxsackievirus and adenovirus receptor homolog OS=Mus musculus GN=Cxadr PE=1 SV=1
Q9CWZ7	Napg	1.120127507	0.163662967	0.002391344	2.621357894	Gamma-soluble NSF attachment protein OS=Mus musculus GN=Napg PE=1 SV=1
P24270	Cat	0.749337395	-0.416312645	0.002422216	2.615787195	Catalase OS=Mus musculus GN=Cat PE=1 SV=4
O54931-3	Akap2	0.640603904	-0.642495504	0.002504853	2.6012178	Isoform 3 of A-kinase anchor protein 2 OS=Mus musculus GN=Akap2
P60867	Rps20	0.806005795	-0.311137883	0.00251036	2.600264006	40S ribosomal protein S20 OS=Mus musculus GN=Rps20 PE=1 SV=1
P97792-2	Cxadr	0.788212323	-0.34334379	0.002518156	2.598917376	Isoform 2 of Coxsackievirus and adenovirus receptor homolog OS=Mus musculus GN=Cxadr
Q80YX1-3	Tnc	0.801713261	-0.318841757	0.002547916	2.593814892	Isoform 3 of Tenascin OS=Mus musculus GN=Tnc
Q9QYX7	Pclo	1.098469206	0.135494426	0.002582077	2.58803079	Protein piccolo OS=Mus musculus GN=Pclo PE=1 SV=4
Q9DB20	Atp5o	1.137787657	0.186231335	0.002587848	2.587061311	ATP synthase subunit O, mitochondrial OS=Mus musculus GN=Atp5o PE=1 SV=1
Q62108-3	Dlg4	1.142739018	0.192495954	0.002592452	2.586289243	Isoform 3 of Disks large homolog 4 OS=Mus musculus GN=Dlg4
Q9JMH9-4	Myo18a	1.079470399	0.110323682	0.002614256	2.582651859	Isoform 4 of Unconventional myosin-XVIIIa OS=Mus musculus GN=Myo18a
Q5SVL6	Rap1gap2	1.186423622	0.246619228	0.002641797	2.578100497	Rap1 GTPase-activating protein 2 OS=Mus musculus GN=Rap1gap2 PE=2 SV=1
P97798-3	Neo1	0.795013087	-0.330949485	0.002694376	2.569541768	Isoform 3 of Neogenin OS=Mus musculus GN=Neo1
P13595	Ncam1	0.90259266	-0.147853048	0.002696894	2.569136183	Neural cell adhesion molecule 1 OS=Mus musculus GN=Ncam1 PE=1 SV=3
Q9JMH9-5	Myo18a	1.079756115	0.110705487	0.002716663	2.565964208	Isoform 5 of Unconventional myosin-XVIIIa OS=Mus musculus GN=Myo18a
Q64519	Sdc3	0.670108061	-0.577534334	0.002717692	2.56579975	Syndecan-3 OS=Mus musculus GN=Sdc3 PE=2 SV=2
P08113	Hsp90b1	0.909879643	-0.136252373	0.002746536	2.561214719	Endoplasmin OS=Mus musculus GN=Hsp90b1 PE=1 SV=2
P63328	Ppp3ca	1.119307533	0.162606476	0.002770923	2.557375561	Serine/threonine-protein phosphatase 2B catalytic subunit alpha isoform OS=Mus musculus GN=Ppp3ca PE=1 SV=1
P68404	Prkcb	1.091441587	0.12623492	0.002804681	2.552116496	Protein kinase C beta type OS=Mus musculus GN=Prkcb PE=1 SV=4
P63089	Ptn	0.742980425	-0.428603894	0.002808446	2.551533854	Pleiotrophin OS=Mus musculus GN=Ptn PE=2 SV=1
P50516	Atp6v1a	1.161133964	0.21553443	0.002824558	2.54904949	V-type proton ATPase catalytic subunit A OS=Mus musculus GN=Atp6v1a PE=1 SV=2
P52480-2	Pkm	1.127438307	0.173048492	0.002835087	2.547433667	Isoform M1 of Pyruvate kinase PKM OS=Mus musculus GN=Pkm
P13595-2	Ncam1	0.901856195	-0.149030688	0.002893867	2.538521464	Isoform 2 of Neural cell adhesion molecule 1 OS=Mus musculus GN=Ncam1
Q8BG39	Sv2b	1.236907142	0.306737197	0.00289737	2.537996031	Synaptic vesicle glycoprotein 2B OS=Mus musculus GN=Sv2b PE=1 SV=1
A2AQ07	Tubb1	0.895212743	-0.159697523	0.002903912	2.537016581	Tubulin beta-1 chain OS=Mus musculus GN=Tubb1 PE=1 SV=1
P23492	Pnp	1.187802141	0.248294538	0.002911381	2.535900886	Purine nucleoside phosphorylase OS=Mus musculus GN=Pnp PE=1 SV=2
Q9JLM8	Dclk1	0.880149241	-0.184179923	0.002934559	2.532457081	Serine/threonine-protein kinase DCLK1 OS=Mus musculus GN=Dclk1 PE=1 SV=1
P63040	Cplx1	1.162790272	0.217590907	0.002960157	2.528685208	Complexin-1 OS=Mus musculus GN=Cplx1 PE=1 SV=1
Q9QYX7-2	Pclo	1.097854788	0.134687244	0.00297544	2.526448758	Isoform 2 of Protein piccolo OS=Mus musculus GN=Pclo
Q7TSJ2	Map6	1.139394629	0.188267511	0.002976998	2.526221528	Microtubule-associated protein 6 OS=Mus musculus GN=Map6 PE=1 SV=2
Q9CZW5	Tomm70a	1.106096044	0.145476663	0.002993832	2.523772528	Mitochondrial import receptor subunit TOM70 OS=Mus musculus GN=Tomm70a PE=1 SV=2
Q9CYT6	Cap2	1.175805531	0.23364947	0.003069731	2.512899614	Adenylyl cyclase-associated protein 2 OS=Mus musculus GN=Cap2 PE=1 SV=1
Q9JHR7	Ide	0.774851803	-0.368007686	0.003071037	2.512714904	Insulin-degrading enzyme OS=Mus musculus GN=Ide PE=1 SV=1
O54916-4	Reps1	1.144482974	0.194696	0.003116932	2.506272708	Isoform 4 of RalBP1-associated Eps domain-containing protein 1 OS=Mus musculus GN=Reps1
Q80U28	Madd	1.121153709	0.164984084	0.00313307	2.504029876	MAP kinase-activating death domain protein OS=Mus musculus GN=Madd PE=1 SV=2
Q9R1Q8	Tagln3	1.101645793	0.139660435	0.003137583	2.503404809	Transgelin-3 OS=Mus musculus GN=Tagln3 PE=1 SV=1
Q9D6M3	Slc25a22	1.264168858	0.338189181	0.003197933	2.49513069	Mitochondrial glutamate carrier 1 OS=Mus musculus GN=Slc25a22 PE=1 SV=1
Q8CAQ8-3	Immt	1.114208923	0.156019775	0.003233406	2.490339792	Isoform 3 of Mitochondrial inner membrane protein OS=Mus musculus GN=Immt
P62702	Rps4x	0.902373315	-0.14820369	0.003291713	2.482578036	40S ribosomal protein S4, X isoform OS=Mus musculus GN=Rps4x PE=2 SV=2
O55126	Gbas	1.219272627	0.286020746	0.003318386	2.479073154	Protein NipSnap homolog 2 OS=Mus musculus GN=Gbas PE=2 SV=1
Q80U28-3	Madd	1.119195116	0.162461572	0.003338674	2.476425996	Isoform 3 of MAP kinase-activating death domain protein OS=Mus musculus GN=Madd
Q8BJI1	Slc6a17	1.216046404	0.282198283	0.003349315	2.475043974	Sodium-dependent neutral amino acid transporter SLC6A17 OS=Mus musculus GN=Slc6a17 PE=1 SV=1
Q62442	Vamp1	1.168239897	0.224336561	0.003361032	2.473527363	Vesicle-associated membrane protein 1 OS=Mus musculus GN=Vamp1 PE=1 SV=1
Q8BZ98	Dnm3	1.187444513	0.247860101	0.003380058	2.471075845	Dynamin-3 OS=Mus musculus GN=Dnm3 PE=1 SV=1
O08539	Bin1	1.073992703	0.102984191	0.003458593	2.461100507	Myc box-dependent-interacting protein 1 OS=Mus musculus GN=Bin1 PE=1 SV=1
Q9D6R2	Idh3a	1.129482381	0.175661766	0.003500502	2.455869631	Isocitrate dehydrogenase [NAD] subunit alpha, mitochondrial OS=Mus musculus GN=Idh3a PE=1 SV=1
P70336	Rock2	1.170556378	0.227194421	0.00353101	2.452101064	Rho-associated protein kinase 2 OS=Mus musculus GN=Rock2 PE=1 SV=1
P60840	Ensa	1.135273847	0.183040342	0.003571522	2.447146632	Alpha-endosulfine OS=Mus musculus GN=Ensa PE=1 SV=1
P51830	Adcy9	1.741979993	0.800728054	0.003606416	2.442924226	Adenylate cyclase type 9 OS=Mus musculus GN=Adcy9 PE=1 SV=1
Q9DCT2	Ndufs3	1.102374974	0.140615042	0.003607772	2.442760952	NADH dehydrogenase [ubiquinone] iron-sulfur protein 3, mitochondrial OS=Mus musculus GN=Ndufs3 PE=1 SV=2
Q9Z1N5	Ddx39b	0.930696321	-0.103617591	0.003651052	2.437581939	Spliceosome RNA helicase Ddx39b OS=Mus musculus GN=Ddx39b PE=1 SV=1
P13595-4	Ncam1	0.894833019	-0.160309602	0.003677503	2.434446953	Isoform 4 of Neural cell adhesion molecule 1 OS=Mus musculus GN=Ncam1
O35129	Phb2	1.090408546	0.124868774	0.00369025	2.432944153	Prohibitin-2 OS=Mus musculus GN=Phb2 PE=1 SV=1
Q9DCX2	Atp5h	1.157858621	0.211459105	0.003700695	2.431716714	ATP synthase subunit d, mitochondrial OS=Mus musculus GN=Atp5h PE=1 SV=3
Q9CQY6	Uqcc2	1.254636715	0.327269687	0.003711234	2.430481605	Ubiquinol-cytochrome-c reductase complex assembly factor 2 OS=Mus musculus GN=Uqcc2 PE=1 SV=1
P63038-2	Hspd1	1.054090816	0.075999169	0.003718039	2.429686112	Isoform 2 of 60 kDa heat shock protein, mitochondrial OS=Mus musculus GN=Hspd1
Q99JB2	Stoml2	1.095915147	0.1321361	0.003720123	2.429442734	Stomatin-like protein 2, mitochondrial OS=Mus musculus GN=Stoml2 PE=1 SV=1
Q99KP6-3	Prpf19	0.852811446	-0.229701294	0.003770575	2.423592431	Isoform 3 of Pre-mRNA-processing factor 19 OS=Mus musculus GN=Prpf19
P56812	Pdcd5	1.077129207	0.107191319	0.003802801	2.419896449	Programmed cell death protein 5 OS=Mus musculus GN=Pdcd5 PE=1 SV=3
P63141	Kcna2	1.331217119	0.412745892	0.003880279	2.411137017	Potassium voltage-gated channel subfamily A member 2 OS=Mus musculus GN=Kcna2 PE=1 SV=1
Q5SVL6-2	Rap1gap2	1.202100923	0.265558023	0.003899808	2.408956802	Isoform 2 of Rap1 GTPase-activating protein 2 OS=Mus musculus GN=Rap1gap2
Q9EQF6	Dpysl5	0.807610721	-0.308268033	0.003920267	2.406684406	Dihydropyrimidinase-related protein 5 OS=Mus musculus GN=Dpysl5 PE=1 SV=1
P61264	Stx1b	1.138320513	0.18690683	0.00392352	2.406324089	Syntaxin-1B OS=Mus musculus GN=Stx1b PE=1 SV=1
P13595-3	Ncam1	0.904049659	-0.145526074	0.003963725	2.401896444	Isoform 3 of Neural cell adhesion molecule 1 OS=Mus musculus GN=Ncam1
O08539-2	Bin1	1.08432937	0.116803048	0.003969724	2.401239658	Isoform 2 of Myc box-dependent-interacting protein 1 OS=Mus musculus GN=Bin1
Q9R0H0	Acox1	0.723436068	-0.467062567	0.003974404	2.400727941	Peroxisomal acyl-coenzyme A oxidase 1 OS=Mus musculus GN=Acox1 PE=1 SV=5
P20444	Prkca	1.14693788	0.197787255	0.003982762	2.399815632	Protein kinase C alpha type OS=Mus musculus GN=Prkca PE=1 SV=3
P52480	Pkm	1.124810732	0.169682265	0.003983064	2.399782724	Pyruvate kinase PKM OS=Mus musculus GN=Pkm PE=1 SV=4
Q9JLM8-2	Dclk1	0.889038658	-0.169681943	0.00404068	2.393545564	Isoform 2 of Serine/threonine-protein kinase DCLK1 OS=Mus musculus GN=Dclk1
P62814	Atp6v1b2	1.141866594	0.191394109	0.004044406	2.39314526	V-type proton ATPase subunit B, brain isoform OS=Mus musculus GN=Atp6v1b2 PE=1 SV=1
Q9CQZ6	Ndufb3	1.13276882	0.17985346	0.004058606	2.391623152	NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 3 OS=Mus musculus GN=Ndufb3 PE=1 SV=1
Q9D593	Atp6v1e2	1.103459191	0.142033276	0.004096055	2.387634208	V-type proton ATPase subunit E 2 OS=Mus musculus GN=Atp6v1e2 PE=2 SV=1
Q05816	Fabp5	0.823902183	-0.279455029	0.004140116	2.382987443	Fatty acid-binding protein, epidermal OS=Mus musculus GN=Fabp5 PE=1 SV=3
Q9DBG3	Ap2b1	1.086593874	0.119812818	0.004154076	2.38152557	AP-2 complex subunit beta OS=Mus musculus GN=Ap2b1 PE=1 SV=1
P05063	Aldoc	1.193180124	0.254811851	0.004179965	2.378827369	Fructose-bisphosphate aldolase C OS=Mus musculus GN=Aldoc PE=1 SV=4
Q64676	Ugt8	0.697292916	-0.52016327	0.00418832	2.377960124	2-hydroxyacylsphingosine 1-beta-galactosyltransferase OS=Mus musculus GN=Ugt8 PE=2 SV=2
P84086	Cplx2	1.151256423	0.203209206	0.004297567	2.366777342	Complexin-2 OS=Mus musculus GN=Cplx2 PE=1 SV=1
P24369	Ppib	0.819907938	-0.286466166	0.004311988	2.365322473	Peptidyl-prolyl cis-trans isomerase B OS=Mus musculus GN=Ppib PE=1 SV=2
P56376	Acyp1	1.190690997	0.25179906	0.004322276	2.364287492	Acylphosphatase-1 OS=Mus musculus GN=Acyp1 PE=2 SV=2
Q9CY27	Tecr	0.913837359	-0.129990672	0.004380478	2.35847846	Very-long-chain enoyl-CoA reductase OS=Mus musculus GN=Tecr PE=1 SV=1
P68404-2	Prkcb	1.087685583	0.121261577	0.004409751	2.355585927	Isoform Beta-II of Protein kinase C beta type OS=Mus musculus GN=Prkcb
Q810J8	Zfyve1	1.238260806	0.308315211	0.004427842	2.353807925	Zinc finger FYVE domain-containing protein 1 OS=Mus musculus GN=Zfyve1 PE=2 SV=2
Q8R001	Mapre2	0.921807561	-0.117462494	0.004430519	2.353545443	Microtubule-associated protein RP/EB family member 2 OS=Mus musculus GN=Mapre2 PE=1 SV=1
Q8C419	Gpr158	1.121532322	0.165471199	0.004467542	2.349931311	Probable G-protein coupled receptor 158 OS=Mus musculus GN=Gpr158 PE=1 SV=2
Q91VM5	Rbmxl1	0.908657818	-0.138190987	0.004638401	2.33363171	RNA binding motif protein, X-linked-like-1 OS=Mus musculus GN=Rbmxl1 PE=1 SV=1
O88935-1	Syn1	1.199501975	0.262435533	0.004679642	2.329787401	Isoform Ib of Synapsin-1 OS=Mus musculus GN=Syn1
P15532	Nme1	0.867487499	-0.205085127	0.004690041	2.328823402	Nucleoside diphosphate kinase A OS=Mus musculus GN=Nme1 PE=1 SV=1
P50429-2	Arsb	0.783920756	-0.351220271	0.004714861	2.326531082	Isoform 2 of Arylsulfatase B OS=Mus musculus GN=Arsb
P63044	Vamp2	1.130059788	0.176399103	0.00474547	2.323720727	Vesicle-associated membrane protein 2 OS=Mus musculus GN=Vamp2 PE=1 SV=2

Accession	Gene	Fold Change (KO vs. WT)	Log2 Fold Change	Students T Test	-Log10 T Test	Description
Q6IFX4	Krt39	1.297312945	0.375526536	0.004766393	2.321810186	Keratin, type I cytoskeletal 39 OS=Mus musculus GN=Krt39 PE=2 SV=2
Q64727	Vcl	1.082304261	0.114106132	0.004786635	2.319969668	Vinculin OS=Mus musculus GN=Vcl PE=1 SV=4
Q8CAQ8	Immt	1.108724121	0.14890043	0.004809905	2.317863482	Mitochondrial inner membrane protein OS=Mus musculus GN=Immt PE=1 SV=1
Q60931	Vdac3	1.081686778	0.113282801	0.004829818	2.316069211	Voltage-dependent anion-selective channel protein 3 OS=Mus musculus GN=Vdac3 PE=1 SV=1
Q3TRM8	Hk3	1.193231921	0.254874477	0.004835875	2.315524956	Hexokinase-3 OS=Mus musculus GN=Hk3 PE=2 SV=2
P97379-2	G3bp2	0.850334864	-0.233897005	0.004952986	2.305132908	Isoform B of Ras GTPase-activating protein-binding protein 2 OS=Mus musculus GN=G3bp2
Q03265	Atp5a1	1.139520599	0.188427004	0.004977315	2.303004834	ATP synthase subunit alpha, mitochondrial OS=Mus musculus GN=Atp5a1 PE=1 SV=1
P46096	Syt1	1.194394595	0.256279541	0.005004145	2.300670158	Synaptotagmin-1 OS=Mus musculus GN=Syt1 PE=1 SV=1
Q61548-3	Snap91	1.089942142	0.124251554	0.005098733	2.29253772	Isoform 3 of Clathrin coat assembly protein AP180 OS=Mus musculus GN=Snap91
P13707	Gpd1	1.208490718	0.273206392	0.005122032	2.290557704	Glycerol-3-phosphate dehydrogenase [NAD(+)], cytoplasmic OS=Mus musculus GN=Gpd1 PE=1 SV=3
P50516-2	Atp6v1a	1.177931413	0.236255539	0.005122149	2.290547828	Isoform 2 of V-type proton ATPase catalytic subunit A OS=Mus musculus GN=Atp6v1a
P51410	Rpl9	0.854209394	-0.227338331	0.005124544	2.290344774	60S ribosomal protein L9 OS=Mus musculus GN=Rpl9 PE=1 SV=2
Q7SIG6	Asap2	1.146189038	0.196845003	0.005159313	2.287408107	Arf-GAP with SH3 domain, ANK repeat and PH domain-containing protein 2 OS=Mus musculus GN=Asap2 PE=1 SV=3
P08414	Camk4	0.844904292	-0.243140168	0.005169541	2.286548031	Calcium/calmodulin-dependent protein kinase type IV OS=Mus musculus GN=Camk4 PE=1 SV=2
Q6P1B1	Xpnpep1	0.893996834	-0.161658372	0.00520164	2.283859678	Xaa-Pro aminopeptidase 1 OS=Mus musculus GN=Xpnpep1 PE=2 SV=1
P32020	Scp2	0.872217745	-0.197239753	0.005242437	2.280466771	Non-specific lipid-transfer protein OS=Mus musculus GN=Scp2 PE=1 SV=3
Q8BTV2-3	Cpsf7	1.247344485	0.318859956	0.005275403	2.27774432	Isoform 3 of Cleavage and polyadenylation specificity factor subunit 7 OS=Mus musculus GN=Cpsf7
Q08943	Ssrp1	0.771110946	-0.374989647	0.005340124	2.27244863	FACT complex subunit SSRP1 OS=Mus musculus GN=Ssrp1 PE=1 SV=2
Q8JZQ2	Afg3l2	1.247686058	0.31925497	0.005350183	2.271631349	AFG3-like protein 2 OS=Mus musculus GN=Afg3l2 PE=1 SV=1
Q80U28-11	Madd	1.13792913	0.18641071	0.005364719	2.270453043	Isoform 11 of MAP kinase-activating death domain protein OS=Mus musculus GN=Madd
Q7TSJ2-2	Map6	1.144998598	0.195345832	0.005365095	2.2704226	Isoform 2 of Microtubule-associated protein 6 OS=Mus musculus GN=Map6
Q9Z1G4-3	Atp6v0a1	1.102900376	0.141302479	0.005471295	2.261909842	Isoform A1-III of V-type proton ATPase 116 kDa subunit a isoform 1 OS=Mus musculus GN=Atp6v0a1
Q8CAQ8-5	Immt	1.106342925	0.145798636	0.00547205	2.261849928	Isoform 5 of Mitochondrial inner membrane protein OS=Mus musculus GN=Immt
P22315	Fech	1.167585585	0.223528305	0.005478581	2.261331911	Ferrochelatase, mitochondrial OS=Mus musculus GN=Fech PE=1 SV=2
Q8BRT1-6	Clasp2	0.846131163	-0.241046775	0.005509035	2.258924506	Isoform 3 of CLIP-associating protein 2 OS=Mus musculus GN=Clasp2
Q7TPR4	Actn1	1.155357413	0.208339223	0.005511551	2.258726131	Alpha-actinin-1 OS=Mus musculus GN=Actn1 PE=1 SV=1
Q9D855	Uqcrb	1.15917745	0.213101434	0.005561965	2.254771754	Cytochrome b-c1 complex subunit 7 OS=Mus musculus GN=Uqcrb PE=1 SV=3
Q8BLQ9-3	Cadm2	1.136649309	0.184787207	0.00557958	2.253398515	Isoform 3 of Cell adhesion molecule 2 OS=Mus musculus GN=Cadm2
Q8BLQ9	Cadm2	1.136666206	0.184808654	0.005589595	2.252619623	Cell adhesion molecule 2 OS=Mus musculus GN=Cadm2 PE=1 SV=2
Q9DCV4	Rmdn1	1.136423347	0.184500375	0.005628732	2.24958943	Regulator of microtubule dynamics protein 1 OS=Mus musculus GN=Rmdn1 PE=1 SV=2
P63280	Ube2i	1.156553328	0.209831789	0.005668227	2.24655277	SUMO-conjugating enzyme UBC9 OS=Mus musculus GN=Ube2i PE=1 SV=1
Q66JS6	Eif3j2	0.925419104	-0.111821213	0.005742389	2.240907407	Eukaryotic translation initiation factor 3 subunit J-B OS=Mus musculus GN=Eif3j2 PE=1 SV=1
Q8VD37-3	Sgip1	1.063845643	0.08928884	0.005756671	2.239828576	Isoform 3 of SH3-containing GRB2-like protein 3-interacting protein 1 OS=Mus musculus GN=Sgip1
P10922	H1f0	1.253093572	0.325494149	0.005768299	2.238952235	Histone H1.0 OS=Mus musculus GN=H1f0 PE=2 SV=4
Q9DCS9	Ndufb10	1.123508847	0.168011484	0.005795246	2.236928108	NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 10 OS=Mus musculus GN=Ndufb10 PE=1 SV=3
Q80U28-2	Madd	1.118663333	0.161775916	0.005929036	2.227015923	Isoform 2 of MAP kinase-activating death domain protein OS=Mus musculus GN=Madd
Q60597-4	Ogdh	1.056660808	0.07951234	0.005943343	2.225969219	Isoform 4 of 2-oxoglutarate dehydrogenase, mitochondrial OS=Mus musculus GN=Ogdh
Q61644	Pacsin1	1.204802863	0.268797103	0.005945112	2.225839964	Protein kinase C and casein kinase substrate in neurons protein 1 OS=Mus musculus GN=Pacsin1 PE=1 SV=1
P28867	Prkcd	1.297503132	0.375738021	0.005946716	2.225722812	Protein kinase C delta type OS=Mus musculus GN=Prkcd PE=1 SV=3
P08249	Mdh2	1.118448349	0.161498633	0.006039166	2.219023064	Malate dehydrogenase, mitochondrial OS=Mus musculus GN=Mdh2 PE=1 SV=3
Q8C1B7-3	Sept11	1.097394552	0.134082318	0.006039579	2.218993306	Isoform 3 of Septin-11 OS=Mus musculus GN=Sept11
O35544	Slc1a6	1.275739428	0.351333686	0.006115715	2.213552739	Excitatory amino acid transporter 4 OS=Mus musculus GN=Slc1a6 PE=2 SV=1
Q60597	Ogdh	1.056552004	0.079363779	0.006184034	2.208728124	2-oxoglutarate dehydrogenase, mitochondrial OS=Mus musculus GN=Ogdh PE=1 SV=3
P63073	Eif4e	0.922530892	-0.116330872	0.006255014	2.203771741	Eukaryotic translation initiation factor 4E OS=Mus musculus GN=Eif4e PE=1 SV=1
Q04447	Ckb	1.195815418	0.257994717	0.006282514	2.201866519	Creatine kinase B-type OS=Mus musculus GN=Ckb PE=1 SV=1
Q80U28-7	Madd	1.139299321	0.188146827	0.006366154	2.196122885	Isoform 7 of MAP kinase-activating death domain protein OS=Mus musculus GN=Madd
P35762	Cd81	1.119721773	0.163140298	0.006374165	2.195576699	CD81 antigen OS=Mus musculus GN=Cd81 PE=1 SV=2
Q8VCE6	Nt5m	0.265743073	-1.911896008	0.006425782	2.192074022	5'(3')-deoxyribonucleotidase, mitochondrial OS=Mus musculus GN=Nt5m PE=2 SV=1
P80317	Cct6a	0.859588087	-0.218282606	0.006470944	2.189032368	T-complex protein 1 subunit zeta OS=Mus musculus GN=Cct6a PE=1 SV=3
P63248	Pkia	0.634199959	-0.656990311	0.006542104	2.184282562	cAMP-dependent protein kinase inhibitor alpha OS=Mus musculus GN=Pkia PE=1 SV=2
P05132	Prkaca	0.862558132	-0.213306404	0.006570598	2.182395112	cAMP-dependent protein kinase catalytic subunit alpha OS=Mus musculus GN=Prkaca PE=1 SV=3
P57746	Atp6v1d	1.118602539	0.16169751	0.006573508	2.182202788	V-type proton ATPase subunit D OS=Mus musculus GN=Atp6v1d PE=1 SV=1
P47802	Mtx1	1.212235429	0.277669913	0.006596452	2.180689625	Metaxin-1 OS=Mus musculus GN=Mtx1 PE=1 SV=1
Q91Z53	Grhpr	1.315192936	0.395274455	0.006662843	2.176340389	Glyoxylate reductase/hydroxypyruvate reductase OS=Mus musculus GN=Grhpr PE=1 SV=1
Q80UW2	Fbxo2	1.185654225	0.245683334	0.006743494	2.171115046	F-box only protein 2 OS=Mus musculus GN=Fbxo2 PE=1 SV=1
Q8R0F8	Fahd1	1.445762204	0.53183028	0.006766107	2.169661153	Acylpyruvase FAHD1, mitochondrial OS=Mus musculus GN=Fahd1 PE=1 SV=2
P08228	Sod1	1.068757616	0.095934701	0.006785384	2.168425547	Superoxide dismutase [Cu-Zn] OS=Mus musculus GN=Sod1 PE=1 SV=2
P15209-2	Ntrk2	1.233453957	0.302703863	0.006811491	2.166757792	Isoform GP95-TRKB of BDNF/NT-3 growth factors receptor OS=Mus musculus GN=Ntrk2
Q99LC3	Ndufa10	1.16250861	0.217241401	0.006916169	2.160134398	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 10, mitochondrial OS=Mus musculus GN=Ndufa10 PE=1 SV=1
Q9DCJ5	Ndufa8	1.107045275	0.146714226	0.00692784	2.15940217	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 8 OS=Mus musculus GN=Ndufa8 PE=1 SV=3
P14873	Map1b	0.866261404	-0.207125655	0.006966774	2.156968282	Microtubule-associated protein 1B OS=Mus musculus GN=Map1b PE=1 SV=2
Q9WU01	Khdrbs2	0.881893952	-0.181322914	0.007007032	2.154465871	KH domain-containing, RNA-binding, signal transduction-associated protein 2 OS=Mus musculus GN=Khdrbs2 PE=1 SV=1
Q9JLZ3-3	Auh	1.267235961	0.341685181	0.007121511	2.147427844	Isoform 3 of Methylglutaconyl-CoA hydratase, mitochondrial OS=Mus musculus GN=Auh
Q9WV02	Rbmx	0.879074607	-0.185942483	0.007122354	2.147376435	RNA-binding motif protein, X chromosome OS=Mus musculus GN=Rbmx PE=1 SV=1
Q64012	Raly	1.055831338	0.078379393	0.007226109	2.141095497	RNA-binding protein Raly OS=Mus musculus GN=Raly PE=1 SV=3
Q922E4	Pcyt2	1.138902028	0.187643647	0.007240995	2.140201777	Ethanolamine-phosphate cytidylyltransferase OS=Mus musculus GN=Pcyt2 PE=1 SV=1
P10833	Rras	1.133475377	0.180753051	0.007325231	2.135178657	Ras-related protein R-Ras OS=Mus musculus GN=Rras PE=2 SV=1
Q9Z1G4	Atp6v0a1	1.100807158	0.138561757	0.007333748	2.134673992	V-type proton ATPase 116 kDa subunit a isoform 1 OS=Mus musculus GN=Atp6v0a1 PE=1 SV=3
P62301	Rps13	0.867973462	-0.204277162	0.007350399	2.133689057	40S ribosomal protein S13 OS=Mus musculus GN=Rps13 PE=1 SV=2
Q3UJU9	Rmdn3	1.181694178	0.240856714	0.007421286	2.129520825	Regulator of microtubule dynamics protein 3 OS=Mus musculus GN=Rmdn3 PE=1 SV=2
P62960	Ybx1	0.648942514	-0.623837411	0.007644035	2.116677337	Nuclease-sensitive element-binding protein 1 OS=Mus musculus GN=Ybx1 PE=1 SV=3
Q60575-3	Kif1b	1.104296916	0.143128126	0.007691895	2.113966647	Isoform 3 of Kinesin-like protein KIF1B OS=Mus musculus GN=Kif1b
Q61481	Pde1a	1.123563914	0.168082195	0.007709507	2.112973392	Calcium/calmodulin-dependent 3',5'-cyclic nucleotide phosphodiesterase 1A OS=Mus musculus GN=Pde1a PE=2 SV=2
Q80VP1	Epn1	1.092474181	0.127599184	0.007750737	2.110656988	Epsin-1 OS=Mus musculus GN=Epn1 PE=1 SV=3
Q80U28-13	Madd	1.135528334	0.183363705	0.007866372	2.104225512	Isoform 13 of MAP kinase-activating death domain protein OS=Mus musculus GN=Madd
Q9D898	Arpc5l	1.105219349	0.144332724	0.007895261	2.102633513	Actin-related protein 2/3 complex subunit 5-like protein OS=Mus musculus GN=Arpc5l PE=1 SV=1
Q9CQ45	Nenf	0.561498907	-0.832644882	0.007995101	2.097176059	Neudesin OS=Mus musculus GN=Nenf PE=1 SV=1
Q7SIG6-2	Asap2	1.209803947	0.274773273	0.008045912	2.094424721	Isoform 2 of Arf-GAP with SH3 domain, ANK repeat and PH domain-containing protein 2 OS=Mus musculus GN=Asap2
Q8K274	Fn3krp	1.187531428	0.247965695	0.008086401	2.092244751	Ketosamine-3-kinase OS=Mus musculus GN=Fn3krp PE=2 SV=2
P61082	Ube2m	1.0448146	0.063246963	0.008147739	2.088962867	NEDD8-conjugating enzyme Ubc12 OS=Mus musculus GN=Ube2m PE=2 SV=1
P57780	Actn4	1.114868098	0.156873032	0.008157137	2.088462237	Alpha-actinin-4 OS=Mus musculus GN=Actn4 PE=1 SV=1
Q9D8B4	Ndufa11	1.240557994	0.31098918	0.008175164	2.087503522	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 11 OS=Mus musculus GN=Ndufa11 PE=2 SV=2
Q6WVG3	Kctd12	0.841927807	-0.248231564	0.008290266	2.08143152	BTB/POZ domain-containing protein KCTD12 OS=Mus musculus GN=Kctd12 PE=1 SV=1
Q60902-4	Eps15l1	1.168614496	0.22479909	0.008305314	2.080643934	Isoform 4 of Epidermal growth factor receptor substrate 15-like 1 OS=Mus musculus GN=Eps15l1
Q9CZA6-3	Nde1	1.164466096	0.219668635	0.008407945	2.075310148	Isoform 3 of Nuclear distribution protein nudE homolog 1 OS=Mus musculus GN=Nde1
Q60902-3	Eps15l1	1.163491555	0.218460739	0.008533137	2.068891271	Isoform 3 of Epidermal growth factor receptor substrate 15-like 1 OS=Mus musculus GN=Eps15l1
P16125	Ldhb	1.096742879	0.133225339	0.008538601	2.068613271	L-lactate dehydrogenase B chain OS=Mus musculus GN=Ldhb PE=1 SV=2
Q9JKY0	Rqcd1	0.86891997	-0.202704788	0.008562285	2.067410296	Cell differentiation protein RCD1 homolog OS=Mus musculus GN=Rqcd1 PE=1 SV=1
P56565	S100a1	1.069657155	0.097148461	0.008615388	2.064725164	Protein S100-A1 OS=Mus musculus GN=S100a1 PE=1 SV=2
P15209	Ntrk2	1.25197476	0.324205478	0.008617028	2.064642489	BDNF/NT-3 growth factors receptor OS=Mus musculus GN=Ntrk2 PE=1 SV=1
Q7TQF7	Amph	1.06331557	0.088569822	0.008632614	2.063857675	Amphiphysin OS=Mus musculus GN=Amph PE=1 SV=1
A2CG49-6	Kalrn	0.858419909	-0.220244558	0.008673958	2.061782682	Isoform 6 of Kalirin OS=Mus musculus GN=Kalrn
Q99KP6-2	Prpf19	0.866565937	-0.206618567	0.008744524	2.058263831	Isoform 2 of Pre-mRNA-processing factor 19 OS=Mus musculus GN=Prpf19
Q91WS0	Cisd1	1.120904722	0.164663653	0.008880423	2.051566333	CDGSH iron-sulfur domain-containing protein 1 OS=Mus musculus GN=Cisd1 PE=1 SV=1
P62821	Rab1A	1.046388554	0.065418664	0.008924024	2.049439271	Ras-related protein Rab-1A OS=Mus musculus GN=Rab1A PE=1 SV=3
Q9QZ23	Nfu1	1.307895821	0.387247629	0.008938151	2.048752293	NFU1 iron-sulfur cluster scaffold homolog, mitochondrial OS=Mus musculus GN=Nfu1 PE=1 SV=2
Q8VCI5	Pex19	0.809452222	-0.304982167	0.008993082	2.046091439	Peroxisomal biogenesis factor 19 OS=Mus musculus GN=Pex19 PE=1 SV=1
P68181-3	Prkacb	0.848191088	-0.237538771	0.009010467	2.045252685	Isoform 3 of cAMP-dependent protein kinase catalytic subunit beta OS=Mus musculus GN=Prkacb
P97379	G3bp2	0.868646265	-0.2031593	0.0090301	2.044307421	Ras GTPase-activating protein-binding protein 2 OS=Mus musculus GN=G3bp2 PE=1 SV=2
A2ASZ8-3	Slc25a25	1.245545307	0.316777501	0.009040805	2.043792913	Isoform 3 of Calcium-binding mitochondrial carrier protein SCaMC-2 OS=Mus musculus GN=Slc25a25
Q8BP48	Metap1	0.789618886	-0.340771598	0.009054953	2.043113803	Methionine aminopeptidase 1 OS=Mus musculus GN=Metap1 PE=2 SV=1
P14152	Mdh1	1.120329407	0.163922986	0.009116011	2.040195162	Malate dehydrogenase, cytoplasmic OS=Mus musculus GN=Mdh1 PE=1 SV=3
Q91ZZ3	Sncb	1.262275952	0.336027339	0.009154549	2.038363064	Beta-synuclein OS=Mus musculus GN=Sncb PE=1 SV=1
P00493	Hprt1	0.899428179	-0.152920011	0.009193996	2.036495667	Hypoxanthine-guanine phosphoribosyltransferase OS=Mus musculus GN=Hprt1 PE=1 SV=3
Q60902	Eps15l1	1.163018964	0.217874622	0.009279168	2.032490945	Epidermal growth factor receptor substrate 15-like 1 OS=Mus musculus GN=Eps15l1 PE=1 SV=3
Q8R317	Ubqln1	1.296878713	0.375043562	0.009340158	2.029645758	Ubiquilin-1 OS=Mus musculus GN=Ubqln1 PE=1 SV=1
P15105	Glul	1.135529821	0.183365594	0.009356754	2.028874779	Glutamine synthetase OS=Mus musculus GN=Glul PE=1 SV=6
A2AJA9	Gm996	1.330757176	0.412247346	0.009446523	2.024727991	Uncharacterized protein C9orf172 homolog OS=Mus musculus GN=Gm996 PE=1 SV=1
Q9DCT5	Sdf2	0.803818603	-0.315058128	0.009455333	2.024323194	Stromal cell-derived factor 2 OS=Mus musculus GN=Sdf2 PE=2 SV=1
Q80WM4	Hapln4	1.471996678	0.557774416	0.009482801	2.023063347	Hyaluronan and proteoglycan link protein 4 OS=Mus musculus GN=Hapln4 PE=2 SV=2
Q4KMM3	Oxr1	1.143141039	0.193003412	0.009522726	2.021238719	Oxidation resistance protein 1 OS=Mus musculus GN=Oxr1 PE=2 SV=3
Q8BGC0	Htatsf1	0.709174364	-0.49578771	0.009535452	2.020658699	HIV Tat-specific factor 1 homolog OS=Mus musculus GN=Htatsf1 PE=1 SV=1
P25444	Rps2	0.868234279	-0.203843712	0.009537942	2.020545312	40S ribosomal protein S2 OS=Mus musculus GN=Rps2 PE=2 SV=3
Q99JY0	Hadhb	1.165124171	0.220483716	0.009540857	2.020412595	Trifunctional enzyme subunit beta, mitochondrial OS=Mus musculus GN=Hadhb PE=1 SV=1
Q922Q1	Marc2	1.130067373	0.176408786	0.00958653	2.018338574	MOSC domain-containing protein 2, mitochondrial OS=Mus musculus GN=Marc2 PE=1 SV=1
Q9DCB8	Isca2	1.214267853	0.280086698	0.009659363	2.0150515	Iron-sulfur cluster assembly 2 homolog, mitochondrial OS=Mus musculus GN=Isca2 PE=2 SV=2
F8VPU2	Farp1	0.835176165	-0.259847555	0.009885608	2.004996624	FERM, RhoGEF and pleckstrin domain-containing protein 1 OS=Mus musculus GN=Farp1 PE=1 SV=1

Accession	Gene	Fold Change (KO vs. WT)	Log2 Fold Change	Students T Test	-Log10 T Test	Description
P08030	Aprt	0.889494542	-0.168942342	0.009912353	2.003823248	Adenine phosphoribosyltransferase OS=Mus musculus GN=Aprt PE=1 SV=2
P60840-3	Ensa	1.173844412	0.231241199	0.009928778	2.003104216	Isoform 3 of Alpha-endosulfine OS=Mus musculus GN=Ensa
Q8C729	Fam126b	1.196193177	0.258450394	0.009976649	2.001015311	Protein FAM126B OS=Mus musculus GN=Fam126b PE=2 SV=1
P50543	S100a11	0.813658542	-0.297504612	0.010057318	1.997517797	Protein S100-A11 OS=Mus musculus GN=S100a11 PE=1 SV=1
P35486	Pdha1	1.123327517	0.167778621	0.010082601	1.996427414	Pyruvate dehydrogenase E1 component subunit alpha, somatic form, mitochondrial OS=Mus musculus GN=Pdha1 PE=1 SV=1
Q9QZB9	Dctn5	1.197813756	0.260403606	0.010130222	1.994381033	Dynactin subunit 5 OS=Mus musculus GN=Dctn5 PE=1 SV=1
Q8BYR5-6	Cadps2	1.094689849	0.130522178	0.010181402	1.99219242	Isoform 6 of Calcium-dependent secretion activator 2 OS=Mus musculus GN=Cadps2
P51881	Slc25a5	1.153363982	0.205847875	0.010200638	1.991372662	ADP/ATP translocase 2 OS=Mus musculus GN=Slc25a5 PE=1 SV=3
Q921F4-4	Hnrnpll	0.931938501	-0.101693341	0.010217914	1.990637749	Isoform 2 of Heterogeneous nuclear ribonucleoprotein L-like OS=Mus musculus GN=Hnrnpll
Q8BMS1	Hadha	1.098693877	0.135789472	0.010251652	1.989206132	Trifunctional enzyme subunit alpha, mitochondrial OS=Mus musculus GN=Hadha PE=1 SV=1
Q8K0U4	Hspa12a	1.069876071	0.097443692	0.010335693	1.985660408	Heat shock 70 kDa protein 12A OS=Mus musculus GN=Hspa12a PE=1 SV=1
P23198	Cbx3	0.914099609	-0.129576712	0.010380419	1.983785114	Chromobox protein homolog 3 OS=Mus musculus GN=Cbx3 PE=1 SV=2
Q8BG73	Sh3bgrl2	1.282818333	0.359316877	0.010384899	1.983597724	SH3 domain-binding glutamic acid-rich-like protein 2 OS=Mus musculus GN=Sh3bgrl2 PE=1 SV=1
Q9DB05	Napa	1.067849203	0.09470793	0.010402997	1.982841535	Alpha-soluble NSF attachment protein OS=Mus musculus GN=Napa PE=1 SV=1
P50518	Atp6v1e1	1.112007601	0.153166649	0.010419302	1.982161357	V-type proton ATPase subunit E 1 OS=Mus musculus GN=Atp6v1e1 PE=1 SV=2
Q9QXX4	Slc25a13	1.206830368	0.271222905	0.010469548	1.980072051	Calcium-binding mitochondrial carrier protein Aralar2 OS=Mus musculus GN=Slc25a13 PE=1 SV=1
Q9ERR1	Ndel1	1.101230445	0.1391164	0.010469599	1.980069972	Nuclear distribution protein nudE-like 1 OS=Mus musculus GN=Ndel1 PE=1 SV=2
Q9DC28	Csnk1d	1.118742172	0.161877587	0.010507618	1.978495742	Casein kinase I isoform delta OS=Mus musculus GN=Csnk1d PE=1 SV=2
Q05186	Rcn1	0.752068475	-0.411064072	0.010511574	1.978332253	Reticulocalbin-1 OS=Mus musculus GN=Rcn1 PE=1 SV=1
P62245	Rps15a	0.867306117	-0.205386811	0.010516548	1.978126811	40S ribosomal protein S15a OS=Mus musculus GN=Rps15a PE=1 SV=2
P62082	Rps7	0.883722936	-0.178333967	0.010518907	1.978029368	40S ribosomal protein S7 OS=Mus musculus GN=Rps7 PE=2 SV=1
P62889	Rpl30	0.852958733	-0.229452151	0.010547174	1.976863909	60S ribosomal protein L30 OS=Mus musculus GN=Rpl30 PE=2 SV=2
P15209-4	Ntrk2	1.263562541	0.337497073	0.010551817	1.97667273	Isoform L10 of BDNF/NT-3 growth factors receptor OS=Mus musculus GN=Ntrk2
Q9JME5	Ap3b2	1.063706014	0.089099476	0.010603818	1.974537736	AP-3 complex subunit beta-2 OS=Mus musculus GN=Ap3b2 PE=1 SV=2
Q6ZWN5	Rps9	0.874913168	-0.192788253	0.010630149	1.973460646	40S ribosomal protein S9 OS=Mus musculus GN=Rps9 PE=1 SV=3
Q9Z1N9-3	Unc13b	1.334265993	0.416046304	0.010663138	1.97211496	Isoform 3 of Protein unc-13 homolog B OS=Mus musculus GN=Unc13b
Q9JII5	Dazap1	0.885101186	-0.176085699	0.010675971	1.971592634	DAZ-associated protein 1 OS=Mus musculus GN=Dazap1 PE=2 SV=2
Q91Y97	Aldob	1.209702836	0.274652693	0.010693563	1.97087758	Fructose-bisphosphate aldolase B OS=Mus musculus GN=Aldob PE=1 SV=3
P62482	Kcnab2	1.222525112	0.2898641	0.010761884	1.968111704	Voltage-gated potassium channel subunit beta-2 OS=Mus musculus GN=Kcnab2 PE=2 SV=1
P97450	Atp5j	1.155024513	0.207923471	0.010780101	1.967377181	ATP synthase-coupling factor 6, mitochondrial OS=Mus musculus GN=Atp5j PE=1 SV=1
Q99J08	Sec14l2	1.230518069	0.299265842	0.010802587	1.966472243	SEC14-like protein 2 OS=Mus musculus GN=Sec14l2 PE=1 SV=1
Q5FWK3	Arhgap1	1.124757156	0.169613546	0.010905697	1.962346572	Rho GTPase-activating protein 1 OS=Mus musculus GN=Arhgap1 PE=1 SV=1
Q8CHH9	Sept8	1.170846404	0.22755183	0.010944093	1.960820216	Septin-8 OS=Mus musculus GN=Sept8 PE=1 SV=4
Q61207	Psap	0.878309824	-0.187198155	0.010996749	1.958735698	Sulfated glycoprotein 1 OS=Mus musculus GN=Psap PE=1 SV=2
Q8BP67	Rpl24	0.861582032	-0.214939931	0.011048311	1.956704093	60S ribosomal protein L24 OS=Mus musculus GN=Rpl24 PE=1 SV=2
P47941	Crkl	1.074222302	0.103292579	0.011057912	1.956326873	Crk-like protein OS=Mus musculus GN=Crkl PE=1 SV=2
P84091	Ap2m1	1.081392773	0.11289062	0.011198719	1.950831642	AP-2 complex subunit mu OS=Mus musculus GN=Ap2m1 PE=1 SV=1
P39054	Dnm2	1.169767476	0.226221782	0.011311856	1.946466142	Dynamin-2 OS=Mus musculus GN=Dnm2 PE=1 SV=2
P10649	Gstm1	1.20513412	0.269193714	0.011477025	1.94017067	Glutathione S-transferase Mu 1 OS=Mus musculus GN=Gstm1 PE=1 SV=2
Q9CVB6	Arpc2	0.930401025	-0.104075409	0.011672075	1.93285194	Actin-related protein 2/3 complex subunit 2 OS=Mus musculus GN=Arpc2 PE=1 SV=3
Q60854	Serpinb6	1.129157748	0.175247051	0.011865903	1.925699202	Serpin B6 OS=Mus musculus GN=Serpinb6 PE=1 SV=1
Q76MZ3	Ppp2r1a	0.966307293	-0.049446045	0.011937898	1.923072121	Serine/threonine-protein phosphatase 2A 65 kDa regulatory subunit A alpha isoform OS=Mus musculus GN=Ppp2r1a PE=1 SV=3
Q8BKZ9	Pdhx	1.090552829	0.125059659	0.012025064	1.919912611	Pyruvate dehydrogenase protein X component, mitochondrial OS=Mus musculus GN=Pdhx PE=1 SV=1
P97855	G3bp1	0.888916952	-0.169879455	0.012057783	1.918732543	Ras GTPase-activating protein-binding protein 1 OS=Mus musculus GN=G3bp1 PE=1 SV=1
P53395	Dbt	1.151169269	0.203099985	0.012120503	1.916479351	Lipoamide acyltransferase component of branched-chain alpha-keto acid dehydrogenase complex, mitochondrial OS=Mus musculus GN=Dbt PE=1 SV=2
P49813	Tmod1	1.260191147	0.33364258	0.012157645	1.915150538	Tropomodulin-1 OS=Mus musculus GN=Tmod1 PE=2 SV=2
P10126	Eef1a1	0.870216305	-0.200554046	0.012389458	1.906947679	Elongation factor 1-alpha 1 OS=Mus musculus GN=Eef1a1 PE=1 SV=3
O35643	Ap1b1	1.087439457	0.120935082	0.012407662	1.90631006	AP-1 complex subunit beta-1 OS=Mus musculus GN=Ap1b1 PE=2 SV=2
O70318	Epb41l2	1.120345913	0.163944241	0.012474993	1.903959688	Band 4.1-like protein 2 OS=Mus musculus GN=Epb41l2 PE=1 SV=2
P60824	Cirbp	1.091093848	0.125775197	0.012531078	1.90201156	Cold-inducible RNA-binding protein OS=Mus musculus GN=Cirbp PE=1 SV=1
O88343	Slc4a4	1.118072663	0.161013951	0.01254611	1.901490893	Electrogenic sodium bicarbonate cotransporter 1 OS=Mus musculus GN=Slc4a4 PE=1 SV=2
Q91YT0	Ndufv1	1.087799372	0.121412498	0.012647692	1.897988718	NADH dehydrogenase [ubiquinone] flavoprotein 1, mitochondrial OS=Mus musculus GN=Ndufv1 PE=1 SV=1
Q5U458	Dnajc11	1.139703329	0.188658331	0.01275669	1.894262014	DnaJ homolog subfamily C member 11 OS=Mus musculus GN=Dnajc11 PE=2 SV=2
Q8BWQ6		1.272966696	0.348194675	0.012855436	1.890913194	UPF0505 protein C16orf62 homolog OS=Mus musculus PE=2 SV=2
P60879	Snap25	1.148865519	0.200209933	0.012888678	1.889791629	Synaptosomal-associated protein 25 OS=Mus musculus GN=Snap25 PE=1 SV=1
P80314	Cct2	0.876850566	-0.189597097	0.012958674	1.887439449	T-complex protein 1 subunit beta OS=Mus musculus GN=Cct2 PE=1 SV=4
P23116	Eif3a	0.890234867	-0.167742088	0.013278146	1.876862566	Eukaryotic translation initiation factor 3 subunit A OS=Mus musculus GN=Eif3a PE=1 SV=5
P06745	Gpi	1.182826752	0.242238778	0.013353074	1.874418759	Glucose-6-phosphate isomerase OS=Mus musculus GN=Gpi PE=1 SV=4
Q80Y98-3	Ddhd2	1.160593792	0.214863117	0.013389626	1.873231567	Isoform 3 of Phospholipase DDHD2 OS=Mus musculus GN=Ddhd2
Q3TXS7	Psmd1	0.91484144	-0.128406377	0.013441902	1.871539272	26S proteasome non-ATPase regulatory subunit 1 OS=Mus musculus GN=Psmd1 PE=1 SV=1
P62908	Rps3	0.907412073	-0.14017024	0.013586686	1.866886451	40S ribosomal protein S3 OS=Mus musculus GN=Rps3 PE=1 SV=1
Q9R0N5	Syt5	1.182050798	0.241292036	0.013739843	1.862018237	Synaptotagmin-5 OS=Mus musculus GN=Syt5 PE=1 SV=1
P46097	Syt2	1.195448776	0.257552312	0.013755246	1.861531641	Synaptotagmin-2 OS=Mus musculus GN=Syt2 PE=1 SV=1
Q9D3D9	Atp5d	1.091459748	0.126258926	0.013763873	1.861259355	ATP synthase subunit delta, mitochondrial OS=Mus musculus GN=Atp5d PE=1 SV=1
P68040	Gnb2l1	0.900144066	-0.151772175	0.0138226	1.859410247	Guanine nucleotide-binding protein subunit beta-2-like 1 OS=Mus musculus GN=Gnb2l1 PE=1 SV=3
Q9WUQ2	Preb	1.125929957	0.171117082	0.014017187	1.853339137	Prolactin regulatory element-binding protein OS=Mus musculus GN=Preb PE=1 SV=1
P11983-2	Tcp1	0.885918713	-0.174753763	0.014112189	1.850405608	Isoform 2 of T-complex protein 1 subunit alpha OS=Mus musculus GN=Tcp1
Q61543	Glg1	0.911743582	-0.133299956	0.014113946	1.850351556	Golgi apparatus protein 1 OS=Mus musculus GN=Glg1 PE=1 SV=1
Q922B2	Dars	0.938325237	-0.091840026	0.014613961	1.835232064	Aspartate--tRNA ligase, cytoplasmic OS=Mus musculus GN=Dars PE=2 SV=2
Q99KP6	Prpf19	0.877485735	-0.188552422	0.014695883	1.832804317	Pre-mRNA-processing factor 19 OS=Mus musculus GN=Prpf19 PE=1 SV=1
P80318	Cct3	0.939675345	-0.089765699	0.014774454	1.830488547	T-complex protein 1 subunit gamma OS=Mus musculus GN=Cct3 PE=1 SV=1
Q8BGZ1	Hpcal4	1.09625714	0.132586239	0.014777137	1.830409695	Hippocalcin-like protein 4 OS=Mus musculus GN=Hpcal4 PE=2 SV=3
Q68FL4	Ahcyl2	1.059049287	0.082769732	0.014814044	1.829326373	Putative adenosylhomocysteinase 3 OS=Mus musculus GN=Ahcyl2 PE=1 SV=1
Q99KI0	Aco2	1.105768973	0.145049997	0.01487364	1.827582728	Aconitate hydratase, mitochondrial OS=Mus musculus GN=Aco2 PE=1 SV=1
Q80UG5	Sept9	1.075252911	0.104676037	0.014888447	1.827150596	Septin-9 OS=Mus musculus GN=Sept9 PE=1 SV=1
P51807	Dynlt1	0.756873756	-0.401875411	0.014899038	1.826841763	Dynein light chain Tctex-type 1 OS=Mus musculus GN=Dynlt1 PE=1 SV=1
Q8BYR5-3	Cadps2	1.087480818	0.120989953	0.014948232	1.825410166	Isoform 3 of Calcium-dependent secretion activator 2 OS=Mus musculus GN=Cadps2
Q80UG5-2	Sept9	1.070592851	0.098409924	0.015017073	1.823414721	Isoform 2 of Septin-9 OS=Mus musculus GN=Sept9
O08989	Mras	1.109218757	0.149543918	0.015028338	1.823089048	Ras-related protein M-Ras OS=Mus musculus GN=Mras PE=1 SV=1
Q91VN4	Chchd6	1.051281459	0.072148973	0.015161631	1.819254089	Coiled-coil-helix-coiled-coil-helix domain-containing protein 6, mitochondrial OS=Mus musculus GN=Chchd6 PE=2 SV=2
Q9DC69	Ndufa9	1.132390431	0.179371463	0.015185427	1.818573003	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 9, mitochondrial OS=Mus musculus GN=Ndufa9 PE=1 SV=2
Q9QYB8-2	Add2	1.098211829	0.135156356	0.015255124	1.816584263	Isoform 2 of Beta-adducin OS=Mus musculus GN=Add2
P62313	Lsm6	1.137528899	0.185903197	0.01527078	1.816138771	U6 snRNA-associated Sm-like protein LSm6 OS=Mus musculus GN=Lsm6 PE=3 SV=1
Q921F2	Tardbp	0.898682582	-0.154116455	0.015461997	1.810734422	TAR DNA-binding protein 43 OS=Mus musculus GN=Tardbp PE=1 SV=1
Q8R3G1	Ppp1r8	0.778843859	-0.360593966	0.015772084	1.802110932	Nuclear inhibitor of protein phosphatase 1 OS=Mus musculus GN=Ppp1r8 PE=1 SV=1
Q8K1Z0	Coq9	1.185965907	0.246062537	0.015793305	1.801526968	Ubiquinone biosynthesis protein COQ9, mitochondrial OS=Mus musculus GN=Coq9 PE=1 SV=1
P12787	Cox5a	1.149429682	0.20091821	0.015871594	1.799379453	Cytochrome c oxidase subunit 5A, mitochondrial OS=Mus musculus GN=Cox5a PE=1 SV=2
Q8CC35-3	Synpo	1.11809146	0.161038206	0.015977309	1.796496364	Isoform 3 of Synaptopodin OS=Mus musculus GN=Synpo
P0DI97	Nrxn1	0.869982503	-0.200941709	0.016136861	1.792180939	Neurexin-1-beta OS=Mus musculus GN=Nrxn1 PE=1 SV=1
Q99KV1	Dnajb11	0.891317394	-0.165988835	0.016178935	1.791050061	DnaJ homolog subfamily B member 11 OS=Mus musculus GN=Dnajb11 PE=1 SV=1
Q9WV54	Asah1	1.233947957	0.303281549	0.016247026	1.789226117	Acid ceramidase OS=Mus musculus GN=Asah1 PE=1 SV=1
O70172	Pip4k2a	1.084567952	0.117120445	0.016259746	1.788886234	Phosphatidylinositol 5-phosphate 4-kinase type-2 alpha OS=Mus musculus GN=Pip4k2a PE=1 SV=1
Q9D051	Pdhb	1.043741559	0.06176453	0.01642247	1.784561532	Pyruvate dehydrogenase E1 component subunit beta, mitochondrial OS=Mus musculus GN=Pdhb PE=1 SV=1
Q9CR21	Ndufab1	1.239862286	0.310179886	0.016466352	1.783402592	Acyl carrier protein, mitochondrial OS=Mus musculus GN=Ndufab1 PE=1 SV=1
Q8BIQ5-2	Cstf2	1.177737352	0.236017839	0.016623652	1.779273555	Isoform 2 of Cleavage stimulation factor subunit 2 OS=Mus musculus GN=Cstf2
P47708	Rph3a	1.110048753	0.150623041	0.016644398	1.778731904	Rabphilin-3A OS=Mus musculus GN=Rph3a PE=1 SV=2
Q8C8R3	Ank2	1.050832737	0.071533052	0.016696027	1.777386855	Ankyrin-2 OS=Mus musculus GN=Ank2 PE=1 SV=2
O35465	Fkbp8	0.884736556	-0.176680161	0.016807371	1.774500218	Peptidyl-prolyl cis-trans isomerase FKBP8 OS=Mus musculus GN=Fkbp8 PE=1 SV=2
Q68ED7	Crtc1	1.281822223	0.358196187	0.016842506	1.773593297	CREB-regulated transcription coactivator 1 OS=Mus musculus GN=Crtc1 PE=2 SV=1
Q8BSQ9	Pbrm1	0.625335393	-0.677297921	0.016888336	1.772413133	Protein polybromo-1 OS=Mus musculus GN=Pbrm1 PE=1 SV=4
Q9D6S7	Mrrf	1.10664823	0.146196706	0.016940818	1.771065615	Ribosome-recycling factor, mitochondrial OS=Mus musculus GN=Mrrf PE=1 SV=1
P97370	Atp1b3	1.107422112	0.147205233	0.017081834	1.7674655	Sodium/potassium-transporting ATPase subunit beta-3 OS=Mus musculus GN=Atp1b3 PE=1 SV=1
P47740	Aldh3a2	1.142496231	0.192189406	0.017183111	1.764898203	Fatty aldehyde dehydrogenase OS=Mus musculus GN=Aldh3a2 PE=2 SV=2
Q61220	Nell2	1.258275766	0.33144814	0.017197602	1.764532101	Protein kinase C-binding protein NELL2 OS=Mus musculus GN=Nell2 PE=2 SV=3
Q8CGC7	Eprs	0.931441524	-0.102462896	0.017271918	1.762659439	Bifunctional glutamate/proline--tRNA ligase OS=Mus musculus GN=Eprs PE=1 SV=4
Q6NVF9	Cpsf6	1.17963159	0.238336362	0.01731537	1.761568214	Cleavage and polyadenylation specificity factor subunit 6 OS=Mus musculus GN=Cpsf6 PE=2 SV=1
Q9WV92-8	Epb41l3	1.179388615	0.238039173	0.017346708	1.760782943	Isoform 8 of Band 4.1-like protein 3 OS=Mus musculus GN=Epb41l3
Q80UP3	Dgkz	1.224531957	0.292230424	0.017395571	1.759561317	Diacylglycerol kinase zeta OS=Mus musculus GN=Dgkz PE=1 SV=2
Q9WV92-3	Epb41l3	1.180949291	0.239947018	0.017428376	1.758743086	Isoform 3 of Band 4.1-like protein 3 OS=Mus musculus GN=Epb41l3
O35678	Mgll	1.141059028	0.190373425	0.017452881	1.758132882	Monoglyceride lipase OS=Mus musculus GN=Mgll PE=1 SV=1
P47962	Rpl5	0.892101995	-0.16471943	0.017559496	1.755487953	60S ribosomal protein L5 OS=Mus musculus GN=Rpl5 PE=1 SV=3
Q8BGQ7	Aars	0.936951705	-0.093953408	0.017581172	1.754952176	Alanine--tRNA ligase, cytoplasmic OS=Mus musculus GN=Aars PE=1 SV=1
P33173	Kif1a	1.080814931	0.112119509	0.017830141	1.74884523	Kinesin-like protein KIF1A OS=Mus musculus GN=Kif1a PE=1 SV=2
Q921I1	Tf	0.855368501	-0.225382015	0.017860771	1.748099802	Serotransferrin OS=Mus musculus GN=Tf PE=1 SV=1
Q62446	Fkbp3	0.851029039	-0.232719734	0.017964209	1.745591897	Peptidyl-prolyl cis-trans isomerase FKBP3 OS=Mus musculus GN=Fkbp3 PE=1 SV=2
Q9R1C7	Prpf40a	1.322846337	0.403645487	0.017964375	1.745587878	Pre-mRNA-processing factor 40 homolog A OS=Mus musculus GN=Prpf40a PE=1 SV=1
Q91Z96	Bmp2k	1.172728916	0.229869563	0.018261545	1.738462475	BMP-2-inducible protein kinase OS=Mus musculus GN=Bmp2k PE=1 SV=1

Accession	Gene	Fold Change (KO vs. WT)	Log2 Fold Change	Students T Test	-Log10 T Test	Description
Q9D415-3	Dlgap1	1.181522789	0.240647456	0.018341899	1.736555692	Isoform 3 of Disks large-associated protein 1 OS=Mus musculus GN=Dlgap1
Q9CZR8	Tsfm	1.108731509	0.148910044	0.018581937	1.730909012	Elongation factor Ts, mitochondrial OS=Mus musculus GN=Tsfm PE=1 SV=1
Q9WVC2-2	Lynx1	1.073392699	0.102177981	0.018589177	1.73073983	Isoform 2 of Ly-6/neurotoxin-like protein 1 OS=Mus musculus GN=Lynx1
Q9CQ62	Decr1	1.226608361	0.294674691	0.018593413	1.730640887	2,4-dienoyl-CoA reductase, mitochondrial OS=Mus musculus GN=Decr1 PE=1 SV=1
O08917	Flot1	1.096494473	0.13289854	0.01862837	1.729825137	Flotillin-1 OS=Mus musculus GN=Flot1 PE=1 SV=1
Q6ZPE2	Sbf1	1.090947849	0.125582138	0.018883748	1.72391181	Myotubularin-related protein 5 OS=Mus musculus GN=Sbf1 PE=1 SV=2
Q8R2Q0	Trim29	1.562222715	0.643600143	0.019076251	1.71950697	Tripartite motif-containing protein 29 OS=Mus musculus GN=Trim29 PE=2 SV=1
Q8VCT3	Rnpep	1.174355737	0.231869497	0.019142527	1.718000735	Aminopeptidase B OS=Mus musculus GN=Rnpep PE=2 SV=2
O35660	Gstm6	1.119131075	0.162379018	0.019394282	1.712326288	Glutathione S-transferase Mu 6 OS=Mus musculus GN=Gstm6 PE=2 SV=3
Q8BIQ5	Cstf2	1.157515281	0.21103124	0.019422564	1.711693444	Cleavage stimulation factor subunit 2 OS=Mus musculus GN=Cstf2 PE=1 SV=2
Q811D0-3	Dlg1	1.135098327	0.182817275	0.019439018	1.711325669	Isoform 3 of Disks large homolog 1 OS=Mus musculus GN=Dlg1
Q61481-2	Pde1a	1.116869818	0.159461036	0.019485827	1.710281152	Isoform PDE1A1 of Calcium/calmodulin-dependent 3',5'-cyclic nucleotide phosphodiesterase 1A OS=Mus musculus GN=Pde1a
Q8CAQ8-4	Immt	1.128196864	0.174018831	0.019497661	1.710017495	Isoform 4 of Mitochondrial inner membrane protein OS=Mus musculus GN=Immt
Q9D2N9	Vps33a	0.89263397	-0.163859383	0.019597127	1.707807597	Vacuolar protein sorting-associated protein 33A OS=Mus musculus GN=Vps33a PE=1 SV=2
P63323	Rps12	0.880268903	-0.183983791	0.019696265	1.705616118	40S ribosomal protein S12 OS=Mus musculus GN=Rps12 PE=1 SV=2
Q9JKC6	Cend1	1.228068034	0.296390487	0.019716343	1.705173629	Cell cycle exit and neuronal differentiation protein 1 OS=Mus musculus GN=Cend1 PE=1 SV=1
Q9WVV92-5	Epb41l3	1.177952684	0.23628159	0.019720239	1.705087822	Isoform 5 of Band 4.1-like protein 3 OS=Mus musculus GN=Epb41l3
Q9QYA2	Tomm40	1.107722233	0.147596163	0.019823965	1.702809483	Mitochondrial import receptor subunit TOM40 homolog OS=Mus musculus GN=Tomm40 PE=1 SV=3
Q9D0G0	Mrps30	1.170834972	0.227537744	0.019827543	1.702731099	28S ribosomal protein S30, mitochondrial OS=Mus musculus GN=Mrps30 PE=2 SV=1
Q9CQC7	Ndufb4	1.168851572	0.225091739	0.019886114	1.70145007	NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 4 OS=Mus musculus GN=Ndufb4 PE=1 SV=3
Q78PY7	Snd1	0.914565866	-0.128841019	0.0199864	1.699265434	Staphylococcal nuclease domain-containing protein 1 OS=Mus musculus GN=Snd1 PE=1 SV=1
Q791V5	Mtch2	1.324627504	0.40558672	0.020021035	1.698513476	Mitochondrial carrier homolog 2 OS=Mus musculus GN=Mtch2 PE=1 SV=1
Q61390	Cct6b	0.811192458	-0.301883856	0.020072738	1.697393373	T-complex protein 1 subunit zeta-2 OS=Mus musculus GN=Cct6b PE=2 SV=4
P63325	Rps10	0.8359632	-0.25848866	0.02024025	1.693784138	40S ribosomal protein S10 OS=Mus musculus GN=Rps10 PE=1 SV=1
Q8CIB5	Fermt2	1.075444155	0.104932611	0.0203473	1.691493209	Fermitin family homolog 2 OS=Mus musculus GN=Fermt2 PE=1 SV=1
O70435	Psma3	0.901852467	-0.149036651	0.020349354	1.691449384	Proteasome subunit alpha type-3 OS=Mus musculus GN=Psma3 PE=1 SV=3
Q6NS60	Fbxo41	1.195355333	0.257439539	0.020533476	1.68753752	F-box only protein 41 OS=Mus musculus GN=Fbxo41 PE=1 SV=3
Q8VBT9-3	Aspscr1	0.810126049	-0.303781697	0.020565645	1.68685767	Isoform 3 of Tether containing UBX domain for GLUT4 OS=Mus musculus GN=Aspscr1
Q62084	Ppp1r14b	0.549859915	-0.862863978	0.020594504	1.686248661	Protein phosphatase 1 regulatory subunit 14B OS=Mus musculus GN=Ppp1r14b PE=1 SV=2
Q63912	Omg	1.157588112	0.211122011	0.020655254	1.684969452	Oligodendrocyte-myelin glycoprotein OS=Mus musculus GN=Omg PE=1 SV=1
Q9R111	Gda	1.035341454	0.050106645	0.020677714	1.684497486	Guanine deaminase OS=Mus musculus GN=Gda PE=1 SV=1
Q8C080	Snx16	0.804864971	-0.313181326	0.020690582	1.684227302	Sorting nexin-16 OS=Mus musculus GN=Snx16 PE=1 SV=2
O08759	Ube3a	0.881449821	-0.182049653	0.020759809	1.682776651	Ubiquitin-protein ligase E3A OS=Mus musculus GN=Ube3a PE=1 SV=1
Q9Z2Y3-3	Homer1	1.104199407	0.143000731	0.020764269	1.682683347	Isoform 3 of Homer protein homolog 1 OS=Mus musculus GN=Homer1
Q8BFR5-2	Tufm	1.066354611	0.09268728	0.020775519	1.682448123	Isoform 2 of Elongation factor Tu, mitochondrial OS=Mus musculus GN=Tufm
Q9WVR4	Fxr2	0.686569684	-0.542521939	0.02077936	1.682367831	Fragile X mental retardation syndrome-related protein 2 OS=Mus musculus GN=Fxr2 PE=1 SV=1
P58389	Ppp2r4	1.105758137	0.145035858	0.020899158	1.679871207	Serine/threonine-protein phosphatase 2A activator OS=Mus musculus GN=Ppp2r4 PE=1 SV=1
Q64152-2	Btf3	1.124707815	0.169550256	0.020909751	1.679651143	Isoform 2 of Transcription factor BTF3 OS=Mus musculus GN=Btf3
Q64152	Btf3	1.124707815	0.169550256	0.020909751	1.679651143	Transcription factor BTF3 OS=Mus musculus GN=Btf3 PE=1 SV=3
Q4KMM3-4	Oxr1	1.132425323	0.179415916	0.020919692	1.679444712	Isoform 4 of Oxidation resistance protein 1 OS=Mus musculus GN=Oxr1
Q3TMH2	Scrn3	1.103132209	0.141605706	0.020961524	1.678577136	Secernin-3 OS=Mus musculus GN=Scrn3 PE=1 SV=1
P11627	L1cam	0.927606118	-0.10841576	0.021016545	1.677438669	Neural cell adhesion molecule L1 OS=Mus musculus GN=L1cam PE=1 SV=1
Q9CZU6	Cs	1.081254982	0.11270678	0.02105682	1.676607222	Citrate synthase, mitochondrial OS=Mus musculus GN=Cs PE=1 SV=1
P09411	Pgk1	1.083956949	0.116307459	0.021073468	1.67626399	Phosphoglycerate kinase 1 OS=Mus musculus GN=Pgk1 PE=1 SV=4
Q7TMK9	Syncrip	0.903921412	-0.145730747	0.021159461	1.674495398	Heterogeneous nuclear ribonucleoprotein Q OS=Mus musculus GN=Syncrip PE=1 SV=2
Q8QZY1	Eif3l	0.888832161	-0.170017076	0.021171582	1.674246698	Eukaryotic translation initiation factor 3 subunit L OS=Mus musculus GN=Eif3l PE=1 SV=1
Q9CQJ6	Cotl1	1.077898955	0.108221943	0.021289706	1.671830339	Coactosin-like protein OS=Mus musculus GN=Cotl1 PE=1 SV=3
Q8BGY2	Eif5a2	0.888204369	-0.171036427	0.021331043	1.670987908	Eukaryotic translation initiation factor 5A-2 OS=Mus musculus GN=Eif5a2 PE=2 SV=3
Q80UU9	Pgrmc2	0.825898313	-0.27596393	0.021362204	1.670353933	Membrane-associated progesterone receptor component 2 OS=Mus musculus GN=Pgrmc2 PE=1 SV=2
Q9CQ89	Cuta	1.112984801	0.154433891	0.021469337	1.668181368	Protein CutA OS=Mus musculus GN=Cuta PE=2 SV=3
Q06890	Clu	1.08755409	0.121087155	0.021473767	1.668091774	Clusterin OS=Mus musculus GN=Clu PE=1 SV=1
Q99N96	Mrpl1	0.927939452	-0.107897422	0.021521038	1.667136789	39S ribosomal protein L1, mitochondrial OS=Mus musculus GN=Mrpl1 PE=1 SV=2
P42932	Cct8	0.897305428	-0.156328957	0.021563437	1.666282016	T-complex protein 1 subunit theta OS=Mus musculus GN=Cct8 PE=1 SV=3
P53810	Pitpna	1.059825056	0.08382614	0.021779189	1.661958304	Phosphatidylinositol transfer protein alpha isoform OS=Mus musculus GN=Pitpna PE=1 SV=2
Q9CXW4	Rpl11	0.87428027	-0.193832252	0.021907432	1.65940853	60S ribosomal protein L11 OS=Mus musculus GN=Rpl11 PE=1 SV=4
P22723	Gabrg2	1.128595595	0.174528624	0.022088602	1.655831777	Gamma-aminobutyric acid receptor subunit gamma-2 OS=Mus musculus GN=Gabrg2 PE=1 SV=3
P17426-2	Ap2a1	1.067354255	0.094039087	0.022107149	1.655467257	Isoform B of AP-2 complex subunit alpha-1 OS=Mus musculus GN=Ap2a1
P85094	Isoc2a	0.8967485	-0.157224667	0.022142312	1.65477704	Isochorismatase domain-containing protein 2A, mitochondrial OS=Mus musculus GN=Isoc2a PE=1 SV=1
D3Z7P3-2	Gls	1.122736854	0.16701983	0.022380507	1.650130074	Isoform 2 of Glutaminase kidney isoform, mitochondrial OS=Mus musculus GN=Gls
Q8C8R3-2	Ank2	1.047556493	0.067028048	0.022391226	1.64992213	Isoform 2 of Ankyrin-2 OS=Mus musculus GN=Ank2
P17426	Ap2a1	1.067336158	0.094014625	0.02244902	1.648802619	AP-2 complex subunit alpha-1 OS=Mus musculus GN=Ap2a1 PE=1 SV=1
Q8BTF8	Ralyl	1.185527132	0.24552868	0.022529546	1.647247559	RNA-binding Raly-like protein OS=Mus musculus GN=Ralyl PE=2 SV=1
P48036	Anxa5	1.077582707	0.107798603	0.022614266	1.645617505	Annexin A5 OS=Mus musculus GN=Anxa5 PE=1 SV=1
Q61699	Hsph1	0.913621471	-0.130331539	0.022621025	1.645487715	Heat shock protein 105 kDa OS=Mus musculus GN=Hsph1 PE=1 SV=2
Q7TN29	Smap2	1.129120504	0.175199465	0.022633335	1.64525144	Stromal membrane-associated protein 2 OS=Mus musculus GN=Smap2 PE=1 SV=1
P80313	Cct7	0.904157914	-0.145353328	0.022766508	1.642703584	T-complex protein 1 subunit eta OS=Mus musculus GN=Cct7 PE=1 SV=1
Q9DBJ1	Pgam1	1.096222106	0.132540133	0.022770096	1.64263514	Phosphoglycerate mutase 1 OS=Mus musculus GN=Pgam1 PE=1 SV=3
Q91Z61	Diras1	0.880955816	-0.182858432	0.023057362	1.637190377	GTP-binding protein Di-Ras1 OS=Mus musculus GN=Diras1 PE=2 SV=1
Q61171	Prdx2	0.90512141	-0.143816772	0.023074342	1.63687067	Peroxiredoxin-2 OS=Mus musculus GN=Prdx2 PE=1 SV=3
Q9EP89	Lactb	1.138567074	0.187219285	0.023157977	1.635299391	Serine beta-lactamase-like protein LACTB, mitochondrial OS=Mus musculus GN=Lactb PE=1 SV=1
Q8R0A7	Kiaa0513	1.119113334	0.162356148	0.023200786	1.634497307	Uncharacterized protein KIAA0513 OS=Mus musculus GN=Kiaa0513 PE=2 SV=1
P46460	Nsf	1.077785053	0.108069484	0.02322648	1.634016602	Vesicle-fusing ATPase OS=Mus musculus GN=Nsf PE=1 SV=2
O88990	Actn3	1.151538334	0.203562438	0.02340012	1.630781922	Alpha-actinin-3 OS=Mus musculus GN=Actn3 PE=2 SV=1
Q9WVE8	Pacsin2	1.20889434	0.273688156	0.0234244	1.630331519	Protein kinase C and casein kinase substrate in neurons protein 2 OS=Mus musculus GN=Pacsin2 PE=1 SV=1
P20108	Prdx3	1.078657496	0.109236842	0.023450565	1.629846689	Thioredoxin-dependent peroxide reductase, mitochondrial OS=Mus musculus GN=Prdx3 PE=1 SV=1
Q9QYB5	Add3	1.243596839	0.314518855	0.023451498	1.629829408	Gamma-adducin OS=Mus musculus GN=Add3 PE=1 SV=2
P27546-3	Map4	0.95278781	-0.06977314	0.023468276	1.629518806	Isoform 3 of Microtubule-associated protein 4 OS=Mus musculus GN=Map4
P63024	Vamp3	1.093017991	0.128317148	0.02350456	1.628847878	Vesicle-associated membrane protein 3 OS=Mus musculus GN=Vamp3 PE=1 SV=1
P27546	Map4	0.95263787	-0.070000193	0.02354702	1.628064041	Microtubule-associated protein 4 OS=Mus musculus GN=Map4 PE=1 SV=3
Q7TNC4-3	Luc7l2	0.840522528	-0.250641608	0.023678378	1.625648044	Isoform 3 of Putative RNA-binding protein Luc7-like 2 OS=Mus musculus GN=Luc7l2
P61255	Rpl26	0.86203823	-0.214176242	0.023832605	1.622828493	60S ribosomal protein L26 OS=Mus musculus GN=Rpl26 PE=1 SV=1
Q8C7X2	Emc1	0.856481751	-0.223505588	0.023861698	1.622298655	ER membrane protein complex subunit 1 OS=Mus musculus GN=Emc1 PE=1 SV=1
A2ALS5-4	Rap1gap	1.156184329	0.209371423	0.023955014	1.620603565	Isoform 4 of Rap1 GTPase-activating protein 1 OS=Mus musculus GN=Rap1gap
Q9Z224	Mocs2	0.825515461	-0.276632859	0.024069106	1.618540049	Molybdopterin synthase sulfur carrier subunit OS=Mus musculus GN=Mocs2 PE=2 SV=1
O88343-2	Slc4a4	1.106724685	0.146296374	0.024219994	1.615825974	Isoform 2 of Electrogenic sodium bicarbonate cotransporter 1 OS=Mus musculus GN=Slc4a4
Q9CZ30	Ola1	0.935859821	-0.095635645	0.024273858	1.6148612	Obg-like ATPase 1 OS=Mus musculus GN=Ola1 PE=1 SV=1
P26516	Psmd7	0.909694014	-0.136546734	0.024370122	1.613142303	26S proteasome non-ATPase regulatory subunit 7 OS=Mus musculus GN=Psmd7 PE=1 SV=2
Q811I0	Atpaf1	1.261264498	0.334870853	0.024400999	1.612592387	ATP synthase mitochondrial F1 complex assembly factor 1 OS=Mus musculus GN=Atpaf1 PE=2 SV=1
Q9JM13	Rabgef1	1.110494593	0.151202368	0.024858606	1.604523229	Rab5 GDP/GTP exchange factor OS=Mus musculus GN=Rabgef1 PE=1 SV=1
Q9R0Y5	Ak1	1.049031587	0.069058119	0.024925117	1.603362797	Adenylate kinase isoenzyme 1 OS=Mus musculus GN=Ak1 PE=1 SV=1
P43024	Cox6a1	1.329178166	0.4105345	0.025067402	1.600890669	Cytochrome c oxidase subunit 6A1, mitochondrial OS=Mus musculus GN=Cox6a1 PE=1 SV=2
D3YZU1	Shank1	1.227214349	0.295387257	0.02514443	1.59955821	SH3 and multiple ankyrin repeat domains protein 1 OS=Mus musculus GN=Shank1 PE=1 SV=1
Q8BWF0	Aldh5a1	1.108602538	0.148742215	0.025183573	1.598882647	Succinate-semialdehyde dehydrogenase, mitochondrial OS=Mus musculus GN=Aldh5a1 PE=1 SV=1
Q9JJZ2	Tuba8	0.905696513	-0.142900391	0.025223258	1.598198811	Tubulin alpha-8 chain OS=Mus musculus GN=Tuba8 PE=1 SV=1
P40142	Tkt	0.928804504	-0.106553127	0.025257608	1.597607787	Transketolase OS=Mus musculus GN=Tkt PE=1 SV=1
Q8C078	Camkk2	1.117570138	0.160365377	0.025283925	1.597155512	Calcium/calmodulin-dependent protein kinase kinase 2 OS=Mus musculus GN=Camkk2 PE=1 SV=2
Q91WJ8	Fubp1	1.102152303	0.140323599	0.025322894	1.596486661	Far upstream element-binding protein 1 OS=Mus musculus GN=Fubp1 PE=1 SV=1
P30416	Fkbp4	0.90417894	-0.145319781	0.025340854	1.59617875	Peptidyl-prolyl cis-trans isomerase FKBP4 OS=Mus musculus GN=Fkbp4 PE=1 SV=5
P11983	Tcp1	0.889496004	-0.16893997	0.025373786	1.595614719	T-complex protein 1 subunit alpha OS=Mus musculus GN=Tcp1 PE=1 SV=3
Q8K012	Fnbp1l	0.873887435	-0.194480637	0.025594349	1.591855909	Formin-binding protein 1-like OS=Mus musculus GN=Fnbp1l PE=1 SV=2
Q9D0M3	Cyc1	1.145529032	0.196014022	0.025651275	1.590891045	Cytochrome c1, heme protein, mitochondrial OS=Mus musculus GN=Cyc1 PE=1 SV=1
P48962	Slc25a4	1.107139566	0.146837099	0.025805482	1.588288025	ADP/ATP translocase 1 OS=Mus musculus GN=Slc25a4 PE=1 SV=4
Q4FZG7	Timm8a2	1.184282722	0.244013534	0.025973129	1.585475732	Putative mitochondrial import inner membrane translocase subunit Tim8 A-B OS=Mus musculus GN=Timm8a2 PE=3 SV=1
P14148	Rpl7	0.915511954	-0.127349371	0.026070756	1.58384637	60S ribosomal protein L7 OS=Mus musculus GN=Rpl7 PE=1 SV=2
Q9QWY8-3	Asap1	1.094735263	0.130582029	0.026151202	1.582508353	Isoform 3 of Arf-GAP with SH3 domain, ANK repeat and PH domain-containing protein 1 OS=Mus musculus GN=Asap1
P35438	Grin1	1.265173173	0.33933487	0.026241856	1.581005459	Glutamate receptor ionotropic, NMDA 1 OS=Mus musculus GN=Grin1 PE=1 SV=1
P26443	Glud1	1.053328288	0.074955147	0.026517553	1.576466547	Glutamate dehydrogenase 1, mitochondrial OS=Mus musculus GN=Glud1 PE=1 SV=1
Q7TMK9-2	Syncrip	0.906923312	-0.140947531	0.026856328	1.570953368	Isoform 2 of Heterogeneous nuclear ribonucleoprotein Q OS=Mus musculus GN=Syncrip
O09172	Gclm	1.271232471	0.34622788	0.026884406	1.57049955	Glutamate--cysteine ligase regulatory subunit OS=Mus musculus GN=Gclm PE=2 SV=1
P49312-2	Hnrnpa1	0.856582894	-0.223335228	0.026983163	1.568907136	Isoform Short of Heterogeneous nuclear ribonucleoprotein A1 OS=Mus musculus GN=Hnrnpa1
Q9CQ91	Ndufa3	1.130839932	0.177394733	0.027111309	1.566849511	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 3 OS=Mus musculus GN=Ndufa3 PE=1 SV=1
Q64314	Cd34	1.266841835	0.341236415	0.027199301	1.565442251	Hematopoietic progenitor cell antigen CD34 OS=Mus musculus GN=Cd34 PE=1 SV=1
Q61036	Pak3	1.070686838	0.098536573	0.027213116	1.565221727	Serine/threonine-protein kinase PAK 3 OS=Mus musculus GN=Pak3 PE=1 SV=2
Q9R0N7	Syt7	1.132519527	0.179535925	0.027281559	1.564130815	Synaptotagmin-7 OS=Mus musculus GN=Syt7 PE=1 SV=1
Q9Z1G3	Atp6v1c1	1.081886857	0.113549631	0.027468559	1.561164128	V-type proton ATPase subunit C 1 OS=Mus musculus GN=Atp6v1c1 PE=1 SV=4
Q9CQ92	Fis1	1.111254886	0.152189762	0.027473865	1.56108024	Mitochondrial fission 1 protein OS=Mus musculus GN=Fis1 PE=1 SV=1
P05214	Tuba3a	0.906257394	-0.142007234	0.027540453	1.560028914	Tubulin alpha-3 chain OS=Mus musculus GN=Tuba3a PE=1 SV=1

Accession	Gene	Fold Change (KO vs. WT)	Log2 Fold Change	Students T Test	-Log10 T Test	Description
O35857	Timm44	1.092497269	0.127629673	0.027654541	1.558233542	Mitochondrial import inner membrane translocase subunit TIM44 OS=Mus musculus GN=Timm44 PE=1 SV=2
P03893	Mtnd2	1.5646912	0.645877962	0.027661213	1.558128775	NADH-ubiquinone oxidoreductase chain 2 OS=Mus musculus GN=Mtnd2 PE=1 SV=1
P19639	Gstm3	1.141454701	0.190873607	0.027699524	1.557527701	Glutathione S-transferase Mu 3 OS=Mus musculus GN=Gstm3 PE=1 SV=2
Q3TXX4	Slc17a7	1.372261387	0.456555311	0.027787025	1.556157947	Vesicular glutamate transporter 1 OS=Mus musculus GN=Slc17a7 PE=1 SV=2
Q99PG2	Ogfr	0.812871549	-0.298900701	0.028065038	1.551834369	Opioid growth factor receptor OS=Mus musculus GN=Ogfr PE=2 SV=1
Q9Z2Q6	Sept5	1.21513648	0.281118361	0.028110339	1.55113392	Septin-5 OS=Mus musculus GN=Sept5 PE=1 SV=2
Q9R226	Khdrbs3	0.901866055	-0.149014914	0.028254349	1.548914695	KH domain-containing, RNA-binding, signal transduction-associated protein 3 OS=Mus musculus GN=Khdrbs3 PE=1 SV=1
Q8CHC4	Synj1	1.072339813	0.100762153	0.02850387	1.545096176	Synaptojanin-1 OS=Mus musculus GN=Synj1 PE=1 SV=3
P70663	Sparcl1	0.845560886	-0.242019452	0.028519066	1.544864709	SPARC-like protein 1 OS=Mus musculus GN=Sparcl1 PE=2 SV=3
P62897	Cycs	1.178394435	0.236822523	0.028872493	1.539515717	Cytochrome c, somatic OS=Mus musculus GN=Cycs PE=1 SV=2
Q9WUK2	Eif4h	1.063335754	0.088597208	0.028998408	1.537625848	Eukaryotic translation initiation factor 4H OS=Mus musculus GN=Eif4h PE=1 SV=3
O35098	Dpysl4	0.948112745	-0.076869467	0.029206866	1.534515042	Dihydropyrimidinase-related protein 4 OS=Mus musculus GN=Dpysl4 PE=1 SV=1
O35098-2	Dpysl4	0.948112745	-0.076869467	0.029206866	1.534515042	Isoform 2 of Dihydropyrimidinase-related protein 4 OS=Mus musculus GN=Dpysl4
Q64467	Gapdhs	1.12039186	0.164003407	0.029741596	1.526635735	Glyceraldehyde-3-phosphate dehydrogenase, testis-specific OS=Mus musculus GN=Gapdhs PE=2 SV=1
P23506	Pcmt1	1.092101731	0.127107252	0.029830877	1.525333974	Protein-L-isoaspartate(D-aspartate) O-methyltransferase OS=Mus musculus GN=Pcmt1 PE=1 SV=3
Q8BNY6	Ncs1	1.298518601	0.376866681	0.029998147	1.522905572	Neuronal calcium sensor 1 OS=Mus musculus GN=Ncs1 PE=2 SV=3
P24472	Gsta4	1.216497477	0.282733329	0.030219022	1.519719595	Glutathione S-transferase A4 OS=Mus musculus GN=Gsta4 PE=1 SV=3
P61226	Rap2b	1.078332725	0.108802398	0.030337633	1.518018304	Ras-related protein Rap-2b OS=Mus musculus GN=Rap2b PE=1 SV=1
A2ALS5-3	Rap1gap	1.145151206	0.195538105	0.03046749	1.51616333	Isoform 3 of Rap1 GTPase-activating protein 1 OS=Mus musculus GN=Rap1gap
Q99LD9	Eif2b2	1.080527447	0.111735719	0.030675463	1.513208874	Translation initiation factor eIF-2B subunit beta OS=Mus musculus GN=Eif2b2 PE=2 SV=1
Q62241	Snrpc	0.881208971	-0.182443913	0.031201621	1.505822846	U1 small nuclear ribonucleoprotein C OS=Mus musculus GN=Snrpc PE=2 SV=1
Q921H8	Acaa1a	0.909843636	-0.136309467	0.031738773	1.498409868	3-ketoacyl-CoA thiolase A, peroxisomal OS=Mus musculus GN=Acaa1a PE=1 SV=1
Q62426	Cstb	1.112139104	0.153337248	0.031770741	1.49797265	Cystatin-B OS=Mus musculus GN=Cstb PE=1 SV=1
P70677	Casp3	0.626226902	-0.675242608	0.031861982	1.496727214	Caspase-3 OS=Mus musculus GN=Casp3 PE=1 SV=1
Q921F4	Hnrnpll	0.946728498	-0.078977345	0.032878833	1.483083605	Heterogeneous nuclear ribonucleoprotein L-like OS=Mus musculus GN=Hnrnpll PE=1 SV=3
Q9D1D4-2	Tmed10	0.896152255	-0.15818423	0.033122486	1.479877079	Isoform 2 of Transmembrane emp24 domain-containing protein 10 OS=Mus musculus GN=Tmed10
Q62448	Eif4g2	0.914507233	-0.128933515	0.03332771	1.477194526	Eukaryotic translation initiation factor 4 gamma 2 OS=Mus musculus GN=Eif4g2 PE=1 SV=2
Q9D0L7	Armc10	1.373759391	0.458129344	0.033604813	1.473598518	Armadillo repeat-containing protein 10 OS=Mus musculus GN=Armc10 PE=1 SV=1
Q8VCW8	Acsf2	1.050792844	0.071478281	0.033622408	1.473371192	Acyl-CoA synthetase family member 2, mitochondrial OS=Mus musculus GN=Acsf2 PE=1 SV=1
P98084	Apba2	1.235527166	0.305126732	0.033708719	1.472257752	Amyloid beta A4 precursor protein-binding family A member 2 OS=Mus musculus GN=Apba2 PE=1 SV=2
Q8QZ51	Hibch	1.120327574	0.163920626	0.033780474	1.471334257	3-hydroxyisobutyryl-CoA hydrolase, mitochondrial OS=Mus musculus GN=Hibch PE=1 SV=1
Q3V0G7	Garnl3	1.165232317	0.220617619	0.03390304	1.469761359	GTPase-activating Rap/Ran-GAP domain-like protein 3 OS=Mus musculus GN=Garnl3 PE=1 SV=1
P16858	Gapdh	1.10663416	0.146178364	0.033962286	1.469003085	Glyceraldehyde-3-phosphate dehydrogenase OS=Mus musculus GN=Gapdh PE=1 SV=2
Q62425	Ndufa4	1.140056986	0.18910594	0.033978106	1.468800828	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 4 OS=Mus musculus GN=Ndufa4 PE=1 SV=2
P63082	Atp6v0c	1.230950575	0.299772836	0.034004796	1.468459821	V-type proton ATPase 16 kDa proteolipid subunit OS=Mus musculus GN=Atp6v0c PE=2 SV=1
P62849-3	Rps24	0.911641901	-0.133460859	0.03413695	1.466775284	Isoform 3 of 40S ribosomal protein S24 OS=Mus musculus GN=Rps24
Q9QUR8	Sema7a	1.128544439	0.174463228	0.034193181	1.466060498	Semaphorin-7A OS=Mus musculus GN=Sema7a PE=1 SV=1
P11881-3	Itpr1	1.132747766	0.179826646	0.034211797	1.465824116	Isoform 3 of Inositol 1,4,5-trisphosphate receptor type 1 OS=Mus musculus GN=Itpr1
P62071	Rras2	0.871292703	-0.198770634	0.034399698	1.463445374	Ras-related protein R-Ras2 OS=Mus musculus GN=Rras2 PE=1 SV=1
Q9D819	Ppa1	0.930723122	-0.103576046	0.034935094	1.456738083	Inorganic pyrophosphatase OS=Mus musculus GN=Ppa1 PE=1 SV=1
Q61206	Pafah1b2	1.125205946	0.170189082	0.03494131	1.456660812	Platelet-activating factor acetylhydrolase IB subunit beta OS=Mus musculus GN=Pafah1b2 PE=1 SV=2
P28667	Marcksl1	0.803092734	-0.316361508	0.035111951	1.454545035	MARCKS-related protein OS=Mus musculus GN=Marcksl1 PE=1 SV=2
Q9ESW4-2	Agk	1.1036442	0.142275142	0.035112801	1.454534526	Isoform 2 of Acylglycerol kinase, mitochondrial OS=Mus musculus GN=Agk
P60879-2	Snap25	1.139107163	0.187903476	0.035411256	1.450858673	Isoform 2 of Synaptosomal-associated protein 25 OS=Mus musculus GN=Snap25
Q922J3	Clip1	1.149540414	0.201057188	0.035438557	1.450523976	CAP-Gly domain-containing linker protein 1 OS=Mus musculus GN=Clip1 PE=1 SV=1
Q80UK0	Sestd1	0.799373558	-0.323058244	0.035663619	1.447774586	SEC14 domain and spectrin repeat-containing protein 1 OS=Mus musculus GN=Sestd1 PE=2 SV=1
P56391	Cox6b1	1.148117698	0.199270546	0.035900133	1.444903937	Cytochrome c oxidase subunit 6B1 OS=Mus musculus GN=Cox6b1 PE=1 SV=2
Q8CIN4	Pak2	1.061846065	0.086574636	0.035927542	1.444572494	Serine/threonine-protein kinase PAK 2 OS=Mus musculus GN=Pak2 PE=1 SV=1
Q8K4Z3	Apoa1bp	1.093159919	0.12850447	0.035977705	1.44396654	NAD(P)H-hydrate epimerase OS=Mus musculus GN=Apoa1bp PE=1 SV=1
O88487	Dync1i2	0.909997376	-0.136065709	0.035980035	1.443938421	Cytoplasmic dynein 1 intermediate chain 2 OS=Mus musculus GN=Dync1i2 PE=1 SV=1
Q9D4H1	Exoc2	1.067507355	0.094246009	0.036052336	1.443066587	Exocyst complex component 2 OS=Mus musculus GN=Exoc2 PE=1 SV=1
Q6PHN9	Rab35	1.104381566	0.143238713	0.036153281	1.441852285	Ras-related protein Rab-35 OS=Mus musculus GN=Rab35 PE=1 SV=1
P08556	Nras	0.945221261	-0.081276015	0.036162891	1.441736854	GTPase NRas OS=Mus musculus GN=Nras PE=2 SV=1
P53026	Rpl10a	0.869433442	-0.201852506	0.036180945	1.441520097	60S ribosomal protein L10a OS=Mus musculus GN=Rpl10a PE=1 SV=3
Q3UIU2	Ndufb6	1.447679628	0.533742369	0.036192149	1.441385632	NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 6 OS=Mus musculus GN=Ndufb6 PE=1 SV=3
Q91ZJ5	Ugp2	1.068103503	0.095051456	0.036285604	1.440265648	UTP--glucose-1-phosphate uridylyltransferase OS=Mus musculus GN=Ugp2 PE=2 SV=3
P51859	Hdgf	1.086960057	0.120298926	0.036491452	1.437808853	Hepatoma-derived growth factor OS=Mus musculus GN=Hdgf PE=1 SV=2
Q9CYN2	Spcs2	0.780560528	-0.357417586	0.036526384	1.43739332	Signal peptidase complex subunit 2 OS=Mus musculus GN=Spcs2 PE=1 SV=1
Q99LC5	Etfa	1.044363733	0.062624263	0.036603895	1.436472702	Electron transfer flavoprotein subunit alpha, mitochondrial OS=Mus musculus GN=Etfa PE=1 SV=2
Q91X78	Erlin1	0.905148943	-0.143772886	0.03704548	1.431264779	Erlin-1 OS=Mus musculus GN=Erlin1 PE=1 SV=1
Q3UJP5		1.200749268	0.263934929	0.037068565	1.430994225	Protein C8orf37 homolog OS=Mus musculus PE=1 SV=1
Q9EPL8	Ipo7	1.074391758	0.103520143	0.037292774	1.428375313	Importin-7 OS=Mus musculus GN=Ipo7 PE=1 SV=2
O08709	Prdx6	1.148648995	0.199938005	0.037390437	1.427239459	Peroxiredoxin-6 OS=Mus musculus GN=Prdx6 PE=1 SV=3
Q9CR62	Slc25a11	1.103274036	0.141791179	0.037450974	1.42653688	Mitochondrial 2-oxoglutarate/malate carrier protein OS=Mus musculus GN=Slc25a11 PE=1 SV=3
P27659	Rpl3	0.906222404	-0.142062937	0.037537284	1.42553716	60S ribosomal protein L3 OS=Mus musculus GN=Rpl3 PE=1 SV=3
P63085	Mapk1	0.958179975	-0.061631432	0.03792962	1.421021509	Mitogen-activated protein kinase 1 OS=Mus musculus GN=Mapk1 PE=1 SV=3
P06151	Ldha	1.023403771	0.033375454	0.037964114	1.420626736	L-lactate dehydrogenase A chain OS=Mus musculus GN=Ldha PE=1 SV=3
Q9CY57-3	Chtop	0.773302458	-0.370895297	0.038063526	1.419490989	Isoform 3 of Chromatin target of PRMT1 protein OS=Mus musculus GN=Chtop
Q61735	Cd47	1.074296445	0.10339215	0.038146224	1.418548449	Leukocyte surface antigen CD47 OS=Mus musculus GN=Cd47 PE=1 SV=2
P46935	Nedd4	1.27863083	0.354599785	0.038281867	1.417006893	E3 ubiquitin-protein ligase NEDD4 OS=Mus musculus GN=Nedd4 PE=1 SV=3
P14824	Anxa6	0.917002634	-0.125002217	0.03830468	1.416748159	Annexin A6 OS=Mus musculus GN=Anxa6 PE=1 SV=3
P35980	Rpl18	0.905196586	-0.143696952	0.038365805	1.416055684	60S ribosomal protein L18 OS=Mus musculus GN=Rpl18 PE=2 SV=3
P62911	Rpl32	0.86458714	-0.209916718	0.038623927	1.413143572	60S ribosomal protein L32 OS=Mus musculus GN=Rpl32 PE=1 SV=2
Q9Z0X1	Aifm1	1.071501338	0.099633652	0.038670413	1.412621186	Apoptosis-inducing factor 1, mitochondrial OS=Mus musculus GN=Aifm1 PE=1 SV=1
A2AJI0	Map7d1	1.07698301	0.106995491	0.03889782	1.41007474	MAP7 domain-containing protein 1 OS=Mus musculus GN=Map7d1 PE=1 SV=1
Q6PIC6	Atp1a3	1.074760467	0.104015161	0.03899844	1.408952761	Sodium/potassium-transporting ATPase subunit alpha-3 OS=Mus musculus GN=Atp1a3 PE=1 SV=1
Q9ESE1-3	Lrba	0.816177071	-0.293045913	0.039099238	1.407831709	Isoform 3 of Lipopolysaccharide-responsive and beige-like anchor protein OS=Mus musculus GN=Lrba
Q9DB70	Fundc1	1.368528778	0.452625773	0.039274899	1.405884925	FUN14 domain-containing protein 1 OS=Mus musculus GN=Fundc1 PE=2 SV=1
Q91WM2	Cecr5	1.249476593	0.321323875	0.039294962	1.40566313	Cat eye syndrome critical region protein 5 homolog OS=Mus musculus GN=Cecr5 PE=2 SV=1
Q80TM9-4	Nisch	1.157878176	0.211483471	0.039363109	1.404910606	Isoform 4 of Nischarin OS=Mus musculus GN=Nisch
Q9CS84-4	Nrxn1	0.897317456	-0.156309617	0.039437943	1.404085742	Isoform 4a of Neurexin-1 OS=Mus musculus GN=Nrxn1
Q6GQS1	Slc25a23	1.121279532	0.165145984	0.039510176	1.403291039	Calcium-binding mitochondrial carrier protein SCaMC-3 OS=Mus musculus GN=Slc25a23 PE=2 SV=1
O88444	Adcy1	0.534711388	-0.903167691	0.039573524	1.402595276	Adenylate cyclase type 1 OS=Mus musculus GN=Adcy1 PE=2 SV=2
Q9CZ30-2	Ola1	0.929621178	-0.10528516	0.039591864	1.402394054	Isoform 2 of Obg-like ATPase 1 OS=Mus musculus GN=Ola1
Q62167	Ddx3x	0.945500532	-0.080849825	0.039607558	1.402221931	ATP-dependent RNA helicase DDX3X OS=Mus musculus GN=Ddx3x PE=1 SV=3
Q02053	Uba1	0.938054048	-0.092257046	0.039797857	1.400140312	Ubiquitin-like modifier-activating enzyme 1 OS=Mus musculus GN=Uba1 PE=1 SV=1
Q9R1K9	Cetn2	1.113749608	0.155424924	0.03983931	1.399688197	Centrin-2 OS=Mus musculus GN=Cetn2 PE=2 SV=1
P58802	Tbc1d10a	1.315727129	0.395860317	0.039924101	1.398764857	TBC1 domain family member 10A OS=Mus musculus GN=Tbc1d10a PE=2 SV=1
Q8K4X7	Agpat4	0.597430028	-0.743158344	0.039997573	1.397966364	1-acyl-sn-glycerol-3-phosphate acyltransferase delta OS=Mus musculus GN=Agpat4 PE=2 SV=1
Q6PA06	Atl2	0.887830249	-0.171644232	0.040056317	1.397328981	Atlastin-2 OS=Mus musculus GN=Atl2 PE=1 SV=1
Q99020	Hnrnpab	0.949225922	-0.075176596	0.040113821	1.396705969	Heterogeneous nuclear ribonucleoprotein A/B OS=Mus musculus GN=Hnrnpab PE=1 SV=1
P14206	Rpsa	0.865853676	-0.207804856	0.040180335	1.395986445	40S ribosomal protein SA OS=Mus musculus GN=Rpsa PE=1 SV=4
P62754	Rps6	0.895449213	-0.159316485	0.040242196	1.39531833	40S ribosomal protein S6 OS=Mus musculus GN=Rps6 PE=1 SV=1
Q80W21	Gstm7	1.151139336	0.203062471	0.040299096	1.394704692	Glutathione S-transferase Mu 7 OS=Mus musculus GN=Gstm7 PE=1 SV=1
P63242	Eif5a	0.887618312	-0.171988664	0.040548009	1.392030466	Eukaryotic translation initiation factor 5A-1 OS=Mus musculus GN=Eif5a PE=1 SV=2
Q9CZM2	Rpl15	0.909050556	-0.137567564	0.040680532	1.39061338	60S ribosomal protein L15 OS=Mus musculus GN=Rpl15 PE=2 SV=4
Q9ESN9-3	Mapk8ip3	0.871978638	-0.197635304	0.040688438	1.390528979	Isoform 1b of C-Jun-amino-terminal kinase-interacting protein 3 OS=Mus musculus GN=Mapk8ip3
Q9D365	Spcs3	0.814240671	-0.29647281	0.040724135	1.390148134	Signal peptidase complex subunit 3 OS=Mus musculus GN=Spcs3 PE=2 SV=1
Q3TC72	Fahd2	1.138132431	0.186668437	0.040787326	1.389474768	Fumarylacetoacetate hydrolase domain-containing protein 2A OS=Mus musculus GN=Fahd2 PE=1 SV=1
Q8BRT1	Clasp2	0.935477211	-0.096225586	0.040873144	1.388561956	CLIP-associating protein 2 OS=Mus musculus GN=Clasp2 PE=1 SV=1
Q9QXL2-3	Kif21a	0.93757555	-0.092993147	0.04106271	1.386552396	Isoform 3 of Kinesin-like protein KIF21A OS=Mus musculus GN=Kif21a
Q9QXL2	Kif21a	0.93757555	-0.092993147	0.04106271	1.386552396	Kinesin-like protein KIF21A OS=Mus musculus GN=Kif21a PE=1 SV=2
Q8VD04	Gripap1	1.088882257	0.122847961	0.041168331	1.385436737	GRIP1-associated protein 1 OS=Mus musculus GN=Gripap1 PE=1 SV=1
O55042	Snca	1.193450311	0.255138501	0.041174	1.385376939	Alpha-synuclein OS=Mus musculus GN=Snca PE=1 SV=2
O35954	Pitpnm1	0.755153086	-0.405158955	0.04137169	1.38329674	Membrane-associated phosphatidylinositol transfer protein 1 OS=Mus musculus GN=Pitpnm1 PE=1 SV=1
Q9QWI6	Srcin1	1.092081754	0.127080861	0.041436647	1.38261539	SRC kinase signaling inhibitor 1 OS=Mus musculus GN=Srcin1 PE=1 SV=2
Q8VDN2	Atp1a1	1.104030589	0.142780145	0.0415292	1.381646438	Sodium/potassium-transporting ATPase subunit alpha-1 OS=Mus musculus GN=Atp1a1 PE=1 SV=1
Q62419	Sh3gl1	1.080220315	0.111325586	0.041748024	1.379364076	Endophilin-A2 OS=Mus musculus GN=Sh3gl1 PE=1 SV=1
Q80ZJ1	Rap2a	1.089470968	0.123627753	0.041773148	1.379102791	Ras-related protein Rap-2a OS=Mus musculus GN=Rap2a PE=1 SV=2
O55042-2	Snca	1.193669851	0.255403867	0.042007205	1.376676218	Isoform 2 of Alpha-synuclein OS=Mus musculus GN=Snca
Q9Z204-4	Hnrnpc	0.925182584	-0.112189986	0.042140596	1.375299326	Isoform 4 of Heterogeneous nuclear ribonucleoproteins C1/C2 OS=Mus musculus GN=Hnrnpc
Q3V0K9	Pls1	1.218360709	0.284941322	0.042240108	1.374274976	Plastin-1 OS=Mus musculus GN=Pls1 PE=2 SV=1
O55022	Pgrmc1	0.907616773	-0.139844824	0.042382795	1.372810407	Membrane-associated progesterone receptor component 1 OS=Mus musculus GN=Pgrmc1 PE=1 SV=4
Q3UEB3	Puf60	1.192097891	0.253502709	0.042732191	1.369244838	Poly(U)-binding-splicing factor PUF60 OS=Mus musculus GN=Puf60 PE=2 SV=2
P47955	Rplp1	0.882398727	-0.180497386	0.04322166	1.364298552	60S acidic ribosomal protein P1 OS=Mus musculus GN=Rplp1 PE=2 SV=1
P62196	Psmc5	0.920955259	-0.118797025	0.043350619	1.363004696	26S protease regulatory subunit 8 OS=Mus musculus GN=Psmc5 PE=1 SV=1
Q9CPU0	Glo1	1.077973792	0.108322103	0.043626612	1.360248514	Lactoylglutathione lyase OS=Mus musculus GN=Glo1 PE=1 SV=3

Accession	Gene	Fold Change (KO vs. WT)	Log2 Fold Change	Students T Test	-Log10 T Test	Description
Q505F5	Lrrc47	0.821439705	-0.283773413	0.04375627	1.358959709	Leucine-rich repeat-containing protein 47 OS=Mus musculus GN=Lrrc47 PE=2 SV=1
P70698	Ctps1	0.786581797	-0.346331295	0.043785445	1.358670231	CTP synthase 1 OS=Mus musculus GN=Ctps1 PE=1 SV=2
P68369	Tuba1a	0.904951946	-0.14408691	0.043889155	1.357642784	Tubulin alpha-1A chain OS=Mus musculus GN=Tuba1a PE=1 SV=1
Q9WV92-7	Epb41l3	1.187578303	0.248022641	0.04394513	1.357089248	Isoform 7 of Band 4.1-like protein 3 OS=Mus musculus GN=Epb41l3
Q62277	Syp	1.247791889	0.319377337	0.044089442	1.355665397	Synaptophysin OS=Mus musculus GN=Syp PE=1 SV=2
P68373	Tuba1c	0.904768383	-0.144379579	0.044384393	1.352769718	Tubulin alpha-1C chain OS=Mus musculus GN=Tuba1c PE=1 SV=1
P99026	Psmb4	1.066174314	0.09244333	0.044492323	1.351714922	Proteasome subunit beta type-4 OS=Mus musculus GN=Psmb4 PE=1 SV=1
P70232	Chl1	0.820399953	-0.285600687	0.044509997	1.351542439	Neural cell adhesion molecule L1-like protein OS=Mus musculus GN=Chl1 PE=1 SV=2
P61922	Abat	1.106956888	0.146599035	0.044534062	1.351307695	4-aminobutyrate aminotransferase, mitochondrial OS=Mus musculus GN=Abat PE=1 SV=1
Q00896	Serpina1c	1.186711062	0.246968714	0.044828886	1.348442049	Alpha-1-antitrypsin 1-3 OS=Mus musculus GN=Serpina1c PE=1 SV=2
P10639	Txn	0.952881734	-0.069630929	0.044945748	1.347311389	Thioredoxin OS=Mus musculus GN=Txn PE=1 SV=3
P21271	Myo5b	1.075264085	0.104691029	0.045011395	1.346677525	Unconventional myosin-Vb OS=Mus musculus GN=Myo5b PE=2 SV=2
Q8R2R9	Ap3m2	1.062355722	0.087266923	0.045564473	1.34137365	AP-3 complex subunit mu-2 OS=Mus musculus GN=Ap3m2 PE=2 SV=1
Q9QYR6	Map1a	1.045503346	0.064197679	0.045703505	1.340050493	Microtubule-associated protein 1A OS=Mus musculus GN=Map1a PE=1 SV=2
Q9WUP7	Uchl5	0.90445099	-0.144885766	0.045752404	1.33958608	Ubiquitin carboxyl-terminal hydrolase isozyme L5 OS=Mus musculus GN=Uchl5 PE=1 SV=2
Q9QWI6-2	Srcin1	1.088880013	0.122844988	0.045807856	1.339060038	Isoform 2 of SRC kinase signaling inhibitor 1 OS=Mus musculus GN=Srcin1
Q3UEB3-3	Puf60	1.197446735	0.259961483	0.045830765	1.33884289	Isoform 3 of Poly(U)-binding-splicing factor PUF60 OS=Mus musculus GN=Puf60
Q5SQX6	Cyfip2	1.063351557	0.088618648	0.046095685	1.336339729	Cytoplasmic FMR1-interacting protein 2 OS=Mus musculus GN=Cyfip2 PE=1 SV=2
P60904	Dnajc5	1.163107804	0.21798482	0.046201575	1.33534322	DnaJ homolog subfamily C member 5 OS=Mus musculus GN=Dnajc5 PE=1 SV=1
P62192	Psmc1	0.938017168	-0.092313767	0.046259374	1.334800248	26S protease regulatory subunit 4 OS=Mus musculus GN=Psmc1 PE=1 SV=1
P58281	Opa1	1.064777819	0.090552423	0.046268196	1.334717429	Dynamin-like 120 kDa protein, mitochondrial OS=Mus musculus GN=Opa1 PE=1 SV=1
Q62465	Vat1	0.909446718	-0.136938978	0.046329322	1.334144054	Synaptic vesicle membrane protein VAT-1 homolog OS=Mus musculus GN=Vat1 PE=1 SV=3
Q810U4-2	Nrcam	1.05371843	0.075489408	0.046330731	1.334130848	Isoform 2 of Neuronal cell adhesion molecule OS=Mus musculus GN=Nrcam
Q810U4	Nrcam	1.05371843	0.075489408	0.046330731	1.334130848	Neuronal cell adhesion molecule OS=Mus musculus GN=Nrcam PE=1 SV=2
Q9CS84-3	Nrxn1	0.897912186	-0.155353735	0.046338175	1.334061076	Isoform 3a of Neurexin-1 OS=Mus musculus GN=Nrxn1
Q6ZWR4-3	Ppp2r2b	0.876258933	-0.190570848	0.046438896	1.333118114	Isoform 3 of Serine/threonine-protein phosphatase 2A 55 kDa regulatory subunit B beta isoform OS=Mus musculus GN=Ppp2r2b
O35683	Ndufa1	0.913559601	-0.130429241	0.046707526	1.330613132	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 1 OS=Mus musculus GN=Ndufa1 PE=3 SV=1
Q9DCW4	Etfb	1.053725593	0.075499216	0.046776324	1.329973913	Electron transfer flavoprotein subunit beta OS=Mus musculus GN=Etfb PE=1 SV=3
Q99NE5-4	Rims1	1.217349223	0.283743096	0.046995448	1.327944203	Isoform 4 of Regulating synaptic membrane exocytosis protein 1 OS=Mus musculus GN=Rims1
P35276	Rab3d	1.11837297	0.161401397	0.047012846	1.327783457	Ras-related protein Rab-3D OS=Mus musculus GN=Rab3d PE=1 SV=1
Q8VEM8	Slc25a3	1.157479163	0.210986222	0.047126521	1.326734617	Phosphate carrier protein, mitochondrial OS=Mus musculus GN=Slc25a3 PE=1 SV=1
Q920I9	Wdr7	1.194762587	0.256723967	0.047296143	1.325174274	WD repeat-containing protein 7 OS=Mus musculus GN=Wdr7 PE=1 SV=3
Q91WC3	Acsl6	1.05708275	0.080088318	0.047384334	1.32436522	Long-chain-fatty-acid--CoA ligase 6 OS=Mus musculus GN=Acsl6 PE=2 SV=1
Q8BMF3	Me3	1.099767082	0.13719801	0.047441661	1.323840115	NADP-dependent malic enzyme, mitochondrial OS=Mus musculus GN=Me3 PE=1 SV=2
P70404	Idh3g	1.103878048	0.142580798	0.047518773	1.323134783	Isocitrate dehydrogenase [NAD] subunit gamma 1, mitochondrial OS=Mus musculus GN=Idh3g PE=1 SV=1
Q8BU31	Rap2c	1.084097859	0.116494991	0.047795781	1.320610437	Ras-related protein Rap-2c OS=Mus musculus GN=Rap2c PE=1 SV=1
O54962	Banf1	0.914070884	-0.129622048	0.048244795	1.316549535	Barrier-to-autointegration factor OS=Mus musculus GN=Banf1 PE=1 SV=1
Q59J78	Ndufaf2	1.146270749	0.196947848	0.048254465	1.316462496	Mimitin, mitochondrial OS=Mus musculus GN=Ndufaf2 PE=2 SV=1
Q8R1Q8	Dync1li1	0.95529364	-0.065983836	0.048355213	1.315556698	Cytoplasmic dynein 1 light intermediate chain 1 OS=Mus musculus GN=Dync1li1 PE=1 SV=1
Q8BGX2		1.216465548	0.282695461	0.048382127	1.315315046	Uncharacterized protein C19orf52 homolog OS=Mus musculus PE=2 SV=1
Q9CQ80	Vps25	0.864136028	-0.210669662	0.048390924	1.315236084	Vacuolar protein-sorting-associated protein 25 OS=Mus musculus GN=Vps25 PE=2 SV=1
Q99K51	Pls3	1.095506748	0.13159837	0.048503032	1.314231111	Plastin-3 OS=Mus musculus GN=Pls3 PE=1 SV=3
Q9Z172-2	Sumo3	0.904745261	-0.144416449	0.048828108	1.311330102	Isoform 2 of Small ubiquitin-related modifier 3 OS=Mus musculus GN=Sumo3
Q8K1M6-5	Dnm1l	1.053854471	0.075675656	0.048908519	1.310615491	Isoform 5 of Dynamin-1-like protein OS=Mus musculus GN=Dnm1l
Q80U23-3	Snph	1.093679084	0.129189473	0.04892683	1.310452925	Isoform 3 of Syntaphilin OS=Mus musculus GN=Snph
Q9DCL9	Paics	0.938510114	-0.091555803	0.048967972	1.310087881	Multifunctional protein ADE2 OS=Mus musculus GN=Paics PE=1 SV=4
Q9DCD6	Gabarap	1.292634042	0.370131891	0.049108864	1.308840113	Gamma-aminobutyric acid receptor-associated protein OS=Mus musculus GN=Gabarap PE=1 SV=2
Q8BVE3	Atp6v1h	1.066557066	0.092961158	0.049117186	1.308766522	V-type proton ATPase subunit H OS=Mus musculus GN=Atp6v1h PE=1 SV=1
Q9Z1P6	Ndufa7	1.115379796	0.157535044	0.049196191	1.308068522	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 7 OS=Mus musculus GN=Ndufa7 PE=1 SV=3
B2RUJ5-3	Apba1	1.086387976	0.119539417	0.049197246	1.308059206	Isoform 3 of Amyloid beta A4 precursor protein-binding family A member 1 OS=Mus musculus GN=Apba1
Q6PIE5	Atp1a2	1.085559949	0.118439399	0.049273842	1.307383572	Sodium/potassium-transporting ATPase subunit alpha-2 OS=Mus musculus GN=Atp1a2 PE=1 SV=1
Q68FL6	Mars	0.876126687	-0.190788598	0.049283761	1.307296158	Methionine--tRNA ligase, cytoplasmic OS=Mus musculus GN=Mars PE=2 SV=1
Q99LX0	Park7	0.942542398	-0.085370578	0.049292902	1.307215614	Protein DJ-1 OS=Mus musculus GN=Park7 PE=1 SV=1
Q8K4G5-4	Ablim1	0.891910934	-0.165028445	0.049318263	1.306992228	Isoform 4 of Actin-binding LIM protein 1 OS=Mus musculus GN=Ablim1
Q64324	Stxbp2	1.285832078	0.362702247	0.049409548	1.306189123	Syntaxin-binding protein 2 OS=Mus musculus GN=Stxbp2 PE=2 SV=1
P62751	Rpl23a	0.918034512	-0.123379704	0.049420201	1.306095492	60S ribosomal protein L23a OS=Mus musculus GN=Rpl23a PE=1 SV=1
P61407	Tdrd6	0.802775891	-0.316930805	0.049543507	1.305013258	Tudor domain-containing protein 6 OS=Mus musculus GN=Tdrd6 PE=1 SV=1
Q8K019-3	Bclaf1	0.805576219	-0.311907	0.049651482	1.304067787	Isoform 3 of Bcl-2-associated transcription factor 1 OS=Mus musculus GN=Bclaf1
Q9CQQ7	Atp5f1	1.10119143	0.139065287	0.049784599	1.302904988	ATP synthase F(0) complex subunit B1, mitochondrial OS=Mus musculus GN=Atp5f1 PE=1 SV=1
O55091	Impact	1.192494732	0.253982893	0.050196683	1.299324978	Protein IMPACT OS=Mus musculus GN=Impact PE=1 SV=2
Q80U49	Cep170b	0.732639451	-0.448824705	0.050199226	1.299302976	Centrosomal protein of 170 kDa protein B OS=Mus musculus GN=Cep170b PE=1 SV=2
Q80U49-2	Cep170b	0.732639451	-0.448824705	0.050199226	1.299302976	Isoform 2 of Centrosomal protein of 170 kDa protein B OS=Mus musculus GN=Cep170b
P21447	Abcb1a	1.246077369	0.317393648	0.050328236	1.298188295	Multidrug resistance protein 1A OS=Mus musculus GN=Abcb1a PE=1 SV=3
Q9JII91	Actn2	1.135568214	0.183414372	0.050393366	1.297626634	Alpha-actinin-2 OS=Mus musculus GN=Actn2 PE=1 SV=2
Q921J2	Rheb	1.085297334	0.118090345	0.050494795	1.296753389	GTP-binding protein Rheb OS=Mus musculus GN=Rheb PE=1 SV=1
O70493	Snx12	0.937636382	-0.092899545	0.050548942	1.296287927	Sorting nexin-12 OS=Mus musculus GN=Snx12 PE=1 SV=1
Q8VIJ6	Sfpq	0.923247978	-0.115209897	0.050618909	1.295687218	Splicing factor, proline- and glutamine-rich OS=Mus musculus GN=Sfpq PE=1 SV=1
Q99JR1	Sfxn1	1.143094144	0.192944227	0.050884361	1.293415677	Sideroflexin-1 OS=Mus musculus GN=Sfxn1 PE=1 SV=3
G5E8K5-3	Ank3	1.064131916	0.089677006	0.050905337	1.293236682	Isoform 3 of Ankyrin-3 OS=Mus musculus GN=Ank3
Q9CR09	Ufc1	0.946652583	-0.079093035	0.050912318	1.293177127	Ubiquitin-fold modifier-conjugating enzyme 1 OS=Mus musculus GN=Ufc1 PE=2 SV=1
O08749	Dld	1.134456118	0.182000806	0.050996058	1.292463394	Dihydrolipoyl dehydrogenase, mitochondrial OS=Mus musculus GN=Dld PE=1 SV=2
F6SEU4	Syngap1	1.100471261	0.138121469	0.05100106	1.292420801	Ras/Rap GTPase-activating protein SynGAP OS=Mus musculus GN=Syngap1 PE=1 SV=2
Q7TQ95	Lnp	1.517207798	0.601418692	0.051006595	1.292373671	Protein lunapark OS=Mus musculus GN=Lnp PE=1 SV=1
Q6A4J8-3	Usp7	1.164520798	0.219736406	0.051210811	1.290638346	Isoform 3 of Ubiquitin carboxyl-terminal hydrolase 7 OS=Mus musculus GN=Usp7
Q60973	Rbbp7	0.887247904	-0.172590833	0.05161685	1.287208501	Histone-binding protein RBBP7 OS=Mus musculus GN=Rbbp7 PE=1 SV=1
Q6P9S0	Mtss1l	0.910215622	-0.135719747	0.051790892	1.285746607	MTSS1-like protein OS=Mus musculus GN=Mtss1l PE=1 SV=1
Q3TDD9	Ppp1r21	0.920590816	-0.119368045	0.051835844	1.285369824	Protein phosphatase 1 regulatory subunit 21 OS=Mus musculus GN=Ppp1r21 PE=2 SV=2
O70161-2	Pip5k1c	1.124821841	0.169696513	0.052125567	1.282949208	Isoform 2 of Phosphatidylinositol 4-phosphate 5-kinase type-1 gamma OS=Mus musculus GN=Pip5k1c
P19783	Cox4i1	1.23731406	0.307211737	0.052151487	1.282733304	Cytochrome c oxidase subunit 4 isoform 1, mitochondrial OS=Mus musculus GN=Cox4i1 PE=1 SV=2
P09405	Ncl	0.918542366	-0.122581831	0.052333395	1.281221088	Nucleolin OS=Mus musculus GN=Ncl PE=1 SV=2
Q8R429	Atp2a1	0.94011944	-0.089084035	0.052346575	1.281111732	Sarcoplasmic/endoplasmic reticulum calcium ATPase 1 OS=Mus musculus GN=Atp2a1 PE=2 SV=1
Q8BXN7	Ppm1k	1.161916593	0.21650651	0.052547238	1.279450109	Protein phosphatase 1K, mitochondrial OS=Mus musculus GN=Ppm1k PE=1 SV=1
Q93092	Taldo1	0.900727283	-0.150837733	0.052650487	1.278597609	Transaldolase OS=Mus musculus GN=Taldo1 PE=1 SV=2
Q9R1T4-3	Sept6	1.083252395	0.115369426	0.052681576	1.27834124	Isoform V of Septin-6 OS=Mus musculus GN=Sept6
P03930	Mtatp8	1.147700978	0.198746811	0.052739702	1.277862332	ATP synthase protein 8 OS=Mus musculus GN=Mtatp8 PE=1 SV=1
Q60829	Ppp1r1b	1.596857152	0.675235261	0.052904203	1.276509824	Protein phosphatase 1 regulatory subunit 1B OS=Mus musculus GN=Ppp1r1b PE=2 SV=2
Q8R0W0	Eppk1	1.089041072	0.123058365	0.05319164	1.274156616	Epiplakin OS=Mus musculus GN=Eppk1 PE=1 SV=2
Q3TPX4	Exoc5	1.131257929	0.177927904	0.053269031	1.2735252	Exocyst complex component 5 OS=Mus musculus GN=Exoc5 PE=1 SV=2
Q3TVA9	Ccdc136	1.249812047	0.321711151	0.053290036	1.273353983	Coiled-coil domain-containing protein 136 OS=Mus musculus GN=Ccdc136 PE=2 SV=2
Q8VD33	Sgtb	1.154387785	0.20712794	0.053504165	1.271612411	Small glutamine-rich tetratricopeptide repeat-containing protein beta OS=Mus musculus GN=Sgtb PE=2 SV=1
Q9Z0N2	Eif2s3y	0.936085497	-0.095287791	0.053559178	1.271166098	Eukaryotic translation initiation factor 2 subunit 3, Y-linked OS=Mus musculus GN=Eif2s3y PE=2 SV=2
Q9WTX5	Skp1	1.071712814	0.09991836	0.053624972	1.270632925	S-phase kinase-associated protein 1 OS=Mus musculus GN=Skp1 PE=1 SV=3
P19096	Fasn	0.890191508	-0.167812357	0.053627992	1.270608461	Fatty acid synthase OS=Mus musculus GN=Fasn PE=1 SV=2
P09055	Itgb1	0.826496056	-0.274920159	0.053665266	1.270306717	Integrin beta-1 OS=Mus musculus GN=Itgb1 PE=1 SV=1
Q9CWF2	Tubb2b	0.90679981	-0.141144006	0.053686989	1.270130952	Tubulin beta-2B chain OS=Mus musculus GN=Tubb2b PE=1 SV=1
Q8CHP8	Pgp	1.11189264	0.153017494	0.053688176	1.270121349	Phosphoglycolate phosphatase OS=Mus musculus GN=Pgp PE=1 SV=1
Q8CIV8	Tbce	0.18707483	-2.418312631	0.05417366	1.266211824	Tubulin-specific chaperone E OS=Mus musculus GN=Tbce PE=1 SV=1
Q6W8Q3	Pcp4l1	1.133782804	0.181144294	0.054268041	1.265455856	Purkinje cell protein 4-like protein 1 OS=Mus musculus GN=Pcp4l1 PE=1 SV=1
Q3V132	Slc25a31	1.156958484	0.210337096	0.054317136	1.265063141	ADP/ATP translocase 4 OS=Mus musculus GN=Slc25a31 PE=2 SV=1
Q6NXK7	Dpp10	1.075839402	0.105462732	0.054505859	1.263556812	Inactive dipeptidyl peptidase 10 OS=Mus musculus GN=Dpp10 PE=2 SV=1
P61922-2	Abat	1.11428203	0.156114432	0.054651249	1.262399905	Isoform 2 of 4-aminobutyrate aminotransferase, mitochondrial OS=Mus musculus GN=Abat
Q9WV27	Atp1a4	1.106492928	0.145994231	0.054694886	1.262053277	Sodium/potassium-transporting ATPase subunit alpha-4 OS=Mus musculus GN=Atp1a4 PE=1 SV=3
Q99PU5	Acsbg1	0.928634933	-0.106816543	0.054701529	1.262000533	Long-chain-fatty-acid--CoA ligase ACSBG1 OS=Mus musculus GN=Acsbg1 PE=1 SV=1
P49722	Psma2	0.95804956	-0.061827806	0.054745885	1.26164852	Proteasome subunit alpha type-2 OS=Mus musculus GN=Psma2 PE=1 SV=3
O08663	Metap2	0.873398019	-0.195288836	0.054765456	1.261493295	Methionine aminopeptidase 2 OS=Mus musculus GN=Metap2 PE=1 SV=1
Q9Z204	Hnrnpc	0.931018892	-0.103117652	0.054942585	1.260090909	Heterogeneous nuclear ribonucleoproteins C1/C2 OS=Mus musculus GN=Hnrnpc PE=1 SV=1
O70161	Pip5k1c	1.121826892	0.165850072	0.055039434	1.259326044	Phosphatidylinositol 4-phosphate 5-kinase type-1 gamma OS=Mus musculus GN=Pip5k1c PE=1 SV=2
Q9Z1W8	Atp12a	1.109154555	0.149460412	0.055046307	1.259271809	Potassium-transporting ATPase alpha chain 2 OS=Mus musculus GN=Atp12a PE=1 SV=3
Q7TMM9	Tubb2a	0.908998606	-0.137650012	0.055059681	1.259166308	Tubulin beta-2A chain OS=Mus musculus GN=Tubb2a PE=1 SV=1
Q9WV34	Mpp2	1.076472347	0.106311259	0.055080669	1.259000791	MAGUK p55 subfamily member 2 OS=Mus musculus GN=Mpp2 PE=1 SV=1
P50114	S100b	1.300923507	0.379536135	0.055229181	1.257831399	Protein S100-B OS=Mus musculus GN=S100b PE=2 SV=2
Q9QXS1	Plec	1.063097923	0.088274492	0.055275686	1.257465859	Plectin OS=Mus musculus GN=Plec PE=1 SV=2
Q6NZJ6	Eif4g1	0.929983718	-0.104722637	0.055324066	1.257085907	Eukaryotic translation initiation factor 4 gamma 1 OS=Mus musculus GN=Eif4g1 PE=1 SV=1
Q8C985	Nrxn3	1.065344606	0.091320173	0.055400941	1.256482856	Neurexin-3-beta OS=Mus musculus GN=Nrxn3 PE=1 SV=2
Q9JLB0	Mpp6	1.053031276	0.074548287	0.055442003	1.256161089	MAGUK p55 subfamily member 6 OS=Mus musculus GN=Mpp6 PE=1 SV=1
P38647	Hspa9	1.035774932	0.050710547	0.055639926	1.254613459	Stress-70 protein, mitochondrial OS=Mus musculus GN=Hspa9 PE=1 SV=3
Q9ZOJ0	Npc2	0.892862042	-0.163490816	0.05568373	1.254271681	Epididymal secretory protein E1 OS=Mus musculus GN=Npc2 PE=1 SV=1

Accession	Gene	Fold Change (KO vs. WT)	Log2 Fold Change	Students T Test	-Log10 T Test	Description
P60202	Plp1	1.474332848	0.560062266	0.055793796	1.253414088	Myelin proteolipid protein OS=Mus musculus GN=Plp1 PE=1 SV=2
P62242	Rps8	0.902838682	-0.147459864	0.056052382	1.251405925	40S ribosomal protein S8 OS=Mus musculus GN=Rps8 PE=1 SV=2
O35127	Grcc10	0.901312895	-0.149900063	0.056097679	1.251055104	Protein C10 OS=Mus musculus GN=Grcc10 PE=2 SV=1
Q60865	Caprin1	0.925974019	-0.11095638	0.056326008	1.249291029	Caprin-1 OS=Mus musculus GN=Caprin1 PE=1 SV=2
P97351	Rps3a	0.924257956	-0.113632537	0.056545335	1.247603216	40S ribosomal protein S3a OS=Mus musculus GN=Rps3a PE=1 SV=3
A2AR02	Ppig	0.85848796	-0.220130194	0.056572001	1.24739846	Peptidyl-prolyl cis-trans isomerase G OS=Mus musculus GN=Ppig PE=2 SV=1
O54950	Prkag1	1.148695177	0.199996009	0.056605713	1.247139736	5'-AMP-activated protein kinase subunit gamma-1 OS=Mus musculus GN=Prkag1 PE=1 SV=2
Q6ZWR6-5	Syne1	1.099997184	0.137499831	0.056626916	1.246977089	Isoform 5 of Nesprin-1 OS=Mus musculus GN=Syne1
Q9D1R9	Rpl34	0.909576615	-0.136732932	0.05681834	1.245511457	60S ribosomal protein L34 OS=Mus musculus GN=Rpl34 PE=1 SV=2
Q8R4X3	Rbm12	0.851708576	-0.231568219	0.056935285	1.2446185	RNA-binding protein 12 OS=Mus musculus GN=Rbm12 PE=1 SV=3
E9Q401	Ryr2	1.064236548	0.089818855	0.056977781	1.244294466	Ryanodine receptor 2 OS=Mus musculus GN=Ryr2 PE=1 SV=1
Q7TSJ2-3	Map6	1.18592051	0.246007312	0.057056541	1.24369456	Isoform 3 of Microtubule-associated protein 6 OS=Mus musculus GN=Map6
Q8BGZ7	Krt75	0.269019969	-1.894214827	0.057386836	1.241187721	Keratin, type II cytoskeletal 75 OS=Mus musculus GN=Krt75 PE=1 SV=1
Q9WUA2	Farsb	0.8856811	-0.175140762	0.057732913	1.238576528	Phenylalanine--tRNA ligase beta subunit OS=Mus musculus GN=Farsb PE=2 SV=2
O08915	Aip	1.163428893	0.218383039	0.057770715	1.238292259	AH receptor-interacting protein OS=Mus musculus GN=Aip PE=1 SV=1
P42669	Pura	1.064181025	0.089743585	0.057949634	1.236949303	Transcriptional activator protein Pur-alpha OS=Mus musculus GN=Pura PE=1 SV=1
Q9D883	U2af1	0.84521229	-0.24261435	0.058044855	1.236236266	Splicing factor U2AF 35 kDa subunit OS=Mus musculus GN=U2af1 PE=1 SV=4
Q8BLF2-5	Cdkl3	1.26070115	0.334226324	0.05812288	1.235652871	Isoform 5 of Cyclin-dependent kinase-like 3 OS=Mus musculus GN=Cdkl3
Q62186	Ssr4	0.859531697	-0.218377252	0.058267012	1.234577255	Translocon-associated protein subunit delta OS=Mus musculus GN=Ssr4 PE=2 SV=1
Q9Z0R4	Itsn1	0.840973498	-0.249867759	0.058272007	1.234540027	Intersectin-1 OS=Mus musculus GN=Itsn1 PE=1 SV=2
Q8JZQ9	Eif3b	0.914776912	-0.128508141	0.058280905	1.234473714	Eukaryotic translation initiation factor 3 subunit B OS=Mus musculus GN=Eif3b PE=1 SV=1
Q8JZZ7	Lphn2	0.878627794	-0.186675957	0.058569974	1.232324971	Latrophilin-2 (Fragment) OS=Mus musculus GN=Lphn2 PE=1 SV=2
Q8VE47	Uba5	1.301301362	0.379955107	0.058759242	1.230923813	Ubiquitin-like modifier-activating enzyme 5 OS=Mus musculus GN=Uba5 PE=2 SV=2
Q9QXS1-11	Plec	1.061789997	0.086498456	0.05883283	1.230380261	Isoform PLEC-1E,2A of Plectin OS=Mus musculus GN=Plec
Q9WU78-3	Pdcd6ip	1.050023445	0.07042154	0.058889099	1.229965094	Isoform 3 of Programmed cell death 6-interacting protein OS=Mus musculus GN=Pdcd6ip
Q91VM9-2	Ppa2	1.035535587	0.050377133	0.059487532	1.225574047	Isoform 2 of Inorganic pyrophosphatase 2, mitochondrial OS=Mus musculus GN=Ppa2
Q61029-3	Tmpo	1.207768367	0.272343793	0.059728229	1.223820365	Isoform Epsilon of Lamina-associated polypeptide 2, isoforms beta/delta/epsilon/gamma OS=Mus musculus GN=Tmpo
Q64338-2	Pde1c	1.157413212	0.210904018	0.059880685	1.222713242	Isoform 2 of Calcium/calmodulin-dependent 3',5'-cyclic nucleotide phosphodiesterase 1C OS=Mus musculus GN=Pde1c
Q3UGR5	Hdhd2	1.063726705	0.089127538	0.059963886	1.222110231	Haloacid dehalogenase-like hydrolase domain-containing protein 2 OS=Mus musculus GN=Hdhd2 PE=1 SV=2
P62869	Tceb2	0.910783576	-0.134819818	0.060176972	1.220569667	Transcription elongation factor B polypeptide 2 OS=Mus musculus GN=Tceb2 PE=1 SV=1
O35639	Anxa3	1.676144336	0.745146388	0.060328914	1.219474495	Annexin A3 OS=Mus musculus GN=Anxa3 PE=1 SV=4
O55142	Rpl35a	0.904825425	-0.144288626	0.060435773	1.218705917	60S ribosomal protein L35a OS=Mus musculus GN=Rpl35a PE=1 SV=2
Q3V3R1	Mthfd1l	1.134909418	0.182577155	0.0606503	1.217167048	Monofunctional C1-tetrahydrofolate synthase, mitochondrial OS=Mus musculus GN=Mthfd1l PE=1 SV=2
P61979-2	Hnrnpk	0.928069007	-0.107696014	0.060694962	1.216847354	Isoform 2 of Heterogeneous nuclear ribonucleoprotein K OS=Mus musculus GN=Hnrnpk
Q9JLB0-2	Mpp6	1.048716358	0.068624531	0.060768811	1.216319264	Isoform Alpha of MAGUK p55 subfamily member 6 OS=Mus musculus GN=Mpp6
Q91VM9	Ppa2	1.035368092	0.050143764	0.060780194	1.216237918	Inorganic pyrophosphatase 2, mitochondrial OS=Mus musculus GN=Ppa2 PE=1 SV=1
Q7TT50	Cdc42bpb	0.839242588	-0.252840204	0.061877347	1.208468318	Serine/threonine-protein kinase MRCK beta OS=Mus musculus GN=Cdc42bpb PE=1 SV=2
Q9CRB9	Chchd3	1.157405352	0.21089422	0.062029753	1.207399948	Coiled-coil-helix-coiled-coil-helix domain-containing protein 3, mitochondrial OS=Mus musculus GN=Chchd3 PE=1 SV=1
Q14BI2	Grm2	1.13221533	0.179148363	0.062139689	1.206630921	Metabotropic glutamate receptor 2 OS=Mus musculus GN=Grm2 PE=1 SV=2
P62264	Rps14	0.799626145	-0.32260245	0.062824969	1.201867719	40S ribosomal protein S14 OS=Mus musculus GN=Rps14 PE=2 SV=3
P60202-2	Plp1	1.425821183	0.51179306	0.062945444	1.201035698	Isoform DM-20 of Myelin proteolipid protein OS=Mus musculus GN=Plp1
Q64436	Atp4a	1.101531782	0.139511121	0.06294975	1.201005988	Potassium-transporting ATPase alpha chain 1 OS=Mus musculus GN=Atp4a PE=1 SV=3
P34152-9	Ptk2	1.10895106	0.149195698	0.062999224	1.200664801	Isoform 9 of Focal adhesion kinase 1 OS=Mus musculus GN=Ptk2
O08528	Hk2	1.13071423	0.177234357	0.06313161	1.199753134	Hexokinase-2 OS=Mus musculus GN=Hk2 PE=2 SV=1
Q8C0L0	Tmx4	0.813777543	-0.297293626	0.063201189	1.199274753	Thioredoxin-related transmembrane protein 4 OS=Mus musculus GN=Tmx4 PE=2 SV=2
Q69ZK9	Nlgn2	0.842636661	-0.247017409	0.0634893	1.19729946	Neuroligin-2 OS=Mus musculus GN=Nlgn2 PE=1 SV=2
P61979	Hnrnpk	0.926042743	-0.11084931	0.06366779	1.196080228	Heterogeneous nuclear ribonucleoprotein K OS=Mus musculus GN=Hnrnpk PE=1 SV=1
Q9DBS5	Klc4	0.86149089	-0.215092554	0.063817985	1.195056913	Kinesin light chain 4 OS=Mus musculus GN=Klc4 PE=1 SV=1
D3Z7P3	Gls	1.104438798	0.143313474	0.063944426	1.194197304	Glutaminase kidney isoform, mitochondrial OS=Mus musculus GN=Gls PE=1 SV=1
Q8JZK9	Hmgcs1	0.929539814	-0.105411436	0.0639979	1.193834276	Hydroxymethylglutaryl-CoA synthase, cytoplasmic OS=Mus musculus GN=Hmgcs1 PE=1 SV=1
P14211	Calr	0.918350153	-0.122883758	0.064233808	1.192236328	Calreticulin OS=Mus musculus GN=Calr PE=1 SV=1
P46660	Ina	1.195429115	0.257528585	0.064553069	1.190083104	Alpha-internexin OS=Mus musculus GN=Ina PE=1 SV=3
P61087	Ube2k	0.862713246	-0.213046987	0.064587475	1.18985169	Ubiquitin-conjugating enzyme E2 K OS=Mus musculus GN=Ube2k PE=1 SV=3
Q5DTL9-2	Slc4a10	1.124856744	0.169741279	0.064689277	1.1891677	Isoform 2 of Sodium-driven chloride bicarbonate exchanger OS=Mus musculus GN=Slc4a10
Q5DTL9	Slc4a10	1.124856744	0.169741279	0.064689277	1.1891677	Sodium-driven chloride bicarbonate exchanger OS=Mus musculus GN=Slc4a10 PE=1 SV=2
Q8BMP6	Acbd3	0.748893217	-0.417168073	0.064768968	1.188633024	Golgi resident protein GCP60 OS=Mus musculus GN=Acbd3 PE=1 SV=3
Q9WVL0	Gstz1	1.149307332	0.200764635	0.064870275	1.187954262	Maleylacetoacetate isomerase OS=Mus musculus GN=Gstz1 PE=1 SV=1
Q9Z0P4	Palm	1.074234763	0.103309314	0.064948085	1.18743365	Paralemmin-1 OS=Mus musculus GN=Palm PE=1 SV=1
P62852	Rps25	0.911367224	-0.133895608	0.064997623	1.187102526	40S ribosomal protein S25 OS=Mus musculus GN=Rps25 PE=1 SV=1
Q8R0S2	Iqsec1	1.234894518	0.304387815	0.065232407	1.185536594	IQ motif and SEC7 domain-containing protein 1 OS=Mus musculus GN=Iqsec1 PE=1 SV=2
Q91VW3	Sh3bgrl3	1.117052503	0.159696996	0.065586593	1.183184925	SH3 domain-binding glutamic acid-rich-like protein 3 OS=Mus musculus GN=Sh3bgrl3 PE=1 SV=1
Q9WTU6-3	Mapk9	1.158625084	0.212413805	0.066460406	1.177437012	Isoform Beta-1 of Mitogen-activated protein kinase 9 OS=Mus musculus GN=Mapk9
Q99NE5-7	Rims1	1.156147084	0.209324948	0.066574771	1.176690318	Isoform 7 of Regulating synaptic membrane exocytosis protein 1 OS=Mus musculus GN=Rims1
P57776	Eef1d	0.90313598	-0.146984872	0.066879815	1.174704936	Elongation factor 1-delta OS=Mus musculus GN=Eef1d PE=1 SV=3
Q9JM63	Kcnj10	1.106966375	0.1466114	0.066905609	1.174537472	ATP-sensitive inward rectifier potassium channel 10 OS=Mus musculus GN=Kcnj10 PE=1 SV=1
Q8BPN8-3	Dmxl2	1.075439663	0.104926585	0.06695142	1.174240207	Isoform 3 of DmX-like protein 2 OS=Mus musculus GN=Dmxl2
A2A6Q5-3	Cdc27	0.777155607	-0.363724602	0.067165609	1.172853045	Isoform 3 of Cell division cycle protein 27 homolog OS=Mus musculus GN=Cdc27
Q8R5M8-3	Cadm1	1.089195421	0.123262822	0.067166397	1.172847945	Isoform 3 of Cell adhesion molecule 1 OS=Mus musculus GN=Cadm1
Q99104	Myo5a	1.040518261	0.057302285	0.06720685	1.172586457	Unconventional myosin-Va OS=Mus musculus GN=Myo5a PE=1 SV=2
Q9ER72	Cars	0.908731506	-0.138073997	0.067241691	1.172361371	Cysteine--tRNA ligase, cytoplasmic OS=Mus musculus GN=Cars PE=2 SV=2
O54901	Cd200	1.065371456	0.091356533	0.067580227	1.170180357	OX-2 membrane glycoprotein OS=Mus musculus GN=Cd200 PE=1 SV=1
Q8K4G5-5	Ablim1	0.832000424	-0.265343831	0.067968752	1.167690705	Isoform 5 of Actin-binding LIM protein 1 OS=Mus musculus GN=Ablim1
Q9D2V7	Coro7	1.109787648	0.150283651	0.068047335	1.167188878	Coronin-7 OS=Mus musculus GN=Coro7 PE=2 SV=2
P57774	Npy	1.114269589	0.156098324	0.068417934	1.164830047	Pro-neuropeptide Y OS=Mus musculus GN=Npy PE=1 SV=2
Q6PER3	Mapre3	1.056078453	0.078717012	0.068422169	1.164803163	Microtubule-associated protein RP/EB family member 3 OS=Mus musculus GN=Mapre3 PE=1 SV=1
Q80T41	Gabbr2	1.093837269	0.129398123	0.068835899	1.162185014	Gamma-aminobutyric acid type B receptor subunit 2 OS=Mus musculus GN=Gabbr2 PE=1 SV=2
P06797	Ctsl	1.085969965	0.118984203	0.068946356	1.161488683	Cathepsin L1 OS=Mus musculus GN=Ctsl PE=1 SV=2
Q8BGT8	Phyhipl	0.911398964	-0.133845364	0.06905709	1.160791725	Phytanoyl-CoA hydroxylase-interacting protein-like OS=Mus musculus GN=Phyhipl PE=2 SV=1
Q8C8R3-5	Ank2	1.038749509	0.054847794	0.069445147	1.1583581	Isoform 5 of Ankyrin-2 OS=Mus musculus GN=Ank2
Q8CFV9	Rfk	1.179115655	0.237705234	0.069449522	1.15833074	Riboflavin kinase OS=Mus musculus GN=Rfk PE=1 SV=2
O70133	Dhx9	0.942141358	-0.085984559	0.069454288	1.158300939	ATP-dependent RNA helicase A OS=Mus musculus GN=Dhx9 PE=1 SV=2
P57776-2	Eef1d	0.90119954	-0.150081517	0.069468412	1.158212628	Isoform 2 of Elongation factor 1-delta OS=Mus musculus GN=Eef1d
Q3UTZ3		0.620934959	-0.687485936	0.06981216	1.156068923	Uncharacterized protein C7orf43 homolog OS=Mus musculus PE=2 SV=1
Q8BHG1	Nrd1	0.906773916	-0.141185203	0.070097389	1.154298159	Nardilysin OS=Mus musculus GN=Nrd1 PE=1 SV=1
Q8VEH5	Epm2aip1	0.89822712	-0.154847814	0.070389272	1.152493528	EPM2A-interacting protein 1 OS=Mus musculus GN=Epm2aip1 PE=2 SV=1
Q9CQD1	Rab5a	1.020202426	0.028855436	0.07044777	1.152132751	Ras-related protein Rab-5A OS=Mus musculus GN=Rab5a PE=1 SV=1
Q9R0P5	Dstn	0.936558454	-0.094559053	0.07062708	1.151028749	Destrin OS=Mus musculus GN=Dstn PE=1 SV=3
Q0KL02-4	Trio	1.056491528	0.079281199	0.070909898	1.149293141	Isoform 4 of Triple functional domain protein OS=Mus musculus GN=Trio
P54728	Rad23b	1.061169945	0.085655721	0.071447195	1.146014818	UV excision repair protein RAD23 homolog B OS=Mus musculus GN=Rad23b PE=1 SV=2
Q80TM9	Nisch	1.113521768	0.155129761	0.071655756	1.144748916	Nischarin OS=Mus musculus GN=Nisch PE=1 SV=2
P00405	Mtco2	1.204704105	0.26867884	0.072058887	1.142312448	Cytochrome c oxidase subunit 2 OS=Mus musculus GN=Mtco2 PE=1 SV=1
Q8BTI8-3	Srrm2	0.878097617	-0.187546764	0.072069878	1.142246215	Isoform 3 of Serine/arginine repetitive matrix protein 2 OS=Mus musculus GN=Srrm2
Q8BYI9-2	Tnr	1.073672385	0.102553844	0.072270003	1.14104193	Isoform 2 of Tenascin-R OS=Mus musculus GN=Tnr
Q9CWK8	Snx2	1.079808245	0.110775137	0.072447936	1.139973982	Sorting nexin-2 OS=Mus musculus GN=Snx2 PE=1 SV=2
Q91V36	Nrbp2	1.291243344	0.368760912	0.072610158	1.139002617	Nuclear receptor-binding protein 2 OS=Mus musculus GN=Nrbp2 PE=1 SV=2
Q6P1F6	Ppp2r2a	0.93903435	-0.090750162	0.072911773	1.137202339	Serine/threonine-protein phosphatase 2A 55 kDa regulatory subunit B alpha isoform OS=Mus musculus GN=Ppp2r2a PE=1 SV=1
Q8CHT0	Aldh4a1	1.081312913	0.112784074	0.07292851	1.137102657	Delta-1-pyrroline-5-carboxylate dehydrogenase, mitochondrial OS=Mus musculus GN=Aldh4a1 PE=1 SV=3
Q8R0J7	Vps37b	1.17878201	0.237296948	0.072947088	1.136992039	Vacuolar protein sorting-associated protein 37B OS=Mus musculus GN=Vps37b PE=2 SV=1
Q3TCJ1	Fam175b	1.349880739	0.432831952	0.073574442	1.133273021	BRISC complex subunit Abro1 OS=Mus musculus GN=Fam175b PE=2 SV=1
Q8BSS9	Ppfia2	0.804254418	-0.314276138	0.073838203	1.131718882	Liprin-alpha-2 OS=Mus musculus GN=Ppfia2 PE=1 SV=2
P12960	Cntn1	0.949800319	-0.074303854	0.073887609	1.131428389	Contactin-1 OS=Mus musculus GN=Cntn1 PE=1 SV=1
Q9Z1Z0	Uso1	0.933386963	-0.099452779	0.074148352	1.129898499	General vesicular transport factor p115 OS=Mus musculus GN=Uso1 PE=1 SV=2
Q9Z0H4-2	Celf2	0.939608133	-0.089868894	0.074633974	1.127063435	Isoform 2 of CUGBP Elav-like family member 2 OS=Mus musculus GN=Celf2
Q91WD5	Ndufs2	1.234175797	0.303547907	0.074655782	1.12693655	NADH dehydrogenase [ubiquinone] iron-sulfur protein 2, mitochondrial OS=Mus musculus GN=Ndufs2 PE=1 SV=1
P63028	Tpt1	0.832255212	-0.264902094	0.074795019	1.126127324	Translationally-controlled tumor protein OS=Mus musculus GN=Tpt1 PE=1 SV=1
Q9CR95	Necap1	1.108171387	0.148181023	0.074797374	1.12611365	Adaptin ear-binding coat-associated protein 1 OS=Mus musculus GN=Necap1 PE=1 SV=2
P31648	Slc6a1	1.060408974	0.084620785	0.07518534	1.123866834	Sodium- and chloride-dependent GABA transporter 1 OS=Mus musculus GN=Slc6a1 PE=1 SV=2
Q8R2U6	Nudt4	0.739042986	-0.436269814	0.075302113	1.123192839	Diphosphoinositol polyphosphate phosphohydrolase 2 OS=Mus musculus GN=Nudt4 PE=1 SV=1
Q05A62-3	Dnal1	0.934131189	-0.098302919	0.075716887	1.120807252	Isoform 3 of Dynein light chain 1, axonemal OS=Mus musculus GN=Dnal1
Q8K4R4	Pitpnc1	1.069116616	0.096419227	0.075936344	1.119550314	Cytoplasmic phosphatidylinositol transfer protein 1 OS=Mus musculus GN=Pitpnc1 PE=1 SV=1
Q9CS84-5	Nrxn1	0.900959608	-0.150465667	0.075966349	1.119378746	Isoform 5a of Neurexin-1 OS=Mus musculus GN=Nrxn1
Q80X50	Ubap2l	0.806872702	-0.309587013	0.076171699	1.11820636	Ubiquitin-associated protein 2-like OS=Mus musculus GN=Ubap2l PE=1 SV=1
O70492	Snx3	0.883711886	-0.178352007	0.076566384	1.115961863	Sorting nexin-3 OS=Mus musculus GN=Snx3 PE=1 SV=3
P11031	Sub1	1.048899649	0.068876658	0.076605322	1.115741057	Activated RNA polymerase II transcriptional coactivator p15 OS=Mus musculus GN=Sub1 PE=1 SV=3
P56212	Arpp19	1.105537428	0.144747868	0.076607269	1.115730022	cAMP-regulated phosphoprotein 19 OS=Mus musculus GN=Arpp19 PE=1 SV=2
Q9D0E1	Hnrnpm	0.94582136	-0.080360372	0.076643609	1.115524054	Heterogeneous nuclear ribonucleoprotein M OS=Mus musculus GN=Hnrnpm PE=1 SV=3
Q9JII6	Akr1a1	0.94132412	-0.087236532	0.07673083	1.115030105	Alcohol dehydrogenase [NADP(+)] OS=Mus musculus GN=Akr1a1 PE=1 SV=3

Accession	Gene	Fold Change (KO vs. WT)	Log2 Fold Change	Students T Test	-Log10 T Test	Description
Q791T5	Mtch1	1.100457026	0.138102807	0.077284937	1.111905143	Mitochondrial carrier homolog 1 OS=Mus musculus GN=Mtch1 PE=2 SV=1
Q922R8	Pdia6	0.876223681	-0.190628889	0.07745255	1.110964278	Protein disulfide-isomerase A6 OS=Mus musculus GN=Pdia6 PE=1 SV=3
Q6ZWY3	Rps27l	0.907338893	-0.140286594	0.077613202	1.110064396	40S ribosomal protein S27-like OS=Mus musculus GN=Rps27l PE=2 SV=3
P70232-2	Chl1	0.837783063	-0.255351377	0.077614691	1.110056067	Isoform 2 of Neural cell adhesion molecule L1-like protein OS=Mus musculus GN=Chl1
Q8K4R4-3	Pitpnc1	0.908184497	-0.138942685	0.077637856	1.109926464	Isoform 3 of Cytoplasmic phosphatidylinositol transfer protein 1 OS=Mus musculus GN=Pitpnc1
Q9WV60	Gsk3b	0.842412541	-0.24740118	0.077862685	1.108670627	Glycogen synthase kinase-3 beta OS=Mus musculus GN=Gsk3b PE=1 SV=2
P62900	Rpl31	0.870130418	-0.200696441	0.077949724	1.108185419	60S ribosomal protein L31 OS=Mus musculus GN=Rpl31 PE=1 SV=1
P40240	Cd9	1.520094805	0.604161304	0.078460406	1.10534945	CD9 antigen OS=Mus musculus GN=Cd9 PE=1 SV=2
Q99KQ4	Nampt	1.102329484	0.140555508	0.078471541	1.105287816	Nicotinamide phosphoribosyltransferase OS=Mus musculus GN=Nampt PE=1 SV=1
Q8R366	Igsf8	1.234981427	0.304489345	0.078533057	1.104947494	Immunoglobulin superfamily member 8 OS=Mus musculus GN=Igsf8 PE=1 SV=2
Q8K1M6-3	Dnm1l	1.04163433	0.058848903	0.078630411	1.104409455	Isoform 3 of Dynamin-1-like protein OS=Mus musculus GN=Dnm1l
P62743	Ap2s1	1.06496173	0.090801587	0.07905208	1.102086696	AP-2 complex subunit sigma OS=Mus musculus GN=Ap2s1 PE=1 SV=1
P56382	Atp5e	1.265909358	0.340174109	0.079244804	1.101029206	ATP synthase subunit epsilon, mitochondrial OS=Mus musculus GN=Atp5e PE=1 SV=2
P16330	Cnp	1.329275507	0.41064015	0.079404783	1.100153334	2',3'-cyclic-nucleotide 3'-phosphodiesterase OS=Mus musculus GN=Cnp PE=1 SV=3
Q812A2	Srgap3	0.853092667	-0.229225632	0.079799581	1.097999386	SLIT-ROBO Rho GTPase-activating protein 3 OS=Mus musculus GN=Srgap3 PE=1 SV=1
P83940	Tceb1	1.067100022	0.09369541	0.080019244	1.096805557	Transcription elongation factor B polypeptide 1 OS=Mus musculus GN=Tceb1 PE=1 SV=1
D3YVF0	Akap5	1.080772781	0.112063246	0.08041037	1.094687939	A-kinase anchor protein 5 OS=Mus musculus GN=Akap5 PE=1 SV=2
P56959	Fus	0.96285109	-0.0546154	0.080576429	1.093791986	RNA-binding protein FUS OS=Mus musculus GN=Fus PE=2 SV=1
P60603	Romo1	1.09371316	0.129234422	0.08067536	1.093259086	Reactive oxygen species modulator 1 OS=Mus musculus GN=Romo1 PE=2 SV=1
Q9D1E6	Tbcb	0.90067534	-0.150920933	0.08082015	1.092480347	Tubulin-folding cofactor B OS=Mus musculus GN=Tbcb PE=1 SV=2
P09602	Hmgn2	0.727257319	-0.459462184	0.080976614	1.091640387	Non-histone chromosomal protein HMG-17 OS=Mus musculus GN=Hmgn2 PE=1 SV=2
P28352	Apex1	1.057081368	0.080086431	0.081102303	1.090966816	DNA-(apurinic or apyrimidinic site) lyase OS=Mus musculus GN=Apex1 PE=1 SV=2
Q8R010	Aimp2	0.870396458	-0.20025541	0.081213375	1.090372443	Aminoacyl tRNA synthase complex-interacting multifunctional protein 2 OS=Mus musculus GN=Aimp2 PE=1 SV=2
Q9JIG8	Praf2	1.150900674	0.20276333	0.081244472	1.090206181	PRA1 family protein 2 OS=Mus musculus GN=Praf2 PE=2 SV=1
Q9Z2D6	Mecp2	1.090607958	0.125132587	0.081274618	1.090045063	Methyl-CpG-binding protein 2 OS=Mus musculus GN=Mecp2 PE=1 SV=1
Q0KL02-2	Trio	1.060806695	0.085161786	0.081450236	1.089107653	Isoform 2 of Triple functional domain protein OS=Mus musculus GN=Trio
Q6IRU5	Cltb	1.108035854	0.148004566	0.081688529	1.087838927	Clathrin light chain B OS=Mus musculus GN=Cltb PE=1 SV=1
Q60972	Rbbp4	0.905612161	-0.143034763	0.082332287	1.08442982	Histone-binding protein RBBP4 OS=Mus musculus GN=Rbbp4 PE=1 SV=5
Q8K1M6	Dnm1l	1.041191203	0.058235027	0.082335556	1.084412577	Dynamin-1-like protein OS=Mus musculus GN=Dnm1l PE=1 SV=2
Q7TMB8	Cyfip1	1.06425385	0.089842309	0.082532306	1.083376019	Cytoplasmic FMR1-interacting protein 1 OS=Mus musculus GN=Cyfip1 PE=1 SV=1
P55821	Stmn2	0.881264911	-0.182352331	0.082627683	1.082874427	Stathmin-2 OS=Mus musculus GN=Stmn2 PE=1 SV=1
Q9DC07	Nebl	1.11564441	0.15787727	0.082859153	1.081659511	LIM zinc-binding domain-containing Nebulette OS=Mus musculus GN=Nebl PE=2 SV=1
Q9DBF1	Aldh7a1	1.060196427	0.084331584	0.082926652	1.081305866	Alpha-aminoadipic semialdehyde dehydrogenase OS=Mus musculus GN=Aldh7a1 PE=1 SV=4
Q8K1M6-4	Dnm1l	1.041845354	0.059141147	0.083423341	1.078712419	Isoform 4 of Dynamin-1-like protein OS=Mus musculus GN=Dnm1l
Q5DU25	Iqsec2	0.954650681	-0.066955166	0.08346507	1.078495238	IQ motif and SEC7 domain-containing protein 2 OS=Mus musculus GN=Iqsec2 PE=1 SV=3
Q7TN79	Akap7	0.862932713	-0.212680024	0.083520752	1.078205603	A-kinase anchor protein 7 isoform gamma OS=Mus musculus GN=Akap7 PE=1 SV=2
Q8R1N4-4	Nudcd3	0.892280518	-0.164430755	0.083689806	1.077327437	Isoform 4 of NudC domain-containing protein 3 OS=Mus musculus GN=Nudcd3
Q9CQ40	Mrpl49	1.159879441	0.213974858	0.084027952	1.075576223	39S ribosomal protein L49, mitochondrial OS=Mus musculus GN=Mrpl49 PE=2 SV=1
Q99NE5-2	Rims1	1.206139439	0.270396704	0.084122718	1.075086706	Isoform 2 of Regulating synaptic membrane exocytosis protein 1 OS=Mus musculus GN=Rims1
Q9ESJ4	Nckipsd	1.190439475	0.251494272	0.084204455	1.074664929	NCK-interacting protein with SH3 domain OS=Mus musculus GN=Nckipsd PE=2 SV=2
Q8K0T0	Rtn1	1.096722997	0.133199186	0.084352117	1.073904013	Reticulon-1 OS=Mus musculus GN=Rtn1 PE=1 SV=1
P61979-3	Hnrnpk	0.926869633	-0.109561661	0.084587061	1.072696066	Isoform 3 of Heterogeneous nuclear ribonucleoprotein K OS=Mus musculus GN=Hnrnpk
Q9EQH3	Vps35	1.039946332	0.056509078	0.084637052	1.072439474	Vacuolar protein sorting-associated protein 35 OS=Mus musculus GN=Vps35 PE=1 SV=1
Q922Q9	Chid1	0.901026987	-0.150357777	0.085625199	1.067398408	Chitinase domain-containing protein 1 OS=Mus musculus GN=Chid1 PE=2 SV=1
Q99PU8-3	Dhx30	0.829771701	-0.26921364	0.085894684	1.066033714	Isoform 3 of Putative ATP-dependent RNA helicase DHX30 OS=Mus musculus GN=Dhx30
Q02248	Ctnnb1	1.037622928	0.053282263	0.086006797	1.065467225	Catenin beta-1 OS=Mus musculus GN=Ctnnb1 PE=1 SV=1
P12970	Rpl7a	0.936585138	-0.09451795	0.08609437	1.065025249	60S ribosomal protein L7a OS=Mus musculus GN=Rpl7a PE=2 SV=2
Q8BLJ3	Plcxd3	1.230381803	0.299106072	0.086558204	1.062691766	PI-PLC X domain-containing protein 3 OS=Mus musculus GN=Plcxd3 PE=2 SV=1
Q9D187	Fam96b	0.695001621	-0.524911751	0.086598548	1.06248939	Mitotic spindle-associated MMXD complex subunit MIP18 OS=Mus musculus GN=Fam96b PE=2 SV=1
Q9CQE8		0.96595047	-0.04997888	0.086739608	1.061782544	UPF0568 protein C14orf166 homolog OS=Mus musculus PE=2 SV=1
Q9QXT0	Cnpy2	1.328685393	0.409999543	0.087108423	1.059939848	Protein canopy homolog 2 OS=Mus musculus GN=Cnpy2 PE=1 SV=1
Q8JZN5	Acad9	1.068350101	0.095384499	0.08724744	1.059247307	Acyl-CoA dehydrogenase family member 9, mitochondrial OS=Mus musculus GN=Acad9 PE=1 SV=2
Q8C878	Uba3	1.106165793	0.145567634	0.087457479	1.058203047	NEDD8-activating enzyme E1 catalytic subunit OS=Mus musculus GN=Uba3 PE=1 SV=2
Q6IRU5-2	Cltb	1.112530369	0.153844718	0.087751051	1.056747672	Isoform 2 of Clathrin light chain B OS=Mus musculus GN=Cltb
Q99L45	Eif2s2	0.941041609	-0.087669581	0.088005855	1.055488431	Eukaryotic translation initiation factor 2 subunit 2 OS=Mus musculus GN=Eif2s2 PE=1 SV=1
Q6PFD5	Dlgap3	0.449870862	-1.152417169	0.088352243	1.05378242	Disks large-associated protein 3 OS=Mus musculus GN=Dlgap3 PE=1 SV=1
Q8C078-2	Camkk2	1.1190889	0.162324648	0.088380503	1.053643532	Isoform 2 of Calcium/calmodulin-dependent protein kinase kinase 2 OS=Mus musculus GN=Camkk2
P56379	Mp68	1.076455693	0.10628894	0.088726175	1.05194824	6.8 kDa mitochondrial proteolipid OS=Mus musculus GN=Mp68 PE=2 SV=1
P28659-3	Celf1	0.876766877	-0.189734799	0.08877505	1.051709075	Isoform 3 of CUGBP Elav-like family member 1 OS=Mus musculus GN=Celf1
P60766-1	Cdc42	1.047245874	0.0666002	0.088784355	1.051663554	Isoform 1 of Cell division control protein 42 homolog OS=Mus musculus GN=Cdc42
P97765	Wbp2	1.144608749	0.19485454	0.088874682	1.051221938	WW domain-binding protein 2 OS=Mus musculus GN=Wbp2 PE=1 SV=1
Q9DAK9	Phpt1	0.926070352	-0.110806298	0.089309728	1.049101235	14 kDa phosphohistidine phosphatase OS=Mus musculus GN=Phpt1 PE=2 SV=1
Q64433	Hspe1	1.063446748	0.088747792	0.089625133	1.047570187	10 kDa heat shock protein, mitochondrial OS=Mus musculus GN=Hspe1 PE=1 SV=2
Q8VDW0-2	Ddx39a	0.891262753	-0.16607728	0.089667202	1.047366381	Isoform 2 of ATP-dependent RNA helicase DDX39A OS=Mus musculus GN=Ddx39a
Q80X50-3	Ubap2l	0.80700094	-0.309357741	0.089709151	1.047163252	Isoform 3 of Ubiquitin-associated protein 2-like OS=Mus musculus GN=Ubap2l
Q8VBW6	Nae1	1.156262686	0.209469194	0.08975164	1.046957605	NEDD8-activating enzyme E1 regulatory subunit OS=Mus musculus GN=Nae1 PE=1 SV=1
Q8BWR2	Pithd1	1.07921933	0.109988094	0.089814898	1.046651619	PITH domain-containing protein 1 OS=Mus musculus GN=Pithd1 PE=2 SV=1
P60229	Eif3e	0.878850648	-0.18631008	0.090197491	1.044805541	Eukaryotic translation initiation factor 3 subunit E OS=Mus musculus GN=Eif3e PE=1 SV=1
Q9CXS4	Cenpv	1.065737294	0.091851855	0.090262671	1.044491817	Centromere protein V OS=Mus musculus GN=Cenpv PE=2 SV=2
P48453	Ppp3cb	1.051268767	0.072131555	0.090745055	1.042177034	Serine/threonine-protein phosphatase 2B catalytic subunit beta isoform OS=Mus musculus GN=Ppp3cb PE=1 SV=2
Q00PI9	Hnrnpul2	0.930634759	-0.103713023	0.090818061	1.041827775	Heterogeneous nuclear ribonucleoprotein U-like protein 2 OS=Mus musculus GN=Hnrnpul2 PE=1 SV=2
Q9Z2Z6	Slc25a20	1.541360512	0.624204336	0.090834041	1.041751367	Mitochondrial carnitine/acylcarnitine carrier protein OS=Mus musculus GN=Slc25a20 PE=1 SV=1
Q91ZR1	Rab4b	1.458953655	0.544934055	0.091117451	1.040398436	Ras-related protein Rab-4B OS=Mus musculus GN=Rab4b PE=2 SV=2
P12961	Scg5	0.783481182	-0.35202947	0.091249698	1.039768565	Neuroendocrine protein 7B2 OS=Mus musculus GN=Scg5 PE=1 SV=1
P47857	Pfkm	1.058318146	0.081773389	0.091276815	1.039639521	6-phosphofructokinase, muscle type OS=Mus musculus GN=Pfkm PE=1 SV=3
Q99J85	Nptxr	0.905663789	-0.142952519	0.091417704	1.038969689	Neuronal pentraxin receptor OS=Mus musculus GN=Nptxr PE=1 SV=1
P48453-2	Ppp3cb	1.051135204	0.07194825	0.091424873	1.038935632	Isoform 1 of Serine/threonine-protein phosphatase 2B catalytic subunit beta isoform OS=Mus musculus GN=Ppp3cb
Q9D9V3	Echdc1	1.244208008	0.315227697	0.091462137	1.038758657	Ethylmalonyl-CoA decarboxylase OS=Mus musculus GN=Echdc1 PE=1 SV=2
Q8BI84-2	Mia3	1.293378995	0.371145086	0.09154487	1.038365989	Isoform 2 of Melanoma inhibitory activity protein 3 OS=Mus musculus GN=Mia3
P03921	Mtnd5	1.272547388	0.347719381	0.091699903	1.037631126	NADH-ubiquinone oxidoreductase chain 5 OS=Mus musculus GN=Mtnd5 PE=3 SV=2
Q925E7	Ppp2r2d	0.890921957	-0.166629035	0.091749463	1.037396469	Serine/threonine-protein phosphatase 2A 55 kDa regulatory subunit B delta isoform OS=Mus musculus GN=Ppp2r2d PE=2 SV=1
Q99KB8	Hagh	1.169763117	0.226216407	0.091816292	1.037080249	Hydroxyacylglutathione hydrolase, mitochondrial OS=Mus musculus GN=Hagh PE=1 SV=2
Q9D7X3	Dusp3	1.062990565	0.088128791	0.0921237	1.035628626	Dual specificity protein phosphatase 3 OS=Mus musculus GN=Dusp3 PE=1 SV=1
Q91ZA3	Pcca	1.053275049	0.074882226	0.092256404	1.035003478	Propionyl-CoA carboxylase alpha chain, mitochondrial OS=Mus musculus GN=Pcca PE=1 SV=2
Q9WTQ5	Akap12	0.872234444	-0.197212133	0.092617572	1.033306611	A-kinase anchor protein 12 OS=Mus musculus GN=Akap12 PE=1 SV=1
Q5EBJ4	Ermn	1.312570626	0.392395053	0.092975177	1.031632984	Ermin OS=Mus musculus GN=Ermn PE=1 SV=1
P31324	Prkar2b	0.944340106	-0.082621552	0.09301305	1.031456112	cAMP-dependent protein kinase type II-beta regulatory subunit OS=Mus musculus GN=Prkar2b PE=1 SV=3
Q8C0C7	Farsa	0.941161849	-0.087485255	0.093154939	1.030794116	Phenylalanine--tRNA ligase alpha subunit OS=Mus musculus GN=Farsa PE=2 SV=1
P46061	Rangap1	1.099276575	0.13655441	0.093351391	1.029879208	Ran GTPase-activating protein 1 OS=Mus musculus GN=Rangap1 PE=1 SV=2
Q8CAK3		1.149258902	0.200703841	0.093416766	1.029575173	UPF0515 protein C19orf66 homolog OS=Mus musculus PE=2 SV=1
Q8CFI0-3	Nedd4l	1.156023992	0.20917134	0.093556051	1.028928117	Isoform 3 of E3 ubiquitin-protein ligase NEDD4-like OS=Mus musculus GN=Nedd4l
P10637-4	Mapt	0.90115334	-0.15015548	0.093730793	1.028117709	Isoform Tau-C of Microtubule-associated protein tau OS=Mus musculus GN=Mapt
Q7TNV0	Dek	0.855102133	-0.22583135	0.093737536	1.028086466	Protein DEK OS=Mus musculus GN=Dek PE=1 SV=1
P19253	Rpl13a	0.956653308	-0.06393191	0.094202765	1.025936351	60S ribosomal protein L13a OS=Mus musculus GN=Rpl13a PE=1 SV=4
Q91XM9-5	Dlg2	1.204411184	0.26832801	0.094245691	1.025738499	Isoform 5 of Disks large homolog 2 OS=Mus musculus GN=Dlg2
Q8K2C9	ptplad1	1.115693895	0.157941259	0.094282357	1.025569571	Very-long-chain (3R)-3-hydroxyacyl-[acyl-carrier protein] dehydratase 3 OS=Mus musculus GN=ptplad1 PE=1 SV=2
Q6P5F6	Slc39a10	1.130675399	0.177184812	0.09431976	1.025397312	Zinc transporter ZIP10 OS=Mus musculus GN=Slc39a10 PE=1 SV=1
Q64331	Myo6	0.865118996	-0.209029508	0.094695869	1.023668966	Unconventional myosin-VI OS=Mus musculus GN=Myo6 PE=1 SV=1
Q9D868-2	Ppih	0.841996137	-0.248114481	0.094773349	1.02331377	Isoform 2 of Peptidyl-prolyl cis-trans isomerase H OS=Mus musculus GN=Ppih
Q7TMB8-2	Cyfip1	1.061093349	0.085551582	0.094880068	1.022825014	Isoform 2 of Cytoplasmic FMR1-interacting protein 1 OS=Mus musculus GN=Cyfip1
Q80V26	Impad1	0.912730951	-0.13173844	0.095075314	1.02193223	Inositol monophosphatase 3 OS=Mus musculus GN=Impad1 PE=1 SV=1
Q61990	Pcbp2	0.941005892	-0.087724338	0.095110529	1.021771404	Poly(rC)-binding protein 2 OS=Mus musculus GN=Pcbp2 PE=1 SV=1
Q3THS6	Mat2a	1.119552755	0.162922512	0.095219882	1.021272359	S-adenosylmethionine synthase isoform type-2 OS=Mus musculus GN=Mat2a PE=2 SV=2
O35326	Srsf5	0.910780684	-0.134824399	0.09535672	1.020648695	Serine/arginine-rich splicing factor 5 OS=Mus musculus GN=Srsf5 PE=1 SV=2
Q61792	Lasp1	1.109666187	0.150125746	0.095367171	1.0206011	LIM and SH3 domain protein 1 OS=Mus musculus GN=Lasp1 PE=1 SV=1
P14576	Srp54	1.073494826	0.102315238	0.095652123	1.019305388	Signal recognition particle 54 kDa protein OS=Mus musculus GN=Srp54 PE=1 SV=2
Q8BKX1-3	Baiap2	1.061016835	0.085447547	0.096170386	1.016958641	Isoform 3 of Brain-specific angiogenesis inhibitor 1-associated protein 2 OS=Mus musculus GN=Baiap2
Q01853	Vcp	0.930524046	-0.103884664	0.09617538	1.016936088	Transitional endoplasmic reticulum ATPase OS=Mus musculus GN=Vcp PE=1 SV=4
Q99JI4	Psmd6	0.8879512	-0.171447704	0.097008455	1.013190412	26S proteasome non-ATPase regulatory subunit 6 OS=Mus musculus GN=Psmd6 PE=1 SV=1
Q9EPC1	Parva	1.244770982	0.315880334	0.097080855	1.012866409	Alpha-parvin OS=Mus musculus GN=Parva PE=1 SV=1
P58252	Eef2	0.962288513	-0.055458587	0.097098693	1.012786614	Elongation factor 2 OS=Mus musculus GN=Eef2 PE=1 SV=2
Q921G7	Etfdh	1.097236407	0.133874398	0.097269519	1.012023231	Electron transfer flavoprotein-ubiquinone oxidoreductase, mitochondrial OS=Mus musculus GN=Etfdh PE=1 SV=1
P62862	Fau	0.856170697	-0.224029636	0.09789986	1.009217928	40S ribosomal protein S30 OS=Mus musculus GN=Fau PE=1 SV=1
Q8BH55	Thnsl1	1.076675758	0.106583846	0.098173991	1.008003551	Threonine synthase-like 1 OS=Mus musculus GN=Thnsl1 PE=2 SV=1
Q91VD9	Ndufs1	1.050231996	0.070708054	0.09820162	1.007881347	NADH-ubiquinone oxidoreductase 75 kDa subunit, mitochondrial OS=Mus musculus GN=Ndufs1 PE=1 SV=2
P35803-6	Gpm6b	0.889671934	-0.168654654	0.098499528	1.006565852	Isoform 6 of Neuronal membrane glycoprotein M6-b OS=Mus musculus GN=Gpm6b
P06837	Gap43	0.902930284	-0.147313494	0.098640219	1.005945974	Neuromodulin OS=Mus musculus GN=Gap43 PE=1 SV=1

Accession	Gene	Fold Change (KO vs. WT)	Log2 Fold Change	Students T Test	-Log10 T Test	Description
Q91W69	Epn3	1.081812648	0.11345067	0.098704872	1.005661141	Epsin-3 OS=Mus musculus GN=Epn3 PE=2 SV=1
P08553	Nefm	1.132196022	0.17912376	0.098894747	1.004826777	Neurofilament medium polypeptide OS=Mus musculus GN=Nefm PE=1 SV=4
Q8BYI9	Tnr	1.077324271	0.107452562	0.099130413	1.003793082	Tenascin-R OS=Mus musculus GN=Tnr PE=1 SV=2
Q00623	Apoa1	0.856462839	-0.223537444	0.099172507	1.003608708	Apolipoprotein A-I OS=Mus musculus GN=Apoa1 PE=1 SV=2
Q9CQ75	Ndufa2	1.10849671	0.148604488	0.099365785	1.002763131	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 2 OS=Mus musculus GN=Ndufa2 PE=1 SV=3
P61290	Psme3	0.873471642	-0.19516723	0.099411298	1.002564256	Proteasome activator complex subunit 3 OS=Mus musculus GN=Psme3 PE=1 SV=1
Q8CCS6	Pabpn1	1.076280413	0.106054005	0.099514634	1.00211305	Polyadenylate-binding protein 2 OS=Mus musculus GN=Pabpn1 PE=2 SV=3
P97371	Psme1	0.874346511	-0.193722949	0.099627702	1.001619885	Proteasome activator complex subunit 1 OS=Mus musculus GN=Psme1 PE=2 SV=2
Q3UPL0-3	Sec31a	0.904156437	-0.145355686	0.099662618	1.001467708	Isoform 3 of Protein transport protein Sec31A OS=Mus musculus GN=Sec31a
Q04735	Cdk16	1.148318666	0.199523054	0.099833067	1.000725587	Cyclin-dependent kinase 16 OS=Mus musculus GN=Cdk16 PE=1 SV=1
Q8K009	Aldh1l2	0.798558394	-0.324530187	0.099874769	1.00054421	Mitochondrial 10-formyltetrahydrofolate dehydrogenase OS=Mus musculus GN=Aldh1l2 PE=1 SV=2
Q91VC3	Eif4a3	0.884912672	-0.176393006	0.099911603	1.000384074	Eukaryotic initiation factor 4A-III OS=Mus musculus GN=Eif4a3 PE=2 SV=3
Q8BJ42	Dlgap2	0.661650449	-0.595858854	0.100111761	0.9995149	Disks large-associated protein 2 OS=Mus musculus GN=Dlgap2 PE=1 SV=2
Q9QZ06	Tollip	1.095484567	0.13156916	0.100689146	0.997017344	Toll-interacting protein OS=Mus musculus GN=Tollip PE=1 SV=1
P35564	Canx	0.897202337	-0.156494716	0.101213765	0.994760421	Calnexin OS=Mus musculus GN=Canx PE=1 SV=1
Q9CQ22	Lamtor1	1.237716064	0.307680394	0.101261931	0.994553795	Ragulator complex protein LAMTOR1 OS=Mus musculus GN=Lamtor1 PE=1 SV=1
Q8BK30	Ndufv3	1.188006039	0.24854217	0.101325493	0.994281275	NADH dehydrogenase [ubiquinone] flavoprotein 3, mitochondrial OS=Mus musculus GN=Ndufv3 PE=2 SV=1
Q9Z140	Cpne6	0.87309822	-0.195784134	0.101339982	0.994219176	Copine-6 OS=Mus musculus GN=Cpne6 PE=2 SV=1
Q9CQH3	Ndufb5	1.081301636	0.112769028	0.101709893	0.992636804	NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 5, mitochondrial OS=Mus musculus GN=Ndufb5 PE=1 SV=1
Q9R1P1	Psmb3	0.866480053	-0.206761557	0.101782891	0.992325217	Proteasome subunit beta type-3 OS=Mus musculus GN=Psmb3 PE=1 SV=1
Q99N28	Cadm3	1.611014542	0.687969517	0.102049415	0.991189479	Cell adhesion molecule 3 OS=Mus musculus GN=Cadm3 PE=1 SV=1
Q06185	Atp5i	1.199362758	0.26226808	0.10208656	0.991031431	ATP synthase subunit e, mitochondrial OS=Mus musculus GN=Atp5i PE=1 SV=2
Q08509	Eps8	1.596248006	0.674684817	0.102230007	0.99042161	Epidermal growth factor receptor kinase substrate 8 OS=Mus musculus GN=Eps8 PE=1 SV=2
O55023	Impa1	1.068188417	0.095166145	0.10229157	0.990160157	Inositol monophosphatase 1 OS=Mus musculus GN=Impa1 PE=1 SV=1
O54879	Hmgb3	0.780499312	-0.357530734	0.102292069	0.990158036	High mobility group protein B3 OS=Mus musculus GN=Hmgb3 PE=2 SV=3
Q8C078-4	Camkk2	1.129177074	0.175271743	0.102453475	0.989473308	Isoform 4 of Calcium/calmodulin-dependent protein kinase kinase 2 OS=Mus musculus GN=Camkk2
Q8BFS6-5	Cpped1	1.100335026	0.137942857	0.10245663	0.989459935	Isoform 5 of Calcineurin-like phosphoesterase domain-containing protein 1 OS=Mus musculus GN=Cpped1
Q3UPH1	Prrc1	0.807660565	-0.308178995	0.102486287	0.989334241	Protein PRRC1 OS=Mus musculus GN=Prrc1 PE=2 SV=1
B1AS29	Grik3	0.825290083	-0.277026791	0.103121174	0.986652149	Glutamate receptor ionotropic, kainate 3 OS=Mus musculus GN=Grik3 PE=2 SV=1
Q61656	Ddx5	0.911121969	-0.134283899	0.103520954	0.984971734	Probable ATP-dependent RNA helicase DDX5 OS=Mus musculus GN=Ddx5 PE=1 SV=2
P14231	Atp1b2	1.052844839	0.074292838	0.10352528	0.984953588	Sodium/potassium-transporting ATPase subunit beta-2 OS=Mus musculus GN=Atp1b2 PE=1 SV=2
O35864	Cops5	1.068995859	0.096256265	0.103897292	0.983395773	COP9 signalosome complex subunit 5 OS=Mus musculus GN=Cops5 PE=1 SV=3
Q9ET30	Tm9sf3	0.820863097	-0.284786465	0.103997365	0.982977663	Transmembrane 9 superfamily member 3 OS=Mus musculus GN=Tm9sf3 PE=1 SV=1
O70251	Eef1b	0.920793311	-0.119050742	0.104042704	0.982788371	Elongation factor 1-beta OS=Mus musculus GN=Eef1b PE=1 SV=5
P47757-4	Capzb	1.035377221	0.050156484	0.104065275	0.982694166	Isoform 3 of F-actin-capping protein subunit beta OS=Mus musculus GN=Capzb
Q9Z1Z2	Strap	0.957249066	-0.063033747	0.104209152	0.98209414	Serine-threonine kinase receptor-associated protein OS=Mus musculus GN=Strap PE=1 SV=2
Q00612	G6pdx	1.169060253	0.225349288	0.10448918	0.980928679	Glucose-6-phosphate 1-dehydrogenase X OS=Mus musculus GN=G6pdx PE=1 SV=3
Q8R016	Blmh	0.975996021	-0.035052829	0.104522679	0.980789469	Bleomycin hydrolase OS=Mus musculus GN=Blmh PE=1 SV=1
Q8BP27-3	Sfr1	1.254166374	0.326728744	0.104543659	0.980702304	Isoform 3 of Swi5-dependent recombination DNA repair protein 1 homolog OS=Mus musculus GN=Sfr1
Q9WVA4	Tagln2	1.05730928	0.08039745	0.104669614	0.980179376	Transgelin-2 OS=Mus musculus GN=Tagln2 PE=1 SV=4
Q810U3	Nfasc	1.088122996	0.12184164	0.105362192	0.977315203	Neurofascin OS=Mus musculus GN=Nfasc PE=1 SV=1
Q921W4	Cryzl1	1.087765447	0.121367504	0.105482073	0.976821344	Quinone oxidoreductase-like protein 1 OS=Mus musculus GN=Cryzl1 PE=2 SV=1
P62746	Rhob	0.932589818	-0.100685416	0.105945101	0.974919122	Rho-related GTP-binding protein RhoB OS=Mus musculus GN=Rhob PE=1 SV=1
Q9Z2Y3-5	Homer1	1.070984272	0.098937294	0.106001513	0.974687934	Isoform 5 of Homer protein homolog 1 OS=Mus musculus GN=Homer1
Q61990-3	Pcbp2	0.943145674	-0.084447474	0.106588725	0.972288732	Isoform 3 of Poly(rC)-binding protein 2 OS=Mus musculus GN=Pcbp2
P16381	D1Pas1	0.956017747	-0.064890695	0.106651633	0.972032491	Putative ATP-dependent RNA helicase Pl10 OS=Mus musculus GN=D1Pas1 PE=2 SV=1
Q6ZWV7	Rpl35	0.902113205	-0.148619607	0.106680117	0.971916515	60S ribosomal protein L35 OS=Mus musculus GN=Rpl35 PE=2 SV=1
O88712	Ctbp1	1.105598982	0.144828192	0.106740259	0.971671746	C-terminal-binding protein 1 OS=Mus musculus GN=Ctbp1 PE=1 SV=2
Q62318	Trim28	0.93926481	-0.090396136	0.107415006	0.968935043	Transcription intermediary factor 1-beta OS=Mus musculus GN=Trim28 PE=1 SV=3
P31254	Uba1y	0.949800726	-0.074303236	0.107844364	0.967202547	Ubiquitin-like modifier-activating enzyme 1 Y OS=Mus musculus GN=Uba1y PE=2 SV=2
P41105	Rpl28	0.925144963	-0.112248652	0.107861682	0.967132812	60S ribosomal protein L28 OS=Mus musculus GN=Rpl28 PE=1 SV=2
Q9CQ06	Mrpl24	1.287314575	0.364364641	0.108824021	0.963275232	39S ribosomal protein L24, mitochondrial OS=Mus musculus GN=Mrpl24 PE=2 SV=1
P48318	Gad1	1.072508615	0.100989237	0.108924481	0.962874502	Glutamate decarboxylase 1 OS=Mus musculus GN=Gad1 PE=2 SV=2
Q99MR3	Slc12a9	1.208868441	0.273657247	0.109153425	0.961962632	Solute carrier family 12 member 9 OS=Mus musculus GN=Slc12a9 PE=1 SV=2
P35979	Rpl12	0.931411751	-0.102509011	0.109228491	0.961664068	60S ribosomal protein L12 OS=Mus musculus GN=Rpl12 PE=1 SV=2
Q9WU65	Gk2	1.220301032	0.287237086	0.109332543	0.961250552	Glycerol kinase 2 OS=Mus musculus GN=Gk2 PE=2 SV=1
Q62318-2	Trim28	0.938446119	-0.09165418	0.109665981	0.959928073	Isoform 2 of Transcription intermediary factor 1-beta OS=Mus musculus GN=Trim28
Q8CFV4	Nrn1	1.22687375	0.294986797	0.109819872	0.959319065	Neuritin OS=Mus musculus GN=Nrn1 PE=1 SV=1
Q5PR73	Diras2	0.930641528	-0.10370253	0.110140746	0.958051987	GTP-binding protein Di-Ras2 OS=Mus musculus GN=Diras2 PE=2 SV=1
Q80TM6-3	R3hdm2	1.191202207	0.252418332	0.110180888	0.957893732	Isoform 3 of R3H domain-containing protein 2 OS=Mus musculus GN=R3hdm2
Q8R3V5-3	Sh3glb2	1.072194071	0.100566062	0.111069259	0.954406126	Isoform 3 of Endophilin-B2 OS=Mus musculus GN=Sh3glb2
Q91W90	Txndc5	1.156571431	0.209854371	0.111083438	0.954350688	Thioredoxin domain-containing protein 5 OS=Mus musculus GN=Txndc5 PE=1 SV=2
Q3UH66-3	Wnk2	0.748340524	-0.418233192	0.111328254	0.953394601	Isoform 3 of Serine/threonine-protein kinase WNK2 OS=Mus musculus GN=Wnk2
Q9Z1T1	Ap3b1	0.860681523	-0.216448597	0.111383802	0.953177962	AP-3 complex subunit beta-1 OS=Mus musculus GN=Ap3b1 PE=1 SV=2
Q9JLJ2	Aldh9a1	0.879020149	-0.186031859	0.111391715	0.953147109	4-trimethylaminobutyraldehyde dehydrogenase OS=Mus musculus GN=Aldh9a1 PE=1 SV=1
Q8BKX1-4	Baiap2	1.057715661	0.080951849	0.11174441	0.951774193	Isoform 4 of Brain-specific angiogenesis inhibitor 1-associated protein 2 OS=Mus musculus GN=Baiap2
Q3UX10	Tubal3	0.92096428	-0.118782893	0.111921013	0.951088369	Tubulin alpha chain-like 3 OS=Mus musculus GN=Tubal3 PE=2 SV=2
Q8QZY9	Sf3b4	0.914953311	-0.128229969	0.112182327	0.950075557	Splicing factor 3B subunit 4 OS=Mus musculus GN=Sf3b4 PE=2 SV=1
P56564	Slc1a3	1.183647427	0.243239409	0.112278451	0.949703589	Excitatory amino acid transporter 1 OS=Mus musculus GN=Slc1a3 PE=1 SV=2
Q99JB8	Pacsin3	0.852423292	-0.23035808	0.112737905	0.947930039	Protein kinase C and casein kinase II substrate protein 3 OS=Mus musculus GN=Pacsin3 PE=1 SV=1
P05213	Tuba1b	0.926860128	-0.109576457	0.112778651	0.947773104	Tubulin alpha-1B chain OS=Mus musculus GN=Tuba1b PE=1 SV=2
Q8BI84-3	Mia3	0.822072237	-0.282662923	0.113094947	0.946556798	Isoform 3 of Melanoma inhibitory activity protein 3 OS=Mus musculus GN=Mia3
Q921M7	Fam49b	1.026565424	0.037825575	0.113364904	0.945521377	Protein FAM49B OS=Mus musculus GN=Fam49b PE=2 SV=1
Q8BGN3	Enpp6	1.4519307	0.537972596	0.113473311	0.945106273	Ectonucleotide pyrophosphatase/phosphodiesterase family member 6 OS=Mus musculus GN=Enpp6 PE=2 SV=1
Q99L47	St13	0.90984532	-0.136306796	0.113705211	0.944219632	Hsc70-interacting protein OS=Mus musculus GN=St13 PE=1 SV=1
Q91V41	Rab14	1.03296784	0.046795339	0.113996757	0.943107503	Ras-related protein Rab-14 OS=Mus musculus GN=Rab14 PE=1 SV=3
Q8CCK0	H2afy2	0.95343124	-0.068799197	0.114360435	0.941724203	Core histone macro-H2A.2 OS=Mus musculus GN=H2afy2 PE=1 SV=3
O35900	Lsm2	0.942627486	-0.085240345	0.114669664	0.940551459	U6 snRNA-associated Sm-like protein LSm2 OS=Mus musculus GN=Lsm2 PE=3 SV=1
Q8CDG3	Vcpip1	1.22660869	0.294675077	0.115154281	0.938719911	Deubiquitinating protein VCIP135 OS=Mus musculus GN=Vcpip1 PE=2 SV=1
Q8CFP6	Dnajc27	0.778897137	-0.36049528	0.115392241	0.937823391	DnaJ homolog subfamily C member 27 OS=Mus musculus GN=Dnajc27 PE=2 SV=1
Q925N0	Sfxn5	1.068886529	0.096108707	0.115630529	0.936927488	Sideroflexin-5 OS=Mus musculus GN=Sfxn5 PE=1 SV=2
Q8VCX5-3	Micu1	1.145475612	0.195946742	0.116169177	0.934909086	Isoform 3 of Calcium uptake protein 1, mitochondrial OS=Mus musculus GN=Micu1
Q9QZ73	Dcun1d1	0.865254587	-0.20880341	0.116492815	0.933700861	DCN1-like protein 1 OS=Mus musculus GN=Dcun1d1 PE=2 SV=1
Q8C1B1	Camsap2	0.867208826	-0.205548655	0.11662331	0.933214635	Calmodulin-regulated spectrin-associated protein 2 OS=Mus musculus GN=Camsap2 PE=1 SV=3
P24549	Aldh1a1	1.453683817	0.539713511	0.116914435	0.932131864	Retinal dehydrogenase 1 OS=Mus musculus GN=Aldh1a1 PE=1 SV=5
P57759	Erp29	0.939626296	-0.089841006	0.116917923	0.93211891	Endoplasmic reticulum resident protein 29 OS=Mus musculus GN=Erp29 PE=1 SV=2
P62331	Arf6	1.05937784	0.083217236	0.116938234	0.932043471	ADP-ribosylation factor 6 OS=Mus musculus GN=Arf6 PE=1 SV=2
Q9CQN3	Tomm6	1.060476341	0.084712435	0.117484418	0.930019729	Mitochondrial import receptor subunit TOM6 homolog OS=Mus musculus GN=Tomm6 PE=3 SV=1
Q06138	Cab39	0.901436731	-0.149701858	0.118060857	0.927894068	Calcium-binding protein 39 OS=Mus musculus GN=Cab39 PE=1 SV=2
P99027	Rplp2	0.934873173	-0.097157435	0.118150609	0.927564037	60S acidic ribosomal protein P2 OS=Mus musculus GN=Rplp2 PE=1 SV=3
Q8R3V5	Sh3glb2	1.079136822	0.109877794	0.118173859	0.927478583	Endophilin-B2 OS=Mus musculus GN=Sh3glb2 PE=2 SV=2
O08756	Hsd17b10	1.076545224	0.106408926	0.11850646	0.926257973	3-hydroxyacyl-CoA dehydrogenase type-2 OS=Mus musculus GN=Hsd17b10 PE=1 SV=4
Q3TDD9-3	Ppp1r21	0.908062911	-0.139135844	0.118520899	0.926205064	Isoform 3 of Protein phosphatase 1 regulatory subunit 21 OS=Mus musculus GN=Ppp1r21
Q8CC27-3	Cacnb2	1.134200789	0.181676066	0.118907414	0.924791064	Isoform 3 of Voltage-dependent L-type calcium channel subunit beta-2 OS=Mus musculus GN=Cacnb2
Q8CDN6	Txnl1	1.094258725	0.129953888	0.119157427	0.923878885	Thioredoxin-like protein 1 OS=Mus musculus GN=Txnl1 PE=2 SV=3
Q08460-3	Kcnma1	1.29042944	0.367851258	0.119158662	0.923874381	Isoform 3 of Calcium-activated potassium channel subunit alpha-1 OS=Mus musculus GN=Kcnma1
Q9D1D4	Tmed10	0.919545351	-0.121007366	0.119560286	0.922413055	Transmembrane emp24 domain-containing protein 10 OS=Mus musculus GN=Tmed10 PE=2 SV=1
Q9QZS3-3	Numb	1.382665339	0.467452008	0.119685773	0.921957472	Isoform 3 of Protein numb homolog OS=Mus musculus GN=Numb
Q8K0D0	Cdk17	1.078803037	0.109431488	0.120880046	0.917645385	Cyclin-dependent kinase 17 OS=Mus musculus GN=Cdk17 PE=1 SV=2
Q8R2Y0	Abhd6	0.921825417	-0.117434548	0.121145333	0.916693311	Monoacylglycerol lipase ABHD6 OS=Mus musculus GN=Abhd6 PE=2 SV=1
Q9Z329-2	Itpr2	1.117420093	0.160171668	0.121488663	0.915464249	Isoform 2 of Inositol 1,4,5-trisphosphate receptor type 2 OS=Mus musculus GN=Itpr2
Q9D710	Tmx2	0.942744195	-0.085061733	0.121767927	0.914467088	Thioredoxin-related transmembrane protein 2 OS=Mus musculus GN=Tmx2 PE=2 SV=1
Q6KAR6	Exoc3	1.071949242	0.100236594	0.121869698	0.914104266	Exocyst complex component 3 OS=Mus musculus GN=Exoc3 PE=1 SV=2
Q9JKV1	Adrm1	0.948268667	-0.076632227	0.122287291	0.912618677	Proteasomal ubiquitin receptor ADRM1 OS=Mus musculus GN=Adrm1 PE=1 SV=2
Q8C0M9	Asrgl1	1.075514877	0.105027481	0.122403863	0.912204877	Isoaspartyl peptidase/L-asparaginase OS=Mus musculus GN=Asrgl1 PE=1 SV=1
Q9EPU0	Upf1	0.923523928	-0.114778754	0.123537565	0.908200964	Regulator of nonsense transcripts 1 OS=Mus musculus GN=Upf1 PE=1 SV=2
Q9CPR4	Rpl17	0.901019092	-0.150370419	0.124122262	0.906150319	60S ribosomal protein L17 OS=Mus musculus GN=Rpl17 PE=2 SV=3
Q80VD1	Fam98b	0.858059874	-0.220849775	0.124133488	0.90611104	Protein FAM98B OS=Mus musculus GN=Fam98b PE=2 SV=1
Q9D5T0	Atad1	0.91559929	-0.127211751	0.124282441	0.905590226	ATPase family AAA domain-containing protein 1 OS=Mus musculus GN=Atad1 PE=1 SV=1
Q9D394	Rufy3	0.946029601	-0.080042769	0.124563383	0.904609604	Protein RUFY3 OS=Mus musculus GN=Rufy3 PE=1 SV=1
P84104	Srsf3	0.906124558	-0.142218715	0.124606212	0.904460306	Serine/arginine-rich splicing factor 3 OS=Mus musculus GN=Srsf3 PE=1 SV=1
Q8CI43	Myl6b	0.929708642	-0.105149428	0.12490358	0.903425114	Myosin light chain 6B OS=Mus musculus GN=Myl6b PE=2 SV=1
Q61701-2	Elavl4	0.903247086	-0.146807399	0.125157446	0.902543309	Isoform 2 of ELAV-like protein 4 OS=Mus musculus GN=Elavl4
Q8BI84	Mia3	0.843323174	-0.245842496	0.125186498	0.90244251	Melanoma inhibitory activity protein 3 OS=Mus musculus GN=Mia3 PE=1 SV=2
Q91YD9	Wasl	1.08381066	0.116112742	0.125392807	0.901727376	Neural Wiskott-Aldrich syndrome protein OS=Mus musculus GN=Wasl PE=1 SV=1
Q9D394-4	Rufy3	0.946332939	-0.079580254	0.125602887	0.901000379	Isoform 4 of Protein RUFY3 OS=Mus musculus GN=Rufy3
Q9D554	Sf3a3	0.911016569	-0.134450801	0.125719431	0.900597593	Splicing factor 3A subunit 3 OS=Mus musculus GN=Sf3a3 PE=2 SV=2

Accession	Gene	Fold Change (KO vs. WT)	Log2 Fold Change	Students T Test	-Log10 T Test	Description
Q9D415-6	Dlgap1	1.120625539	0.164304277	0.12574402	0.900512661	Isoform 6 of Disks large-associated protein 1 OS=Mus musculus GN=Dlgap1
O35685	Nudc	0.912298968	-0.13242141	0.125747251	0.9005015	Nuclear migration protein nudC OS=Mus musculus GN=Nudc PE=1 SV=1
Q9EQS3	Mycbp	1.131204388	0.177859621	0.126151451	0.899107751	C-Myc-binding protein OS=Mus musculus GN=Mycbp PE=2 SV=5
Q9DAM7		1.105140266	0.14422949	0.126171962	0.899037142	UPF0444 transmembrane protein C12orf23 homolog OS=Mus musculus PE=2 SV=1
Q8K3G9	Appl2	1.16061067	0.214884097	0.126336378	0.898471579	DCC-interacting protein 13-beta OS=Mus musculus GN=Appl2 PE=2 SV=1
Q68FF6	Git1	0.926693448	-0.109835923	0.126496094	0.897922884	ARF GTPase-activating protein GIT1 OS=Mus musculus GN=Git1 PE=1 SV=1
Q60899	Elavl2	0.918665337	-0.122388701	0.126622993	0.897487426	ELAV-like protein 2 OS=Mus musculus GN=Elavl2 PE=2 SV=1
Q71M36-3	Cspg5	0.891168355	-0.16623009	0.126962657	0.896323996	Isoform 3 of Chondroitin sulfate proteoglycan 5 OS=Mus musculus GN=Cspg5
A2AGT5-3	Ckap5	0.927165863	-0.109100645	0.126974044	0.896285049	Isoform 3 of Cytoskeleton-associated protein 5 OS=Mus musculus GN=Ckap5
O88696	Clpp	1.08772508	0.121313965	0.127049586	0.896026744	Putative ATP-dependent Clp protease proteolytic subunit, mitochondrial OS=Mus musculus GN=Clpp PE=1 SV=1
Q7TME0	Lppr4	0.771401961	-0.374445282	0.127112898	0.895810381	Lipid phosphate phosphatase-related protein type 4 OS=Mus musculus GN=Lppr4 PE=2 SV=2
Q9QYS9-3	Qki	0.878264552	-0.187272518	0.128208041	0.892084736	Isoform 3 of Protein quaking OS=Mus musculus GN=Qki
Q9D8T7	Slirp	0.872487603	-0.196793462	0.128961108	0.889541244	SRA stem-loop-interacting RNA-binding protein, mitochondrial OS=Mus musculus GN=Slirp PE=1 SV=2
Q8BX94	Osbpl2	0.902736596	-0.147623001	0.129051996	0.889235274	Oxysterol-binding protein-related protein 2 OS=Mus musculus GN=Osbpl2 PE=2 SV=1
Q9QXZ0-3	Macf1	1.036941222	0.052334119	0.129279408	0.888470644	Isoform 3 of Microtubule-actin cross-linking factor 1 OS=Mus musculus GN=Macf1
Q9QYG0-2	Ndrg2	0.963221796	-0.054060057	0.129422235	0.887991106	Isoform 2 of Protein NDRG2 OS=Mus musculus GN=Ndrg2
Q9CR00	Psmd9	0.868187738	-0.203921048	0.129507331	0.887705648	26S proteasome non-ATPase regulatory subunit 9 OS=Mus musculus GN=Psmd9 PE=1 SV=1
A2ARP1-3	Ppip5k1	1.416805957	0.502642183	0.129581822	0.887455917	Isoform 3 of Inositol hexakisphosphate and diphosphoinositol-pentakisphosphate kinase 1 OS=Mus musculus GN=Ppip5k1
O88544	Cops4	1.031869301	0.045260247	0.129629006	0.88729781	COP9 signalosome complex subunit 4 OS=Mus musculus GN=Cops4 PE=1 SV=1
O08795	Prkcsh	0.915627148	-0.127167856	0.129691011	0.887090124	Glucosidase 2 subunit beta OS=Mus musculus GN=Prkcsh PE=1 SV=1
Q5SNZ0-3	Ccdc88a	0.855479558	-0.225194714	0.129882365	0.886449813	Isoform 3 of Girdin OS=Mus musculus GN=Ccdc88a
Q8BNJ6	Neto2	0.882887068	-0.179699183	0.129886863	0.886434773	Neuropilin and tolloid-like protein 2 OS=Mus musculus GN=Neto2 PE=1 SV=1
P62823	Rab3c	1.063123696	0.088309466	0.129928558	0.886295382	Ras-related protein Rab-3C OS=Mus musculus GN=Rab3c PE=1 SV=1
Q8VDQ1	Ptgr2	1.101819307	0.139887648	0.129957614	0.886198271	Prostaglandin reductase 2 OS=Mus musculus GN=Ptgr2 PE=1 SV=2
Q5SSL4-3	Abr	1.047878818	0.067471886	0.130086584	0.88576749	Isoform 3 of Active breakpoint cluster region-related protein OS=Mus musculus GN=Abr
Q8CIE6	Copa	0.939461219	-0.090094486	0.130474754	0.884473513	Coatomer subunit alpha OS=Mus musculus GN=Copa PE=1 SV=2
P54285	Cacnb3	1.095973318	0.132212675	0.130535199	0.884272363	Voltage-dependent L-type calcium channel subunit beta-3 OS=Mus musculus GN=Cacnb3 PE=2 SV=2
P60761	Nrgn	7.067915061	2.821284702	0.130933389	0.88294959	Neurogranin OS=Mus musculus GN=Nrgn PE=1 SV=1
Q9R1V6-11	Adam22	1.141995521	0.191556993	0.131119138	0.882333916	Isoform 9 of Disintegrin and metalloproteinase domain-containing protein 22 OS=Mus musculus GN=Adam22
Q8BH69	Sephs1	1.066666807	0.093109594	0.131236423	0.881945617	Selenide, water dikinase 1 OS=Mus musculus GN=Sephs1 PE=2 SV=1
P19246	Nefh	1.143391317	0.193319239	0.13148082	0.881137595	Neurofilament heavy polypeptide OS=Mus musculus GN=Nefh PE=1 SV=3
P63276	Rps17	0.890155083	-0.167871391	0.131505671	0.881055519	40S ribosomal protein S17 OS=Mus musculus GN=Rps17 PE=1 SV=2
P97447	Fhl1	1.19394648	0.255738167	0.131646384	0.880591065	Four and a half LIM domains protein 1 OS=Mus musculus GN=Fhl1 PE=1 SV=3
Q99L27	Gmpr2	0.856065656	-0.224206647	0.131726986	0.880325243	GMP reductase 2 OS=Mus musculus GN=Gmpr2 PE=2 SV=2
Q9D0R8	Lsm12	0.873050043	-0.195863744	0.131750894	0.880246431	Protein LSM12 homolog OS=Mus musculus GN=Lsm12 PE=1 SV=1
O54734	Ddost	0.891808097	-0.165194797	0.131923078	0.879679226	Dolichyl-diphosphooligosaccharide--protein glycosyltransferase 48 kDa subunit OS=Mus musculus GN=Ddost PE=1 SV=2
P04370-2	Mbp	1.799909755	0.847924574	0.132305203	0.878423076	Isoform 2 of Myelin basic protein OS=Mus musculus GN=Mbp
Q9EPN1-3	Nbea	0.936022516	-0.09538486	0.132435475	0.877995665	Isoform 3 of Neurobeachin OS=Mus musculus GN=Nbea
Q9EPN1	Nbea	0.936022516	-0.09538486	0.132435475	0.877995665	Neurobeachin OS=Mus musculus GN=Nbea PE=2 SV=1
Q8BJH1-2	Zc2hc1a	1.057263828	0.080335429	0.132573776	0.877542373	Isoform 2 of Zinc finger C2HC domain-containing protein 1A OS=Mus musculus GN=Zc2hc1a
Q9R1V4	Adam11	1.181509791	0.240631585	0.13265312	0.87728253	Disintegrin and metalloproteinase domain-containing protein 11 OS=Mus musculus GN=Adam11 PE=1 SV=2
P47757	Capzb	1.036415928	0.051603092	0.132887546	0.87651572	F-actin-capping protein subunit beta OS=Mus musculus GN=Capzb PE=1 SV=3
Q9D8E6	Rpl4	0.959102527	-0.060243049	0.133113838	0.875776793	60S ribosomal protein L4 OS=Mus musculus GN=Rpl4 PE=1 SV=3
Q4ACU6-11	Shank3	1.17617205	0.234099112	0.133391308	0.874872469	Isoform 3 of SH3 and multiple ankyrin repeat domains protein 3 OS=Mus musculus GN=Shank3
Q6ZQK5	Acap2	1.175020737	0.232686218	0.133457655	0.874656509	Arf-GAP with coiled-coil, ANK repeat and PH domain-containing protein 2 OS=Mus musculus GN=Acap2 PE=1 SV=2
Q3TAS6	Emc10	0.850732407	-0.233222682	0.133462572	0.874640508	ER membrane protein complex subunit 10 OS=Mus musculus GN=Emc10 PE=2 SV=2
Q8QZT1	Acat1	1.025999563	0.037030117	0.133481096	0.874580237	Acetyl-CoA acetyltransferase, mitochondrial OS=Mus musculus GN=Acat1 PE=1 SV=1
O88703	Hcn2	1.213229187	0.278852111	0.133952278	0.873049896	Potassium/sodium hyperpolarization-activated cyclic nucleotide-gated channel 2 OS=Mus musculus GN=Hcn2 PE=1 SV=1
P97300	Nptn	1.095942488	0.132172091	0.134071266	0.872664289	Neuroplastin OS=Mus musculus GN=Nptn PE=1 SV=3
Q9QYG0	Ndrg2	0.963601877	-0.053490891	0.134136405	0.872453337	Protein NDRG2 OS=Mus musculus GN=Ndrg2 PE=1 SV=1
Q8BP47	Nars	0.921318462	-0.118228172	0.134178386	0.872317435	Asparagine--tRNA ligase, cytoplasmic OS=Mus musculus GN=Nars PE=1 SV=2
O35381	Anp32a	1.082747948	0.114697438	0.134538322	0.871153993	Acidic leucine-rich nuclear phosphoprotein 32 family member A OS=Mus musculus GN=Anp32a PE=1 SV=1
Q64332	Syn2	1.070903705	0.098828759	0.134722698	0.870559229	Synapsin-2 OS=Mus musculus GN=Syn2 PE=1 SV=2
Q9D7X8	Ggct	0.934358784	-0.09795146	0.134817255	0.870254519	Gamma-glutamylcyclotransferase OS=Mus musculus GN=Ggct PE=1 SV=1
Q9WU78-2	Pdcd6ip	1.163667472	0.218678854	0.134844045	0.870168228	Isoform 2 of Programmed cell death 6-interacting protein OS=Mus musculus GN=Pdcd6ip
P80316	Cct5	0.924467804	-0.113305018	0.135110784	0.869309987	T-complex protein 1 subunit epsilon OS=Mus musculus GN=Cct5 PE=1 SV=1
Q9CQS2	Nop10	1.205605181	0.269757522	0.135249199	0.868865297	H/ACA ribonucleoprotein complex subunit 3 OS=Mus musculus GN=Nop10 PE=3 SV=1
Q6PB66	Lrpprc	0.964570928	-0.052040766	0.135260724	0.868828293	Leucine-rich PPR motif-containing protein, mitochondrial OS=Mus musculus GN=Lrpprc PE=1 SV=2
Q9CZJ2	Hspa12b	1.116905849	0.159507577	0.13565822	0.867553885	Heat shock 70 kDa protein 12B OS=Mus musculus GN=Hspa12b PE=1 SV=1
B1AR13	Cisd3	2.333887396	1.222734956	0.136627449	0.864462041	CDGSH iron-sulfur domain-containing protein 3, mitochondrial OS=Mus musculus GN=Cisd3 PE=1 SV=1
P49312	Hnrnpa1	0.945054695	-0.081530268	0.136687147	0.864272322	Heterogeneous nuclear ribonucleoprotein A1 OS=Mus musculus GN=Hnrnpa1 PE=1 SV=2
Q31125	Slc39a7	1.24293619	0.313752233	0.136847928	0.863761774	Zinc transporter SLC39A7 OS=Mus musculus GN=Slc39a7 PE=1 SV=2
P70362	Ufd1l	0.870883164	-0.199448912	0.137799385	0.860752721	Ubiquitin fusion degradation protein 1 homolog OS=Mus musculus GN=Ufd1l PE=1 SV=2
P62320	Snrpd3	1.059569541	0.083478277	0.1379229	0.860363618	Small nuclear ribonucleoprotein Sm D3 OS=Mus musculus GN=Snrpd3 PE=1 SV=1
Q9EPV8	Ubl5	0.95434961	-0.067410224	0.138343723	0.859040542	Ubiquitin-like protein 5 OS=Mus musculus GN=Ubl5 PE=1 SV=1
G5E8K5-5	Ank3	1.089007557	0.123013966	0.138490199	0.858580959	Isoform 5 of Ankyrin-3 OS=Mus musculus GN=Ank3
P08551	Nefl	1.176173068	0.234100361	0.138706383	0.857903552	Neurofilament light polypeptide OS=Mus musculus GN=Nefl PE=1 SV=5
Q9CQJ3	Gmfb	0.940522132	-0.088466201	0.138829254	0.857519011	Glia maturation factor beta OS=Mus musculus GN=Gmfb PE=1 SV=3
Q99K01-2	Pdxdc1	0.871384371	-0.198618857	0.139718734	0.854745359	Isoform 2 of Pyridoxal-dependent decarboxylase domain-containing protein 1 OS=Mus musculus GN=Pdxdc1
P10630	Eif4a2	0.932837564	-0.10030221	0.139827581	0.854407155	Eukaryotic initiation factor 4A-II OS=Mus musculus GN=Eif4a2 PE=2 SV=2
Q91V12-4	Acot7	0.960179016	-0.058624688	0.140027658	0.853786174	Isoform D of Cytosolic acyl coenzyme A thioester hydrolase OS=Mus musculus GN=Acot7
Q91V12-3	Acot7	0.960179016	-0.058624688	0.140027658	0.853786174	Isoform C of Cytosolic acyl coenzyme A thioester hydrolase OS=Mus musculus GN=Acot7
Q9WVK8	Cyp46a1	0.941025224	-0.087694701	0.140044709	0.853733295	Cholesterol 24-hydroxylase OS=Mus musculus GN=Cyp46a1 PE=2 SV=1
P70290	Mpp1	1.161334799	0.215783944	0.14034655	0.852798259	55 kDa erythrocyte membrane protein OS=Mus musculus GN=Mpp1 PE=1 SV=1
Q8BX10	Pgam5	0.952783508	-0.069779654	0.140486264	0.852366136	Serine/threonine-protein phosphatase PGAM5, mitochondrial OS=Mus musculus GN=Pgam5 PE=2 SV=1
P60469	Ppfia3	0.911721501	-0.133334896	0.140909732	0.851059011	Liprin-alpha-3 OS=Mus musculus GN=Ppfia3 PE=1 SV=1
O88441	Mtx2	1.065997653	0.092204262	0.140937615	0.850973083	Metaxin-2 OS=Mus musculus GN=Mtx2 PE=1 SV=1
Q8C754-2	Vps52	1.068856479	0.096068148	0.141296412	0.849868867	Isoform 2 of Vacuolar protein sorting-associated protein 52 homolog OS=Mus musculus GN=Vps52
P31001	Des	1.152001971	0.204143186	0.14150074	0.849241288	Desmin OS=Mus musculus GN=Des PE=1 SV=3
P67871	Csnk2b	1.058224276	0.081645419	0.141980079	0.847772586	Casein kinase II subunit beta OS=Mus musculus GN=Csnk2b PE=1 SV=1
P28271	Aco1	0.933229252	-0.099696566	0.142044141	0.847576676	Cytoplasmic aconitate hydratase OS=Mus musculus GN=Aco1 PE=1 SV=3
Q9R1Z7	Pts	1.171727665	0.228637295	0.142151627	0.847248166	6-pyruvoyl tetrahydrobiopterin synthase OS=Mus musculus GN=Pts PE=2 SV=2
Q9DCH4	Eif3f	0.94990242	-0.074148777	0.142765393	0.845377054	Eukaryotic translation initiation factor 3 subunit F OS=Mus musculus GN=Eif3f PE=1 SV=2
P27546-4	Map4	0.960259018	-0.058504487	0.142790474	0.845300765	Isoform 4 of Microtubule-associated protein 4 OS=Mus musculus GN=Map4
Q9QVP9	Ptk2b	1.140529348	0.18970357	0.142881071	0.845025304	Protein-tyrosine kinase 2-beta OS=Mus musculus GN=Ptk2b PE=1 SV=2
Q80XI4	Pip4k2b	1.03078428	0.043742441	0.143259514	0.843876526	Phosphatidylinositol 5-phosphate 4-kinase type-2 beta OS=Mus musculus GN=Pip4k2b PE=1 SV=1
P34152-3	Ptk2	1.105648548	0.144892869	0.143355623	0.843585268	Isoform 3 of Focal adhesion kinase 1 OS=Mus musculus GN=Ptk2
P61161	Actr2	0.979137895	-0.030416041	0.143496802	0.843157777	Actin-related protein 2 OS=Mus musculus GN=Actr2 PE=1 SV=1
P62267	Rps23	0.923409503	-0.114957515	0.143550665	0.842994792	40S ribosomal protein S23 OS=Mus musculus GN=Rps23 PE=1 SV=3
O70443	Gnaz	1.081988197	0.113684761	0.143812727	0.84220268	Guanine nucleotide-binding protein G(z) subunit alpha OS=Mus musculus GN=Gnaz PE=2 SV=4
P56135	Atp5j2	1.082310795	0.114114841	0.144165189	0.841139594	ATP synthase subunit f, mitochondrial OS=Mus musculus GN=Atp5j2 PE=1 SV=3
P14115	Rpl27a	0.917145034	-0.1247782	0.144250394	0.840882993	60S ribosomal protein L27a OS=Mus musculus GN=Rpl27a PE=2 SV=5
Q6DFV3	Arhgap21	1.276821575	0.352556935	0.14448796	0.840168341	Rho GTPase-activating protein 21 OS=Mus musculus GN=Arhgap21 PE=1 SV=1
O35633	Slc32a1	1.138589005	0.187247073	0.144947329	0.838789783	Vesicular inhibitory amino acid transporter OS=Mus musculus GN=Slc32a1 PE=1 SV=3
Q9Z0H8-2	Clip2	1.074512368	0.103682089	0.145040375	0.838511085	Isoform 2 of CAP-Gly domain-containing linker protein 2 OS=Mus musculus GN=Clip2
Q60900	Elavl3	0.902387282	-0.148181359	0.145273856	0.837812536	ELAV-like protein 3 OS=Mus musculus GN=Elavl3 PE=1 SV=1
Q8BFY9	Tnpo1	0.899267679	-0.153177477	0.145327392	0.837652521	Transportin-1 OS=Mus musculus GN=Tnpo1 PE=1 SV=2
Q80TS3-4	Lphn3	0.875179961	-0.192348389	0.145536544	0.837027942	Isoform 4 of Latrophilin-3 OS=Mus musculus GN=Lphn3
Q9D1T0	Lingo1	1.153756994	0.206339393	0.145616768	0.836788613	Leucine-rich repeat and immunoglobulin-like domain-containing nogo receptor-interacting protein 1 OS=Mus musculus GN=Lingo1 PE=1 SV=1
Q9WUD1	Stub1	0.947258267	-0.078170269	0.145736222	0.836432494	STIP1 homology and U box-containing protein 1 OS=Mus musculus GN=Stub1 PE=1 SV=1
Q8BH58	Tiprl	0.899540422	-0.152739982	0.146157959	0.83517753	TIP41-like protein OS=Mus musculus GN=Tiprl PE=2 SV=1
Q9JJV9	Scn5a	1.113047673	0.154515386	0.146254205	0.834891637	Sodium channel protein type 5 subunit alpha OS=Mus musculus GN=Scn5a PE=1 SV=2
Q9JKB3	Ybx3	0.702813766	-0.508785645	0.146852255	0.83311938	Y-box-binding protein 3 OS=Mus musculus GN=Ybx3 PE=1 SV=2
P01831	Thy1	1.195162631	0.257206945	0.146936181	0.832871251	Thy-1 membrane glycoprotein OS=Mus musculus GN=Thy1 PE=1 SV=1
Q60759	Gcdh	1.197854144	0.26045225	0.147199977	0.832092258	Glutaryl-CoA dehydrogenase, mitochondrial OS=Mus musculus GN=Gcdh PE=1 SV=2
Q61074	Ppm1g	0.915595832	-0.127217199	0.147215738	0.832045759	Protein phosphatase 1G OS=Mus musculus GN=Ppm1g PE=1 SV=3
O88447	Klc1	0.907540366	-0.139966281	0.147255289	0.831929099	Kinesin light chain 1 OS=Mus musculus GN=Klc1 PE=1 SV=3
Q9WU78	Pdcd6ip	1.042661874	0.060271381	0.147342023	0.831673371	Programmed cell death 6-interacting protein OS=Mus musculus GN=Pdcd6ip PE=1 SV=3
Q9CQJ8	Ndufb9	1.059030125	0.082743629	0.147433237	0.831404599	NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 9 OS=Mus musculus GN=Ndufb9 PE=1 SV=3
Q8VDW0	Ddx39a	0.921098296	-0.118572972	0.147633584	0.830814838	ATP-dependent RNA helicase DDX39A OS=Mus musculus GN=Ddx39a PE=2 SV=1
P17047-3	Lamp2	1.483004208	0.568522692	0.147800602	0.830323797	Isoform LAMP-2C of Lysosome-associated membrane glycoprotein 2 OS=Mus musculus GN=Lamp2
Q3U2P1	Sec24a	0.894066367	-0.161546167	0.14780229	0.830318837	Protein transport protein Sec24A OS=Mus musculus GN=Sec24a PE=1 SV=1
Q8VEK3	Hnrnpu	0.969979814	-0.043973371	0.148100691	0.829442916	Heterogeneous nuclear ribonucleoprotein U OS=Mus musculus GN=Hnrnpu PE=1 SV=1
Q8C8T8	Tsr2	1.193173098	0.254803355	0.148480296	0.828331175	Pre-rRNA-processing protein TSR2 homolog OS=Mus musculus GN=Tsr2 PE=2 SV=1
Q9R0X4	Acot9	1.072507313	0.100987485	0.148537456	0.828164017	Acyl-coenzyme A thioesterase 9, mitochondrial OS=Mus musculus GN=Acot9 PE=1 SV=1
P83882	Rpl36a	1.157813431	0.211402798	0.149227162	0.82615212	60S ribosomal protein L36a OS=Mus musculus GN=Rpl36a PE=1 SV=2
Q60598	Cttn	1.064474386	0.090141235	0.149289254	0.825971453	Src substrate cortactin OS=Mus musculus GN=Cttn PE=1 SV=2

Accession	Gene	Fold Change (KO vs. WT)	Log2 Fold Change	Students T Test	-Log10 T Test	Description
Q9R0K7	Atp2b2	1.069146583	0.096459664	0.149321861	0.825876607	Plasma membrane calcium-transporting ATPase 2 OS=Mus musculus GN=Atp2b2 PE=1 SV=2
Q99JF5	Mvd	0.891906527	-0.165035573	0.149385039	0.825692896	Diphosphomevalonate decarboxylase OS=Mus musculus GN=Mvd PE=1 SV=2
Q9D8U8	Snx5	1.099863613	0.137324635	0.149679469	0.824837767	Sorting nexin-5 OS=Mus musculus GN=Snx5 PE=1 SV=1
Q9D2R6	Coa3	1.124150642	0.168835378	0.149771863	0.824569767	Cytochrome c oxidase assembly factor 3 homolog, mitochondrial OS=Mus musculus GN=Coa3 PE=2 SV=1
Q8CI32	Bag5	1.149475279	0.200975439	0.149925959	0.824123164	BAG family molecular chaperone regulator 5 OS=Mus musculus GN=Bag5 PE=1 SV=1
Q9CQ89-3	Cuta	1.11854148	0.161618759	0.150127043	0.823541069	Isoform 2 of Protein CutA OS=Mus musculus GN=Cuta
P62962	Pfn1	0.963690264	-0.053358564	0.150226614	0.823253122	Profilin-1 OS=Mus musculus GN=Pfn1 PE=1 SV=2
Q9DBR0	Akap8	1.076075712	0.105779588	0.150355987	0.822879273	A-kinase anchor protein 8 OS=Mus musculus GN=Akap8 PE=1 SV=1
P34152-6	Ptk2	1.122373424	0.166552754	0.15050857	0.822438769	Isoform 6 of Focal adhesion kinase 1 OS=Mus musculus GN=Ptk2
Q9JLV5	Cul3	0.874834265	-0.192918368	0.150523438	0.822395872	Cullin-3 OS=Mus musculus GN=Cul3 PE=1 SV=1
Q920A7	Afg3l1	1.109962716	0.150511217	0.150556236	0.82230125	AFG3-like protein 1 OS=Mus musculus GN=Afg3l1 PE=2 SV=2
P97434-3	Mprip	0.882349325	-0.180578159	0.151383156	0.819922445	Isoform 3 of Myosin phosphatase Rho-interacting protein OS=Mus musculus GN=Mprip
Q99MK8	Adrbk1	0.923310183	-0.115112698	0.15141432	0.819833049	Beta-adrenergic receptor kinase 1 OS=Mus musculus GN=Adrbk1 PE=1 SV=2
P03995	Gfap	1.10668722	0.146247535	0.151532099	0.819495362	Glial fibrillary acidic protein OS=Mus musculus GN=Gfap PE=1 SV=4
Q8K2K6-2	Agfg1	1.131122264	0.17775488	0.151680371	0.819070619	Isoform 2 of Arf-GAP domain and FG repeat-containing protein 1 OS=Mus musculus GN=Agfg1
Q61701	Elavl4	0.923812271	-0.114328385	0.152021314	0.818095518	ELAV-like protein 4 OS=Mus musculus GN=Elavl4 PE=1 SV=1
P02469	Lamb1	0.896461885	-0.157685849	0.15223177	0.817494703	Laminin subunit beta-1 OS=Mus musculus GN=Lamb1 PE=1 SV=3
Q9JKB1	Uchl3	0.959114382	-0.060225216	0.152244173	0.81745932	Ubiquitin carboxyl-terminal hydrolase isozyme L3 OS=Mus musculus GN=Uchl3 PE=1 SV=2
Q9Z2U2	Zfp292	1.150319141	0.202034174	0.152679882	0.816218186	Zinc finger protein 292 OS=Mus musculus GN=Zfp292 PE=1 SV=2
O35887	Calu	0.831044964	-0.267001559	0.152923159	0.81552674	Calumenin OS=Mus musculus GN=Calu PE=1 SV=1
Q8BMI3	Gga3	1.238216803	0.308263943	0.15408493	0.812239836	ADP-ribosylation factor-binding protein GGA3 OS=Mus musculus GN=Gga3 PE=2 SV=2
Q9DB60	Fam213b	1.232563283	0.30166172	0.154123125	0.812132195	Prostamide/prostaglandin F synthase OS=Mus musculus GN=Fam213b PE=1 SV=1
Q922D4-3	Ppp6r3	1.139877898	0.188879293	0.154355057	0.811479139	Isoform 3 of Serine/threonine-protein phosphatase 6 regulatory subunit 3 OS=Mus musculus GN=Ppp6r3
P34884	Mif	0.782490333	-0.353855165	0.15445206	0.811206295	Macrophage migration inhibitory factor OS=Mus musculus GN=Mif PE=1 SV=2
Q9D7I5	Lhpp	0.918413859	-0.122783682	0.154517327	0.811022812	Phospholysine phosphohistidine inorganic pyrophosphate phosphatase OS=Mus musculus GN=Lhpp PE=2 SV=1
Q9WV98	Timm9	1.056054751	0.078684633	0.154577046	0.810854997	Mitochondrial import inner membrane translocase subunit Tim9 OS=Mus musculus GN=Timm9 PE=1 SV=1
Q91Z67	Srgap2	0.902326183	-0.148279046	0.154705463	0.810494351	SLIT-ROBO Rho GTPase-activating protein 2 OS=Mus musculus GN=Srgap2 PE=1 SV=2
Q9ER60	Scn4a	1.055282627	0.077629435	0.155409629	0.808522077	Sodium channel protein type 4 subunit alpha OS=Mus musculus GN=Scn4a PE=2 SV=1
P16014	Chgb	0.925810456	-0.111211239	0.155823951	0.807365789	Secretogranin-1 OS=Mus musculus GN=Chgb PE=1 SV=2
P35293	Rab18	0.941482803	-0.086993352	0.156189093	0.806349297	Ras-related protein Rab-18 OS=Mus musculus GN=Rab18 PE=2 SV=2
P35279	Rab6a	0.949766236	-0.074355625	0.156346918	0.805910676	Ras-related protein Rab-6A OS=Mus musculus GN=Rab6a PE=1 SV=4
Q99LG2	Tnpo2	0.902215417	-0.148456155	0.156754693	0.804779449	Transportin-2 OS=Mus musculus GN=Tnpo2 PE=2 SV=1
P58321	Uchl4	0.962757164	-0.054756141	0.156881168	0.804429186	Ubiquitin carboxyl-terminal hydrolase isozyme L4 OS=Mus musculus GN=Uchl4 PE=2 SV=1
P46414	Cdkn1b	2.388349515	1.256013978	0.157026183	0.804027926	Cyclin-dependent kinase inhibitor 1B OS=Mus musculus GN=Cdkn1b PE=1 SV=2
Q80U63	Mfn2	1.131438396	0.178158036	0.157082519	0.803872142	Mitofusin-2 OS=Mus musculus GN=Mfn2 PE=1 SV=3
Q99JY9	Actr3	1.089074245	0.123102309	0.157252598	0.80340217	Actin-related protein 3 OS=Mus musculus GN=Actr3 PE=1 SV=3
P47867	Scg3	0.903126349	-0.147000258	0.157686697	0.802204943	Secretogranin-3 OS=Mus musculus GN=Scg3 PE=1 SV=1
Q80YF9	Arhgap33	0.410102359	-1.285944054	0.158233385	0.800701882	Rho GTPase-activating protein 33 OS=Mus musculus GN=Arhgap33 PE=1 SV=1
P18872-2	Gnao1	1.079644836	0.110556796	0.158316792	0.800473018	Isoform Alpha-2 of Guanine nucleotide-binding protein G(o) subunit alpha OS=Mus musculus GN=Gnao1
Q61361	Bcan	1.082714793	0.114653261	0.158443485	0.800125615	Brevican core protein OS=Mus musculus GN=Bcan PE=1 SV=2
P16254	Srp14	0.895552543	-0.159150016	0.158577653	0.799758014	Signal recognition particle 14 kDa protein OS=Mus musculus GN=Srp14 PE=1 SV=1
Q9ER64	Osbpl5	1.192616477	0.254130174	0.15869198	0.799445022	Oxysterol-binding protein-related protein 5 OS=Mus musculus GN=Osbpl5 PE=2 SV=3
O35343	Kpna4	1.066185571	0.092458562	0.15893548	0.798779141	Importin subunit alpha-3 OS=Mus musculus GN=Kpna4 PE=1 SV=1
Q8K2C6	Sirt5	1.137240151	0.185536941	0.159052494	0.798459517	NAD-dependent protein deacylase sirtuin-5, mitochondrial OS=Mus musculus GN=Sirt5 PE=1 SV=1
Q9Z110	Aldh18a1	1.065532654	0.091574806	0.159108686	0.798306112	Delta-1-pyrroline-5-carboxylate synthase OS=Mus musculus GN=Aldh18a1 PE=1 SV=2
Q3UUI3	Them4	1.082268315	0.114058215	0.159277058	0.797846775	Acyl-coenzyme A thioesterase THEM4 OS=Mus musculus GN=Them4 PE=1 SV=1
Q9DCC4	Pycrl	1.115821236	0.158105914	0.159489874	0.797266886	Pyrroline-5-carboxylate reductase 3 OS=Mus musculus GN=Pycrl PE=2 SV=2
Q9QZQ1	Mllt4	1.108377737	0.148449638	0.159791686	0.796445821	Afadin OS=Mus musculus GN=Mllt4 PE=1 SV=3
Q9ESW4	Agk	1.049013954	0.069033869	0.15981386	0.796385558	Acylglycerol kinase, mitochondrial OS=Mus musculus GN=Agk PE=1 SV=1
Q3UPL0	Sec31a	0.950907483	-0.072623111	0.160067923	0.79569569	Protein transport protein Sec31A OS=Mus musculus GN=Sec31a PE=1 SV=2
Q07417	Acads	0.815488321	-0.29426388	0.16012566	0.795539067	Short-chain specific acyl-CoA dehydrogenase, mitochondrial OS=Mus musculus GN=Acads PE=1 SV=2
P35803-7	Gpm6b	0.878151579	-0.187458108	0.16016564	0.795430647	Isoform 7 of Neuronal membrane glycoprotein M6-b OS=Mus musculus GN=Gpm6b
P67778	Phb	1.047745429	0.067288227	0.160796918	0.79372228	Prohibitin OS=Mus musculus GN=Phb PE=1 SV=1
P00015	Cyct	1.098772852	0.13589317	0.161049145	0.793041577	Cytochrome c, testis-specific OS=Mus musculus GN=Cyct PE=1 SV=3
Q6NXK8	Asic1	1.197244066	0.259717285	0.161340054	0.792257802	Acid-sensing ion channel 1 OS=Mus musculus GN=Asic1 PE=1 SV=1
Q3TW96	Uap1l1	1.162072685	0.216700309	0.161400337	0.792095563	UDP-N-acetylhexosamine pyrophosphorylase-like protein 1 OS=Mus musculus GN=Uap1l1 PE=2 SV=1
P26039	Tln1	1.077901352	0.108225151	0.161493255	0.791845613	Talin-1 OS=Mus musculus GN=Tln1 PE=1 SV=2
P55066	Ncan	0.93418581	-0.098218563	0.161692239	0.791310824	Neurocan core protein OS=Mus musculus GN=Ncan PE=2 SV=1
Q9D7S9	Chmp5	1.065509523	0.091543487	0.161987917	0.79051738	Charged multivesicular body protein 5 OS=Mus musculus GN=Chmp5 PE=2 SV=1
Q8VD75	Hip1	1.258055482	0.331195549	0.162041211	0.790374519	Huntingtin-interacting protein 1 OS=Mus musculus GN=Hip1 PE=1 SV=2
Q99KF1	Tmed9	0.830767272	-0.267483713	0.162247409	0.78982223	Transmembrane emp24 domain-containing protein 9 OS=Mus musculus GN=Tmed9 PE=1 SV=2
P18872	Gnao1	1.078667768	0.10925058	0.162542491	0.78903309	Guanine nucleotide-binding protein G(o) subunit alpha OS=Mus musculus GN=Gnao1 PE=1 SV=3
Q9CQC6	Bzw1	0.889471177	-0.168980239	0.162866544	0.78816812	Basic leucine zipper and W2 domain-containing protein 1 OS=Mus musculus GN=Bzw1 PE=1 SV=1
Q8C129	Lnpep	0.860215167	-0.217230526	0.163004698	0.787799879	Leucyl-cystinyl aminopeptidase OS=Mus musculus GN=Lnpep PE=1 SV=1
O08810	Eftud2	1.440659386	0.526729281	0.163293518	0.787031054	116 kDa U5 small nuclear ribonucleoprotein component OS=Mus musculus GN=Eftud2 PE=2 SV=1
Q8VD62	Bles03	1.104246527	0.143062294	0.163314859	0.7869743	UPF0696 protein C11orf68 homolog OS=Mus musculus GN=Bles03 PE=2 SV=1
Q8BGD9	Eif4b	0.894132329	-0.161439733	0.163526802	0.786411056	Eukaryotic translation initiation factor 4B OS=Mus musculus GN=Eif4b PE=1 SV=1
O89079	Cope	0.934929169	-0.097071025	0.163817973	0.785638453	Coatomer subunit epsilon OS=Mus musculus GN=Cope PE=2 SV=3
Q62148	Aldh1a2	0.915484208	-0.127393095	0.163898507	0.785425003	Retinal dehydrogenase 2 OS=Mus musculus GN=Aldh1a2 PE=2 SV=2
Q91ZX7	Lrp1	1.103457617	0.142031218	0.164189909	0.784653538	Prolow-density lipoprotein receptor-related protein 1 OS=Mus musculus GN=Lrp1 PE=1 SV=1
P70414	Slc8a1	0.954984855	-0.066450242	0.1645013	0.783830666	Sodium/calcium exchanger 1 OS=Mus musculus GN=Slc8a1 PE=1 SV=1
O09167	Rpl21	0.920091216	-0.1201512	0.164704109	0.783295566	60S ribosomal protein L21 OS=Mus musculus GN=Rpl21 PE=2 SV=3
Q9DCL8	Ppp1r2	1.083989761	0.11635113	0.164828468	0.782967779	Protein phosphatase inhibitor 2 OS=Mus musculus GN=Ppp1r2 PE=1 SV=3
Q9DBC7	Prkar1a	0.927377844	-0.108770835	0.164861904	0.78287969	cAMP-dependent protein kinase type I-alpha regulatory subunit OS=Mus musculus GN=Prkar1a PE=1 SV=3
P26231	Ctnna1	0.917959469	-0.12349764	0.164952966	0.782639872	Catenin alpha-1 OS=Mus musculus GN=Ctnna1 PE=1 SV=1
Q8BGH4	Reep1	0.881571161	-0.181851065	0.165170687	0.782067026	Receptor expression-enhancing protein 1 OS=Mus musculus GN=Reep1 PE=1 SV=1
Q925I1-2	Atad3	1.09306825	0.128383484	0.165263012	0.781824337	Isoform 2 of ATPase family AAA domain-containing protein 3 OS=Mus musculus GN=Atad3
Q9CZT8	Rab3b	1.10214061	0.140308294	0.165599694	0.780940471	Ras-related protein Rab-3B OS=Mus musculus GN=Rab3b PE=1 SV=1
Q99P72-3	Rtn4	0.958862871	-0.060603588	0.165777498	0.78047442	Isoform 2 of Reticulon-4 OS=Mus musculus GN=Rtn4
Q91WK5	Gcsh	1.057541175	0.080713836	0.165975402	0.77995627	Glycine cleavage system H protein, mitochondrial OS=Mus musculus GN=Gcsh PE=1 SV=2
Q8K4I3	Arhgef6	1.072667	0.101202274	0.165975812	0.779955199	Rho guanine nucleotide exchange factor 6 OS=Mus musculus GN=Arhgef6 PE=1 SV=1
Q5SSL4-4	Abr	1.037730289	0.053431529	0.166733266	0.777977743	Isoform 4 of Active breakpoint cluster region-related protein OS=Mus musculus GN=Abr
Q8BR92	Palm2	0.918828217	-0.122132933	0.166956529	0.777396594	Paralemmin-2 OS=Mus musculus GN=Palm2 PE=1 SV=1
Q9JMG7	Hdgfrp3	1.059014847	0.082722815	0.166983232	0.777327137	Hepatoma-derived growth factor-related protein 3 OS=Mus musculus GN=Hdgfrp3 PE=1 SV=2
P16675	Ctsa	0.876483213	-0.190201635	0.167065361	0.777113585	Lysosomal protective protein OS=Mus musculus GN=Ctsa PE=1 SV=1
Q9ERL7	Gmfg	0.942156631	-0.085961172	0.167127005	0.776953368	Glia maturation factor gamma OS=Mus musculus GN=Gmfg PE=1 SV=1
P26350	Ptma	0.880103454	-0.184254975	0.16718187	0.77681082	Prothymosin alpha OS=Mus musculus GN=Ptma PE=1 SV=2
Q8BJU0	Sgta	0.956793615	-0.063720333	0.167460418	0.776087829	Small glutamine-rich tetratricopeptide repeat-containing protein alpha OS=Mus musculus GN=Sgta PE=1 SV=2
Q925I1	Atad3	1.093763319	0.129300585	0.16747149	0.776059117	ATPase family AAA domain-containing protein 3 OS=Mus musculus GN=Atad3 PE=1 SV=1
O08547	Sec22b	1.092243468	0.127294478	0.167614711	0.775687868	Vesicle-trafficking protein SEC22b OS=Mus musculus GN=Sec22b PE=1 SV=3
P21460	Cst3	0.858349042	-0.220363666	0.167650469	0.775595228	Cystatin-C OS=Mus musculus GN=Cst3 PE=2 SV=2
Q8JZR6	Slc4a8	1.13622154	0.184244159	0.168852018	0.772493743	Electroneutral sodium bicarbonate exchanger 1 OS=Mus musculus GN=Slc4a8 PE=2 SV=1
Q64G17	Anp32c	1.342687703	0.425123786	0.169058234	0.771963672	Putative acidic leucine-rich nuclear phosphoprotein 32 family member C OS=Mus musculus GN=Anp32c PE=2 SV=3
Q99JX4	Eif3m	0.884249164	-0.177475146	0.170068181	0.769376934	Eukaryotic translation initiation factor 3 subunit M OS=Mus musculus GN=Eif3m PE=2 SV=1
Q9QZD9	Eif3i	0.944072126	-0.083031011	0.170489163	0.76830322	Eukaryotic translation initiation factor 3 subunit I OS=Mus musculus GN=Eif3i PE=1 SV=1
Q810A7	Ddx42	0.902657037	-0.147750153	0.17090276	0.767250923	ATP-dependent RNA helicase DDX42 OS=Mus musculus GN=Ddx42 PE=1 SV=3
P59017	Bcl2l13	1.210528049	0.275636509	0.17107733	0.766807537	Bcl-2-like protein 13 OS=Mus musculus GN=Bcl2l13 PE=1 SV=2
Q8BG95	Ppp1r12b	1.68694018	0.754408815	0.171883657	0.764765415	Protein phosphatase 1 regulatory subunit 12B OS=Mus musculus GN=Ppp1r12b PE=1 SV=2
O09044	Snap23	1.100038948	0.137554605	0.171919489	0.764674888	Synaptosomal-associated protein 23 OS=Mus musculus GN=Snap23 PE=1 SV=1
Q7TPM6	Fsd1	0.941607584	-0.086802155	0.172019953	0.764421176	Fibronectin type III and SPRY domain-containing protein 1 OS=Mus musculus GN=Fsd1 PE=2 SV=1
Q91Z31	Ptbp2	0.926324215	-0.110410868	0.172162448	0.764061571	Polypyrimidine tract-binding protein 2 OS=Mus musculus GN=Ptbp2 PE=1 SV=2
Q9CQC9	Sar1b	0.939043024	-0.090736835	0.172598287	0.762963519	GTP-binding protein SAR1b OS=Mus musculus GN=Sar1b PE=1 SV=1
Q9CX00	Ist1	1.051567827	0.072541908	0.173150634	0.761575915	IST1 homolog OS=Mus musculus GN=Ist1 PE=2 SV=1
P70452	Stx4	1.174120524	0.231580509	0.173484214	0.760740038	Syntaxin-4 OS=Mus musculus GN=Stx4 PE=1 SV=1
Q8R105	Vps37c	1.266806606	0.341196296	0.173622329	0.760394422	Vacuolar protein sorting-associated protein 37C OS=Mus musculus GN=Vps37c PE=2 SV=1
Q8BLY2	Tarsl2	0.89284624	-0.16351635	0.173741481	0.76009648	Probable threonine--tRNA ligase 2, cytoplasmic OS=Mus musculus GN=Tarsl2 PE=2 SV=1
Q9JKY5	Hip1r	0.892929177	-0.163382342	0.173922823	0.759643425	Huntingtin-interacting protein 1-related protein OS=Mus musculus GN=Hip1r PE=1 SV=2
Q9D1I5	Mcee	1.094627737	0.130440318	0.174002417	0.759444719	Methylmalonyl-CoA epimerase, mitochondrial OS=Mus musculus GN=Mcee PE=1 SV=1
Q9DBR7	Ppp1r12a	1.133540954	0.180836515	0.174527073	0.758137196	Protein phosphatase 1 regulatory subunit 12A OS=Mus musculus GN=Ppp1r12a PE=1 SV=2
O88986	Gcat	1.080017197	0.111054284	0.174742337	0.75760186	2-amino-3-ketobutyrate coenzyme A ligase, mitochondrial OS=Mus musculus GN=Gcat PE=1 SV=2
Q8BH95	Echs1	1.078040027	0.108410746	0.174788227	0.757487822	Enoyl-CoA hydratase, mitochondrial OS=Mus musculus GN=Echs1 PE=1 SV=1
Q9DCJ9	Npl	1.32026985	0.400832833	0.175318205	0.756172984	N-acetylneuraminate lyase OS=Mus musculus GN=Npl PE=1 SV=1
Q9QYC0	Add1	1.056436091	0.079205495	0.175382495	0.756013756	Alpha-adducin OS=Mus musculus GN=Add1 PE=1 SV=2
Q6NVE8	Wdr44	1.112755566	0.154136717	0.175913617	0.754700541	WD repeat-containing protein 44 OS=Mus musculus GN=Wdr44 PE=1 SV=1
Q8BQ33	Ticrr	0.849783222	-0.234833236	0.175970299	0.754560629	Treslin OS=Mus musculus GN=Ticrr PE=1 SV=2
O88545	Cops6	1.045977052	0.0648512	0.176011921	0.754457917	COP9 signalosome complex subunit 6 OS=Mus musculus GN=Cops6 PE=1 SV=1
P31230	Aimp1	0.83743039	-0.255958821	0.176134165	0.754156394	Aminoacyl tRNA synthase complex-interacting multifunctional protein 1 OS=Mus musculus GN=Aimp1 PE=1 SV=2

Accession	Gene	Fold Change (KO vs. WT)	Log2 Fold Change	Students T Test	-Log10 T Test	Description
O88704	Hcn1	1.150799991	0.202637114	0.176264769	0.753834484	Potassium/sodium hyperpolarization-activated cyclic nucleotide-gated channel 1 OS=Mus musculus GN=Hcn1 PE=1 SV=1
Q9Z0E0	Ncdn	0.951667324	-0.071470759	0.176287362	0.753778821	Neurochondrin OS=Mus musculus GN=Ncdn PE=1 SV=1
Q6P3D0	Nudt16	1.099721948	0.1371388	0.176612331	0.752978978	U8 snoRNA-decapping enzyme OS=Mus musculus GN=Nudt16 PE=1 SV=1
Q9JKD3	Scamp5	1.061944379	0.086708205	0.176783321	0.752558711	Secretory carrier-associated membrane protein 5 OS=Mus musculus GN=Scamp5 PE=2 SV=1
Q99J36	Thumpd1	1.255942719	0.328770667	0.176889039	0.752299078	THUMP domain-containing protein 1 OS=Mus musculus GN=Thumpd1 PE=1 SV=1
Q922Q4	Pycr2	0.947729232	-0.077453157	0.177359571	0.751145371	Pyrroline-5-carboxylate reductase 2 OS=Mus musculus GN=Pycr2 PE=2 SV=1
P49443	Ppm1a	1.064808306	0.09059373	0.177559333	0.750656496	Protein phosphatase 1A OS=Mus musculus GN=Ppm1a PE=1 SV=1
Q9D0I9	Rars	1.04792512	0.067535632	0.177658114	0.750414953	Arginine--tRNA ligase, cytoplasmic OS=Mus musculus GN=Rars PE=2 SV=2
Q8K4Z0	Lgi2	1.794450361	0.843542015	0.178416976	0.748563827	Leucine-rich repeat LGI family member 2 OS=Mus musculus GN=Lgi2 PE=2 SV=1
Q7TPM6-2	Fsd1	0.937035926	-0.093823733	0.178418641	0.748559772	Isoform 2 of Fibronectin type III and SPRY domain-containing protein 1 OS=Mus musculus GN=Fsd1
Q5DTT2-3	Psd	0.855424235	-0.225288014	0.178455055	0.748471147	Isoform 3 of PH and SEC7 domain-containing protein 1 OS=Mus musculus GN=Psd
P48024	Eif1	1.077506327	0.107696341	0.17890116	0.747386843	Eukaryotic translation initiation factor 1 OS=Mus musculus GN=Eif1 PE=2 SV=2
Q9DCZ1	Gmpr	0.877556827	-0.188435544	0.178956507	0.747252506	GMP reductase 1 OS=Mus musculus GN=Gmpr PE=2 SV=1
Q3UHB1	Nt5dc3	0.933365321	-0.09948623	0.179353793	0.746289435	5'-nucleotidase domain-containing protein 3 OS=Mus musculus GN=Nt5dc3 PE=2 SV=1
Q8BGR6	Arl15	1.073782703	0.102702071	0.179391354	0.746198492	ADP-ribosylation factor-like protein 15 OS=Mus musculus GN=Arl15 PE=2 SV=1
P28474	Adh5	0.947976793	-0.077076354	0.179982793	0.744769013	Alcohol dehydrogenase class-3 OS=Mus musculus GN=Adh5 PE=1 SV=3
P56375	Acyp2	1.117238611	0.159937338	0.180659331	0.743139602	Acylphosphatase-2 OS=Mus musculus GN=Acyp2 PE=2 SV=2
P54923	Adprh	1.099947356	0.137434477	0.180857173	0.742664262	[Protein ADP-ribosylarginine] hydrolase OS=Mus musculus GN=Adprh PE=2 SV=1
Q9JKR6	Hyou1	0.9513753	-0.071913525	0.180933737	0.742480448	Hypoxia up-regulated protein 1 OS=Mus musculus GN=Hyou1 PE=1 SV=1
P61028	Rab8b	1.130903679	0.177476057	0.180953818	0.742432249	Ras-related protein Rab-8B OS=Mus musculus GN=Rab8b PE=1 SV=1
P60766	Cdc42	1.033654007	0.047753357	0.181362044	0.741453598	Cell division control protein 42 homolog OS=Mus musculus GN=Cdc42 PE=1 SV=2
Q9CQA3	Sdhb	1.044769674	0.063184926	0.181487426	0.741153459	Succinate dehydrogenase [ubiquinone] iron-sulfur subunit, mitochondrial OS=Mus musculus GN=Sdhb PE=1 SV=1
P04117	Fabp4	1.091895435	0.126834704	0.181990749	0.739950688	Fatty acid-binding protein, adipocyte OS=Mus musculus GN=Fabp4 PE=1 SV=3
Q6GSS7	Hist2h2aa1	0.950042504	-0.073936036	0.18205617	0.739794599	Histone H2A type 2-A OS=Mus musculus GN=Hist2h2aa1 PE=1 SV=3
Q9D0M5	Dynll2	1.09822631	0.135175379	0.182167496	0.739529111	Dynein light chain 2, cytoplasmic OS=Mus musculus GN=Dynll2 PE=1 SV=1
Q9WVJ2	Psmd13	0.929589048	-0.105335024	0.182176821	0.739506881	26S proteasome non-ATPase regulatory subunit 13 OS=Mus musculus GN=Psmd13 PE=1 SV=1
P17742	Ppia	0.922882898	-0.115780495	0.18281146	0.737996584	Peptidyl-prolyl cis-trans isomerase A OS=Mus musculus GN=Ppia PE=1 SV=2
P28738	Kif5c	0.952601082	-0.070055907	0.182831129	0.737949858	Kinesin heavy chain isoform 5C OS=Mus musculus GN=Kif5c PE=1 SV=3
Q9D0M1	Prpsap1	0.909835402	-0.136322523	0.182934853	0.737703545	Phosphoribosyl pyrophosphate synthase-associated protein 1 OS=Mus musculus GN=Prpsap1 PE=1 SV=1
Q9CWM4	Pfdn1	0.909184335	-0.137355268	0.183069738	0.73738344	Prefoldin subunit 1 OS=Mus musculus GN=Pfdn1 PE=2 SV=1
O70439	Stx7	0.846302791	-0.240754171	0.183340495	0.7367416	Syntaxin-7 OS=Mus musculus GN=Stx7 PE=1 SV=3
Q8VHE0	Sec63	0.908069934	-0.139124686	0.183974459	0.735242465	Translocation protein SEC63 homolog OS=Mus musculus GN=Sec63 PE=2 SV=4
O35405	Pld3	0.831739606	-0.265796163	0.184165395	0.734791971	Phospholipase D3 OS=Mus musculus GN=Pld3 PE=2 SV=1
O70378	Emc8	0.910290689	-0.135600772	0.184251378	0.734589254	ER membrane protein complex subunit 8 OS=Mus musculus GN=Emc8 PE=1 SV=1
Q8BH64	Ehd2	1.246400404	0.317767606	0.184283852	0.734512718	EH domain-containing protein 2 OS=Mus musculus GN=Ehd2 PE=1 SV=1
Q6PB44	Ptpn23	1.055317104	0.077676568	0.184564649	0.733851479	Tyrosine-protein phosphatase non-receptor type 23 OS=Mus musculus GN=Ptpn23 PE=1 SV=2
Q9CPX8	Uqcr11	1.19415985	0.255995968	0.184616765	0.733728863	Cytochrome b-c1 complex subunit 10 OS=Mus musculus GN=Uqcr11 PE=2 SV=1
Q9JMF3	Gng13	1.122589584	0.166830578	0.185116258	0.732555437	Guanine nucleotide-binding protein G(I)/G(S)/G(O) subunit gamma-13 OS=Mus musculus GN=Gng13 PE=3 SV=1
P62830	Rpl23	0.923383133	-0.114998716	0.185702246	0.731182845	60S ribosomal protein L23 OS=Mus musculus GN=Rpl23 PE=1 SV=1
P42125	Eci1	1.251052523	0.323142359	0.186815855	0.728586269	Enoyl-CoA delta isomerase 1, mitochondrial OS=Mus musculus GN=Eci1 PE=1 SV=2
Q8K1E0	Stx5	0.752249886	-0.410716111	0.187202575	0.727688182	Syntaxin-5 OS=Mus musculus GN=Stx5 PE=1 SV=3
Q6PE15	Abhd10	1.199167435	0.262033111	0.187316451	0.727424078	Mycophenolic acid acyl-glucuronide esterase, mitochondrial OS=Mus musculus GN=Abhd10 PE=2 SV=1
Q60710	Samhd1	1.066208075	0.092489013	0.187537299	0.726912344	Deoxynucleoside triphosphate triphosphohydrolase SAMHD1 OS=Mus musculus GN=Samhd1 PE=1 SV=2
Q99MN9	Pccb	1.040939729	0.057886539	0.187926772	0.726011346	Propionyl-CoA carboxylase beta chain, mitochondrial OS=Mus musculus GN=Pccb PE=1 SV=2
Q3UUG6	Tbc1d24	1.086017205	0.119046959	0.188351417	0.725031109	TBC1 domain family member 24 OS=Mus musculus GN=Tbc1d24 PE=2 SV=2
P10605	Ctsb	1.165801278	0.221321888	0.18836436	0.725001265	Cathepsin B OS=Mus musculus GN=Ctsb PE=1 SV=2
P34152-8	Ptk2	1.110743555	0.151525771	0.189444728	0.722517475	Isoform 8 of Focal adhesion kinase 1 OS=Mus musculus GN=Ptk2
Q9WUA3	Pfkp	1.028540534	0.04059865	0.189612827	0.722132287	6-phosphofructokinase type C OS=Mus musculus GN=Pfkp PE=1 SV=1
P28798	Grn	0.916827396	-0.125277941	0.189807612	0.721686374	Granulins OS=Mus musculus GN=Grn PE=1 SV=2
P99024	Tubb5	0.936205295	-0.09510317	0.189995488	0.721256712	Tubulin beta-5 chain OS=Mus musculus GN=Tubb5 PE=1 SV=1
P61294	Rab6b	0.948331917	-0.076536003	0.190012954	0.72121679	Ras-related protein Rab-6B OS=Mus musculus GN=Rab6b PE=1 SV=1
P50396	Gdi1	1.043881007	0.061957268	0.190172525	0.720852227	Rab GDP dissociation inhibitor alpha OS=Mus musculus GN=Gdi1 PE=1 SV=3
Q8R088	Golph3l	1.227846089	0.296129729	0.190348315	0.720450963	Golgi phosphoprotein 3-like OS=Mus musculus GN=Golph3l PE=1 SV=1
Q3UUI3-2	Them4	1.076241264	0.106001527	0.190482758	0.72014433	Isoform 2 of Acyl-coenzyme A thioesterase THEM4 OS=Mus musculus GN=Them4
Q9JKS5	Habp4	1.244947085	0.316084424	0.191152058	0.718621022	Intracellular hyaluronan-binding protein 4 OS=Mus musculus GN=Habp4 PE=1 SV=2
Q5DTY9	Kctd16	1.107963337	0.147910143	0.191212922	0.718482762	BTB/POZ domain-containing protein KCTD16 OS=Mus musculus GN=Kctd16 PE=1 SV=2
O54781	Srpk2	0.947547954	-0.077729138	0.191488493	0.717857319	SRSF protein kinase 2 OS=Mus musculus GN=Srpk2 PE=1 SV=2
Q9CXS4-2	Cenpv	0.93093449	-0.103248446	0.191935332	0.716845072	Isoform 2 of Centromere protein V OS=Mus musculus GN=Cenpv
Q8BGJ9	U2af1l4	0.909594325	-0.136704841	0.192125973	0.71641392	Splicing factor U2AF 26 kDa subunit OS=Mus musculus GN=U2af1l4 PE=1 SV=1
P62843	Rps15	0.916436015	-0.125893938	0.192161794	0.716332955	40S ribosomal protein S15 OS=Mus musculus GN=Rps15 PE=2 SV=2
Q63811	Ppp3r2	1.135077997	0.182791436	0.19241097	0.715770172	Calcineurin subunit B type 2 OS=Mus musculus GN=Ppp3r2 PE=2 SV=3
Q61599	Arhgdib	1.057715977	0.08095228	0.192935899	0.714586957	Rho GDP-dissociation inhibitor 2 OS=Mus musculus GN=Arhgdib PE=1 SV=3
Q9JIS8	Slc12a4	1.242829058	0.313627878	0.193678343	0.712918938	Solute carrier family 12 member 4 OS=Mus musculus GN=Slc12a4 PE=1 SV=2
Q61234	Snta1	1.077521143	0.107716178	0.193870919	0.712487331	Alpha-1-syntrophin OS=Mus musculus GN=Snta1 PE=1 SV=1
P42337	Pik3ca	0.922	-0.117161344	0.193991252	0.712217854	Phosphatidylinositol 4,5-bisphosphate 3-kinase catalytic subunit alpha isoform OS=Mus musculus GN=Pik3ca PE=1 SV=2
Q8R0Y6	Aldh1l1	0.91344971	-0.130602792	0.194080741	0.712017559	Cytosolic 10-formyltetrahydrofolate dehydrogenase OS=Mus musculus GN=Aldh1l1 PE=1 SV=1
Q05920	Pc	1.057656163	0.080870694	0.194230145	0.711683367	Pyruvate carboxylase, mitochondrial OS=Mus musculus GN=Pc PE=1 SV=1
Q60967	Papss1	0.930868253	-0.103351099	0.194371418	0.711367597	Bifunctional 3'-phosphoadenosine 5'-phosphosulfate synthase 1 OS=Mus musculus GN=Papss1 PE=1 SV=1
Q9DC16	Ergic1	0.879671458	-0.184963292	0.195782194	0.708226809	Endoplasmic reticulum-Golgi intermediate compartment protein 1 OS=Mus musculus GN=Ergic1 PE=1 SV=1
Q8VHQ9	Acot11	1.33788519	0.419954317	0.196312306	0.707052476	Acyl-coenzyme A thioesterase 11 OS=Mus musculus GN=Acot11 PE=2 SV=1
Q9ES00	Ube4b	1.341364766	0.423701612	0.196808943	0.705955172	Ubiquitin conjugation factor E4 B OS=Mus musculus GN=Ube4b PE=1 SV=3
Q8BHZ0	Fam49a	1.077193607	0.107277572	0.196965592	0.705609635	Protein FAM49A OS=Mus musculus GN=Fam49a PE=2 SV=1
Q924N4	Slc12a6	0.882376157	-0.180534287	0.197208611	0.705074125	Solute carrier family 12 member 6 OS=Mus musculus GN=Slc12a6 PE=1 SV=2
Q08331	Calb2	0.884570436	-0.176951069	0.197267497	0.704944465	Calretinin OS=Mus musculus GN=Calb2 PE=1 SV=3
P27661	H2afx	0.961134291	-0.057190074	0.19782557	0.703717574	Histone H2AX OS=Mus musculus GN=H2afx PE=1 SV=2
O35737	Hnrnph1	0.935692011	-0.09589436	0.197865578	0.703629752	Heterogeneous nuclear ribonucleoprotein H OS=Mus musculus GN=Hnrnph1 PE=1 SV=3
Q6IRU5-3	Cltb	2.167824492	1.11624796	0.198545661	0.7021396	Isoform 3 of Clathrin light chain B OS=Mus musculus GN=Cltb
Q64487-11	Ptprd	0.927643176	-0.108358126	0.198960723	0.701232649	Isoform K of Receptor-type tyrosine-protein phosphatase delta OS=Mus musculus GN=Ptprd
Q9DCD0	Pgd	1.043322315	0.061184921	0.199614406	0.699808118	6-phosphogluconate dehydrogenase, decarboxylating OS=Mus musculus GN=Pgd PE=1 SV=3
Q9R0Y8	Gabrg1	1.084801982	0.117431719	0.199969499	0.699036242	Gamma-aminobutyric acid receptor subunit gamma-1 OS=Mus musculus GN=Gabrg1 PE=2 SV=2
P11404	Fabp3	1.080015611	0.111052166	0.200101876	0.69874884	Fatty acid-binding protein, heart OS=Mus musculus GN=Fabp3 PE=1 SV=5
P84244	H3f3a	1.122735942	0.167018658	0.200283196	0.698355488	Histone H3.3 OS=Mus musculus GN=H3f3a PE=1 SV=2
Q8BGW1-3	Fto	1.167008153	0.22281464	0.200514246	0.697854766	Isoform 3 of Alpha-ketoglutarate-dependent dioxygenase FTO OS=Mus musculus GN=Fto
Q8C0I1	Agps	0.901689877	-0.14929677	0.200607863	0.697652049	Alkyldihydroxyacetonephosphate synthase, peroxisomal OS=Mus musculus GN=Agps PE=1 SV=1
P47199	Cryz	1.068115427	0.095067561	0.2014169	0.695904093	Quinone oxidoreductase OS=Mus musculus GN=Cryz PE=1 SV=1
P84099	Rpl19	0.942043654	-0.08613418	0.201659534	0.69538124	60S ribosomal protein L19 OS=Mus musculus GN=Rpl19 PE=1 SV=1
Q9Z1R2	Bag6	0.894756874	-0.160432373	0.201688159	0.695319599	Large proline-rich protein BAG6 OS=Mus musculus GN=Bag6 PE=1 SV=1
Q8VBV7	Cops8	1.070300584	0.098016021	0.201789642	0.69510113	COP9 signalosome complex subunit 8 OS=Mus musculus GN=Cops8 PE=1 SV=1
Q9JJU8	Sh3bgrl	0.937446879	-0.093191153	0.201811456	0.695054183	SH3 domain-binding glutamic acid-rich-like protein OS=Mus musculus GN=Sh3bgrl PE=3 SV=1
Q91V61	Sfxn3	1.083212535	0.115316339	0.201885959	0.694893886	Sideroflexin-3 OS=Mus musculus GN=Sfxn3 PE=1 SV=1
Q8VDQ8	Sirt2	1.148519063	0.199774803	0.201916885	0.694827363	NAD-dependent protein deacetylase sirtuin-2 OS=Mus musculus GN=Sirt2 PE=1 SV=2
Q91YS8	Camk1	1.096007518	0.132257695	0.201996715	0.694655693	Calcium/calmodulin-dependent protein kinase type 1 OS=Mus musculus GN=Camk1 PE=1 SV=1
P84096	Rhog	1.084681985	0.117272125	0.202125186	0.694379568	Rho-related GTP-binding protein RhoG OS=Mus musculus GN=Rhog PE=2 SV=1
Q8BJH1	Zc2hc1a	1.04646222	0.065520228	0.20217737	0.694267458	Zinc finger C2HC domain-containing protein 1A OS=Mus musculus GN=Zc2hc1a PE=2 SV=1
Q9D0R2	Tars	1.036278	0.051411084	0.202489306	0.693597907	Threonine--tRNA ligase, cytoplasmic OS=Mus musculus GN=Tars PE=1 SV=2
Q8K4G5-3	Ablim1	0.913133994	-0.131101517	0.203751436	0.690899322	Isoform 3 of Actin-binding LIM protein 1 OS=Mus musculus GN=Ablim1
Q03141-3	Mark3	0.956531411	-0.064115749	0.203768519	0.690862911	Isoform 3 of MAP/microtubule affinity-regulating kinase 3 OS=Mus musculus GN=Mark3
Q8VE33	Gdap1l1	0.957353706	-0.06287605	0.204510262	0.689284895	Ganglioside-induced differentiation-associated protein 1-like 1 OS=Mus musculus GN=Gdap1l1 PE=2 SV=1
Q8C3W1		1.116130318	0.158505484	0.204638451	0.68901276	Uncharacterized protein C1orf198 homolog OS=Mus musculus PE=2 SV=1
Q64737	Gart	0.920966946	-0.118778717	0.204932723	0.688388689	Trifunctional purine biosynthetic protein adenosine-3 OS=Mus musculus GN=Gart PE=2 SV=3
O89023	Tpp1	1.164039708	0.219140272	0.20531929	0.687570246	Tripeptidyl-peptidase 1 OS=Mus musculus GN=Tpp1 PE=1 SV=2
Q8CEE7	Rdh13	1.104315597	0.143152532	0.205547135	0.687088573	Retinol dehydrogenase 13 OS=Mus musculus GN=Rdh13 PE=2 SV=1
Q61187	Tsg101	0.945305001	-0.081148208	0.206570484	0.684931732	Tumor susceptibility gene 101 protein OS=Mus musculus GN=Tsg101 PE=1 SV=2
Q9DCJ1	Mlst8	1.112273685	0.15351182	0.206624957	0.684817223	Target of rapamycin complex subunit LST8 OS=Mus musculus GN=Mlst8 PE=1 SV=1
Q91V76		1.090483847	0.1249684	0.207033508	0.683959358	Ester hydrolase C11orf54 homolog OS=Mus musculus PE=2 SV=1
Q6P069	Sri	0.973067818	-0.039387738	0.207106224	0.683806849	Sorcin OS=Mus musculus GN=Sri PE=1 SV=1
Q920A5	Scpep1	1.23141428	0.300316204	0.207422988	0.683143113	Retinoid-inducible serine carboxypeptidase OS=Mus musculus GN=Scpep1 PE=2 SV=2
O70325	Gpx4	1.050161871	0.070611721	0.207604566	0.6827631	Phospholipid hydroperoxide glutathione peroxidase, mitochondrial OS=Mus musculus GN=Gpx4 PE=1 SV=4
Q62048-2	Pea15	0.920193329	-0.119991097	0.207951894	0.682037121	Isoform 2 of Astrocytic phosphoprotein PEA-15 OS=Mus musculus GN=Pea15
Q6P9R2	Oxsr1	1.077861033	0.108171186	0.208084497	0.681760275	Serine/threonine-protein kinase OSR1 OS=Mus musculus GN=Oxsr1 PE=1 SV=1
Q8CGK7	Gnal	1.452573021	0.53861069	0.209007942	0.679837212	Guanine nucleotide-binding protein G(olf) subunit alpha OS=Mus musculus GN=Gnal PE=1 SV=1
Q9JJC6	Rilpl1	1.327232591	0.408421218	0.209878473	0.678032105	RILP-like protein 1 OS=Mus musculus GN=Rilpl1 PE=2 SV=1
P68368	Tuba4a	0.951184913	-0.072202262	0.210297209	0.677166492	Tubulin alpha-4A chain OS=Mus musculus GN=Tuba4a PE=1 SV=1
Q9WV55	Vapa	0.971172745	-0.04220016	0.210476716	0.676795941	Vesicle-associated membrane protein-associated protein A OS=Mus musculus GN=Vapa PE=1 SV=2
Q9ESX5	Dkc1	1.10260678	0.140918378	0.210612096	0.67651669	H/ACA ribonucleoprotein complex subunit 4 OS=Mus musculus GN=Dkc1 PE=1 SV=4
Q99P72	Rtn4	0.962326883	-0.055401063	0.210915686	0.67589112	Reticulon-4 OS=Mus musculus GN=Rtn4 PE=1 SV=2
Q61137	Astn1	1.055971651	0.078571105	0.210981236	0.675756168	Astrotactin-1 OS=Mus musculus GN=Astn1 PE=2 SV=4

Accession	Gene	Fold Change (KO vs. WT)	Log2 Fold Change	Students T Test	-Log10 T Test	Description
D3YXK2	Safb	0.923462822	-0.114874215	0.211191566	0.675323429	Scaffold attachment factor B1 OS=Mus musculus GN=Safb PE=1 SV=2
Q9Z0S1	Bpnt1	0.962494866	-0.05514925	0.211283949	0.675133494	3'(2'),5'-bisphosphate nucleotidase 1 OS=Mus musculus GN=Bpnt1 PE=1 SV=2
Q9ER71-2	Rhoj	1.084566973	0.117119143	0.211919047	0.673830008	Isoform 2 of Rho-related GTP-binding protein RhoJ OS=Mus musculus GN=Rhoj
Q3THG9	Aarsd1	0.87812184	-0.187506966	0.212023495	0.673616011	Alanyl-tRNA editing protein Aarsd1 OS=Mus musculus GN=Aarsd1 PE=1 SV=2
Q8BSL7	Arf2	1.076801295	0.10675205	0.212185106	0.673285103	ADP-ribosylation factor 2 OS=Mus musculus GN=Arf2 PE=1 SV=2
Q9QUP5	Hapln1	1.155111894	0.20803261	0.212757995	0.672114111	Hyaluronan and proteoglycan link protein 1 OS=Mus musculus GN=Hapln1 PE=2 SV=1
P35505	Fah	1.240191962	0.310563444	0.21326574	0.671078906	Fumarylacetoacetase OS=Mus musculus GN=Fah PE=1 SV=2
Q2M3X8-3	Phactr1	0.957128766	-0.063215066	0.213318049	0.670972396	Isoform 3 of Phosphatase and actin regulator 1 OS=Mus musculus GN=Phactr1
Q2PFD7-4	Psd3	1.043446595	0.061356763	0.21394239	0.669703156	Isoform 4 of PH and SEC7 domain-containing protein 3 OS=Mus musculus GN=Psd3
Q9QYF9	Ndrg3	0.93278534	-0.10038298	0.214221173	0.669137606	Protein NDRG3 OS=Mus musculus GN=Ndrg3 PE=1 SV=1
P18242	Ctsd	0.962234695	-0.055539276	0.214403351	0.66876843	Cathepsin D OS=Mus musculus GN=Ctsd PE=1 SV=1
Q91ZR2	Snx18	1.204944243	0.26896639	0.215135511	0.667287897	Sorting nexin-18 OS=Mus musculus GN=Snx18 PE=1 SV=1
Q8CH25	Sltm	1.52097873	0.604999978	0.215175455	0.667207271	SAFB-like transcription modulator OS=Mus musculus GN=Sltm PE=1 SV=1
Q6ZQ18	Efr3b	1.160665604	0.214952381	0.215230108	0.667096977	Protein EFR3 homolog B OS=Mus musculus GN=Efr3b PE=2 SV=2
Q9CQ69	Uqcrq	1.101866964	0.139950048	0.215418773	0.666716451	Cytochrome b-c1 complex subunit 8 OS=Mus musculus GN=Uqcrq PE=1 SV=3
Q8VDT9	Mrpl50	0.933227315	-0.09969956	0.215537502	0.666477154	39S ribosomal protein L50, mitochondrial OS=Mus musculus GN=Mrpl50 PE=2 SV=2
Q6ZWR6	Syne1	1.054834634	0.077016846	0.215978154	0.665590174	Nesprin-1 OS=Mus musculus GN=Syne1 PE=1 SV=2
A2APV2-3	Fmnl2	0.934827335	-0.097228175	0.216001572	0.665543089	Isoform 3 of Formin-like protein 2 OS=Mus musculus GN=Fmnl2
Q8CDM8	Fam160b1	1.261815428	0.335500895	0.216144965	0.665254877	Protein FAM160B1 OS=Mus musculus GN=Fam160b1 PE=2 SV=2
Q9CRA5	Golph3	1.172873032	0.230046844	0.216681823	0.664177519	Golgi phosphoprotein 3 OS=Mus musculus GN=Golph3 PE=1 SV=1
B0V2N1-5	Ptprs	0.824966843	-0.277591959	0.21713901	0.663262147	Isoform 5 of Receptor-type tyrosine-protein phosphatase S OS=Mus musculus GN=Ptprs
Q9CQ54	Ndufc2	1.057727194	0.080967579	0.217406324	0.662727827	NADH dehydrogenase [ubiquinone] 1 subunit C2 OS=Mus musculus GN=Ndufc2 PE=1 SV=1
P02104	Hbb-y	1.238839348	0.308989111	0.217443554	0.662653463	Hemoglobin subunit epsilon-Y2 OS=Mus musculus GN=Hbb-y PE=1 SV=2
Q91V92	Acly	0.972952516	-0.039558697	0.217523456	0.662493906	ATP-citrate synthase OS=Mus musculus GN=Acly PE=1 SV=1
Q9WVA2	Timm8a1	1.062806445	0.087878882	0.217548113	0.662444679	Mitochondrial import inner membrane translocase subunit Tim8 A OS=Mus musculus GN=Timm8a1 PE=1 SV=1
P22005	Penk	1.283074694	0.359605159	0.218010584	0.661522421	Proenkephalin-A OS=Mus musculus GN=Penk PE=2 SV=2
Q91V61-2	Sfxn3	1.082061724	0.113782796	0.218166627	0.661211682	Isoform 2 of Sideroflexin-3 OS=Mus musculus GN=Sfxn3
O55143	Atp2a2	0.958920024	-0.060517599	0.218525859	0.660497164	Sarcoplasmic/endoplasmic reticulum calcium ATPase 2 OS=Mus musculus GN=Atp2a2 PE=1 SV=2
Q9CXY9	Pigk	0.869702805	-0.201405607	0.21860023	0.660349386	GPI-anchor transamidase OS=Mus musculus GN=Pigk PE=2 SV=2
Q8VDQ9	Kri1	1.463639647	0.549560401	0.218884743	0.659784508	Protein KRI1 homolog OS=Mus musculus GN=Kri1 PE=1 SV=3
O70311	Nmt2	0.953456502	-0.068760972	0.218962827	0.659629609	Glycylpeptide N-tetradecanoyltransferase 2 OS=Mus musculus GN=Nmt2 PE=2 SV=1
P63005-2	Pafah1b1	0.977511777	-0.032814011	0.219126525	0.659305049	Isoform 2 of Platelet-activating factor acetylhydrolase IB subunit alpha OS=Mus musculus GN=Pafah1b1
Q9D6F9	Tubb4a	0.960675058	-0.057879564	0.219537157	0.658491963	Tubulin beta-4A chain OS=Mus musculus GN=Tubb4a PE=1 SV=3
B2RSH2	Gnai1	1.206818773	0.271209044	0.219692947	0.658183885	Guanine nucleotide-binding protein G(i) subunit alpha-1 OS=Mus musculus GN=Gnai1 PE=2 SV=1
Q91VV4	Dennd2d	1.576346201	0.656584418	0.220383043	0.656821826	DENN domain-containing protein 2D OS=Mus musculus GN=Dennd2d PE=2 SV=1
Q8K0T4	Katnal1	1.861205851	0.896237628	0.220686949	0.656223349	Katanin p60 ATPase-containing subunit A-like 1 OS=Mus musculus GN=Katnal1 PE=1 SV=1
Q9R0P3	Esd	1.043897862	0.061980561	0.221493977	0.654638079	S-formylglutathione hydrolase OS=Mus musculus GN=Esd PE=1 SV=1
P52503	Ndufs6	1.033021377	0.046870109	0.221731289	0.654173019	NADH dehydrogenase [ubiquinone] iron-sulfur protein 6, mitochondrial OS=Mus musculus GN=Ndufs6 PE=1 SV=2
O55222	Ilk	1.036618832	0.051885509	0.221788429	0.654061115	Integrin-linked protein kinase OS=Mus musculus GN=Ilk PE=1 SV=2
P20060	Hexb	0.931906537	-0.101742824	0.221941273	0.653761927	Beta-hexosaminidase subunit beta OS=Mus musculus GN=Hexb PE=2 SV=2
Q9D892	Itpa	1.052977285	0.074474315	0.221983099	0.65368009	Inosine triphosphate pyrophosphatase OS=Mus musculus GN=Itpa PE=1 SV=2
Q9R0S3	Mmp17	1.145794739	0.196348618	0.222481848	0.652705416	Matrix metalloproteinase-17 OS=Mus musculus GN=Mmp17 PE=1 SV=3
Q9CZX8	Rps19	0.942886716	-0.084843647	0.222580316	0.652513246	40S ribosomal protein S19 OS=Mus musculus GN=Rps19 PE=1 SV=3
Q9R1P0	Psma4	0.95262268	-0.070023198	0.222599862	0.652475108	Proteasome subunit alpha type-4 OS=Mus musculus GN=Psma4 PE=1 SV=1
P23298	Prkch	1.085251147	0.118028947	0.222777314	0.652129037	Protein kinase C eta type OS=Mus musculus GN=Prkch PE=1 SV=2
Q8BK63	Csnk1a1	1.076229282	0.105985466	0.222961927	0.651769291	Casein kinase I isoform alpha OS=Mus musculus GN=Csnk1a1 PE=1 SV=2
P84078	Arf1	1.077026319	0.107053506	0.2231693	0.651365549	ADP-ribosylation factor 1 OS=Mus musculus GN=Arf1 PE=1 SV=2
Q64444	Ca4	1.131871409	0.178710065	0.223390859	0.650934602	Carbonic anhydrase 4 OS=Mus musculus GN=Ca4 PE=1 SV=1
Q8BG32	Psmd11	1.03964373	0.056089223	0.223488659	0.65074451	26S proteasome non-ATPase regulatory subunit 11 OS=Mus musculus GN=Psmd11 PE=1 SV=3
Q60823	Akt2	0.888798616	-0.170071525	0.223647397	0.650436153	RAC-beta serine/threonine-protein kinase OS=Mus musculus GN=Akt2 PE=1 SV=1
Q8BFZ3	Actbl2	0.904860059	-0.144233406	0.22367447	0.650383583	Beta-actin-like protein 2 OS=Mus musculus GN=Actbl2 PE=1 SV=1
Q9D7A8	Armc1	1.037907129	0.053677359	0.224467119	0.648847268	Armadillo repeat-containing protein 1 OS=Mus musculus GN=Armc1 PE=1 SV=1
P10852	Slc3a2	1.041048809	0.05803771	0.225443731	0.646961838	4F2 cell-surface antigen heavy chain OS=Mus musculus GN=Slc3a2 PE=1 SV=1
Q3UYC0	Ppm1h	1.054036991	0.075925498	0.225505843	0.646842201	Protein phosphatase 1H OS=Mus musculus GN=Ppm1h PE=1 SV=1
O35226	Psmd4	1.034318885	0.048681044	0.22560021	0.646660501	26S proteasome non-ATPase regulatory subunit 4 OS=Mus musculus GN=Psmd4 PE=1 SV=1
O35841	Api5	0.948376214	-0.076468616	0.225632754	0.646597855	Apoptosis inhibitor 5 OS=Mus musculus GN=Api5 PE=1 SV=2
Q9DBE8	Alg2	0.95766488	-0.0624072	0.226075181	0.645747113	Alpha-1,3/1,6-mannosyltransferase ALG2 OS=Mus musculus GN=Alg2 PE=2 SV=2
Q9CYH2	Fam213a	0.947756267	-0.077412004	0.226161989	0.645580385	Redox-regulatory protein FAM213A OS=Mus musculus GN=Fam213a PE=1 SV=2
Q9JJ28	Flii	1.107264734	0.147000195	0.226199349	0.645508648	Protein flightless-1 homolog OS=Mus musculus GN=Flii PE=1 SV=1
Q91XM9-3	Dlg2	1.045147674	0.063706802	0.226315031	0.6452866	Isoform 3 of Disks large homolog 2 OS=Mus musculus GN=Dlg2
O35295	Purb	1.045089465	0.063626449	0.226393692	0.645135679	Transcriptional activator protein Pur-beta OS=Mus musculus GN=Purb PE=1 SV=3
Q60749	Khdrbs1	0.933028919	-0.100006297	0.226450775	0.645026188	KH domain-containing, RNA-binding, signal transduction-associated protein 1 OS=Mus musculus GN=Khdrbs1 PE=1 SV=2
P58404	Strn4	1.07557678	0.105110515	0.226552293	0.644831538	Striatin-4 OS=Mus musculus GN=Strn4 PE=1 SV=2
Q8CCN5	Bcas3	1.111241427	0.152172289	0.226629513	0.644683535	Breast carcinoma-amplified sequence 3 homolog OS=Mus musculus GN=Bcas3 PE=1 SV=2
P51174	Acadl	1.068566667	0.095676919	0.226657796	0.644629339	Long-chain specific acyl-CoA dehydrogenase, mitochondrial OS=Mus musculus GN=Acadl PE=1 SV=2
O08848	Trove2	1.151914786	0.204033996	0.226833879	0.64429208	60 kDa SS-A/Ro ribonucleoprotein OS=Mus musculus GN=Trove2 PE=1 SV=1
Q62443	Nptx1	1.155465574	0.208474277	0.226920528	0.644126215	Neuronal pentraxin-1 OS=Mus musculus GN=Nptx1 PE=2 SV=1
Q9QZM0	Ubqln2	0.908844447	-0.137894703	0.226994555	0.64398456	Ubiquilin-2 OS=Mus musculus GN=Ubqln2 PE=1 SV=2
Q8BUV3	Gphn	1.045548864	0.064260489	0.227033296	0.643910446	Gephyrin OS=Mus musculus GN=Gphn PE=1 SV=2
Q01320	Top2a	1.135452198	0.183266971	0.227060602	0.643858214	DNA topoisomerase 2-alpha OS=Mus musculus GN=Top2a PE=1 SV=2
P62918	Rpl8	0.942002417	-0.086197334	0.227797403	0.642451231	60S ribosomal protein L8 OS=Mus musculus GN=Rpl8 PE=2 SV=2
Q91VK1	Bzw2	0.841914226	-0.248254836	0.227927757	0.642202784	Basic leucine zipper and W2 domain-containing protein 2 OS=Mus musculus GN=Bzw2 PE=1 SV=1
Q9DC71	Mrps15	0.911784706	-0.133234885	0.229010291	0.640145001	28S ribosomal protein S15, mitochondrial OS=Mus musculus GN=Mrps15 PE=2 SV=2
Q3UKJ7	Smu1	0.906580823	-0.141492451	0.229173379	0.639835833	WD40 repeat-containing protein SMU1 OS=Mus musculus GN=Smu1 PE=2 SV=2
P50171	Hsd17b8	1.117891457	0.160780114	0.229971257	0.638326441	Estradiol 17-beta-dehydrogenase 8 OS=Mus musculus GN=Hsd17b8 PE=1 SV=2
P97792-3	Cxadr	0.891592058	-0.165544329	0.230303055	0.6377003	Isoform 3 of Coxsackievirus and adenovirus receptor homolog OS=Mus musculus GN=Cxadr
Q8R1V4	Tmed4	0.810639102	-0.302868328	0.230882257	0.636609441	Transmembrane emp24 domain-containing protein 4 OS=Mus musculus GN=Tmed4 PE=2 SV=1
Q8C5Q4	Grsf1	1.276857222	0.352597212	0.231001155	0.636385848	G-rich sequence factor 1 OS=Mus musculus GN=Grsf1 PE=1 SV=2
Q3U5Q7	Cmpk2	1.21655935	0.282806704	0.231256192	0.63590663	UMP-CMP kinase 2, mitochondrial OS=Mus musculus GN=Cmpk2 PE=2 SV=2
Q91VZ6	Smap1	0.945598994	-0.080699594	0.231408191	0.635621273	Stromal membrane-associated protein 1 OS=Mus musculus GN=Smap1 PE=1 SV=1
P45591	Cfl2	0.959834097	-0.059143031	0.23161795	0.635227787	Cofilin-2 OS=Mus musculus GN=Cfl2 PE=1 SV=1
P09528	Fth1	0.918884329	-0.122044831	0.231910513	0.634679564	Ferritin heavy chain OS=Mus musculus GN=Fth1 PE=1 SV=2
Q8BQP9	Rgs7bp	1.33107202	0.412588633	0.232630948	0.633332509	Regulator of G-protein signaling 7-binding protein OS=Mus musculus GN=Rgs7bp PE=1 SV=1
Q8VD37-5	Sgip1	1.060522136	0.084774734	0.232762102	0.63308773	Isoform 5 of SH3-containing GRB2-like protein 3-interacting protein 1 OS=Mus musculus GN=Sgip1
Q01065	Pde1b	1.21341298	0.279070649	0.232938068	0.63275953	Calcium/calmodulin-dependent 3',5'-cyclic nucleotide phosphodiesterase 1B OS=Mus musculus GN=Pde1b PE=1 SV=2
P62311	Lsm3	0.918227659	-0.123076204	0.233601627	0.631524136	U6 snRNA-associated Sm-like protein LSm3 OS=Mus musculus GN=Lsm3 PE=3 SV=2
Q8C7R4	Uba6	0.92571174	-0.111365076	0.233679323	0.631379715	Ubiquitin-like modifier-activating enzyme 6 OS=Mus musculus GN=Uba6 PE=1 SV=1
P22892	Ap1g1	0.953569574	-0.068589891	0.234144513	0.630516015	AP-1 complex subunit gamma-1 OS=Mus musculus GN=Ap1g1 PE=1 SV=3
Q62048	Pea15	0.959311846	-0.059928223	0.234283899	0.630257556	Astrocytic phosphoprotein PEA-15 OS=Mus musculus GN=Pea15 PE=1 SV=1
O55106	Strn	1.071653061	0.09983792	0.234910655	0.629097285	Striatin OS=Mus musculus GN=Strn PE=1 SV=2
Q5SSM3-3	Arhgap44	1.053799442	0.075600321	0.234928708	0.62906391	Isoform 3 of Rho GTPase-activating protein 44 OS=Mus musculus GN=Arhgap44
Q61820	Rasl2-9	0.929534912	-0.105419043	0.234940379	0.629042335	GTP-binding nuclear protein Ran, testis-specific isoform OS=Mus musculus GN=Rasl2-9 PE=2 SV=1
O54983	Crym	0.834464167	-0.261077995	0.234960806	0.629004576	Ketimine reductase mu-crystallin OS=Mus musculus GN=Crym PE=1 SV=1
Q9QY76	Vapb	1.029773599	0.042327189	0.235646275	0.627739422	Vesicle-associated membrane protein-associated protein B OS=Mus musculus GN=Vapb PE=2 SV=3
P34152-7	Ptk2	1.105251868	0.144375173	0.235656065	0.627721379	Isoform 7 of Focal adhesion kinase 1 OS=Mus musculus GN=Ptk2
Q9CRD0-3	Ociad1	1.068446715	0.09551496	0.236165552	0.626783449	Isoform 3 of OCIA domain-containing protein 1 OS=Mus musculus GN=Ociad1
Q9QZQ8	H2afy	1.061999351	0.086782885	0.236385173	0.626379768	Core histone macro-H2A.1 OS=Mus musculus GN=H2afy PE=1 SV=3
Q91WK2	Eif3h	0.933761641	-0.098873772	0.236387642	0.626375231	Eukaryotic translation initiation factor 3 subunit H OS=Mus musculus GN=Eif3h PE=1 SV=1
Q7TNR6	Igsf21	0.907834477	-0.139498817	0.237158704	0.624960931	Immunoglobulin superfamily member 21 OS=Mus musculus GN=Igsf21 PE=2 SV=1
P63213	Gng2	0.962289957	-0.055456422	0.237471265	0.624388933	Guanine nucleotide-binding protein G(I)/G(S)/G(O) subunit gamma-2 OS=Mus musculus GN=Gng2 PE=2 SV=2
P97390	Vps45	1.124803398	0.169672858	0.237600629	0.624152414	Vacuolar protein sorting-associated protein 45 OS=Mus musculus GN=Vps45 PE=1 SV=1
Q6P5D3-3	Dhx57	1.381959126	0.466714946	0.237929587	0.623551548	Isoform 3 of Putative ATP-dependent RNA helicase DHX57 OS=Mus musculus GN=Dhx57
Q9ERG2	Strn3	1.086197456	0.119286389	0.238612488	0.622306831	Striatin-3 OS=Mus musculus GN=Strn3 PE=1 SV=1
Q8R127	Sccpdh	1.077112489	0.107168926	0.239031343	0.621545148	Saccharopine dehydrogenase-like oxidoreductase OS=Mus musculus GN=Sccpdh PE=2 SV=1
P04925	Prnp	0.916573955	-0.125676804	0.239042653	0.6215246	Major prion protein OS=Mus musculus GN=Prnp PE=1 SV=2
P43006-3	Slc1a2	1.227243323	0.295421318	0.239284492	0.621085448	Isoform Glt-1B of Excitatory amino acid transporter 2 OS=Mus musculus GN=Slc1a2
Q9JHW2	Nit2	0.922682326	-0.116094073	0.239295393	0.621065662	Omega-amidase NIT2 OS=Mus musculus GN=Nit2 PE=1 SV=1
Q8BYW9	Eogt	0.719653179	-0.474626296	0.239430165	0.620821135	EGF domain-specific O-linked N-acetylglucosamine transferase OS=Mus musculus GN=Eogt PE=1 SV=1
Q9Z2I8	Suclg2	1.126391571	0.171708443	0.239461612	0.620764098	Succinyl-CoA ligase [GDP-forming] subunit beta, mitochondrial OS=Mus musculus GN=Suclg2 PE=1 SV=3
Q9D6N5	Drap1	1.130993946	0.177591207	0.240415421	0.619037678	Dr1-associated corepressor OS=Mus musculus GN=Drap1 PE=2 SV=3
Q6IRU2	Tpm4	1.075242053	0.104661468	0.240540854	0.618811151	Tropomyosin alpha-4 chain OS=Mus musculus GN=Tpm4 PE=2 SV=3
P70206	Plxna1	0.940328602	-0.088763093	0.240636251	0.618638946	Plexin-A1 OS=Mus musculus GN=Plxna1 PE=1 SV=1
Q9WVP1	Ap1m2	1.07813054	0.10853187	0.240845639	0.618261213	AP-1 complex subunit mu-2 OS=Mus musculus GN=Ap1m2 PE=1 SV=3
Q9JHU4	Dync1h1	0.971313443	-0.041991166	0.241811777	0.616522552	Cytoplasmic dynein 1 heavy chain 1 OS=Mus musculus GN=Dync1h1 PE=1 SV=2
Q9WUR2	Eci2	1.18099054	0.239997409	0.242229995	0.61577208	Enoyl-CoA delta isomerase 2, mitochondrial OS=Mus musculus GN=Eci2 PE=1 SV=2
Q8R570	Snap47	1.04749608	0.066944845	0.242561971	0.615177286	Synaptosomal-associated protein 47 OS=Mus musculus GN=Snap47 PE=1 SV=1
P48758	Cbr1	1.02615278	0.037245545	0.242596411	0.615115629	Carbonyl reductase [NADPH] 1 OS=Mus musculus GN=Cbr1 PE=1 SV=3

Accession	Gene	Fold Change (KO vs. WT)	Log2 Fold Change	Students T Test	-Log10 T Test	Description
Q8R081	Hnrnpl	0.924396122	-0.113416887	0.242745819	0.614848241	Heterogeneous nuclear ribonucleoprotein L OS=Mus musculus GN=Hnrnpl PE=1 SV=2
O88507	Cntfr	0.912877435	-0.131506921	0.243511571	0.613480397	Ciliary neurotrophic factor receptor subunit alpha OS=Mus musculus GN=Cntfr PE=1 SV=2
P62281	Rps11	0.911311189	-0.133984315	0.244743587	0.611288679	40S ribosomal protein S11 OS=Mus musculus GN=Rps11 PE=1 SV=3
P45952	Acadm	0.953783686	-0.068265989	0.244875162	0.611055263	Medium-chain specific acyl-CoA dehydrogenase, mitochondrial OS=Mus musculus GN=Acadm PE=1 SV=1
Q78JW9	Ubfd1	0.913164989	-0.131052547	0.245191408	0.610494752	Ubiquitin domain-containing protein UBFD1 OS=Mus musculus GN=Ubfd1 PE=1 SV=2
Q921S7	Mrpl37	0.937610348	-0.092939603	0.245338606	0.610234107	39S ribosomal protein L37, mitochondrial OS=Mus musculus GN=Mrpl37 PE=2 SV=1
Q8BGQ1	Vipas39	1.128628749	0.174571004	0.245656098	0.60967245	Spermatogenesis-defective protein 39 homolog OS=Mus musculus GN=Vipas39 PE=1 SV=1
Q9D4D4	Tktl2	0.882723059	-0.179967211	0.245696223	0.60960152	Transketolase-like protein 2 OS=Mus musculus GN=Tktl2 PE=2 SV=1
Q8C8R3-3	Ank2	1.043423545	0.061324894	0.245770185	0.609470803	Isoform 3 of Ankyrin-2 OS=Mus musculus GN=Ank2
Q64010-2	Crk	1.095960925	0.132196362	0.245778409	0.609456271	Isoform Crk-I of Adapter molecule crk OS=Mus musculus GN=Crk
Q80VC9	Camsap3	0.868411311	-0.203549578	0.245787251	0.609440648	Calmodulin-regulated spectrin-associated protein 3 OS=Mus musculus GN=Camsap3 PE=1 SV=1
Q64521	Gpd2	1.053870672	0.075697835	0.246234252	0.608651535	Glycerol-3-phosphate dehydrogenase, mitochondrial OS=Mus musculus GN=Gpd2 PE=1 SV=2
Q9ER88	Dap3	0.914720508	-0.128597099	0.24626303	0.608600781	28S ribosomal protein S29, mitochondrial OS=Mus musculus GN=Dap3 PE=2 SV=1
P63239	Pcsk1	0.812899496	-0.298851102	0.246503803	0.608176376	Neuroendocrine convertase 1 OS=Mus musculus GN=Pcsk1 PE=1 SV=1
A2A432	Cul4b	1.078655083	0.109233614	0.246715692	0.607803227	Cullin-4B OS=Mus musculus GN=Cul4b PE=1 SV=1
O55029	Copb2	0.927939517	-0.107897321	0.246755576	0.607733025	Coatomer subunit beta' OS=Mus musculus GN=Copb2 PE=2 SV=2
Q9D5V5	Cul5	1.066719333	0.093180635	0.247013606	0.607279124	Cullin-5 OS=Mus musculus GN=Cul5 PE=1 SV=3
Q8BVQ5	Ppme1	1.0568027	0.079706058	0.247388451	0.606620578	Protein phosphatase methylesterase 1 OS=Mus musculus GN=Ppme1 PE=1 SV=5
Q9D1H8	Mrpl53	0.875156624	-0.19238686	0.248324412	0.604980584	39S ribosomal protein L53, mitochondrial OS=Mus musculus GN=Mrpl53 PE=2 SV=1
P51855	Gss	1.138131668	0.18666747	0.248343347	0.604947471	Glutathione synthetase OS=Mus musculus GN=Gss PE=2 SV=1
P61924	Copz1	0.950539786	-0.073181081	0.248465849	0.604733295	Coatomer subunit zeta-1 OS=Mus musculus GN=Copz1 PE=2 SV=1
Q9EQI8	Mrpl46	1.054901266	0.077107976	0.248744482	0.604246545	39S ribosomal protein L46, mitochondrial OS=Mus musculus GN=Mrpl46 PE=1 SV=1
Q9CWE0	Mtfr1l	1.075287533	0.10472249	0.24886752	0.60403178	Mitochondrial fission regulator 1-like OS=Mus musculus GN=Mtfr1l PE=1 SV=1
Q9ER00	Stx12	0.887138545	-0.172768665	0.248914574	0.603949674	Syntaxin-12 OS=Mus musculus GN=Stx12 PE=1 SV=1
P58771	Tpm1	1.046255917	0.065235782	0.249070323	0.603678016	Tropomyosin alpha-1 chain OS=Mus musculus GN=Tpm1 PE=1 SV=1
Q9ERB0	Snap29	0.78033441	-0.357835575	0.24950135	0.6029271	Synaptosomal-associated protein 29 OS=Mus musculus GN=Snap29 PE=2 SV=1
Q8R307	Vps18	1.149788119	0.201368029	0.24956794	0.602811206	Vacuolar protein sorting-associated protein 18 homolog OS=Mus musculus GN=Vps18 PE=1 SV=2
Q8BL97-3	Srsf7	0.905798991	-0.142737162	0.249887009	0.602256322	Isoform 3 of Serine/arginine-rich splicing factor 7 OS=Mus musculus GN=Srsf7
Q8R4N0	Clybl	1.087111027	0.12049929	0.249912652	0.602211756	Citrate lyase subunit beta-like protein, mitochondrial OS=Mus musculus GN=Clybl PE=1 SV=2
O35658	C1qbp	1.048395154	0.06818259	0.25013082	0.601832793	Complement component 1 Q subcomponent-binding protein, mitochondrial OS=Mus musculus GN=C1qbp PE=1 SV=1
Q8BR90		1.065671343	0.091762575	0.250147214	0.60180433	UPF0600 protein C5orf51 homolog OS=Mus musculus PE=2 SV=1
Q8CGF6	Wdr47	0.91776329	-0.123805993	0.250213039	0.601690062	WD repeat-containing protein 47 OS=Mus musculus GN=Wdr47 PE=1 SV=2
Q9D2U9	Hist3h2ba	0.962323759	-0.055405747	0.250455992	0.601268573	Histone H2B type 3-A OS=Mus musculus GN=Hist3h2ba PE=1 SV=3
P08752	Gnai2	1.194251358	0.256106517	0.251359125	0.599705343	Guanine nucleotide-binding protein G(i) subunit alpha-2 OS=Mus musculus GN=Gnai2 PE=1 SV=5
Q71M36-4	Cspg5	0.895087474	-0.159899415	0.251472004	0.599510357	Isoform 4 of Chondroitin sulfate proteoglycan 5 OS=Mus musculus GN=Cspg5
P48774	Gstm5	1.06818821	0.095165866	0.251705926	0.599106559	Glutathione S-transferase Mu 5 OS=Mus musculus GN=Gstm5 PE=1 SV=1
Q99LR1	Abhd12	0.913416749	-0.13065485	0.251886838	0.598794525	Monoacylglycerol lipase ABHD12 OS=Mus musculus GN=Abhd12 PE=1 SV=2
Q91WM1	Strbp	1.114319833	0.156163376	0.252384577	0.597937189	Spermatid perinuclear RNA-binding protein OS=Mus musculus GN=Strbp PE=1 SV=1
P97783	Mllt11	0.925567457	-0.111589954	0.252495251	0.597746786	Protein AF1q OS=Mus musculus GN=Mllt11 PE=2 SV=1
P58682	Tlr8	1.097851868	0.134683406	0.252516719	0.597709863	Toll-like receptor 8 OS=Mus musculus GN=Tlr8 PE=1 SV=2
Q9WUM3	Coro1b	1.053308837	0.074928506	0.253507992	0.596008344	Coronin-1B OS=Mus musculus GN=Coro1b PE=1 SV=1
Q6ZPS6	Ankib1	0.751735594	-0.41170278	0.254020838	0.595130656	Ankyrin repeat and IBR domain-containing protein 1 OS=Mus musculus GN=Ankib1 PE=1 SV=2
O70133-3	Dhx9	0.952100983	-0.070813496	0.2543889	0.594501842	Isoform 3 of ATP-dependent RNA helicase A OS=Mus musculus GN=Dhx9
Q3UVL4	Vps51	1.483313377	0.568823426	0.254528128	0.594264217	Vacuolar protein sorting-associated protein 51 homolog OS=Mus musculus GN=Vps51 PE=2 SV=2
Q9EQU5	Set	1.034848601	0.049419715	0.254781293	0.593832462	Protein SET OS=Mus musculus GN=Set PE=1 SV=1
Q91ZU6-3	Dst	1.085034083	0.117740361	0.254845042	0.59372381	Isoform 3 of Dystonin OS=Mus musculus GN=Dst
Q8BVI5	Stx16	0.856588692	-0.223325462	0.255207605	0.593106388	Syntaxin-16 OS=Mus musculus GN=Stx16 PE=1 SV=3
Q99J99	Mpst	0.98407994	-0.02315258	0.255356359	0.592853322	3-mercaptopyruvate sulfurtransferase OS=Mus musculus GN=Mpst PE=1 SV=3
Q8K4M5	Commd1	0.926366273	-0.110345366	0.25577964	0.592134028	COMM domain-containing protein 1 OS=Mus musculus GN=Commd1 PE=2 SV=2
O70589	Cask	1.094680116	0.130509352	0.25665544	0.590649526	Peripheral plasma membrane protein CASK OS=Mus musculus GN=Cask PE=1 SV=2
P62838	Ube2d2	1.035880007	0.050856895	0.256838932	0.590339144	Ubiquitin-conjugating enzyme E2 D2 OS=Mus musculus GN=Ube2d2 PE=1 SV=1
O09131	Gsto1	0.932992216	-0.10006305	0.25784875	0.588634969	Glutathione S-transferase omega-1 OS=Mus musculus GN=Gsto1 PE=2 SV=2
Q62261-2	Sptbn1	1.025507823	0.036338498	0.25850372	0.587533203	Isoform 2 of Spectrin beta chain, non-erythrocytic 1 OS=Mus musculus GN=Sptbn1
P70699	Gaa	0.803325055	-0.315944221	0.258700494	0.587202741	Lysosomal alpha-glucosidase OS=Mus musculus GN=Gaa PE=1 SV=2
Q64522	Hist2h2ab	0.956616641	-0.063987207	0.258748337	0.587122433	Histone H2A type 2-B OS=Mus musculus GN=Hist2h2ab PE=1 SV=3
Q9D2M8-2	Ube2v2	0.922151946	-0.116923607	0.258843663	0.586962462	Isoform 2 of Ubiquitin-conjugating enzyme E2 variant 2 OS=Mus musculus GN=Ube2v2
Q2PFD7-3	Psd3	1.042356374	0.059848609	0.259170302	0.586414765	Isoform 3 of PH and SEC7 domain-containing protein 3 OS=Mus musculus GN=Psd3
Q9CPY7	Lap3	1.036519564	0.051747348	0.259297395	0.586201846	Cytosol aminopeptidase OS=Mus musculus GN=Lap3 PE=1 SV=3
Q64524	Hist2h2be	0.963264196	-0.053996553	0.259630223	0.585644753	Histone H2B type 2-E OS=Mus musculus GN=Hist2h2be PE=1 SV=3
Q60692	Psmb6	0.92050819	-0.119497537	0.259696542	0.585533833	Proteasome subunit beta type-6 OS=Mus musculus GN=Psmb6 PE=1 SV=3
P34914	Ephx2	1.077248542	0.107351146	0.259778784	0.585396321	Bifunctional epoxide hydrolase 2 OS=Mus musculus GN=Ephx2 PE=1 SV=2
O70589-4	Cask	1.098915353	0.136080263	0.260318367	0.584495188	Isoform 4 of Peripheral plasma membrane protein CASK OS=Mus musculus GN=Cask
Q8VDM6	Hnrnpul1	0.958553786	-0.061068708	0.260735818	0.583799305	Heterogeneous nuclear ribonucleoprotein U-like protein 1 OS=Mus musculus GN=Hnrnpul1 PE=1 SV=1
Q9CZ42	Carkd	1.029515603	0.041965695	0.260921534	0.583490077	ATP-dependent (S)-NAD(P)H-hydrate dehydratase OS=Mus musculus GN=Carkd PE=1 SV=1
Q99JI6	Rap1b	1.036911199	0.052292347	0.260996697	0.583364989	Ras-related protein Rap-1b OS=Mus musculus GN=Rap1b PE=2 SV=2
Q9EPR4	Slc23a2	1.164996768	0.220325952	0.261256967	0.582932119	Solute carrier family 23 member 2 OS=Mus musculus GN=Slc23a2 PE=1 SV=2
P54822	Adsl	1.084898315	0.117559829	0.261332968	0.582805798	Adenylosuccinate lyase OS=Mus musculus GN=Adsl PE=2 SV=2
Q64213-3	Sf1	1.123564176	0.168082531	0.261686061	0.58221941	Isoform 3 of Splicing factor 1 OS=Mus musculus GN=Sf1
Q99KR7	Ppif	0.824620034	-0.278198584	0.262408131	0.581022712	Peptidyl-prolyl cis-trans isomerase F, mitochondrial OS=Mus musculus GN=Ppif PE=1 SV=1
P43006	Slc1a2	1.194593771	0.256520104	0.262623151	0.580666992	Excitatory amino acid transporter 2 OS=Mus musculus GN=Slc1a2 PE=1 SV=1
Q6GQT9	Nomo1	0.898165275	-0.154947149	0.26310725	0.579867185	Nodal modulator 1 OS=Mus musculus GN=Nomo1 PE=1 SV=1
Q8BMJ2	Lars	0.974846976	-0.036752321	0.263118063	0.579849336	Leucine--tRNA ligase, cytoplasmic OS=Mus musculus GN=Lars PE=1 SV=2
Q6DFW4	Nop58	0.952928319	-0.0695604	0.263155909	0.579786874	Nucleolar protein 58 OS=Mus musculus GN=Nop58 PE=1 SV=1
P29387	Gnb4	1.033010126	0.046854396	0.263917268	0.578532192	Guanine nucleotide-binding protein subunit beta-4 OS=Mus musculus GN=Gnb4 PE=2 SV=4
Q80TS3-3	Lphn3	0.906123603	-0.142220235	0.264759407	0.5771486	Isoform 3 of Latrophilin-3 OS=Mus musculus GN=Lphn3
Q9CY58-3	Serbp1	0.914858101	-0.128380104	0.265300413	0.576262074	Isoform 3 of Plasminogen activator inhibitor 1 RNA-binding protein OS=Mus musculus GN=Serbp1
Q9DC51	Gnai3	1.335623037	0.417512882	0.265457807	0.576004497	Guanine nucleotide-binding protein G(k) subunit alpha OS=Mus musculus GN=Gnai3 PE=1 SV=3
Q6P1D5	Sez6l	1.088263781	0.122028289	0.265628706	0.575724993	Seizure 6-like protein OS=Mus musculus GN=Sez6l PE=2 SV=1
P63046	Sult4a1	0.873571285	-0.195002661	0.265736763	0.57554836	Sulfotransferase 4A1 OS=Mus musculus GN=Sult4a1 PE=2 SV=1
Q8R1T1-2	Chmp7	1.06162879	0.086279401	0.26594326	0.575211012	Isoform 2 of Charged multivesicular body protein 7 OS=Mus musculus GN=Chmp7
Q811P8	Arhgap32	1.205434298	0.269553019	0.26608653	0.57497711	Rho GTPase-activating protein 32 OS=Mus musculus GN=Arhgap32 PE=1 SV=2
P16388	Kcna1	1.213602612	0.279296096	0.266196492	0.574797673	Potassium voltage-gated channel subfamily A member 1 OS=Mus musculus GN=Kcna1 PE=1 SV=1
Q8BHF7	Pgs1	0.905023827	-0.14397232	0.266277639	0.574665302	CDP-diacylglycerol--glycerol-3-phosphate 3-phosphatidyltransferase, mitochondrial OS=Mus musculus GN=Pgs1 PE=2 SV=1
Q9EPJ9	Arfgap1	1.142140273	0.191739848	0.266342897	0.574558881	ADP-ribosylation factor GTPase-activating protein 1 OS=Mus musculus GN=Arfgap1 PE=1 SV=2
Q61553	Fscn1	0.951873098	-0.071158845	0.266421214	0.574431197	Fascin OS=Mus musculus GN=Fscn1 PE=1 SV=4
Q8BFZ9	Erlin2	0.943749558	-0.083524031	0.266641953	0.574071518	Erlin-2 OS=Mus musculus GN=Erlin2 PE=1 SV=1
P63001	Rac1	1.030666961	0.04357823	0.266647005	0.574063291	Ras-related C3 botulinum toxin substrate 1 OS=Mus musculus GN=Rac1 PE=1 SV=1
B9EKR1	Ptprz1	1.02262514	0.032277398	0.26674179	0.573908939	Receptor-type tyrosine-protein phosphatase zeta OS=Mus musculus GN=Ptprz1 PE=1 SV=1
Q8BMB3	Eif4e2	0.897542166	-0.155948377	0.267293492	0.573011615	Eukaryotic translation initiation factor 4E type 2 OS=Mus musculus GN=Eif4e2 PE=1 SV=1
A2ALU4	Shroom2	0.909084165	-0.137514226	0.267854843	0.572100498	Protein Shroom2 OS=Mus musculus GN=Shroom2 PE=1 SV=1
Q80TY0-3	Fnbp1	1.082447676	0.114297289	0.268451813	0.571133658	Isoform 3 of Formin-binding protein 1 OS=Mus musculus GN=Fnbp1
P53811	Pitpnb	1.065955126	0.092146706	0.268534277	0.571000271	Phosphatidylinositol transfer protein beta isoform OS=Mus musculus GN=Pitpnb PE=1 SV=2
Q99N95	Mrpl3	0.94453931	-0.082317254	0.269058557	0.570153191	39S ribosomal protein L3, mitochondrial OS=Mus musculus GN=Mrpl3 PE=2 SV=1
Q64520	Guk1	0.901672744	-0.149324183	0.269290376	0.569779167	Guanylate kinase OS=Mus musculus GN=Guk1 PE=1 SV=2
P70697	Urod	1.080748177	0.112030402	0.270125541	0.56843435	Uroporphyrinogen decarboxylase OS=Mus musculus GN=Urod PE=1 SV=2
Q99K85	Psat1	1.039400458	0.0557516	0.270797602	0.567355186	Phosphoserine aminotransferase OS=Mus musculus GN=Psat1 PE=1 SV=1
Q63810	Ppp3r1	1.076353317	0.106151726	0.271330393	0.566501555	Calcineurin subunit B type 1 OS=Mus musculus GN=Ppp3r1 PE=1 SV=3
P50247	Ahcy	1.044540087	0.062867861	0.271799042	0.565752078	Adenosylhomocysteinase OS=Mus musculus GN=Ahcy PE=1 SV=3
P68433	Hist1h3a	1.072165083	0.100527057	0.273158428	0.563585396	Histone H3.1 OS=Mus musculus GN=Hist1h3a PE=1 SV=2
Q99NB9	Sf3b1	1.121607043	0.165567313	0.273186018	0.563541533	Splicing factor 3B subunit 1 OS=Mus musculus GN=Sf3b1 PE=1 SV=1
P50544	Acadvl	1.048796219	0.068734389	0.273235509	0.563462862	Very long-chain specific acyl-CoA dehydrogenase, mitochondrial OS=Mus musculus GN=Acadvl PE=1 SV=3
Q8C167-4	Prepl	0.910592839	-0.135121981	0.273321533	0.563326152	Isoform 4 of Prolyl endopeptidase-like OS=Mus musculus GN=Prepl
P59279	Rab2b	1.088166458	0.121899264	0.274346986	0.561699807	Ras-related protein Rab-2B OS=Mus musculus GN=Rab2b PE=2 SV=1
Q9QZ10	Anxa10	0.933069828	-0.099943042	0.275962684	0.559149639	Annexin A10 OS=Mus musculus GN=Anxa10 PE=2 SV=2
Q58A65-3	Spag9	1.089144129	0.123194882	0.276045717	0.559018987	Isoform 3 of C-Jun-amino-terminal kinase-interacting protein 4 OS=Mus musculus GN=Spag9
O88998-4	Olfm1	0.860239371	-0.217189934	0.27641612	0.558436634	Isoform 4 of Noelin OS=Mus musculus GN=Olfm1
Q9DCT1	Akr1e2	0.908732042	-0.138073146	0.276552608	0.558222241	1,5-anhydro-D-fructose reductase OS=Mus musculus GN=Akr1e2 PE=1 SV=1
P18760	Cfl1	0.978825926	-0.03087578	0.276678655	0.558024344	Cofilin-1 OS=Mus musculus GN=Cfl1 PE=1 SV=3
P61021	Rab5b	1.01734807	0.02481336	0.276704753	0.557983381	Ras-related protein Rab-5B OS=Mus musculus GN=Rab5b PE=1 SV=1
Q9DB15	Mrpl12	1.052012587	0.073151967	0.276900311	0.557676556	39S ribosomal protein L12, mitochondrial OS=Mus musculus GN=Mrpl12 PE=1 SV=2
Q3B7Z2	Osbp	1.084769138	0.117388039	0.277704075	0.556417748	Oxysterol-binding protein 1 OS=Mus musculus GN=Osbp PE=1 SV=3
P62073	Timm10	1.138506991	0.187143151	0.278047909	0.555880367	Mitochondrial import inner membrane translocase subunit Tim10 OS=Mus musculus GN=Timm10 PE=1 SV=1
Q99LI7	Cstf3	0.889216546	-0.169393302	0.27851533	0.555150895	Cleavage stimulation factor subunit 3 OS=Mus musculus GN=Cstf3 PE=1 SV=1
P60670	Nploc4	0.933799066	-0.098815949	0.279170687	0.554130185	Nuclear protein localization protein 4 homolog OS=Mus musculus GN=Nploc4 PE=1 SV=3
O88485	Dync1i1	1.047229587	0.066577764	0.279447964	0.55369905	Cytoplasmic dynein 1 intermediate chain 1 OS=Mus musculus GN=Dync1i1 PE=1 SV=2
Q8VDJ3	Hdlbp	0.872522463	-0.196735821	0.280064714	0.552741606	Vigilin OS=Mus musculus GN=Hdlbp PE=1 SV=1
Q3UDE2	Ttll12	0.925361817	-0.111910524	0.280569873	0.551958964	Tubulin--tyrosine ligase-like protein 12 OS=Mus musculus GN=Ttll12 PE=2 SV=1

Accession	Gene	Fold Change (KO vs. WT)	Log2 Fold Change	Students T Test	-Log10 T Test	Description
P58021	Tm9sf2	1.099403352	0.136720784	0.280707347	0.55174622	Transmembrane 9 superfamily member 2 OS=Mus musculus GN=Tm9sf2 PE=2 SV=1
Q4VBE4	Egflam	1.177229448	0.235395536	0.281182873	0.551011136	Pikachurin OS=Mus musculus GN=Egflam PE=1 SV=1
Q8BHN3	Ganab	0.927640328	-0.108362554	0.281486114	0.550543024	Neutral alpha-glucosidase AB OS=Mus musculus GN=Ganab PE=1 SV=1
O35226-4	Psmd4	1.033191147	0.047107187	0.281617954	0.550339661	Isoform Rpn10D of 26S proteasome non-ATPase regulatory subunit 4 OS=Mus musculus GN=Psmd4
P61358	Rpl27	0.902526461	-0.147958864	0.281725772	0.550173423	60S ribosomal protein L27 OS=Mus musculus GN=Rpl27 PE=1 SV=2
P62835	Rap1a	1.039067019	0.05528871	0.282402831	0.549130954	Ras-related protein Rap-1A OS=Mus musculus GN=Rap1a PE=2 SV=1
Q9CY16	Mrps28	1.057230521	0.08028998	0.282861187	0.548426641	28S ribosomal protein S28, mitochondrial OS=Mus musculus GN=Mrps28 PE=1 SV=1
Q7TMF3	Ndufa12	1.053902259	0.075741074	0.283492039	0.547459132	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 12 OS=Mus musculus GN=Ndufa12 PE=2 SV=2
Q9QUG9	Rasgrp2	0.760356188	-0.395252689	0.284015439	0.546658051	RAS guanyl-releasing protein 2 OS=Mus musculus GN=Rasgrp2 PE=1 SV=2
P54775	Psmc4	0.974428023	-0.037372471	0.284087355	0.546548096	26S protease regulatory subunit 6B OS=Mus musculus GN=Psmc4 PE=1 SV=2
Q9D0L8-2	Rnmt	1.027775517	0.039525191	0.284179925	0.546406604	Isoform 2 of mRNA cap guanine-N7 methyltransferase OS=Mus musculus GN=Rnmt
P62717	Rpl18a	0.931156664	-0.102904178	0.284777507	0.545494317	60S ribosomal protein L18a OS=Mus musculus GN=Rpl18a PE=1 SV=1
Q6P5D3	Dhx57	1.43546875	0.521521924	0.285368695	0.544593671	Putative ATP-dependent RNA helicase DHX57 OS=Mus musculus GN=Dhx57 PE=2 SV=2
O88998	Olfm1	1.047151984	0.066470851	0.285418392	0.544518044	Noelin OS=Mus musculus GN=Olfm1 PE=1 SV=1
Q8C7X2-3	Emc1	0.777839159	-0.362456229	0.286243287	0.54326469	Isoform 3 of ER membrane protein complex subunit 1 OS=Mus musculus GN=Emc1
P46471	Psmc2	0.930970363	-0.103192854	0.2865343	0.542823382	26S protease regulatory subunit 7 OS=Mus musculus GN=Psmc2 PE=1 SV=5
Q8K4Z5	Sf3a1	0.943803004	-0.083442331	0.286582337	0.54275058	Splicing factor 3A subunit 1 OS=Mus musculus GN=Sf3a1 PE=1 SV=1
Q9D7B6	Acad8	0.931005682	-0.103138122	0.286832634	0.542371439	Isobutyryl-CoA dehydrogenase, mitochondrial OS=Mus musculus GN=Acad8 PE=1 SV=2
P61089	Ube2n	0.939418327	-0.090160355	0.287270352	0.541709194	Ubiquitin-conjugating enzyme E2 N OS=Mus musculus GN=Ube2n PE=1 SV=1
P14094	Atp1b1	1.071914863	0.100190324	0.28824056	0.540244907	Sodium/potassium-transporting ATPase subunit beta-1 OS=Mus musculus GN=Atp1b1 PE=1 SV=1
P63330	Ppp2ca	0.96295978	-0.054452552	0.28914667	0.538881805	Serine/threonine-protein phosphatase 2A catalytic subunit alpha isoform OS=Mus musculus GN=Ppp2ca PE=1 SV=1
Q9D3P8	Plgrkt	0.96117331	-0.057131507	0.28928619	0.538672298	Plasminogen receptor (KT) OS=Mus musculus GN=Plgrkt PE=1 SV=1
P46735	Myo1b	0.937540522	-0.093047047	0.28970689	0.538041176	Unconventional myosin-Ib OS=Mus musculus GN=Myo1b PE=2 SV=3
P11798-2	Camk2a	1.109371303	0.149742312	0.290022145	0.53756884	Isoform Alpha KAP of Calcium/calmodulin-dependent protein kinase type II subunit alpha OS=Mus musculus GN=Camk2a
P35802	Gpm6a	0.901350502	-0.149839869	0.290059587	0.537512776	Neuronal membrane glycoprotein M6-a OS=Mus musculus GN=Gpm6a PE=1 SV=1
Q9DCT8	Crip2	1.028481631	0.040516028	0.290174809	0.537340292	Cysteine-rich protein 2 OS=Mus musculus GN=Crip2 PE=1 SV=1
P63046-2	Sult4a1	0.863303678	-0.21205996	0.290184756	0.537325406	Isoform 2 of Sulfotransferase 4A1 OS=Mus musculus GN=Sult4a1
P54227	Stmn1	1.051947005	0.073062027	0.290428299	0.536961069	Stathmin OS=Mus musculus GN=Stmn1 PE=1 SV=2
O88738-3	Birc6	0.884283647	-0.177418886	0.290444625	0.536936656	Isoform 3 of Baculoviral IAP repeat-containing protein 6 OS=Mus musculus GN=Birc6
P62996	Tra2b	1.111451416	0.152444887	0.291408716	0.535497463	Transformer-2 protein homolog beta OS=Mus musculus GN=Tra2b PE=2 SV=1
Q8R1T1	Chmp7	1.055530072	0.077967681	0.291440986	0.535449373	Charged multivesicular body protein 7 OS=Mus musculus GN=Chmp7 PE=1 SV=1
Q8CI95	Osbpl11	1.057482259	0.08063346	0.291524946	0.535324277	Oxysterol-binding protein-related protein 11 OS=Mus musculus GN=Osbpl11 PE=1 SV=2
Q99LC8	Eif2b1	1.105008078	0.144056916	0.291988874	0.534633697	Translation initiation factor eIF-2B subunit alpha OS=Mus musculus GN=Eif2b1 PE=2 SV=1
Q9DBR3	Armc8	1.178093238	0.236453724	0.292368897	0.53406883	Armadillo repeat-containing protein 8 OS=Mus musculus GN=Armc8 PE=2 SV=2
Q9CX34	Sugt1	1.045201938	0.063781705	0.293086329	0.533004438	Suppressor of G2 allele of SKP1 homolog OS=Mus musculus GN=Sugt1 PE=2 SV=3
Q8BRT1-5	Clasp2	0.966129865	-0.049710969	0.293854559	0.531867568	Isoform 2 of CLIP-associating protein 2 OS=Mus musculus GN=Clasp2
Q3ULJ0	Gpd1l	1.026075709	0.037137184	0.294345743	0.531142241	Glycerol-3-phosphate dehydrogenase 1-like protein OS=Mus musculus GN=Gpd1l PE=1 SV=2
P21619	Lmnb2	1.052473968	0.07378455	0.294837694	0.530416994	Lamin-B2 OS=Mus musculus GN=Lmnb2 PE=1 SV=2
Q9CRB6	Tppp3	0.892864343	-0.163487098	0.29547473	0.529479656	Tubulin polymerization-promoting protein family member 3 OS=Mus musculus GN=Tppp3 PE=1 SV=1
P61164	Actr1a	0.968337406	-0.04641827	0.29628632	0.5282884	Alpha-centractin OS=Mus musculus GN=Actr1a PE=2 SV=1
Q9ESN6	Trim2	0.929367439	-0.105678996	0.296678827	0.527713446	Tripartite motif-containing protein 2 OS=Mus musculus GN=Trim2 PE=1 SV=1
Q8CGK3	Lonp1	1.098792796	0.135919357	0.296823001	0.527502449	Lon protease homolog, mitochondrial OS=Mus musculus GN=Lonp1 PE=1 SV=2
B1AZP2-3	Dlgap4	0.957417029	-0.062780628	0.2968459	0.527468945	Isoform 3 of Disks large-associated protein 4 OS=Mus musculus GN=Dlgap4
Q6P5E6	Gga2	1.110219901	0.150845459	0.297694984	0.526228482	ADP-ribosylation factor-binding protein GGA2 OS=Mus musculus GN=Gga2 PE=1 SV=1
Q9D6U8	Fam162a	0.945418515	-0.080974976	0.297895565	0.525935962	Protein FAM162A OS=Mus musculus GN=Fam162a PE=2 SV=1
Q3UMR5-2	Mcu	1.038272405	0.054185004	0.298056152	0.52570191	Isoform 2 of Calcium uniporter protein, mitochondrial OS=Mus musculus GN=Mcu
Q6P9K8-3	Caskin1	1.049033973	0.0690614	0.298715163	0.524742732	Isoform 3 of Caskin-1 OS=Mus musculus GN=Caskin1
P61222	Abce1	0.974331421	-0.037515503	0.299159055	0.524097847	ATP-binding cassette sub-family E member 1 OS=Mus musculus GN=Abce1 PE=2 SV=1
Q8BHC4	Dcakd	1.098472608	0.135498894	0.299187318	0.52405682	Dephospho-CoA kinase domain-containing protein OS=Mus musculus GN=Dcakd PE=2 SV=1
P80560	Ptprn2	1.097212016	0.133842327	0.300056632	0.52279677	Receptor-type tyrosine-protein phosphatase N2 OS=Mus musculus GN=Ptprn2 PE=1 SV=2
Q9ES28-3	Arhgef7	1.028967175	0.04119696	0.300212625	0.522571048	Isoform C of Rho guanine nucleotide exchange factor 7 OS=Mus musculus GN=Arhgef7
P45878	Fkbp2	0.89919387	-0.153295894	0.300226049	0.522551629	Peptidyl-prolyl cis-trans isomerase FKBP2 OS=Mus musculus GN=Fkbp2 PE=1 SV=1
Q9D924	Isca1	1.034572402	0.049034612	0.300325068	0.522408415	Iron-sulfur cluster assembly 1 homolog, mitochondrial OS=Mus musculus GN=Isca1 PE=2 SV=1
Q8BGH7	Cdc42se2	0.877443757	-0.188621442	0.300350212	0.522372057	CDC42 small effector protein 2 OS=Mus musculus GN=Cdc42se2 PE=1 SV=1
A6H611	Mipep	1.125459462	0.170514094	0.300874856	0.521614105	Mitochondrial intermediate peptidase OS=Mus musculus GN=Mipep PE=2 SV=1
Q61771	Kif3b	1.053847927	0.075666697	0.300895614	0.521584143	Kinesin-like protein KIF3B OS=Mus musculus GN=Kif3b PE=1 SV=1
Q6NZB0	Dnajc8	1.090428766	0.124895527	0.301040083	0.521375675	DnaJ homolog subfamily C member 8 OS=Mus musculus GN=Dnajc8 PE=2 SV=2
Q9WUC3	Ly6h	0.928880113	-0.10643569	0.301069212	0.521333654	Lymphocyte antigen 6H OS=Mus musculus GN=Ly6h PE=2 SV=2
Q80TL4	Kiaa1045	1.097422862	0.134119537	0.301826168	0.520243109	Protein KIAA1045 OS=Mus musculus GN=Kiaa1045 PE=2 SV=2
Q8K4B0	Mta1	0.887559431	-0.17208437	0.301969187	0.52003737	Metastasis-associated protein MTA1 OS=Mus musculus GN=Mta1 PE=1 SV=1
Q8CI75	Dis3l2	1.099281956	0.136561472	0.302154658	0.519770707	DIS3-like exonuclease 2 OS=Mus musculus GN=Dis3l2 PE=1 SV=1
P63011	Rab3a	1.060980006	0.08539747	0.302246699	0.519638433	Ras-related protein Rab-3A OS=Mus musculus GN=Rab3a PE=1 SV=1
Q64518-3	Atp2a3	0.876469341	-0.190224468	0.30231808	0.519535879	Isoform SERCA3C of Sarcoplasmic/endoplasmic reticulum calcium ATPase 3 OS=Mus musculus GN=Atp2a3
Q61584-3	Fxr1	0.91674073	-0.125414322	0.302353137	0.519485521	Isoform B of Fragile X mental retardation syndrome-related protein 1 OS=Mus musculus GN=Fxr1
O35250	Exoc7	1.287597449	0.364681623	0.302508401	0.51926256	Exocyst complex component 7 OS=Mus musculus GN=Exoc7 PE=1 SV=2
Q9CZ44	Nsfl1c	0.963437909	-0.053736403	0.303127213	0.518375073	NSFL1 cofactor p47 OS=Mus musculus GN=Nsfl1c PE=1 SV=1
Q8C754	Vps52	1.043254956	0.061091774	0.304689982	0.516141825	Vacuolar protein sorting-associated protein 52 homolog OS=Mus musculus GN=Vps52 PE=2 SV=1
B1AQ75	Krt36	0.629704197	-0.667253812	0.304708668	0.516115191	Keratin, type I cuticular Ha6 OS=Mus musculus GN=Krt36 PE=1 SV=1
Q9Z1J3	Nfs1	1.14063294	0.189834602	0.304755035	0.516049111	Cysteine desulfurase, mitochondrial OS=Mus musculus GN=Nfs1 PE=2 SV=3
O08997	Atox1	0.949090633	-0.075382231	0.304980072	0.515728538	Copper transport protein ATOX1 OS=Mus musculus GN=Atox1 PE=1 SV=1
P59764	Dock4	0.871628992	-0.198213911	0.30519732	0.515419284	Dedicator of cytokinesis protein 4 OS=Mus musculus GN=Dock4 PE=1 SV=1
P48678	Lmna	1.072325924	0.100743467	0.305312737	0.515255077	Prelamin-A/C OS=Mus musculus GN=Lmna PE=1 SV=2
P22907	Hmbs	1.069962783	0.097560616	0.306116569	0.514113163	Porphobilinogen deaminase OS=Mus musculus GN=Hmbs PE=1 SV=2
P26883	Fkbp1a	1.439622432	0.525690487	0.306217807	0.513969558	Peptidyl-prolyl cis-trans isomerase FKBP1A OS=Mus musculus GN=Fkbp1a PE=1 SV=2
Q80TA9	Epg5	1.123956787	0.168586569	0.306497987	0.513572373	Ectopic P granules protein 5 homolog OS=Mus musculus GN=Epg5 PE=2 SV=2
P36916-2	Gnl1	1.091310484	0.126061615	0.307430376	0.512253224	Isoform 2 of Guanine nucleotide-binding protein-like 1 OS=Mus musculus GN=Gnl1
O08553	Dpysl2	0.973335244	-0.038991299	0.308449537	0.510815878	Dihydropyrimidinase-related protein 2 OS=Mus musculus GN=Dpysl2 PE=1 SV=2
Q9CZY3	Ube2v1	0.913221166	-0.130963797	0.308818929	0.510296087	Ubiquitin-conjugating enzyme E2 variant 1 OS=Mus musculus GN=Ube2v1 PE=1 SV=1
P67984	Rpl22	0.950284887	-0.073568009	0.309417437	0.509455215	60S ribosomal protein L22 OS=Mus musculus GN=Rpl22 PE=1 SV=2
Q9CQN1	Trap1	1.089364467	0.123486715	0.309697104	0.509062856	Heat shock protein 75 kDa, mitochondrial OS=Mus musculus GN=Trap1 PE=1 SV=1
Q8VBZ3	Clptm1	0.900472575	-0.151245757	0.310058596	0.508556224	Cleft lip and palate transmembrane protein 1 homolog OS=Mus musculus GN=Clptm1 PE=2 SV=1
P59648	Fxyd7	1.139564245	0.188482261	0.310519109	0.507911669	FXYD domain-containing ion transport regulator 7 OS=Mus musculus GN=Fxyd7 PE=2 SV=1
Q9QZB0	Rgs17	0.946511716	-0.079307732	0.310863567	0.507430175	Regulator of G-protein signaling 17 OS=Mus musculus GN=Rgs17 PE=1 SV=1
Q8BH43	Wasf2	1.135368355	0.183160437	0.310923464	0.507346503	Wiskott-Aldrich syndrome protein family member 2 OS=Mus musculus GN=Wasf2 PE=1 SV=1
Q62261	Sptbn1	1.023190569	0.033074872	0.31220355	0.505562163	Spectrin beta chain, non-erythrocytic 1 OS=Mus musculus GN=Sptbn1 PE=1 SV=2
P34022	Ranbp1	0.924886791	-0.112651308	0.313210003	0.504164377	Ran-specific GTPase-activating protein OS=Mus musculus GN=Ranbp1 PE=1 SV=2
Q9Z2X1	Hnrnpf	0.907903005	-0.139389918	0.313748054	0.50341896	Heterogeneous nuclear ribonucleoprotein F OS=Mus musculus GN=Hnrnpf PE=1 SV=3
P98156	Vldlr	0.89475649	-0.160432992	0.314112031	0.50291543	Very low-density lipoprotein receptor OS=Mus musculus GN=Vldlr PE=1 SV=1
O70194	Eif3d	0.928389434	-0.107197992	0.315374226	0.501173802	Eukaryotic translation initiation factor 3 subunit D OS=Mus musculus GN=Eif3d PE=1 SV=2
P70333	Hnrnph2	0.946822912	-0.078833477	0.315892935	0.500460087	Heterogeneous nuclear ribonucleoprotein H2 OS=Mus musculus GN=Hnrnph2 PE=2 SV=1
P61514	Rpl37a	0.940554648	-0.088416326	0.3170684	0.498847039	60S ribosomal protein L37a OS=Mus musculus GN=Rpl37a PE=2 SV=2
P62204	Calm1	1.09452795	0.130308796	0.317802064	0.497843286	Calmodulin OS=Mus musculus GN=Calm1 PE=1 SV=2
Q8VCH5	Rabepk	0.808257306	-0.307113451	0.31798564	0.497592492	Rab9 effector protein with kelch motifs OS=Mus musculus GN=Rabepk PE=2 SV=2
Q9Z0F7	Sncg	1.360665062	0.444311981	0.318203967	0.49729441	Gamma-synuclein OS=Mus musculus GN=Sncg PE=1 SV=1
Q99KK2-2	Cmas	1.039463958	0.055839735	0.318326673	0.497126969	Isoform 2 of N-acylneuraminate cytidylyltransferase OS=Mus musculus GN=Cmas
Q8BYM5	Nlgn3	0.94164563	-0.086743863	0.318951216	0.496275737	Neuroligin-3 OS=Mus musculus GN=Nlgn3 PE=1 SV=2
Q6NZC7	Sec23ip	1.053996813	0.075870505	0.319066843	0.496118324	SEC23-interacting protein OS=Mus musculus GN=Sec23ip PE=2 SV=2
P62270	Rps18	0.963147822	-0.054170859	0.319382617	0.495688725	40S ribosomal protein S18 OS=Mus musculus GN=Rps18 PE=1 SV=3
Q99K01-4	Pdxdc1	0.85322212	-0.229006726	0.319794499	0.495129011	Isoform 4 of Pyridoxal-dependent decarboxylase domain-containing protein 1 OS=Mus musculus GN=Pdxdc1
Q8VBT0	Tmx1	0.835507943	-0.25927455	0.31999033	0.494863146	Thioredoxin-related transmembrane protein 1 OS=Mus musculus GN=Tmx1 PE=1 SV=1
Q921M3	Sf3b3	0.94616491	-0.079836438	0.320184412	0.494599815	Splicing factor 3B subunit 3 OS=Mus musculus GN=Sf3b3 PE=2 SV=1
Q8CIQ7	Dock3	0.910526503	-0.135227084	0.32019955	0.494579283	Dedicator of cytokinesis protein 3 OS=Mus musculus GN=Dock3 PE=1 SV=1
O55125	Nipsnap1	1.028076889	0.039948166	0.320596341	0.494041439	Protein NipSnap homolog 1 OS=Mus musculus GN=Nipsnap1 PE=1 SV=1
P83510	Tnik	0.921520495	-0.117911843	0.320724693	0.493867602	Traf2 and NCK-interacting protein kinase OS=Mus musculus GN=Tnik PE=1 SV=2
Q61753	Phgdh	1.037346495	0.052897865	0.32092292	0.493599265	D-3-phosphoglycerate dehydrogenase OS=Mus musculus GN=Phgdh PE=1 SV=3
Q9D1A2	Cndp2	1.070667145	0.098510037	0.321252007	0.493154151	Cytosolic non-specific dipeptidase OS=Mus musculus GN=Cndp2 PE=1 SV=1
Q3TYD6	Lmtk2	0.792381241	-0.335733368	0.321284113	0.493110749	Serine/threonine-protein kinase LMTK2 OS=Mus musculus GN=Lmtk2 PE=1 SV=3
Q9DBL1	Acadsb	1.063954007	0.089435787	0.321442246	0.492897046	Short/branched chain specific acyl-CoA dehydrogenase, mitochondrial OS=Mus musculus GN=Acadsb PE=1 SV=1
Q8K411-3	Pitrm1	1.108452201	0.14854656	0.322825795	0.49103177	Isoform 3 of Presequence protease, mitochondrial OS=Mus musculus GN=Pitrm1
P31786	Dbi	0.954990228	-0.066442125	0.32292872	0.490893329	Acyl-CoA-binding protein OS=Mus musculus GN=Dbi PE=1 SV=2
Q8BMA6	Srp68	0.940500963	-0.088498674	0.32299638	0.490802346	Signal recognition particle subunit SRP68 OS=Mus musculus GN=Srp68 PE=2 SV=2
Q80TH2-2	Erbb2ip	1.061706351	0.086384797	0.324219764	0.489160515	Isoform 2 of Protein LAP2 OS=Mus musculus GN=Erbb2ip
P70202	Lxn	1.064123626	0.089665768	0.324572923	0.488687714	Latexin OS=Mus musculus GN=Lxn PE=1 SV=2
P62315	Snrpd1	0.956621898	-0.063979278	0.32469626	0.488522713	Small nuclear ribonucleoprotein Sm D1 OS=Mus musculus GN=Snrpd1 PE=2 SV=1
O55128	Sap18	0.89447311	-0.160889983	0.325014364	0.488097445	Histone deacetylase complex subunit SAP18 OS=Mus musculus GN=Sap18 PE=1 SV=1
Q9D358	Acp1	1.061312307	0.085849254	0.325038502	0.488065193	Low molecular weight phosphotyrosine protein phosphatase OS=Mus musculus GN=Acp1 PE=1 SV=3
Q8BNW9	Kbtbd11	1.136902015	0.18510792	0.325611612	0.487300116	Kelch repeat and BTB domain-containing protein 11 OS=Mus musculus GN=Kbtbd11 PE=1 SV=3

Accession	Gene	Fold Change (KO vs. WT)	Log2 Fold Change	Students T Test	-Log10 T Test	Description
P62492	Rab11a	0.954105137	-0.067779842	0.325749361	0.487116427	Ras-related protein Rab-11A OS=Mus musculus GN=Rab11a PE=1 SV=3
Q8VIM9	Irgq	1.131618338	0.178387461	0.325799404	0.487049714	Immunity-related GTPase family Q protein OS=Mus musculus GN=Irgq PE=2 SV=1
Q8BWT5	Dip2a	1.099744106	0.13716787	0.326117794	0.486625504	Disco-interacting protein 2 homolog A OS=Mus musculus GN=Dip2a PE=2 SV=3
Q9EQZ6-3	Rapgef4	1.102803509	0.141175763	0.326365088	0.486296305	Isoform 3 of Rap guanine nucleotide exchange factor 4 OS=Mus musculus GN=Rapgef4
Q9JL26	Fmnl1	1.083677245	0.115935138	0.326585693	0.486002845	Formin-like protein 1 OS=Mus musculus GN=Fmnl1 PE=1 SV=1
Q60770	Stxbp3	1.150345868	0.202067694	0.327514537	0.484769419	Syntaxin-binding protein 3 OS=Mus musculus GN=Stxbp3 PE=1 SV=1
Q64133	Maoa	1.050918429	0.071650693	0.328890313	0.482948917	Amine oxidase [flavin-containing] A OS=Mus musculus GN=Maoa PE=1 SV=3
Q62083	Pick1	1.180416544	0.239296046	0.32908287	0.482694724	PRKCA-binding protein OS=Mus musculus GN=Pick1 PE=1 SV=2
Q6P5D3-5	Dhx57	0.295801527	-1.757298596	0.331605722	0.479377985	Isoform 5 of Putative ATP-dependent RNA helicase DHX57 OS=Mus musculus GN=Dhx57
Q63850	Nup62	0.903189757	-0.146898969	0.331615392	0.47936532	Nuclear pore glycoprotein p62 OS=Mus musculus GN=Nup62 PE=1 SV=2
Q64511	Top2b	1.103838969	0.142529723	0.331979205	0.47888912	DNA topoisomerase 2-beta OS=Mus musculus GN=Top2b PE=1 SV=2
Q8VHI6	Wasf3	1.041452804	0.058597462	0.33248096	0.478233221	Wiskott-Aldrich syndrome protein family member 3 OS=Mus musculus GN=Wasf3 PE=2 SV=1
O70551	Srpk1	0.959607897	-0.059483065	0.333222154	0.477266132	SRSF protein kinase 1 OS=Mus musculus GN=Srpk1 PE=1 SV=2
P45376	Akr1b1	0.966179365	-0.049637055	0.333330175	0.47712537	Aldose reductase OS=Mus musculus GN=Akr1b1 PE=1 SV=3
Q01097	Grin2b	0.946380125	-0.079508319	0.333354958	0.477093081	Glutamate receptor ionotropic, NMDA 2B OS=Mus musculus GN=Grin2b PE=1 SV=3
Q7TSJ3	Ppp6r1	1.10405747	0.142815272	0.334356854	0.475789769	Serine/threonine-protein phosphatase 6 regulatory subunit 1 OS=Mus musculus GN=Ppp6r1 PE=1 SV=1
P62334	Psmc6	0.94215559	-0.085962766	0.334729763	0.47530567	26S protease regulatory subunit 10B OS=Mus musculus GN=Psmc6 PE=1 SV=1
P56399	Usp5	0.95388413	-0.068114064	0.334881051	0.475109426	Ubiquitin carboxyl-terminal hydrolase 5 OS=Mus musculus GN=Usp5 PE=1 SV=1
P70318	Tial1	0.904497944	-0.144810871	0.335028438	0.474918327	Nucleolysin TIAR OS=Mus musculus GN=Tial1 PE=1 SV=1
P70335	Rock1	1.179338277	0.237977595	0.335160292	0.47474744	Rho-associated protein kinase 1 OS=Mus musculus GN=Rock1 PE=1 SV=1
Q8CH77-4	Nav1	1.106901539	0.146526897	0.335429463	0.474398792	Isoform 4 of Neuron navigator 1 OS=Mus musculus GN=Nav1
Q6IR34-3	Gpsm1	0.859517262	-0.218401481	0.335980693	0.473685678	Isoform 3 of G-protein-signaling modulator 1 OS=Mus musculus GN=Gpsm1
Q3UZ39-2	Lrrfip1	1.066216263	0.092500093	0.336029659	0.473622389	Isoform 2 of Leucine-rich repeat flightless-interacting protein 1 OS=Mus musculus GN=Lrrfip1
P54726	Rad23a	1.048156861	0.067854638	0.336255263	0.47333091	UV excision repair protein RAD23 homolog A OS=Mus musculus GN=Rad23a PE=1 SV=2
Q60625	Icam5	1.047314527	0.066694775	0.336564328	0.472931916	Intercellular adhesion molecule 5 OS=Mus musculus GN=Icam5 PE=1 SV=2
Q6URW6-3	Myh14	0.968357017	-0.046389051	0.337198095	0.472114888	Isoform 3 of Myosin-14 OS=Mus musculus GN=Myh14
Q8BXZ1	Tmx3	1.079191114	0.109950375	0.337905951	0.471204159	Protein disulfide-isomerase TMX3 OS=Mus musculus GN=Tmx3 PE=1 SV=2
O35926	Cdk5r2	0.939005544	-0.090794419	0.338306516	0.470689638	Cyclin-dependent kinase 5 activator 2 OS=Mus musculus GN=Cdk5r2 PE=3 SV=2
P57722	Pcbp3	0.969248904	-0.045060896	0.339260772	0.469466355	Poly(rC)-binding protein 3 OS=Mus musculus GN=Pcbp3 PE=2 SV=3
Q9QZE5	Copg1	0.968813419	-0.045709246	0.339405266	0.469281424	Coatomer subunit gamma-1 OS=Mus musculus GN=Copg1 PE=2 SV=1
Q62095	Ddx3y	0.977410263	-0.032963842	0.339827024	0.468742088	ATP-dependent RNA helicase DDX3Y OS=Mus musculus GN=Ddx3y PE=1 SV=2
Q8C854-2	Myef2	0.970998229	-0.042459431	0.340015317	0.468501519	Isoform 4 of Myelin expression factor 2 OS=Mus musculus GN=Myef2
Q9CZY3-2	Ube2v1	0.908608427	-0.138269409	0.340221974	0.46823764	Isoform 2 of Ubiquitin-conjugating enzyme E2 variant 1 OS=Mus musculus GN=Ube2v1
Q8R361	Rab11fip5	1.068089381	0.095032381	0.340720915	0.467601206	Rab11 family-interacting protein 5 OS=Mus musculus GN=Rab11fip5 PE=1 SV=2
Q9WUM4	Coro1c	0.965447623	-0.050730102	0.340738144	0.467579247	Coronin-1C OS=Mus musculus GN=Coro1c PE=1 SV=2
Q8C7E9	Cstf2t	0.827501835	-0.273165584	0.341781702	0.466251192	Cleavage stimulation factor subunit 2 tau variant OS=Mus musculus GN=Cstf2t PE=1 SV=2
O08638	Myh11	0.968277371	-0.046507716	0.341956616	0.466028989	Myosin-11 OS=Mus musculus GN=Myh11 PE=1 SV=1
P14685	Psmd3	0.916200523	-0.126264709	0.342597399	0.465215939	26S proteasome non-ATPase regulatory subunit 3 OS=Mus musculus GN=Psmd3 PE=1 SV=3
Q9CY64	Blvra	0.898933232	-0.15371413	0.343822804	0.463665323	Biliverdin reductase A OS=Mus musculus GN=Blvra PE=2 SV=1
Q6P9Q6	Fkbp15	1.059763042	0.083741722	0.344042293	0.463388167	FK506-binding protein 15 OS=Mus musculus GN=Fkbp15 PE=1 SV=2
P14733	Lmnb1	0.974205552	-0.03770189	0.344071838	0.463350872	Lamin-B1 OS=Mus musculus GN=Lmnb1 PE=1 SV=3
P70696	Hist1h2ba	0.975545149	-0.035719451	0.344518771	0.46278711	Histone H2B type 1-A OS=Mus musculus GN=Hist1h2ba PE=1 SV=3
Q99KH8	Stk24	1.042075149	0.059459321	0.345063931	0.462100434	Serine/threonine-protein kinase 24 OS=Mus musculus GN=Stk24 PE=1 SV=1
Q3UFY7-4	Nt5c3b	0.953740593	-0.068331172	0.345146574	0.461996433	Isoform 4 of 7-methylguanosine phosphate-specific 5'-nucleotidase OS=Mus musculus GN=Nt5c3b
O08914	Faah	0.977850727	-0.032313846	0.346094756	0.460804981	Fatty-acid amide hydrolase 1 OS=Mus musculus GN=Faah PE=2 SV=1
Q99LD8	Ddah2	0.776726694	-0.364521047	0.346120059	0.460773231	N(G),N(G)-dimethylarginine dimethylaminohydrolase 2 OS=Mus musculus GN=Ddah2 PE=1 SV=1
Q8CHU3	Epn2	1.072541652	0.101033676	0.346257277	0.460601091	Epsin-2 OS=Mus musculus GN=Epn2 PE=1 SV=1
P52623	Uck1	0	#NUM!	0.346593507	0.460179577	Uridine-cytidine kinase 1 OS=Mus musculus GN=Uck1 PE=2 SV=2
Q9R0A0	Pex14	0	#NUM!	0.346593507	0.460179577	Peroxisomal membrane protein PEX14 OS=Mus musculus GN=Pex14 PE=1 SV=1
Q61081	Cdc37	1.04219506	0.059625322	0.346692976	0.460054958	Hsp90 co-chaperone Cdc37 OS=Mus musculus GN=Cdc37 PE=2 SV=1
Q8VEG4	Exd2	0.853568726	-0.228420776	0.347032504	0.459629846	Exonuclease 3'-5' domain-containing protein 2 OS=Mus musculus GN=Exd2 PE=2 SV=1
Q6NV83-3	U2surp	1.096305654	0.132650083	0.347449458	0.459108361	Isoform 3 of U2 snRNP-associated SURP motif-containing protein OS=Mus musculus GN=U2surp
Q8R0H9	Gga1	1.059975019	0.084030264	0.347490795	0.459056695	ADP-ribosylation factor-binding protein GGA1 OS=Mus musculus GN=Gga1 PE=1 SV=1
O88342	Wdr1	1.009215133	0.013233744	0.347754674	0.458727024	WD repeat-containing protein 1 OS=Mus musculus GN=Wdr1 PE=1 SV=3
Q9EQ20	Aldh6a1	1.042998023	0.060736424	0.348436529	0.457876321	Methylmalonate-semialdehyde dehydrogenase [acylating], mitochondrial OS=Mus musculus GN=Aldh6a1 PE=1 SV=1
O88456	Capns1	1.054955856	0.077182632	0.348974525	0.457206275	Calpain small subunit 1 OS=Mus musculus GN=Capns1 PE=2 SV=1
Q8K4P8-3	Hecw1	0.952574282	-0.070096497	0.349133315	0.457008708	Isoform 3 of E3 ubiquitin-protein ligase HECW1 OS=Mus musculus GN=Hecw1
P62075	Timm13	1.037346478	0.052897841	0.349653165	0.456362536	Mitochondrial import inner membrane translocase subunit Tim13 OS=Mus musculus GN=Timm13 PE=1 SV=1
Q99LY9	Ndufs5	1.07682086	0.106778262	0.350041712	0.4558802	NADH dehydrogenase [ubiquinone] iron-sulfur protein 5 OS=Mus musculus GN=Ndufs5 PE=1 SV=3
P49138	Mapkapk2	0.911879173	-0.13308542	0.350285515	0.455577821	MAP kinase-activated protein kinase 2 OS=Mus musculus GN=Mapkapk2 PE=1 SV=2
Q8BQZ4-2	Ralgapb	0.954431917	-0.067285806	0.350425039	0.45540487	Isoform 2 of Ral GTPase-activating protein subunit beta OS=Mus musculus GN=Ralgapb
Q99LB6	Mat2b	1.136428645	0.184507102	0.350806832	0.454931957	Methionine adenosyltransferase 2 subunit beta OS=Mus musculus GN=Mat2b PE=2 SV=1
Q99KK2	Cmas	0.949317694	-0.075037121	0.351178041	0.454472648	N-acylneuraminate cytidylyltransferase OS=Mus musculus GN=Cmas PE=1 SV=2
P50429	Arsb	1.134561428	0.182134722	0.351574206	0.453982996	Arylsulfatase B OS=Mus musculus GN=Arsb PE=2 SV=3
Q9CPT4	D17Wsu104e	0.952201772	-0.070660781	0.351579564	0.453976377	UPF0556 protein C19orf10 homolog OS=Mus musculus GN=D17Wsu104e PE=2 SV=1
Q9JM52-3	Mink1	0.930877043	-0.103337476	0.351727873	0.453793214	Isoform 3 of Misshapen-like kinase 1 OS=Mus musculus GN=Mink1
Q9D8N0	Eef1g	0.935425309	-0.096305632	0.351905992	0.453573339	Elongation factor 1-gamma OS=Mus musculus GN=Eef1g PE=1 SV=3
Q60634-3	Flot2	1.033803053	0.047961368	0.351969717	0.453494701	Isoform 3 of Flotillin-2 OS=Mus musculus GN=Flot2
Q9CWE0-2	Mtfr1l	1.060691679	0.085005356	0.352236876	0.453165179	Isoform 2 of Mitochondrial fission regulator 1-like OS=Mus musculus GN=Mtfr1l
Q5SRX1-3	Tom1l2	1.076179366	0.105918551	0.352867908	0.452387837	Isoform 3 of TOM1-like protein 2 OS=Mus musculus GN=Tom1l2
Q9CQX8	Mrps36	1.060324425	0.08450575	0.35319922	0.451980264	28S ribosomal protein S36, mitochondrial OS=Mus musculus GN=Mrps36 PE=1 SV=1
O35927-2	Ctnnd2	0.973071009	-0.039383006	0.353652758	0.451422951	Isoform 2 of Catenin delta-2 OS=Mus musculus GN=Ctnnd2
Q3UH60	Dip2b	0.877953966	-0.187782799	0.353719111	0.451341476	Disco-interacting protein 2 homolog B OS=Mus musculus GN=Dip2b PE=1 SV=1
Q9DCR2	Ap3s1	0.918101297	-0.123274756	0.35418428	0.450770718	AP-3 complex subunit sigma-1 OS=Mus musculus GN=Ap3s1 PE=1 SV=2
Q8K0C4	Cyp51a1	0.924517488	-0.113227485	0.354272885	0.450662086	Lanosterol 14-alpha demethylase OS=Mus musculus GN=Cyp51a1 PE=2 SV=1
Q01405	Sec23a	0.983078851	-0.024620958	0.354441739	0.450455141	Protein transport protein Sec23A OS=Mus musculus GN=Sec23a PE=1 SV=2
P35282	Rab21	1.054598129	0.076693342	0.356021231	0.448524102	Ras-related protein Rab-21 OS=Mus musculus GN=Rab21 PE=1 SV=4
P12849	Prkar1b	0.965282098	-0.050977472	0.356123688	0.448399138	cAMP-dependent protein kinase type I-beta regulatory subunit OS=Mus musculus GN=Prkar1b PE=2 SV=2
Q62421	Sh3gl3	1.07467087	0.103894886	0.356301443	0.448182419	Endophilin-A3 OS=Mus musculus GN=Sh3gl3 PE=2 SV=1
P10637	Mapt	0.932827125	-0.100318354	0.356764148	0.447618796	Microtubule-associated protein tau OS=Mus musculus GN=Mapt PE=1 SV=3
A2CG49-8	Kalrn	1.042882123	0.0605761	0.356779591	0.447599997	Isoform 8 of Kalirin OS=Mus musculus GN=Kalrn
P21126	Ubl4a	0.916937498	-0.125104698	0.356890303	0.447465252	Ubiquitin-like protein 4A OS=Mus musculus GN=Ubl4a PE=2 SV=1
Q80YA9	Cnksr2	0.928222145	-0.107457978	0.356962463	0.44737745	Connector enhancer of kinase suppressor of ras 2 OS=Mus musculus GN=Cnksr2 PE=1 SV=1
Q8C181-3	Mbnl2	0.902398187	-0.148163925	0.357007008	0.447323259	Isoform 3 of Muscleblind-like protein 2 OS=Mus musculus GN=Mbnl2
Q80UG2	Plxna4	0.955970014	-0.06496273	0.357371822	0.446879694	Plexin-A4 OS=Mus musculus GN=Plxna4 PE=1 SV=3
Q9R1C6	Dgke	1.098976402	0.136160408	0.357538594	0.446677072	Diacylglycerol kinase epsilon OS=Mus musculus GN=Dgke PE=2 SV=1
Q9Z2W0	Dnpep	0.963920446	-0.053014011	0.359032448	0.4448663	Aspartyl aminopeptidase OS=Mus musculus GN=Dnpep PE=2 SV=2
Q80TL4-2	Kiaa1045	1.059733159	0.08370104	0.359611555	0.444166362	Isoform 2 of Protein KIAA1045 OS=Mus musculus GN=Kiaa1045
Q6ZQ38	Cand1	1.019794398	0.028278318	0.359996697	0.443701484	Cullin-associated NEDD8-dissociated protein 1 OS=Mus musculus GN=Cand1 PE=2 SV=2
O35066	Kif3c	1.118775944	0.161921139	0.360182	0.443477994	Kinesin-like protein KIF3C OS=Mus musculus GN=Kif3c PE=1 SV=3
Q9D4H8	Cul2	1.044513528	0.062831177	0.361414315	0.44199465	Cullin-2 OS=Mus musculus GN=Cul2 PE=1 SV=2
Q9CY45	N6amt2	0.957075881	-0.063294783	0.361448337	0.441953769	N(6)-adenine-specific DNA methyltransferase 2 OS=Mus musculus GN=N6amt2 PE=2 SV=1
P62500-2	Tsc22d1	0.905204301	-0.143684655	0.361506056	0.441884423	Isoform 2 of TSC22 domain family protein 1 OS=Mus musculus GN=Tsc22d1
Q8BHN3-3	Ganab	0.895924599	-0.158550774	0.361709283	0.441640345	Isoform 3 of Neutral alpha-glucosidase AB OS=Mus musculus GN=Ganab
O35927	Ctnnd2	0.974180109	-0.037739569	0.361792493	0.441540448	Catenin delta-2 OS=Mus musculus GN=Ctnnd2 PE=1 SV=1
P48678-3	Lmna	1.066568707	0.092976905	0.362222257	0.441024868	Isoform C2 of Prelamin-A/C OS=Mus musculus GN=Lmna
P97820	Map4k4	0.92660801	-0.109968942	0.362503427	0.440687883	Mitogen-activated protein kinase kinase kinase kinase 4 OS=Mus musculus GN=Map4k4 PE=1 SV=1
P08226	Apoe	0.925923137	-0.111035657	0.362577822	0.440598764	Apolipoprotein E OS=Mus musculus GN=Apoe PE=1 SV=2
Q9JKN6	Nova1	0.940368984	-0.088701139	0.36395959	0.438946833	RNA-binding protein Nova-1 OS=Mus musculus GN=Nova1 PE=1 SV=2
Q61033	Tmpo	1.130556164	0.177032664	0.36431928	0.438517845	Lamina-associated polypeptide 2, isoforms alpha/zeta OS=Mus musculus GN=Tmpo PE=1 SV=4
Q71LX4	Tln2	1.027153007	0.038651105	0.364749355	0.438005467	Talin-2 OS=Mus musculus GN=Tln2 PE=1 SV=3
Q9D287	Bcas2	1.071064484	0.09904534	0.364862262	0.437871054	Pre-mRNA-splicing factor SPF27 OS=Mus musculus GN=Bcas2 PE=2 SV=1
B2RY56	Rbm25	0.710173288	-0.493756998	0.365848268	0.436698997	RNA-binding protein 25 OS=Mus musculus GN=Rbm25 PE=1 SV=2
Q9D1L9	Lamtor5	0.944906445	-0.0817566	0.367102909	0.435212174	Ragulator complex protein LAMTOR5 OS=Mus musculus GN=Lamtor5 PE=2 SV=1
Q61233	Lcp1	1.042299277	0.059769581	0.367152458	0.43515356	Plastin-2 OS=Mus musculus GN=Lcp1 PE=1 SV=4
O54829	Rgs7	1.050304704	0.070807929	0.367442063	0.434811129	Regulator of G-protein signaling 7 OS=Mus musculus GN=Rgs7 PE=1 SV=2
Q9ESZ8-3	Gtf2i	0.935076707	-0.096843376	0.367507393	0.43473392	Isoform 3 of General transcription factor II-I OS=Mus musculus GN=Gtf2i
Q8BQZ4	Ralgapb	0.957694769	-0.062362173	0.368622793	0.433417814	Ral GTPase-activating protein subunit beta OS=Mus musculus GN=Ralgapb PE=1 SV=2
O70503	Hsd17b12	1.075862782	0.105494085	0.36951351	0.432369678	Estradiol 17-beta-dehydrogenase 12 OS=Mus musculus GN=Hsd17b12 PE=2 SV=1
Q9ER58	Spock2	1.052009485	0.073147712	0.369536587	0.432342557	Testican-2 OS=Mus musculus GN=Spock2 PE=2 SV=1
Q99K10	Nlgn1	0.92014802	-0.120062135	0.37054412	0.431160074	Neuroligin-1 OS=Mus musculus GN=Nlgn1 PE=1 SV=2
P35278	Rab5c	1.015787559	0.022598709	0.371149933	0.430450614	Ras-related protein Rab-5C OS=Mus musculus GN=Rab5c PE=1 SV=2
P27601	Gna13	0.909294013	-0.137181242	0.37134227	0.430225612	Guanine nucleotide-binding protein subunit alpha-13 OS=Mus musculus GN=Gna13 PE=1 SV=1
Q9D1P4	Chordc1	1.077700223	0.107955929	0.371641652	0.429875618	Cysteine and histidine-rich domain-containing protein 1 OS=Mus musculus GN=Chordc1 PE=1 SV=1
Q7M6Y3-3	Picalm	1.041934886	0.059265122	0.371696436	0.429811603	Isoform 3 of Phosphatidylinositol-binding clathrin assembly protein OS=Mus musculus GN=Picalm
Q8CAA7	Pgm2l1	0.982972393	-0.024777196	0.372393483	0.428997928	Glucose 1,6-bisphosphate synthase OS=Mus musculus GN=Pgm2l1 PE=1 SV=1
P14869	Rplp0	0.928437026	-0.107124037	0.372528181	0.428840869	60S acidic ribosomal protein P0 OS=Mus musculus GN=Rplp0 PE=1 SV=3

Accession	Gene	Fold Change (KO vs. WT)	Log2 Fold Change	Students T Test	-Log10 T Test	Description
P62774	Mtpn	0.961632419	-0.056442562	0.373653435	0.427531021	Myotrophin OS=Mus musculus GN=Mtpn PE=1 SV=2
Q00915	Rbp1	1.325554632	0.406596131	0.373708856	0.42746661	Retinol-binding protein 1 OS=Mus musculus GN=Rbp1 PE=2 SV=2
Q8BNU0	Armc6	0.94078087	-0.08806937	0.373777603	0.427386725	Armadillo repeat-containing protein 6 OS=Mus musculus GN=Armc6 PE=2 SV=1
Q9D880	Timm50	1.104138678	0.142921384	0.374420566	0.426640304	Mitochondrial import inner membrane translocase subunit TIM50 OS=Mus musculus GN=Timm50 PE=1 SV=1
Q9JIF0-3	Prmt1	0.923464094	-0.114872227	0.374641088	0.426384594	Isoform 3 of Protein arginine N-methyltransferase 1 OS=Mus musculus GN=Prmt1
P97496	Smarcc1	0.964762619	-0.051754086	0.37490109	0.426083296	SWI/SNF complex subunit SMARCC1 OS=Mus musculus GN=Smarcc1 PE=1 SV=2
P52912	Tia1	0.932809826	-0.100345109	0.375239658	0.425691269	Nucleolysin TIA-1 OS=Mus musculus GN=Tia1 PE=1 SV=1
Q62376	Snrnp70	0.946275994	-0.079667068	0.375858171	0.424976004	U1 small nuclear ribonucleoprotein 70 kDa OS=Mus musculus GN=Snrnp70 PE=1 SV=2
P48455	Ppp3cc	1.055903766	0.078478355	0.37692534	0.423744665	Serine/threonine-protein phosphatase 2B catalytic subunit gamma isoform OS=Mus musculus GN=Ppp3cc PE=2 SV=1
P10637-6	Mapt	0.938519088	-0.091542008	0.376972194	0.423690683	Isoform Tau-E of Microtubule-associated protein tau OS=Mus musculus GN=Mapt
Q91VR8	Brk1	1.059742393	0.08371361	0.376981231	0.423680271	Protein BRICK1 OS=Mus musculus GN=Brk1 PE=2 SV=1
Q80X32		1.136020151	0.183988426	0.377430805	0.423162657	UPF0461 protein C5orf24 homolog OS=Mus musculus PE=2 SV=1
Q9QUR7	Pin1	1.053247766	0.074844855	0.377640017	0.422921991	Peptidyl-prolyl cis-trans isomerase NIMA-interacting 1 OS=Mus musculus GN=Pin1 PE=1 SV=1
Q62093	Srsf2	0.855055351	-0.225910281	0.377730591	0.422817842	Serine/arginine-rich splicing factor 2 OS=Mus musculus GN=Srsf2 PE=1 SV=4
Q8CBY8	Dctn4	1.065237036	0.091174493	0.378403967	0.422044319	Dynactin subunit 4 OS=Mus musculus GN=Dctn4 PE=1 SV=1
Q9D023	Mpc2	1.041513448	0.058681468	0.378731973	0.421668029	Mitochondrial pyruvate carrier 2 OS=Mus musculus GN=Mpc2 PE=1 SV=1
Q4KUS2	Unc13a	1.028699513	0.040821627	0.37886766	0.421512464	Protein unc-13 homolog A OS=Mus musculus GN=Unc13a PE=1 SV=3
P59325	Eif5	0.961749883	-0.056266346	0.378977138	0.421386989	Eukaryotic translation initiation factor 5 OS=Mus musculus GN=Eif5 PE=1 SV=1
Q64337	Sqstm1	0.853912637	-0.227839618	0.379636852	0.420631636	Sequestosome-1 OS=Mus musculus GN=Sqstm1 PE=1 SV=1
Q9R0U0-3	Srsf10	0.921949882	-0.117239769	0.379777452	0.420470823	Isoform 3 of Serine/arginine-rich splicing factor 10 OS=Mus musculus GN=Srsf10
Q61136	Prpf4b	0.94705692	-0.078476957	0.379858763	0.420377851	Serine/threonine-protein kinase PRP4 homolog OS=Mus musculus GN=Prpf4b PE=1 SV=3
Q99JF8	Psip1	1.034251152	0.048586564	0.380624604	0.419503142	PC4 and SFRS1-interacting protein OS=Mus musculus GN=Psip1 PE=1 SV=1
P63163	Snrpn	0.875775378	-0.191367206	0.380964335	0.41911568	Small nuclear ribonucleoprotein-associated protein N OS=Mus musculus GN=Snrpn PE=2 SV=1
Q7TSY6-3	Celf4	0.889899932	-0.168284979	0.381548349	0.418450422	Isoform 3 of CUGBP Elav-like family member 4 OS=Mus musculus GN=Celf4
P26040	Ezr	1.040463138	0.057225853	0.38167122	0.418310587	Ezrin OS=Mus musculus GN=Ezr PE=1 SV=3
Q8K2Y7	Mrpl47	0.929845231	-0.104937489	0.381690985	0.418288097	39S ribosomal protein L47, mitochondrial OS=Mus musculus GN=Mrpl47 PE=2 SV=2
P54731	Faf1	1.076795527	0.106744322	0.381812014	0.41815041	FAS-associated factor 1 OS=Mus musculus GN=Faf1 PE=2 SV=2
Q9DD18	Dtd1	1.098294503	0.135264958	0.382144734	0.41777212	D-tyrosyl-tRNA(Tyr) deacylase 1 OS=Mus musculus GN=Dtd1 PE=1 SV=2
Q6ZWX6	Eif2s1	0.93500616	-0.096952226	0.382275421	0.417623625	Eukaryotic translation initiation factor 2 subunit 1 OS=Mus musculus GN=Eif2s1 PE=1 SV=3
Q9DCB4-2	Arpp21	0.871927177	-0.197720448	0.382764015	0.417068898	Isoform 2 of cAMP-regulated phosphoprotein 21 OS=Mus musculus GN=Arpp21
Q9D0J8	Ptms	0.959774698	-0.059232314	0.383015415	0.416783747	Parathymosin OS=Mus musculus GN=Ptms PE=1 SV=3
Q6P8X1	Snx6	1.03542864	0.050228129	0.383287466	0.416475382	Sorting nexin-6 OS=Mus musculus GN=Snx6 PE=1 SV=2
Q8R5C5	Actr1b	0.979047788	-0.030548815	0.383969813	0.415702918	Beta-centractin OS=Mus musculus GN=Actr1b PE=1 SV=1
Q9ERD7	Tubb3	0.963018141	-0.054365119	0.384066469	0.415593607	Tubulin beta-3 chain OS=Mus musculus GN=Tubb3 PE=1 SV=1
Q60631	Grb2	0.967685233	-0.047390249	0.384138701	0.415511937	Growth factor receptor-bound protein 2 OS=Mus musculus GN=Grb2 PE=1 SV=1
Q9CQ02	Commd4	0.919176613	-0.121586004	0.384485492	0.415120043	COMM domain-containing protein 4 OS=Mus musculus GN=Commd4 PE=2 SV=1
P62827	Ran	0.942542226	-0.085370842	0.384553235	0.415043531	GTP-binding nuclear protein Ran OS=Mus musculus GN=Ran PE=1 SV=3
Q68FH0	Pkp4	0.954590074	-0.067046759	0.38465302	0.414930854	Plakophilin-4 OS=Mus musculus GN=Pkp4 PE=1 SV=1
P30275	Ckmt1	1.0699312	0.09751803	0.384720353	0.414854838	Creatine kinase U-type, mitochondrial OS=Mus musculus GN=Ckmt1 PE=1 SV=1
O88329	Myo1a	0.942293396	-0.085751762	0.385652651	0.413803679	Unconventional myosin-Ia OS=Mus musculus GN=Myo1a PE=2 SV=2
P10637-2	Mapt	0.940632527	-0.088296874	0.386123866	0.413273354	Isoform Tau-A of Microtubule-associated protein tau OS=Mus musculus GN=Mapt
Q91X97	Ncald	1.041728646	0.058979526	0.386129925	0.413266539	Neurocalcin-delta OS=Mus musculus GN=Ncald PE=1 SV=4
Q8BK64	Ahsa1	0.957567874	-0.062553344	0.386764896	0.412552951	Activator of 90 kDa heat shock protein ATPase homolog 1 OS=Mus musculus GN=Ahsa1 PE=2 SV=2
P28658	Atxn10	0.966571204	-0.049052079	0.387026687	0.412259088	Ataxin-10 OS=Mus musculus GN=Atxn10 PE=1 SV=2
Q60605-2	Myl6	0.979637318	-0.029680363	0.38754443	0.411678501	Isoform Smooth muscle of Myosin light polypeptide 6 OS=Mus musculus GN=Myl6
O88712-3	Ctbp1	1.080700412	0.11196664	0.388087728	0.411070091	Isoform 3 of C-terminal-binding protein 1 OS=Mus musculus GN=Ctbp1
Q64437	Adh7	0.948147983	-0.076815848	0.388369748	0.410754607	Alcohol dehydrogenase class 4 mu/sigma chain OS=Mus musculus GN=Adh7 PE=2 SV=2
Q8BU14	Sec62	1.112514842	0.153824583	0.388533775	0.410571222	Translocation protein SEC62 OS=Mus musculus GN=Sec62 PE=1 SV=1
Q9D8S4	Rexo2	0.930103224	-0.104537257	0.388658534	0.410431792	Oligoribonuclease, mitochondrial OS=Mus musculus GN=Rexo2 PE=1 SV=2
Q2TPA8	Hsdl2	1.2643022	0.338341346	0.389513758	0.409477198	Hydroxysteroid dehydrogenase-like protein 2 OS=Mus musculus GN=Hsdl2 PE=1 SV=1
P10711-2	Tcea1	0.909264887	-0.137227453	0.390190992	0.408722761	Isoform 1 of Transcription elongation factor A protein 1 OS=Mus musculus GN=Tcea1
Q8WTY4	Ciapin1	1.047494513	0.066942687	0.390402001	0.408487965	Anamorsin OS=Mus musculus GN=Ciapin1 PE=1 SV=1
Q61937	Npm1	1.01673816	0.02394819	0.391002875	0.407820049	Nucleophosmin OS=Mus musculus GN=Npm1 PE=1 SV=1
Q8C854-1	Myef2	0.972739009	-0.03987532	0.391180481	0.407622823	Isoform 3 of Myelin expression factor 2 OS=Mus musculus GN=Myef2
Q9CQZ5	Ndufa6	1.05742428	0.080554359	0.39121633	0.407583026	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 6 OS=Mus musculus GN=Ndufa6 PE=1 SV=1
P70122	Sbds	0.927268984	-0.108940196	0.391725406	0.407018261	Ribosome maturation protein SBDS OS=Mus musculus GN=Sbds PE=1 SV=4
P70407	Cdh9	0.926857908	-0.109579911	0.391985049	0.406730497	Cadherin-9 OS=Mus musculus GN=Cdh9 PE=2 SV=2
Q9JHI5	Ivd	1.027381324	0.038971754	0.392183586	0.406510587	Isovaleryl-CoA dehydrogenase, mitochondrial OS=Mus musculus GN=Ivd PE=1 SV=1
Q9JL62	Gltp	1.213782083	0.27950943	0.392260384	0.406425551	Glycolipid transfer protein OS=Mus musculus GN=Gltp PE=2 SV=3
Q9ERU9	Ranbp2	0.915700234	-0.127052703	0.392886752	0.405732615	E3 SUMO-protein ligase RanBP2 OS=Mus musculus GN=Ranbp2 PE=1 SV=2
O70456	Sfn	0.897144648	-0.156587484	0.393407294	0.405157592	14-3-3 protein sigma OS=Mus musculus GN=Sfn PE=1 SV=2
Q8R0S4-2	Cacnb4	1.052048981	0.073201875	0.393611921	0.404931757	Isoform 2 of Voltage-dependent L-type calcium channel subunit beta-4 OS=Mus musculus GN=Cacnb4
Q9D1G5	Lrrc57	1.098580919	0.135641139	0.393905664	0.404607775	Leucine-rich repeat-containing protein 57 OS=Mus musculus GN=Lrrc57 PE=2 SV=1
Q60929-3	Mef2a	0.889298302	-0.169260664	0.393914729	0.40459778	Isoform 3 of Myocyte-specific enhancer factor 2A OS=Mus musculus GN=Mef2a
Q9Z2D0	Mtmr9	1.063494084	0.088812008	0.393998321	0.404505629	Myotubularin-related protein 9 OS=Mus musculus GN=Mtmr9 PE=2 SV=2
Q9D125	Mrps25	1.038358425	0.054304525	0.39401876	0.4044831	28S ribosomal protein S25, mitochondrial OS=Mus musculus GN=Mrps25 PE=1 SV=1
Q6R891-2	Ppp1r9b	0.968291165	-0.046487164	0.394319641	0.40415159	Isoform 2 of Neurabin-2 OS=Mus musculus GN=Ppp1r9b
P61759	Vbp1	0.943559451	-0.083814674	0.395326275	0.403044319	Prefoldin subunit 3 OS=Mus musculus GN=Vbp1 PE=2 SV=2
Q3TFD2-3	Lpcat1	1.121758735	0.165762418	0.395826777	0.40249483	Isoform 3 of Lysophosphatidylcholine acyltransferase 1 OS=Mus musculus GN=Lpcat1
Q3UHD6	Snx27	0.943298452	-0.084213794	0.396278653	0.401999322	Sorting nexin-27 OS=Mus musculus GN=Snx27 PE=1 SV=2
Q60605	Myl6	0.980200751	-0.028850842	0.396279247	0.401998671	Myosin light polypeptide 6 OS=Mus musculus GN=Myl6 PE=1 SV=3
Q148V7	Kiaa1468	1.037720464	0.05341787	0.39639329	0.401873705	LisH domain and HEAT repeat-containing protein KIAA1468 OS=Mus musculus GN=Kiaa1468 PE=1 SV=1
P11798	Camk2a	1.090273306	0.124689831	0.396685682	0.401553475	Calcium/calmodulin-dependent protein kinase type II subunit alpha OS=Mus musculus GN=Camk2a PE=1 SV=2
P62259	Ywhae	0.946258004	-0.079694496	0.396747617	0.401485673	14-3-3 protein epsilon OS=Mus musculus GN=Ywhae PE=1 SV=1
Q61545	Ewsr1	0.984201919	-0.022973766	0.397662013	0.400485894	RNA-binding protein EWS OS=Mus musculus GN=Ewsr1 PE=1 SV=2
Q8BGB7	Enoph1	1.053693308	0.075455012	0.397786059	0.400350442	Enolase-phosphatase E1 OS=Mus musculus GN=Enoph1 PE=2 SV=1
Q9D6P8	Calml3	1.10385575	0.142551656	0.397883599	0.400243963	Calmodulin-like protein 3 OS=Mus musculus GN=Calml3 PE=2 SV=1
Q5SRX1-5	Tom1l2	1.082905381	0.114907193	0.398475252	0.399598647	Isoform 5 of TOM1-like protein 2 OS=Mus musculus GN=Tom1l2
Q9QZX7-3	Srr	0.934054431	-0.09842147	0.399138746	0.398876112	Isoform 3 of Serine racemase OS=Mus musculus GN=Srr
Q8BZM1	Glmn	0.883408262	-0.17884777	0.399401413	0.398590403	Glomulin OS=Mus musculus GN=Glmn PE=2 SV=1
Q9QUM9	Psma6	0.963736278	-0.053289682	0.399522155	0.398459132	Proteasome subunit alpha type-6 OS=Mus musculus GN=Psma6 PE=1 SV=1
P62748	Hpcal1	1.038014411	0.053826473	0.39958194	0.398394149	Hippocalcin-like protein 1 OS=Mus musculus GN=Hpcal1 PE=2 SV=2
Q99M51	Nck1	0.879861777	-0.184651196	0.400123027	0.397806454	Cytoplasmic protein NCK1 OS=Mus musculus GN=Nck1 PE=1 SV=1
Q9CU62	Smc1a	1.151364417	0.203344531	0.400221231	0.397699876	Structural maintenance of chromosomes protein 1A OS=Mus musculus GN=Smc1a PE=1 SV=4
O35136	Ncam2	1.031898043	0.045300432	0.400465137	0.397435286	Neural cell adhesion molecule 2 OS=Mus musculus GN=Ncam2 PE=2 SV=1
Q8JZW4	Cpne5	1.050775022	0.071453811	0.400504354	0.397392759	Copine-5 OS=Mus musculus GN=Cpne5 PE=2 SV=1
Q9CQ56	Use1	1.049861725	0.070199326	0.400882535	0.396982864	Vesicle transport protein USE1 OS=Mus musculus GN=Use1 PE=2 SV=1
Q6PGB6-3	Naa50	1.517901751	0.602078413	0.401542719	0.396268245	Isoform 3 of N-alpha-acetyltransferase 50 OS=Mus musculus GN=Naa50
Q8C863	Itch	1.118452735	0.161504291	0.401567713	0.396241213	E3 ubiquitin-protein ligase Itchy OS=Mus musculus GN=Itch PE=1 SV=2
P62322	Lsm5	0.860307435	-0.217075789	0.401615632	0.396189392	U6 snRNA-associated Sm-like protein LSm5 OS=Mus musculus GN=Lsm5 PE=3 SV=2
O35207	Cdk2ap1	1.093502335	0.128956301	0.401763981	0.396029002	Cyclin-dependent kinase 2-associated protein 1 OS=Mus musculus GN=Cdk2ap1 PE=1 SV=2
P97797	Sirpa	1.134150532	0.181612136	0.402681371	0.395038461	Tyrosine-protein phosphatase non-receptor type substrate 1 OS=Mus musculus GN=Sirpa PE=1 SV=1
Q8BP92	Rcn2	0.933862525	-0.09871791	0.402751901	0.394962401	Reticulocalbin-2 OS=Mus musculus GN=Rcn2 PE=2 SV=1
Q91WQ3	Yars	0.976675577	-0.034048673	0.403052946	0.3946379	Tyrosine--tRNA ligase, cytoplasmic OS=Mus musculus GN=Yars PE=2 SV=3
Q8K1X1	Wdr11	0.91668297	-0.125505223	0.403364588	0.394302231	WD repeat-containing protein 11 OS=Mus musculus GN=Wdr11 PE=2 SV=1
P26369	U2af2	0.984521665	-0.022505141	0.403397816	0.394266458	Splicing factor U2AF 65 kDa subunit OS=Mus musculus GN=U2af2 PE=1 SV=3
Q8BG05	Hnrnpa3	1.058497801	0.082018272	0.4034782	0.394179925	Heterogeneous nuclear ribonucleoprotein A3 OS=Mus musculus GN=Hnrnpa3 PE=1 SV=1
Q570Y9-3	Deptor	0.942850944	-0.084898383	0.40363085	0.394015648	Isoform 3 of DEP domain-containing mTOR-interacting protein OS=Mus musculus GN=Deptor
P46638	Rab11b	0.968414765	-0.046303019	0.40377533	0.393860219	Ras-related protein Rab-11B OS=Mus musculus GN=Rab11b PE=1 SV=3
O35593	Psmd14	0.973200346	-0.039191262	0.404042604	0.393572839	26S proteasome non-ATPase regulatory subunit 14 OS=Mus musculus GN=Psmd14 PE=1 SV=2
P97300-4	Nptn	1.129619758	0.175837228	0.404687583	0.392880121	Isoform 4 of Neuroplastin OS=Mus musculus GN=Nptn
P84228	Hist1h3b	1.079982318	0.111007693	0.405052251	0.39248895	Histone H3.2 OS=Mus musculus GN=Hist1h3b PE=1 SV=2
Q9CQV8	Ywhab	0.932280495	-0.101164011	0.406263846	0.391191824	14-3-3 protein beta/alpha OS=Mus musculus GN=Ywhab PE=1 SV=3
Q11011	Npepps	1.016212793	0.023202531	0.40685326	0.390562199	Puromycin-sensitive aminopeptidase OS=Mus musculus GN=Npepps PE=1 SV=2
P10637-5	Mapt	0.945447815	-0.080930265	0.407603185	0.389762431	Isoform Tau-D of Microtubule-associated protein tau OS=Mus musculus GN=Mapt
Q9D7G0	Prps1	1.030775212	0.043729749	0.408385801	0.388929366	Ribose-phosphate pyrophosphokinase 1 OS=Mus musculus GN=Prps1 PE=1 SV=4
Q9CPQ1	Cox6c	1.058288979	0.081733627	0.408496809	0.388811332	Cytochrome c oxidase subunit 6C OS=Mus musculus GN=Cox6c PE=1 SV=3
Q80TV8	Clasp1	0.972965552	-0.039539368	0.409294149	0.387964464	CLIP-associating protein 1 OS=Mus musculus GN=Clasp1 PE=1 SV=2
Q9DCZ4	Apoo	1.098555601	0.135607891	0.409771415	0.387458341	Apolipoprotein O OS=Mus musculus GN=Apoo PE=2 SV=1
Q91XV3	Basp1	1.028884881	0.041081573	0.410761823	0.386409927	Brain acid soluble protein 1 OS=Mus musculus GN=Basp1 PE=1 SV=3
P09541	Myl4	1.143211586	0.193092443	0.411842486	0.385268853	Myosin light chain 4 OS=Mus musculus GN=Myl4 PE=2 SV=3
Q9CZD3	Gars	0.96834056	-0.04641357	0.411974172	0.38513001	Glycine--tRNA ligase OS=Mus musculus GN=Gars PE=1 SV=1
Q8R4E6	Purg	1.035446063	0.050252405	0.41215428	0.384940186	Purine-rich element-binding protein gamma OS=Mus musculus GN=Purg PE=2 SV=1
Q80TR1	Lphn1	0.954211961	-0.067618325	0.412167633	0.384926116	Latrophilin-1 OS=Mus musculus GN=Lphn1 PE=1 SV=2
P68372	Tubb4b	0.959553213	-0.05956528	0.412308492	0.384777721	Tubulin beta-4B chain OS=Mus musculus GN=Tubb4b PE=1 SV=1
Q9CQF3	Nudt21	1.035733336	0.050652609	0.41248063	0.384596441	Cleavage and polyadenylation specificity factor subunit 5 OS=Mus musculus GN=Nudt21 PE=1 SV=1
Q9CR61	Ndufb7	1.070329846	0.098055464	0.412928011	0.384125655	NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 7 OS=Mus musculus GN=Ndufb7 PE=1 SV=3

Accession	Gene	Fold Change (KO vs. WT)	Log2 Fold Change	Students T Test	-Log10 T Test	Description
Q9ER41	Tor1b	2.857512953	1.514760038	0.412980694	0.384070251	Torsin-1B OS=Mus musculus GN=Tor1b PE=2 SV=2
A2ACP1	Ttc39a	1.228292857	0.296654578	0.413237782	0.383799978	Tetratricopeptide repeat protein 39A OS=Mus musculus GN=Ttc39a PE=2 SV=1
Q3THK7	Gmps	1.082774958	0.114733426	0.413320314	0.383713249	GMP synthase [glutamine-hydrolyzing] OS=Mus musculus GN=Gmps PE=1 SV=2
Q3UYH7	Adrbk2	1.075387055	0.10485601	0.413334361	0.383698489	Beta-adrenergic receptor kinase 2 OS=Mus musculus GN=Adrbk2 PE=2 SV=2
Q91XD7	Creld1	1.035689278	0.050591238	0.413381791	0.383648657	Cysteine-rich with EGF-like domain protein 1 OS=Mus musculus GN=Creld1 PE=2 SV=1
Q9CPW4	Arpc5	0.975190091	-0.036244628	0.413801208	0.383208246	Actin-related protein 2/3 complex subunit 5 OS=Mus musculus GN=Arpc5 PE=2 SV=3
Q9QXA5	Lsm4	0.906978478	-0.140859778	0.415282363	0.381656513	U6 snRNA-associated Sm-like protein LSm4 OS=Mus musculus GN=Lsm4 PE=2 SV=1
Q922F4	Tubb6	0.957409251	-0.062792348	0.41545956	0.381471243	Tubulin beta-6 chain OS=Mus musculus GN=Tubb6 PE=1 SV=1
Q9JHS3	Lamtor2	1.056820049	0.079729741	0.415752404	0.381165231	Ragulator complex protein LAMTOR2 OS=Mus musculus GN=Lamtor2 PE=1 SV=1
Q9D173	Tomm7	0.896890402	-0.156996394	0.416047096	0.380857505	Mitochondrial import receptor subunit TOM7 homolog OS=Mus musculus GN=Tomm7 PE=3 SV=1
P37040	Por	1.030642517	0.043544014	0.416306812	0.380586483	NADPH--cytochrome P450 reductase OS=Mus musculus GN=Por PE=1 SV=2
Q5RJI5-3	Brsk1	0.929240868	-0.105875489	0.417059248	0.379802244	Isoform 3 of Serine/threonine-protein kinase BRSK1 OS=Mus musculus GN=Brsk1
P97300-3	Nptn	1.120399595	0.164013366	0.418211774	0.378603745	Isoform 3 of Neuroplastin OS=Mus musculus GN=Nptn
Q6P8J7	Ckmt2	1.087518526	0.121039977	0.418699955	0.378097086	Creatine kinase S-type, mitochondrial OS=Mus musculus GN=Ckmt2 PE=1 SV=1
P54797	Tango2	1.103430746	0.141996085	0.419095174	0.37768734	Transport and Golgi organization 2 homolog OS=Mus musculus GN=Tango2 PE=2 SV=1
Q3UE37	Ube2z	1.043688554	0.061691263	0.41916013	0.377620034	Ubiquitin-conjugating enzyme E2 Z OS=Mus musculus GN=Ube2z PE=2 SV=2
Q9D1Q6	Erp44	0.965580077	-0.050532187	0.419515943	0.37725153	Endoplasmic reticulum resident protein 44 OS=Mus musculus GN=Erp44 PE=1 SV=1
Q9CQ19	Myl9	0.922280273	-0.116722855	0.419894724	0.376859583	Myosin regulatory light polypeptide 9 OS=Mus musculus GN=Myl9 PE=1 SV=3
Q80VL1	Tdrkh	0.903598385	-0.146246402	0.420461015	0.376274266	Tudor and KH domain-containing protein OS=Mus musculus GN=Tdrkh PE=1 SV=1
Q9Z2U0	Psma7	0.98493597	-0.021898156	0.420726953	0.375999665	Proteasome subunit alpha type-7 OS=Mus musculus GN=Psma7 PE=1 SV=1
P53994	Rab2a	1.03521426	0.049929396	0.421640444	0.375057738	Ras-related protein Rab-2A OS=Mus musculus GN=Rab2a PE=1 SV=1
Q9JHQ5	Lztfl1	0.837972392	-0.255025382	0.421686276	0.375010533	Leucine zipper transcription factor-like protein 1 OS=Mus musculus GN=Lztfl1 PE=1 SV=1
P51163	Uros	1.057970362	0.081299213	0.422331647	0.374346374	Uroporphyrinogen-III synthase OS=Mus musculus GN=Uros PE=2 SV=1
O55137	Acot1	1.056861674	0.079786564	0.422629899	0.374039782	Acyl-coenzyme A thioesterase 1 OS=Mus musculus GN=Acot1 PE=1 SV=1
Q9CQW1	Ykt6	0.941485027	-0.086989944	0.423332621	0.373318265	Synaptobrevin homolog YKT6 OS=Mus musculus GN=Ykt6 PE=2 SV=1
P26638	Sars	1.040815789	0.057714753	0.423974422	0.372660343	Serine--tRNA ligase, cytoplasmic OS=Mus musculus GN=Sars PE=2 SV=3
Q80TM9-3	Nisch	1.066457876	0.092826982	0.424708074	0.371909482	Isoform 3 of Nischarin OS=Mus musculus GN=Nisch
Q8BWM0	Ptges2	0.960356368	-0.058358235	0.425391429	0.371211265	Prostaglandin E synthase 2 OS=Mus musculus GN=Ptges2 PE=1 SV=3
Q9D8W7	Ociad2	1.120716884	0.164421869	0.425431876	0.371169974	OCIA domain-containing protein 2 OS=Mus musculus GN=Ociad2 PE=1 SV=1
Q920Q6-3	Msi2	1.059739402	0.083709539	0.425827797	0.370765992	Isoform 3 of RNA-binding protein Musashi homolog 2 OS=Mus musculus GN=Msi2
Q60737	Csnk2a1	1.026465048	0.037684503	0.426877889	0.36969634	Casein kinase II subunit alpha OS=Mus musculus GN=Csnk2a1 PE=1 SV=2
Q8VCD6	Reep2	1.040920098	0.05785933	0.427674234	0.368886914	Receptor expression-enhancing protein 2 OS=Mus musculus GN=Reep2 PE=2 SV=2
Q9Z2W9	Gria3	1.056778455	0.079672959	0.428685725	0.367860978	Glutamate receptor 3 OS=Mus musculus GN=Gria3 PE=1 SV=2
P24288	Bcat1	1.089567914	0.123756124	0.428690958	0.367855677	Branched-chain-amino-acid aminotransferase, cytosolic OS=Mus musculus GN=Bcat1 PE=2 SV=2
Q8CHT1	Ngef	1.027430164	0.039040335	0.428718849	0.367827422	Ephexin-1 OS=Mus musculus GN=Ngef PE=1 SV=1
Q61151	Ppp2r5e	1.03442852	0.048833957	0.429444961	0.367092489	Serine/threonine-protein phosphatase 2A 56 kDa regulatory subunit epsilon isoform OS=Mus musculus GN=Ppp2r5e PE=2 SV=3
Q80TR1-2	Lphn1	0.953739688	-0.068332542	0.429547847	0.366988454	Isoform 2 of Latrophilin-1 OS=Mus musculus GN=Lphn1
P63094	Gnas	1.037296776	0.052828715	0.429667141	0.366867858	Guanine nucleotide-binding protein G(s) subunit alpha isoforms short OS=Mus musculus GN=Gnas PE=1 SV=1
Q9CQ21	Mcts2	0.969250125	-0.045059079	0.429755871	0.366778181	Malignant T-cell-amplified sequence 2 OS=Mus musculus GN=Mcts2 PE=2 SV=1
P42859	Htt	1.042304665	0.059777039	0.43037306	0.366154922	Huntingtin OS=Mus musculus GN=Htt PE=1 SV=2
O09111	Ndufb11	1.038149233	0.054013845	0.430530003	0.365996578	NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 11, mitochondrial OS=Mus musculus GN=Ndufb11 PE=1 SV=2
Q9QYB1	Clic4	1.037782779	0.053504501	0.431203627	0.365317595	Chloride intracellular channel protein 4 OS=Mus musculus GN=Clic4 PE=1 SV=3
Q9CQM9	Glrx3	0.955600125	-0.065521053	0.4314948	0.365024434	Glutaredoxin-3 OS=Mus musculus GN=Glrx3 PE=1 SV=1
Q8BWS5	Gprin3	0.833062982	-0.263502522	0.431530201	0.364988805	G protein-regulated inducer of neurite outgrowth 3 OS=Mus musculus GN=Gprin3 PE=1 SV=1
Q99L13	Hibadh	1.03055077	0.04341558	0.431682116	0.364835943	3-hydroxyisobutyrate dehydrogenase, mitochondrial OS=Mus musculus GN=Hibadh PE=1 SV=1
P68510	Ywhah	0.944203315	-0.082830547	0.432472398	0.364041606	14-3-3 protein eta OS=Mus musculus GN=Ywhah PE=1 SV=2
P41216	Acsl1	0.891216736	-0.16615177	0.432680243	0.363832935	Long-chain-fatty-acid--CoA ligase 1 OS=Mus musculus GN=Acsl1 PE=1 SV=2
Q9R1T2-2	Sae1	0.9809225	-0.027788938	0.433105124	0.363406678	Isoform 2 of SUMO-activating enzyme subunit 1 OS=Mus musculus GN=Sae1
Q80TV8-2	Clasp1	0.977332498	-0.03307863	0.433534613	0.362976223	Isoform 2 of CLIP-associating protein 1 OS=Mus musculus GN=Clasp1
Q80XI3-4	Eif4g3	0.974724534	-0.036933537	0.434769026	0.361741403	Isoform 4 of Eukaryotic translation initiation factor 4 gamma 3 OS=Mus musculus GN=Eif4g3
Q80XI3	Eif4g3	0.974724534	-0.036933537	0.434769026	0.361741403	Eukaryotic translation initiation factor 4 gamma 3 OS=Mus musculus GN=Eif4g3 PE=1 SV=2
Q9QYI5	Dnajb2	0.901181599	-0.150110238	0.435096683	0.361414228	DnaJ homolog subfamily B member 2 OS=Mus musculus GN=Dnajb2 PE=1 SV=2
Q9CR16	Ppid	0.981348068	-0.027163167	0.436332788	0.360182151	Peptidyl-prolyl cis-trans isomerase D OS=Mus musculus GN=Ppid PE=1 SV=3
Q9ES97-5	Rtn3	1.036849943	0.052207117	0.436342049	0.360172933	Isoform 5 of Reticulon-3 OS=Mus musculus GN=Rtn3
Q60668-4	Hnrnpd	1.076788013	0.106734255	0.436356287	0.360158763	Isoform 4 of Heterogeneous nuclear ribonucleoprotein D0 OS=Mus musculus GN=Hnrnpd
Q8BLK3	Lsamp	0.966673556	-0.048899318	0.436526648	0.35998924	Limbic system-associated membrane protein OS=Mus musculus GN=Lsamp PE=1 SV=1
Q60668	Hnrnpd	1.076465316	0.106301837	0.43703839	0.359480413	Heterogeneous nuclear ribonucleoprotein D0 OS=Mus musculus GN=Hnrnpd PE=1 SV=2
Q9WVH6	Angpt4	0.927032662	-0.109307926	0.43728507	0.35923535	Angiopoietin-4 OS=Mus musculus GN=Angpt4 PE=1 SV=1
Q60676	Ppp5c	1.048930963	0.068919727	0.437460687	0.359060969	Serine/threonine-protein phosphatase 5 OS=Mus musculus GN=Ppp5c PE=1 SV=3
Q9Z2W8	Gria4	1.079826748	0.110799859	0.437511423	0.359010603	Glutamate receptor 4 OS=Mus musculus GN=Gria4 PE=1 SV=2
P70429	Evl	1.062419541	0.087353587	0.438969523	0.357565631	Ena/VASP-like protein OS=Mus musculus GN=Evl PE=1 SV=2
A2AHC3	Camsap1	2.567062818	1.3601186	0.439265471	0.357272933	Calmodulin-regulated spectrin-associated protein 1 OS=Mus musculus GN=Camsap1 PE=1 SV=1
Q6R891	Ppp1r9b	0.973539447	-0.038688658	0.439397749	0.357142172	Neurabin-2 OS=Mus musculus GN=Ppp1r9b PE=1 SV=1
O55234	Psmb5	1.036123145	0.05119548	0.44013294	0.356416127	Proteasome subunit beta type-5 OS=Mus musculus GN=Psmb5 PE=1 SV=3
O08585	Clta	1.091872068	0.12680383	0.440894777	0.355665046	Clathrin light chain A OS=Mus musculus GN=Clta PE=1 SV=2
Q61733	Mrps31	1.1285067	0.174414984	0.440943881	0.355616679	28S ribosomal protein S31, mitochondrial OS=Mus musculus GN=Mrps31 PE=2 SV=1
Q9CT10	Ranbp3	1.027024927	0.038471197	0.441038441	0.355523556	Ran-binding protein 3 OS=Mus musculus GN=Ranbp3 PE=1 SV=2
Q3UHC7-3	Dab2ip	0.93506032	-0.09686866	0.441725798	0.354847236	Isoform 3 of Disabled homolog 2-interacting protein OS=Mus musculus GN=Dab2ip
P42227-3	Stat3	1.130162861	0.176530686	0.44254057	0.354046909	Isoform Del-701 of Signal transducer and activator of transcription 3 OS=Mus musculus GN=Stat3
Q5XJY5	Arcn1	1.043431634	0.061336078	0.442682175	0.353907965	Coatomer subunit delta OS=Mus musculus GN=Arcn1 PE=1 SV=2
Q64336	Tbr1	2.688022284	1.426545098	0.442721314	0.353869569	T-box brain protein 1 OS=Mus musculus GN=Tbr1 PE=1 SV=2
P68254	Ywhaq	0.933789164	-0.098831247	0.443037596	0.353559419	14-3-3 protein theta OS=Mus musculus GN=Ywhaq PE=1 SV=1
P68254-2	Ywhaq	0.933718481	-0.098940456	0.443157316	0.353442077	Isoform 2 of 14-3-3 protein theta OS=Mus musculus GN=Ywhaq
Q99K48-2	Nono	1.176458879	0.234450895	0.44398304	0.352633619	Isoform 2 of Non-POU domain-containing octamer-binding protein OS=Mus musculus GN=Nono
Q9QZ88-2	Vps29	1.054883266	0.077083359	0.444192933	0.352428356	Isoform 2 of Vacuolar protein sorting-associated protein 29 OS=Mus musculus GN=Vps29
Q80UM3	Naa15	1.026945639	0.038359815	0.444434281	0.352192449	N-alpha-acetyltransferase 15, NatA auxiliary subunit OS=Mus musculus GN=Naa15 PE=1 SV=1
Q9DCC8	Tomm20	1.060200974	0.084337772	0.445330635	0.351317428	Mitochondrial import receptor subunit TOM20 homolog OS=Mus musculus GN=Tomm20 PE=1 SV=1
Q08093	Cnn2	1.037519176	0.053138002	0.445866163	0.350795485	Calponin-2 OS=Mus musculus GN=Cnn2 PE=1 SV=1
O35136-2	Ncam2	1.022007228	0.031405399	0.446066779	0.350600119	Isoform Short of Neural cell adhesion molecule 2 OS=Mus musculus GN=Ncam2
Q8BPQ7	Sgsm1	1.204484572	0.268415914	0.446357652	0.350317015	Small G protein signaling modulator 1 OS=Mus musculus GN=Sgsm1 PE=2 SV=2
Q9D1G1	Rab1b	1.039439844	0.055806267	0.446479943	0.350198046	Ras-related protein Rab-1B OS=Mus musculus GN=Rab1b PE=1 SV=1
Q9WU28	Pfdn5	1.054307101	0.076295159	0.446679901	0.350003589	Prefoldin subunit 5 OS=Mus musculus GN=Pfdn5 PE=1 SV=1
Q3UQ44	Iqgap2	0.854783082	-0.22636974	0.447458407	0.349247328	Ras GTPase-activating-like protein IQGAP2 OS=Mus musculus GN=Iqgap2 PE=1 SV=2
P69566	Ranbp9	0.908854533	-0.137878693	0.44752716	0.349180603	Ran-binding protein 9 OS=Mus musculus GN=Ranbp9 PE=1 SV=1
P16332	Mut	1.080590651	0.111820106	0.448591871	0.348148601	Methylmalonyl-CoA mutase, mitochondrial OS=Mus musculus GN=Mut PE=1 SV=2
P63101	Ywhaz	0.96049742	-0.058146356	0.449218296	0.347542564	14-3-3 protein zeta/delta OS=Mus musculus GN=Ywhaz PE=1 SV=1
Q9R1R2	Trim3	0.914959578	-0.128220088	0.449377715	0.347388469	Tripartite motif-containing protein 3 OS=Mus musculus GN=Trim3 PE=1 SV=1
Q9CRD2	Emc2	0.963679635	-0.053374477	0.451167821	0.345661884	ER membrane protein complex subunit 2 OS=Mus musculus GN=Emc2 PE=2 SV=1
Q80TK0	Kiaa1107	1.134393116	0.181920682	0.452050476	0.344813069	Uncharacterized protein KIAA1107 OS=Mus musculus GN=Kiaa1107 PE=2 SV=5
P20357	Map2	0.962306684	-0.055431346	0.452074885	0.34478962	Microtubule-associated protein 2 OS=Mus musculus GN=Map2 PE=1 SV=2
Q9JJI8	Rpl38	0.946328504	-0.079587015	0.452092547	0.344772653	60S ribosomal protein L38 OS=Mus musculus GN=Rpl38 PE=2 SV=3
P43275	Hist1h1a	1.047220466	0.066565197	0.452270171	0.344602055	Histone H1.1 OS=Mus musculus GN=Hist1h1a PE=1 SV=2
O70310	Nmt1	0.971515965	-0.041690391	0.45277287	0.344119604	Glycylpeptide N-tetradecanoyltransferase 1 OS=Mus musculus GN=Nmt1 PE=1 SV=1
Q03517	Scg2	0.959532695	-0.059596129	0.453054514	0.343849539	Secretogranin-2 OS=Mus musculus GN=Scg2 PE=1 SV=1
P16546	Sptan1	1.018318632	0.026189051	0.453436031	0.343483973	Spectrin alpha chain, non-erythrocytic 1 OS=Mus musculus GN=Sptan1 PE=1 SV=4
Q924M7	Mpi	1.011398456	0.016351482	0.453550689	0.343374169	Mannose-6-phosphate isomerase OS=Mus musculus GN=Mpi PE=2 SV=1
P50580	Pa2g4	0.97970922	-0.029574478	0.454673288	0.34230056	Proliferation-associated protein 2G4 OS=Mus musculus GN=Pa2g4 PE=1 SV=3
Q91WT9	Cbs	0.94112002	-0.087549374	0.454980977	0.342006761	Cystathionine beta-synthase OS=Mus musculus GN=Cbs PE=2 SV=3
Q7TQI3	Otub1	0.980351903	-0.02862839	0.454997052	0.341991417	Ubiquitin thioesterase OTUB1 OS=Mus musculus GN=Otub1 PE=1 SV=2
O55013	Trappc3	1.055099063	0.07737846	0.455392732	0.341613905	Trafficking protein particle complex subunit 3 OS=Mus musculus GN=Trappc3 PE=1 SV=1
A2AP18-3	Plch2	1.484767025	0.570236575	0.455752714	0.341270737	Isoform 3 of 1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase eta-2 OS=Mus musculus GN=Plch2
O89051	Itm2b	0.91651162	-0.125774923	0.456900349	0.34017851	Integral membrane protein 2B OS=Mus musculus GN=Itm2b PE=2 SV=1
Q6PHS9-3	Cacna2d2	1.040949751	0.057900428	0.457672842	0.339444858	Isoform 3 of Voltage-dependent calcium channel subunit alpha-2/delta-2 OS=Mus musculus GN=Cacna2d2
Q63844	Mapk3	0.964328754	-0.052403029	0.457935447	0.339195738	Mitogen-activated protein kinase 3 OS=Mus musculus GN=Mapk3 PE=1 SV=5
O89112	Lancl1	1.031979118	0.045413778	0.458122689	0.339018199	LanC-like protein 1 OS=Mus musculus GN=Lancl1 PE=1 SV=1
Q9DC50	Crot	0.911994578	-0.132902847	0.458394913	0.338760211	Peroxisomal carnitine O-octanoyltransferase OS=Mus musculus GN=Crot PE=1 SV=1
Q91YJ2	Snx4	0.961096397	-0.057246956	0.459333048	0.337872307	Sorting nexin-4 OS=Mus musculus GN=Snx4 PE=2 SV=1
Q9D1L0	Chchd2	0.825428695	-0.276784501	0.459530258	0.337685887	Coiled-coil-helix-coiled-coil-helix domain-containing protein 2, mitochondrial OS=Mus musculus GN=Chchd2 PE=2 SV=1
Q99K48	Nono	1.126397063	0.171715477	0.459816593	0.337415361	Non-POU domain-containing octamer-binding protein OS=Mus musculus GN=Nono PE=1 SV=3
Q80WC7	Agfg2	1.14792501	0.199028398	0.460741776	0.336542408	Arf-GAP domain and FG repeat-containing protein 2 OS=Mus musculus GN=Agfg2 PE=1 SV=1
P26645	Marcks	0.960798857	-0.05769366	0.461073625	0.336229721	Myristoylated alanine-rich C-kinase substrate OS=Mus musculus GN=Marcks PE=1 SV=2
Q0VBF8		0.423825888	-1.238456383	0.461430875	0.335893349	Uncharacterized membrane protein C1orf95 homolog OS=Mus musculus PE=2 SV=1
Q9JHG6-3	Rcan1	1.095117541	0.131085725	0.461828112	0.335519634	Isoform C of Calcipressin-1 OS=Mus musculus GN=Rcan1
O88685	Psmc3	0.96676742	-0.04875924	0.461999211	0.335358766	26S protease regulatory subunit 6A OS=Mus musculus GN=Psmc3 PE=1 SV=2
Q9R1T2	Sae1	0.985946645	-0.020418519	0.462206332	0.335164109	SUMO-activating enzyme subunit 1 OS=Mus musculus GN=Sae1 PE=1 SV=1
Q8BHC1	Rab39b	1.095751155	0.1319202	0.46259209	0.334801797	Ras-related protein Rab-39B OS=Mus musculus GN=Rab39b PE=2 SV=1
Q60648	Gm2a	0.900292669	-0.151534024	0.462878664	0.334532837	Ganglioside GM2 activator OS=Mus musculus GN=Gm2a PE=1 SV=2

Accession	Gene	Fold Change (KO vs. WT)	Log2 Fold Change	Students T Test	-Log10 T Test	Description
P61022	Chp1	0.913468343	-0.130573362	0.463523395	0.333928341	Calcineurin B homologous protein 1 OS=Mus musculus GN=Chp1 PE=1 SV=2
Q9CXU9	Eif1b	1.043893338	0.061974309	0.463998734	0.333483205	Eukaryotic translation initiation factor 1b OS=Mus musculus GN=Eif1b PE=2 SV=2
Q8BU30	Iars	0.979786375	-0.029460865	0.464193805	0.33330066	Isoleucine--tRNA ligase, cytoplasmic OS=Mus musculus GN=Iars PE=2 SV=2
A6H630		1.102521008	0.140806146	0.46467989	0.332846122	UPF0364 protein C6orf211 homolog OS=Mus musculus PE=2 SV=1
Q99JF8-2	Psip1	1.029256357	0.04160236	0.464734322	0.332795253	Isoform 2 of PC4 and SFRS1-interacting protein OS=Mus musculus GN=Psip1
Q922R1		0.897780072	-0.155566021	0.465219401	0.332342183	UPF0183 protein C16orf70 homolog OS=Mus musculus PE=2 SV=2
P18052	Ptpra	1.040680032	0.057526565	0.466178265	0.331447979	Receptor-type tyrosine-protein phosphatase alpha OS=Mus musculus GN=Ptpra PE=1 SV=3
P39447	Tjp1	0.90494373	-0.144100008	0.46643064	0.331212929	Tight junction protein ZO-1 OS=Mus musculus GN=Tjp1 PE=1 SV=2
P61211	Arl1	1.100059212	0.137581181	0.466448064	0.331196705	ADP-ribosylation factor-like protein 1 OS=Mus musculus GN=Arl1 PE=2 SV=1
Q8R3Z5-4	Cacnb1	1.036946646	0.052341665	0.46649722	0.33115094	Isoform 4 of Voltage-dependent L-type calcium channel subunit beta-1 OS=Mus musculus GN=Cacnb1
Q60739	Bag1	1.617021277	0.693338662	0.466582252	0.331071785	BAG family molecular chaperone regulator 1 OS=Mus musculus GN=Bag1 PE=1 SV=3
O09061	Psmb1	1.035134255	0.049817895	0.466745733	0.330919643	Proteasome subunit beta type-1 OS=Mus musculus GN=Psmb1 PE=1 SV=1
Q9CRB2	Nhp2	1.385659214	0.470572487	0.46695887	0.330721371	H/ACA ribonucleoprotein complex subunit 2 OS=Mus musculus GN=Nhp2 PE=2 SV=1
Q9D1B9	Mrpl28	1.054378384	0.076392699	0.466975131	0.330706247	39S ribosomal protein L28, mitochondrial OS=Mus musculus GN=Mrpl28 PE=2 SV=3
Q6NS52	Dgkb	0.93717216	-0.093613997	0.467631766	0.330095995	Diacylglycerol kinase beta OS=Mus musculus GN=Dgkb PE=2 SV=2
P27773	Pdia3	0.982241409	-0.02585045	0.469195961	0.328645735	Protein disulfide-isomerase A3 OS=Mus musculus GN=Pdia3 PE=1 SV=2
Q9Z1Q9	Vars	1.03414661	0.04844073	0.469708083	0.328171966	Valine--tRNA ligase OS=Mus musculus GN=Vars PE=2 SV=1
Q02357-3	Ank1	0.927711259	-0.108252244	0.469754019	0.328129496	Isoform Er3 of Ankyrin-1 OS=Mus musculus GN=Ank1
P53996-3	Cnbp	0.834968924	-0.260205591	0.47049104	0.327448643	Isoform 3 of Cellular nucleic acid-binding protein OS=Mus musculus GN=Cnbp
Q6PGF7	Exoc8	1.13220291	0.179132536	0.470585513	0.327361447	Exocyst complex component 8 OS=Mus musculus GN=Exoc8 PE=1 SV=1
Q6PH08-2	Erc2	1.02258293	0.032217849	0.47084112	0.327125616	Isoform 2 of ERC protein 2 OS=Mus musculus GN=Erc2
Q9QXJ1	Apbb1	1.038186351	0.054065425	0.471512675	0.326506629	Amyloid beta A4 precursor protein-binding family B member 1 OS=Mus musculus GN=Apbb1 PE=1 SV=3
P30681	Hmgb2	0.914544324	-0.128875002	0.471907144	0.326143448	High mobility group protein B2 OS=Mus musculus GN=Hmgb2 PE=1 SV=3
Q8BNU0-2	Armc6	0.839282732	-0.252771196	0.47213738	0.325931615	Isoform 2 of Armadillo repeat-containing protein 6 OS=Mus musculus GN=Armc6
P61963	Dcaf7	0.939356096	-0.090255928	0.4724329	0.325659866	DDB1- and CUL4-associated factor 7 OS=Mus musculus GN=Dcaf7 PE=2 SV=1
Q9JKF6	Pvrl1	1.038843159	0.054977858	0.472706179	0.32540872	Poliovirus receptor-related protein 1 OS=Mus musculus GN=Pvrl1 PE=1 SV=3
Q9DAW9	Cnn3	0.974478395	-0.037297895	0.472803806	0.325319036	Calponin-3 OS=Mus musculus GN=Cnn3 PE=1 SV=1
Q3U186	Rars2	1.142674567	0.192414584	0.473070918	0.325073749	Probable arginine--tRNA ligase, mitochondrial OS=Mus musculus GN=Rars2 PE=1 SV=1
Q8R5H6	Wasf1	1.020234558	0.028900874	0.473317405	0.324847526	Wiskott-Aldrich syndrome protein family member 1 OS=Mus musculus GN=Wasf1 PE=1 SV=2
Q8R1G2	Cmbl	1.235175655	0.304716222	0.473851991	0.32435729	Carboxymethylenebutenolidase homolog OS=Mus musculus GN=Cmbl PE=2 SV=1
Q8QZT2	Ccsap	0.934823451	-0.097234169	0.475080546	0.323232753	Centriole, cilia and spindle-associated protein OS=Mus musculus GN=Ccsap PE=2 SV=1
P38060	Hmgcl	1.020084934	0.028689279	0.475805774	0.322570292	Hydroxymethylglutaryl-CoA lyase, mitochondrial OS=Mus musculus GN=Hmgcl PE=1 SV=2
P47915	Rpl29	0.954116855	-0.067762125	0.475893331	0.322490382	60S ribosomal protein L29 OS=Mus musculus GN=Rpl29 PE=2 SV=2
O35459	Ech1	1.061650513	0.08630892	0.47649228	0.321944131	Delta(3,5)-Delta(2,4)-dienoyl-CoA isomerase, mitochondrial OS=Mus musculus GN=Ech1 PE=1 SV=1
Q5M8N4	Sdr39u1	0.604553903	-0.726057116	0.476824964	0.321641015	Epimerase family protein SDR39U1 OS=Mus musculus GN=Sdr39u1 PE=2 SV=1
Q6PE01	Snrnp40	0.931118967	-0.102962586	0.477291566	0.32121624	U5 small nuclear ribonucleoprotein 40 kDa protein OS=Mus musculus GN=Snrnp40 PE=2 SV=1
A2BH40	Arid1a	0.923028806	-0.115552423	0.477952229	0.320615509	AT-rich interactive domain-containing protein 1A OS=Mus musculus GN=Arid1a PE=1 SV=1
Q62523	Zyx	1.087692367	0.121270576	0.478480736	0.320135543	Zyxin OS=Mus musculus GN=Zyx PE=1 SV=2
P28741	Kif3a	1.027282027	0.038832309	0.478880071	0.319773236	Kinesin-like protein KIF3A OS=Mus musculus GN=Kif3a PE=1 SV=2
Q8BYZ1	Abi3	0.440329218	-1.183345517	0.479766495	0.318970085	ABI gene family member 3 OS=Mus musculus GN=Abi3 PE=2 SV=3
P33175	Kif5a	0.969061122	-0.04534043	0.480007351	0.318752111	Kinesin heavy chain isoform 5A OS=Mus musculus GN=Kif5a PE=1 SV=3
Q9Z1W9	Stk39	1.041034957	0.058018514	0.480694603	0.318130754	STE20/SPS1-related proline-alanine-rich protein kinase OS=Mus musculus GN=Stk39 PE=1 SV=1
A3KGF7-3	Plcb2	0.968742045	-0.045815537	0.48123021	0.317647117	Isoform 3 of 1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase beta-2 OS=Mus musculus GN=Plcb2
P84084	Arf5	1.039855488	0.056383046	0.481669054	0.317251255	ADP-ribosylation factor 5 OS=Mus musculus GN=Arf5 PE=1 SV=2
P63005	Pafah1b1	0.987134683	-0.018681158	0.481760974	0.317168383	Platelet-activating factor acetylhydrolase IB subunit alpha OS=Mus musculus GN=Pafah1b1 PE=1 SV=2
Q9WTR5	Cdh13	0.942638119	-0.085224072	0.481897435	0.317045386	Cadherin-13 OS=Mus musculus GN=Cdh13 PE=1 SV=2
Q64475	Hist1h2bb	0.980500009	-0.028410451	0.481967519	0.316982229	Histone H2B type 1-B OS=Mus musculus GN=Hist1h2bb PE=1 SV=3
Q9JK48	Sh3glb1	0.967151687	-0.048185917	0.482145389	0.316821982	Endophilin-B1 OS=Mus musculus GN=Sh3glb1 PE=1 SV=1
P54071	Idh2	1.025643829	0.03652982	0.482231672	0.316744269	Isocitrate dehydrogenase [NADP], mitochondrial OS=Mus musculus GN=Idh2 PE=1 SV=3
P63216	Gng3	1.075320567	0.10476681	0.482449696	0.316547963	Guanine nucleotide-binding protein G(I)/G(S)/G(O) subunit gamma-3 OS=Mus musculus GN=Gng3 PE=1 SV=1
Q9JK48-2	Sh3glb1	0.96796449	-0.046973972	0.483424176	0.315671635	Isoform 2 of Endophilin-B1 OS=Mus musculus GN=Sh3glb1
O35382	Exoc4	1.071514337	0.099651154	0.483522916	0.315582938	Exocyst complex component 4 OS=Mus musculus GN=Exoc4 PE=1 SV=2
P23818	Gria1	0.939850472	-0.089496849	0.48403069	0.315127101	Glutamate receptor 1 OS=Mus musculus GN=Gria1 PE=1 SV=1
P70207	Plxna2	0.945580503	-0.080727807	0.484455511	0.314746099	Plexin-A2 OS=Mus musculus GN=Plxna2 PE=1 SV=2
Q3TEA8-3	Hp1bp3	1.028959742	0.041186538	0.485158554	0.314116307	Isoform 3 of Heterochromatin protein 1-binding protein 3 OS=Mus musculus GN=Hp1bp3
Q6R0H7-4	Gnas	1.033297697	0.04725596	0.485175042	0.314101548	Isoform XLas-4 of Guanine nucleotide-binding protein G(s) subunit alpha isoforms XLas OS=Mus musculus GN=Gnas
Q9JK81	Myg1	1.051568001	0.072542147	0.485201981	0.314077434	UPF0160 protein MYG1, mitochondrial OS=Mus musculus GN=Myg1 PE=1 SV=1
Q61011	Gnb3	0.96221591	-0.055567441	0.485449889	0.313855594	Guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta-3 OS=Mus musculus GN=Gnb3 PE=1 SV=2
Q63829	Commd3	1.024292269	0.034627429	0.485760029	0.313578224	COMM domain-containing protein 3 OS=Mus musculus GN=Commd3 PE=2 SV=1
P35585	Ap1m1	1.032507833	0.046152727	0.485794376	0.313547517	AP-1 complex subunit mu-1 OS=Mus musculus GN=Ap1m1 PE=1 SV=3
P16546-2	Sptan1	1.017218845	0.024630094	0.486656085	0.312777842	Isoform 2 of Spectrin alpha chain, non-erythrocytic 1 OS=Mus musculus GN=Sptan1
Q8BJW6	Eif2a	0.95850556	-0.061141294	0.487068958	0.312409548	Eukaryotic translation initiation factor 2A OS=Mus musculus GN=Eif2a PE=2 SV=2
Q99NI3	Gtf2ird2	0.947237014	-0.078202638	0.487391333	0.312122198	General transcription factor II-I repeat domain-containing protein 2 OS=Mus musculus GN=Gtf2ird2 PE=2 SV=1
Q9QZ88	Vps29	1.049597205	0.069835783	0.488140506	0.311455153	Vacuolar protein sorting-associated protein 29 OS=Mus musculus GN=Vps29 PE=1 SV=1
Q6P542	Abcf1	1.046096982	0.065016608	0.488186651	0.3114141	ATP-binding cassette sub-family F member 1 OS=Mus musculus GN=Abcf1 PE=1 SV=1
P59999	Arpc4	0.967218449	-0.048086332	0.488926258	0.310756638	Actin-related protein 2/3 complex subunit 4 OS=Mus musculus GN=Arpc4 PE=1 SV=3
Q9D658	Ptp4a3	2.234273319	1.159805682	0.489087154	0.310613743	Protein tyrosine phosphatase type IVA 3 OS=Mus musculus GN=Ptp4a3 PE=1 SV=1
Q3TZZ7	Esyt2	1.080673787	0.111931096	0.489108429	0.310594853	Extended synaptotagmin-2 OS=Mus musculus GN=Esyt2 PE=1 SV=1
Q80U30-3	Clec16a	0.786710797	-0.346094712	0.489229798	0.310487099	Isoform 3 of Protein CLEC16A OS=Mus musculus GN=Clec16a
P12658	Calb1	1.037754261	0.053464856	0.489354074	0.310376792	Calbindin OS=Mus musculus GN=Calb1 PE=1 SV=2
P46425	Gstp2	1.029884329	0.04248231	0.489414817	0.310322887	Glutathione S-transferase P 2 OS=Mus musculus GN=Gstp2 PE=2 SV=2
O35609	Scamp3	1.084628288	0.117200703	0.489782203	0.309997	Secretory carrier-associated membrane protein 3 OS=Mus musculus GN=Scamp3 PE=1 SV=3
Q9DAS9	Gng12	0.951461204	-0.071783263	0.489870409	0.309918794	Guanine nucleotide-binding protein G(I)/G(S)/G(O) subunit gamma-12 OS=Mus musculus GN=Gng12 PE=1 SV=3
Q05BC3-3	Eml1	0.941417718	-0.08709309	0.489885663	0.309905271	Isoform 3 of Echinoderm microtubule-associated protein-like 1 OS=Mus musculus GN=Eml1
Q920N7	Syt12	0.968366128	-0.046375478	0.490709066	0.309175918	Synaptotagmin-12 OS=Mus musculus GN=Syt12 PE=2 SV=1
Q64674	Srm	1.011100192	0.015925964	0.490756553	0.309133892	Spermidine synthase OS=Mus musculus GN=Srm PE=2 SV=1
P62874	Gnb1	1.021965617	0.03134666	0.491045844	0.30887796	Guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta-1 OS=Mus musculus GN=Gnb1 PE=1 SV=3
A2AI05-3	Ndor1	0.966026194	-0.049865786	0.491839663	0.308176452	Isoform 3 of NADPH-dependent diflavin oxidoreductase 1 OS=Mus musculus GN=Ndor1
P97797-2	Sirpa	1.056997531	0.079972006	0.491952271	0.30807703	Isoform 2 of Tyrosine-protein phosphatase non-receptor type substrate 1 OS=Mus musculus GN=Sirpa
Q9Z1S3	Rasgrp1	0.925578646	-0.111572515	0.492251983	0.307812525	RAS guanyl-releasing protein 1 OS=Mus musculus GN=Rasgrp1 PE=1 SV=1
Q9D7H3	RtcA	1.048202302	0.067917182	0.49296226	0.307186328	RNA 3'-terminal phosphate cyclase OS=Mus musculus GN=RtcA PE=2 SV=2
Q8BMG7	Rab3gap2	1.047781238	0.067337534	0.493341766	0.306852115	Rab3 GTPase-activating protein non-catalytic subunit OS=Mus musculus GN=Rab3gap2 PE=1 SV=2
P58774	Tpm2	1.035311098	0.050064345	0.494226821	0.30607369	Tropomyosin beta chain OS=Mus musculus GN=Tpm2 PE=1 SV=1
Q99JX3	Gorasp2	1.031403212	0.044608444	0.494446713	0.305880506	Golgi reassembly-stacking protein 2 OS=Mus musculus GN=Gorasp2 PE=1 SV=3
Q99JX3-2	Gorasp2	1.035841654	0.05080348	0.495342084	0.305094773	Isoform 2 of Golgi reassembly-stacking protein 2 OS=Mus musculus GN=Gorasp2
P29758	Oat	0.958815985	-0.060674133	0.495934129	0.304576004	Ornithine aminotransferase, mitochondrial OS=Mus musculus GN=Oat PE=1 SV=1
Q920P5-2	Ak5	0.963207039	-0.054082159	0.49593529	0.304574987	Isoform 2 of Adenylate kinase isoenzyme 5 OS=Mus musculus GN=Ak5
Q64253	Ly6e	0.954765285	-0.066781984	0.496213555	0.304331377	Lymphocyte antigen 6E OS=Mus musculus GN=Ly6e PE=2 SV=2
P20065	Tmsb4x	0.907839273	-0.139491194	0.496569536	0.304019927	Thymosin beta-4 OS=Mus musculus GN=Tmsb4x PE=1 SV=1
Q7TSY6-7	Celf4	0.897918287	-0.155343932	0.496581382	0.304009568	Isoform 7 of CUGBP Elav-like family member 4 OS=Mus musculus GN=Celf4
Q00493	Cpe	1.075837274	0.105459879	0.49672892	0.303880555	Carboxypeptidase E OS=Mus musculus GN=Cpe PE=1 SV=2
Q8VE70	Pdcd10	0.969808358	-0.044228408	0.496751338	0.303860955	Programmed cell death protein 10 OS=Mus musculus GN=Pdcd10 PE=1 SV=1
Q8CI94	Pygb	0.985719549	-0.020750856	0.497610427	0.303110528	Glycogen phosphorylase, brain form OS=Mus musculus GN=Pygb PE=1 SV=3
Q9QZB7	Actr10	1.035658985	0.05054904	0.498495112	0.302339096	Actin-related protein 10 OS=Mus musculus GN=Actr10 PE=1 SV=2
Q8BWG8	Arrb1	0.943817995	-0.083419417	0.498543418	0.302297013	Beta-arrestin-1 OS=Mus musculus GN=Arrb1 PE=1 SV=1
Q8K212	Pacs1	1.021471603	0.030649098	0.498667812	0.302188664	Phosphofurin acidic cluster sorting protein 1 OS=Mus musculus GN=Pacs1 PE=2 SV=2
P60521	Gabarapl2	1.057557146	0.080735623	0.499384708	0.301564761	Gamma-aminobutyric acid receptor-associated protein-like 2 OS=Mus musculus GN=Gabarapl2 PE=1 SV=1
Q56A07	Scn2b	1.10441867	0.143287182	0.499494494	0.301469295	Sodium channel subunit beta-2 OS=Mus musculus GN=Scn2b PE=1 SV=1
Q80U58-3	Pum2	0.967788626	-0.047236111	0.499732828	0.30126212	Isoform 3 of Pumilio homolog 2 OS=Mus musculus GN=Pum2
Q8BVI4	Qdpr	0.975840045	-0.035283408	0.499859939	0.301151668	Dihydropteridine reductase OS=Mus musculus GN=Qdpr PE=1 SV=2
A2AN08-5	Ubr4	1.067728293	0.094544568	0.500921645	0.300230202	Isoform 5 of E3 ubiquitin-protein ligase UBR4 OS=Mus musculus GN=Ubr4
Q8BTG7	Ndrg4	1.06015814	0.084279483	0.501503729	0.299725834	Protein NDRG4 OS=Mus musculus GN=Ndrg4 PE=1 SV=1
Q99KK7	Dpp3	1.017951646	0.025669033	0.501691482	0.299563272	Dipeptidyl peptidase 3 OS=Mus musculus GN=Dpp3 PE=2 SV=2
Q5U3K5	Rabl6	1.064985574	0.090833889	0.501755255	0.29950807	Rab-like protein 6 OS=Mus musculus GN=Rabl6 PE=1 SV=2
P70372	Elavl1	0.974133434	-0.037808693	0.502771192	0.298629614	ELAV-like protein 1 OS=Mus musculus GN=Elavl1 PE=1 SV=2
Q8BWY3	Etf1	1.062693673	0.087725792	0.502889217	0.298527676	Eukaryotic peptide chain release factor subunit 1 OS=Mus musculus GN=Etf1 PE=1 SV=4
P22599	Serpina1b	1.043429849	0.06133361	0.503058449	0.298381553	Alpha-1-antitrypsin 1-2 OS=Mus musculus GN=Serpina1b PE=1 SV=2
Q9Z1F9	Uba2	1.085063616	0.117779629	0.503243566	0.298221769	SUMO-activating enzyme subunit 2 OS=Mus musculus GN=Uba2 PE=1 SV=1
Q64478	Hist1h2bh	0.981745046	-0.026579683	0.504927384	0.296771075	Histone H2B type 1-H OS=Mus musculus GN=Hist1h2bh PE=1 SV=3
P32921	Wars	1.024878139	0.035452379	0.504988431	0.296718571	Tryptophan--tRNA ligase, cytoplasmic OS=Mus musculus GN=Wars PE=1 SV=2
Q8VDM4	Psmd2	1.024885614	0.035462901	0.505136908	0.296590899	26S proteasome non-ATPase regulatory subunit 2 OS=Mus musculus GN=Psmd2 PE=1 SV=1
P16627	Hspa1l	1.011704362	0.016787771	0.505620785	0.296175082	Heat shock 70 kDa protein 1-like OS=Mus musculus GN=Hspa1l PE=2 SV=4
Q8R3Z5	Cacnb1	1.033624599	0.04771231	0.506473269	0.295443471	Voltage-dependent L-type calcium channel subunit beta-1 OS=Mus musculus GN=Cacnb1 PE=1 SV=1
Q6PDL0	Dync1li2	0.986594766	-0.019470461	0.506744276	0.295211149	Cytoplasmic dynein 1 light intermediate chain 2 OS=Mus musculus GN=Dync1li2 PE=1 SV=2
Q6ZQJ3	Mlec	1.040059278	0.056665756	0.507508191	0.294556944	Malectin OS=Mus musculus GN=Mlec PE=2 SV=2
Q9JM76	Arpc3	1.025070479	0.035723105	0.507734178	0.294363601	Actin-related protein 2/3 complex subunit 3 OS=Mus musculus GN=Arpc3 PE=1 SV=3
Q9D853	Mettl10	1.137535817	0.185911971	0.508248588	0.293923819	Methyltransferase-like protein 10 OS=Mus musculus GN=Mettl10 PE=2 SV=1

Accession	Gene	Fold Change (KO vs. WT)	Log2 Fold Change	Students T Test	-Log10 T Test	Description
Q91VC9	Ghitm	1.062323907	0.087223716	0.509671234	0.292709877	Growth hormone-inducible transmembrane protein OS=Mus musculus GN=Ghitm PE=2 SV=1
Q9QXY6	Ehd3	0.986152915	-0.020116723	0.510271474	0.29219871	EH domain-containing protein 3 OS=Mus musculus GN=Ehd3 PE=1 SV=2
P32883	Kras	1.046385558	0.065414534	0.510429166	0.292064518	GTPase KRas OS=Mus musculus GN=Kras PE=1 SV=1
O35345	Kpna6	1.114334266	0.156182062	0.510492557	0.292010586	Importin subunit alpha-7 OS=Mus musculus GN=Kpna6 PE=1 SV=2
P24547	Impdh2	1.063582122	0.088931431	0.510828822	0.291724607	Inosine-5'-monophosphate dehydrogenase 2 OS=Mus musculus GN=Impdh2 PE=1 SV=2
P60041	Sst	1.067615916	0.094392718	0.511728218	0.290960634	Somatostatin OS=Mus musculus GN=Sst PE=2 SV=1
Q6ZQK5-2	Acap2	1.071236079	0.099276456	0.512178947	0.290578277	Isoform 2 of Arf-GAP with coiled-coil, ANK repeat and PH domain-containing protein 2 OS=Mus musculus GN=Acap2
Q99M87-3	Dnaja3	1.018864233	0.026961821	0.512263575	0.290506524	Isoform 3 of DnaJ homolog subfamily A member 3, mitochondrial OS=Mus musculus GN=Dnaja3
Q99PV0	Prpf8	0.981911752	-0.026334724	0.512731918	0.290109647	Pre-mRNA-processing-splicing factor 8 OS=Mus musculus GN=Prpf8 PE=1 SV=2
P36916	Gnl1	1.037611914	0.053266951	0.512849581	0.290009995	Guanine nucleotide-binding protein-like 1 OS=Mus musculus GN=Gnl1 PE=2 SV=4
Q9QX98	Ptf1a	1.131625277	0.178396307	0.512908042	0.289960492	Pancreas transcription factor 1 subunit alpha OS=Mus musculus GN=Ptf1a PE=1 SV=1
Q8BMJ3	Eif1ax	1.039095708	0.055328543	0.513111101	0.289788589	Eukaryotic translation initiation factor 1A, X-chromosomal OS=Mus musculus GN=Eif1ax PE=2 SV=3
O88569-3	Hnrnpa2b1	1.021005767	0.029991015	0.51501812	0.288177491	Isoform 3 of Heterogeneous nuclear ribonucleoproteins A2/B1 OS=Mus musculus GN=Hnrnpa2b1
Q9CQJ6	Denr	1.11965136	0.163049572	0.516307465	0.287091596	Density-regulated protein OS=Mus musculus GN=Denr PE=2 SV=1
Q8K1J6	Trnt1	1.034191242	0.048502993	0.516572735	0.28686852	CCA tRNA nucleotidyltransferase 1, mitochondrial OS=Mus musculus GN=Trnt1 PE=1 SV=1
Q00898	Serpina1e	0.937551094	-0.09303078	0.517852869	0.285793613	Alpha-1-antitrypsin 1-5 OS=Mus musculus GN=Serpina1e PE=1 SV=1
Q501J6	Ddx17	0.966541303	-0.049096711	0.517906003	0.285749055	Probable ATP-dependent RNA helicase DDX17 OS=Mus musculus GN=Ddx17 PE=2 SV=1
Q04736	Yes1	1.095902844	0.132119904	0.517986558	0.28568151	Tyrosine-protein kinase Yes OS=Mus musculus GN=Yes1 PE=1 SV=3
Q8VE97	Srsf4	1.042635454	0.060234824	0.518548319	0.28521077	Serine/arginine-rich splicing factor 4 OS=Mus musculus GN=Srsf4 PE=2 SV=1
Q80XA6	Reps2	0.816286961	-0.292851683	0.519324104	0.284561519	RalBP1-associated Eps domain-containing protein 2 OS=Mus musculus GN=Reps2 PE=1 SV=1
Q9QZX7	Srr	1.044341854	0.06259404	0.519464742	0.284443924	Serine racemase OS=Mus musculus GN=Srr PE=1 SV=1
Q61768	Kif5b	0.974163974	-0.037763464	0.519670659	0.284271803	Kinesin-1 heavy chain OS=Mus musculus GN=Kif5b PE=1 SV=3
Q3TJZ6	Fam98a	0.899689749	-0.152500509	0.520280948	0.283762077	Protein FAM98A OS=Mus musculus GN=Fam98a PE=2 SV=1
Q61831	Mapk10	1.04942278	0.069596012	0.520436319	0.283632403	Mitogen-activated protein kinase 10 OS=Mus musculus GN=Mapk10 PE=1 SV=2
Q99PT1	Arhgdia	1.030032016	0.04268918	0.520742722	0.283376791	Rho GDP-dissociation inhibitor 1 OS=Mus musculus GN=Arhgdia PE=1 SV=3
Q9CZ42-2	Carkd	1.028688651	0.040806393	0.520906271	0.283240415	Isoform 2 of ATP-dependent (S)-NAD(P)H-hydrate dehydratase OS=Mus musculus GN=Carkd
P47809	Map2k4	1.023593475	0.033642857	0.522691682	0.281754412	Dual specificity mitogen-activated protein kinase kinase 4 OS=Mus musculus GN=Map2k4 PE=1 SV=2
Q6A065	Cep170	1.063447518	0.088748836	0.523224684	0.281311775	Centrosomal protein of 170 kDa OS=Mus musculus GN=Cep170 PE=1 SV=2
Q9D0L8	Rnmt	1.017738086	0.025366333	0.524197204	0.2805053	mRNA cap guanine-N7 methyltransferase OS=Mus musculus GN=Rnmt PE=1 SV=1
Q32MW3	Acot10	1.026856104	0.038234027	0.52447498	0.280275225	Acyl-coenzyme A thioesterase 10, mitochondrial OS=Mus musculus GN=Acot10 PE=2 SV=1
P35285	Rab22a	0.975972864	-0.03508706	0.524945647	0.279885661	Ras-related protein Rab-22A OS=Mus musculus GN=Rab22a PE=1 SV=2
O35344	Kpna3	1.033116662	0.047003175	0.525741307	0.2792279	Importin subunit alpha-4 OS=Mus musculus GN=Kpna3 PE=1 SV=1
O89053	Coro1a	1.037166697	0.052647787	0.52579906	0.279180195	Coronin-1A OS=Mus musculus GN=Coro1a PE=1 SV=5
Q61249	Igbp1	1.201272514	0.264563469	0.526594094	0.278524016	Immunoglobulin-binding protein 1 OS=Mus musculus GN=Igbp1 PE=1 SV=1
Q9Z2W1	Stk25	1.027194901	0.038709945	0.526898931	0.278272682	Serine/threonine-protein kinase 25 OS=Mus musculus GN=Stk25 PE=1 SV=2
Q62393-3	Tpd52	1.075068238	0.104428235	0.526918866	0.278256251	Isoform 3 of Tumor protein D52 OS=Mus musculus GN=Tpd52
Q8VCH0	Acaa1b	0.978980913	-0.030647362	0.52728713	0.277952829	3-ketoacyl-CoA thiolase B, peroxisomal OS=Mus musculus GN=Acaa1b PE=1 SV=1
Q8R5H1-3	Usp15	0.938503386	-0.091566144	0.527328794	0.277918514	Isoform 3 of Ubiquitin carboxyl-terminal hydrolase 15 OS=Mus musculus GN=Usp15
Q8K215	Lyrm4	0.973587245	-0.038617828	0.528026031	0.277344666	LYR motif-containing protein 4 OS=Mus musculus GN=Lyrm4 PE=1 SV=1
Q99LT0	Dpy30	0.96046297	-0.058198102	0.528357524	0.277072104	Protein dpy-30 homolog OS=Mus musculus GN=Dpy30 PE=1 SV=1
Q60960	Kpna1	1.091274096	0.126013509	0.528921317	0.276608929	Importin subunit alpha-5 OS=Mus musculus GN=Kpna1 PE=1 SV=2
P61982	Ywhag	0.954813202	-0.06670958	0.529788767	0.275897254	14-3-3 protein gamma OS=Mus musculus GN=Ywhag PE=1 SV=2
P84075	Hpca	1.026692845	0.038004636	0.529963706	0.275753871	Neuron-specific calcium-binding protein hippocalcin OS=Mus musculus GN=Hpca PE=1 SV=2
Q8R574	Prpsap2	1.057936961	0.081253664	0.530105953	0.275637319	Phosphoribosyl pyrophosphate synthase-associated protein 2 OS=Mus musculus GN=Prpsap2 PE=1 SV=1
Q5F2E7	Nufip2	1.152236914	0.204437383	0.530360027	0.275429216	Nuclear fragile X mental retardation-interacting protein 2 OS=Mus musculus GN=Nufip2 PE=1 SV=1
P04370-4	Mbp	1.189617345	0.250497588	0.531359995	0.274611146	Isoform 4 of Myelin basic protein OS=Mus musculus GN=Mbp
Q9Z1Z0-2	Uso1	0.965075112	-0.051286863	0.532370179	0.27378628	Isoform 2 of General vesicular transport factor p115 OS=Mus musculus GN=Uso1
Q810B6	Ankfy1	1.081049161	0.112432131	0.532703374	0.273514553	Ankyrin repeat and FYVE domain-containing protein 1 OS=Mus musculus GN=Ankfy1 PE=2 SV=2
P56380	Nudt2	0.974317138	-0.037536652	0.533296765	0.273031051	Bis(5'-nucleosyl)-tetraphosphatase [asymmetrical] OS=Mus musculus GN=Nudt2 PE=1 SV=3
P52800	Efnb2	1.058613489	0.082175942	0.533453428	0.27290349	Ephrin-B2 OS=Mus musculus GN=Efnb2 PE=1 SV=1
P13020	Gsn	1.105659381	0.144907005	0.533727755	0.272680213	Gelsolin OS=Mus musculus GN=Gsn PE=1 SV=3
P32883-2	Kras	1.041468643	0.058619403	0.535069423	0.271589866	Isoform 2B of GTPase KRas OS=Mus musculus GN=Kras
Q80WJ7	Mtdh	1.037223773	0.052727178	0.53509652	0.271567874	Protein LYRIC OS=Mus musculus GN=Mtdh PE=1 SV=1
Q3TDK6	Rogdi	1.032907041	0.046710422	0.536305664	0.270587617	Protein rogdi homolog OS=Mus musculus GN=Rogdi PE=2 SV=2
Q9WUB4	Dctn6	1.02863689	0.040733799	0.536319884	0.270576101	Dynactin subunit 6 OS=Mus musculus GN=Dctn6 PE=1 SV=1
P11352	Gpx1	1.070706234	0.098562707	0.53645121	0.270469771	Glutathione peroxidase 1 OS=Mus musculus GN=Gpx1 PE=1 SV=2
Q6PAK3	Prmt8	1.028491706	0.04053016	0.536610732	0.270340646	Protein arginine N-methyltransferase 8 OS=Mus musculus GN=Prmt8 PE=2 SV=2
Q9ERK4	Cse1l	1.034869678	0.049449099	0.537065492	0.269972751	Exportin-2 OS=Mus musculus GN=Cse1l PE=2 SV=1
Q7TQH0	Atxn2l	0.950336264	-0.073490012	0.537071764	0.269967679	Ataxin-2-like protein OS=Mus musculus GN=Atxn2l PE=1 SV=1
Q5M8N0	Cnrip1	1.018495809	0.026440044	0.538582144	0.268748049	CB1 cannabinoid receptor-interacting protein 1 OS=Mus musculus GN=Cnrip1 PE=1 SV=1
Q9JKC8	Ap3m1	1.021701661	0.030973987	0.538746761	0.268615328	AP-3 complex subunit mu-1 OS=Mus musculus GN=Ap3m1 PE=1 SV=1
P21107	Tpm3	1.029990017	0.042630354	0.538748182	0.268614182	Tropomyosin alpha-3 chain OS=Mus musculus GN=Tpm3 PE=1 SV=3
Q9R020	Zranb2	1.017210758	0.024618626	0.539099495	0.268331075	Zinc finger Ran-binding domain-containing protein 2 OS=Mus musculus GN=Zranb2 PE=1 SV=2
Q80XN0	Bdh1	1.024417194	0.034803373	0.539504373	0.268005031	D-beta-hydroxybutyrate dehydrogenase, mitochondrial OS=Mus musculus GN=Bdh1 PE=1 SV=2
P08003	Pdia4	1.024348091	0.034706051	0.540201042	0.267444583	Protein disulfide-isomerase A4 OS=Mus musculus GN=Pdia4 PE=1 SV=3
Q9D8B3	Chmp4b	1.021770731	0.031071515	0.54093059	0.266858458	Charged multivesicular body protein 4b OS=Mus musculus GN=Chmp4b PE=1 SV=2
Q9D338	Mrpl19	0.95908203	-0.060273881	0.542184023	0.265853284	39S ribosomal protein L19, mitochondrial OS=Mus musculus GN=Mrpl19 PE=2 SV=1
Q810U4-5	Nrcam	1.034984154	0.049608679	0.542234555	0.265812809	Isoform 5 of Neuronal cell adhesion molecule OS=Mus musculus GN=Nrcam
B1AZP2	Dlgap4	0.970791323	-0.042766881	0.542434468	0.265652722	Disks large-associated protein 4 OS=Mus musculus GN=Dlgap4 PE=1 SV=1
P70208	Plxna3	0.948549382	-0.076205212	0.54268588	0.265451478	Plexin-A3 OS=Mus musculus GN=Plxna3 PE=1 SV=2
Q9CQV6	Map1lc3b	1.047783601	0.067340787	0.543067591	0.265146114	Microtubule-associated proteins 1A/1B light chain 3B OS=Mus musculus GN=Map1lc3b PE=1 SV=3
Q3TDK6-3	Rogdi	1.032909294	0.046713568	0.544572867	0.263944001	Isoform 3 of Protein rogdi homolog OS=Mus musculus GN=Rogdi
P31938	Map2k1	0.995235098	-0.00689073	0.544939266	0.263651897	Dual specificity mitogen-activated protein kinase kinase 1 OS=Mus musculus GN=Map2k1 PE=1 SV=2
O35691	Pnn	0.958567287	-0.061048389	0.545803299	0.262963844	Pinin OS=Mus musculus GN=Pnn PE=1 SV=4
P70168	Kpnb1	1.010705102	0.015362118	0.546799072	0.262172231	Importin subunit beta-1 OS=Mus musculus GN=Kpnb1 PE=1 SV=2
Q64449	Mrc2	0.83358209	-0.262603815	0.547327126	0.261753027	C-type mannose receptor 2 OS=Mus musculus GN=Mrc2 PE=1 SV=3
Q9D832	Dnajb4	1.054537412	0.076610279	0.548085728	0.261151507	DnaJ homolog subfamily B member 4 OS=Mus musculus GN=Dnajb4 PE=2 SV=1
Q9D024	Ccdc47	0.976823773	-0.033829783	0.548112199	0.261130532	Coiled-coil domain-containing protein 47 OS=Mus musculus GN=Ccdc47 PE=2 SV=2
P09041	Pgk2	0.928616505	-0.106845171	0.548657565	0.260698628	Phosphoglycerate kinase 2 OS=Mus musculus GN=Pgk2 PE=1 SV=4
Q6PCP5	Mff	1.038204325	0.054090403	0.549355301	0.260146681	Mitochondrial fission factor OS=Mus musculus GN=Mff PE=1 SV=1
Q78ZA7	Nap1l4	0.971733731	-0.041367046	0.549871289	0.259738956	Nucleosome assembly protein 1-like 4 OS=Mus musculus GN=Nap1l4 PE=1 SV=1
Q9QYR9	Acot2	0.933930186	-0.098613386	0.55037715	0.259339605	Acyl-coenzyme A thioesterase 2, mitochondrial OS=Mus musculus GN=Acot2 PE=1 SV=2
Q6NZL0	Soga3	0.935852834	-0.095646416	0.551210832	0.258682257	Protein SOGA3 OS=Mus musculus GN=Soga3 PE=2 SV=2
P10518	Alad	1.031405747	0.044611989	0.551498376	0.258455762	Delta-aminolevulinic acid dehydratase OS=Mus musculus GN=Alad PE=1 SV=1
Q9CQM5	Txndc17	1.015086786	0.021603077	0.552922364	0.257335844	Thioredoxin domain-containing protein 17 OS=Mus musculus GN=Txndc17 PE=1 SV=1
P23819-3	Gria2	1.03237553	0.045967852	0.553184068	0.257130336	Isoform 3 of Glutamate receptor 2 OS=Mus musculus GN=Gria2
Q8K221	Arfip2	1.049502454	0.06970554	0.553210287	0.257109752	Arfaptin-2 OS=Mus musculus GN=Arfip2 PE=2 SV=2
Q80TE7	Lrrc7	1.016304132	0.023332198	0.553717188	0.256711996	Leucine-rich repeat-containing protein 7 OS=Mus musculus GN=Lrrc7 PE=1 SV=2
Q9DC61	Pmpca	1.028568149	0.040637385	0.554229653	0.256310242	Mitochondrial-processing peptidase subunit alpha OS=Mus musculus GN=Pmpca PE=1 SV=1
P09103	P4hb	0.954019702	-0.067909035	0.554353175	0.25621346	Protein disulfide-isomerase OS=Mus musculus GN=P4hb PE=1 SV=2
P54761	Ephb4	0.966635491	-0.04895613	0.554663178	0.255970664	Ephrin type-B receptor 4 OS=Mus musculus GN=Ephb4 PE=1 SV=2
Q05144	Rac2	0.982283948	-0.025787971	0.554993403	0.255712179	Ras-related C3 botulinum toxin substrate 2 OS=Mus musculus GN=Rac2 PE=2 SV=1
P34914-2	Ephx2	1.059879075	0.083899673	0.555031409	0.25568244	Isoform 2 of Bifunctional epoxide hydrolase 2 OS=Mus musculus GN=Ephx2
P07901	Hsp90aa1	0.986143281	-0.020130818	0.55508178	0.255643028	Heat shock protein HSP 90-alpha OS=Mus musculus GN=Hsp90aa1 PE=1 SV=4
Q9ES97-4	Rtn3	0.969377357	-0.04486971	0.555116798	0.255615631	Isoform 4 of Reticulon-3 OS=Mus musculus GN=Rtn3
P54823	Ddx6	1.111461517	0.152457997	0.555616639	0.255224757	Probable ATP-dependent RNA helicase DDX6 OS=Mus musculus GN=Ddx6 PE=1 SV=1
Q91XU3	Pip4k2c	1.082168315	0.113924907	0.556233598	0.254742782	Phosphatidylinositol 5-phosphate 4-kinase type-2 gamma OS=Mus musculus GN=Pip4k2c PE=2 SV=1
Q9JKK1	Stx6	0.910394784	-0.135435802	0.556367238	0.254638451	Syntaxin-6 OS=Mus musculus GN=Stx6 PE=1 SV=1
Q9Z0V2	Kcnd2	0.955270685	-0.066018502	0.556398193	0.254614289	Potassium voltage-gated channel subfamily D member 2 OS=Mus musculus GN=Kcnd2 PE=1 SV=1
Q8K2Q2	Gsto2	1.050506654	0.071085301	0.556805071	0.254296818	Glutathione S-transferase omega-2 OS=Mus musculus GN=Gsto2 PE=2 SV=1
Q9CYR0	Ssbp1	0.920161004	-0.120041778	0.557086078	0.254077695	Single-stranded DNA-binding protein, mitochondrial OS=Mus musculus GN=Ssbp1 PE=1 SV=1
O08967	Cyth3	1.084540552	0.117083998	0.557122468	0.254049327	Cytohesin-3 OS=Mus musculus GN=Cyth3 PE=1 SV=1
P62812	Gabra1	0.95818268	-0.06162736	0.557176452	0.254007247	Gamma-aminobutyric acid receptor subunit alpha-1 OS=Mus musculus GN=Gabra1 PE=1 SV=1
Q8CBE3	Wdr37	0.958836415	-0.060643393	0.5580132	0.253355528	WD repeat-containing protein 37 OS=Mus musculus GN=Wdr37 PE=2 SV=1
P63158	Hmgb1	0.963501206	-0.053641623	0.558644095	0.252864788	High mobility group protein B1 OS=Mus musculus GN=Hmgb1 PE=1 SV=2
Q3TBW2	Mrpl10	1.050157006	0.070605037	0.559349954	0.252316394	39S ribosomal protein L10, mitochondrial OS=Mus musculus GN=Mrpl10 PE=2 SV=2
Q80TS3-6	Lphn3	0.864142844	-0.210658283	0.560264198	0.251607129	Isoform 6 of Latrophilin-3 OS=Mus musculus GN=Lphn3
Q03958	Pfdn6	0.926085259	-0.110783075	0.560683766	0.251282018	Prefoldin subunit 6 OS=Mus musculus GN=Pfdn6 PE=2 SV=1
Q8CAY6	Acat2	1.027465531	0.039089996	0.561434697	0.250700751	Acetyl-CoA acetyltransferase, cytosolic OS=Mus musculus GN=Acat2 PE=1 SV=2
O70250	Pgam2	0.975337348	-0.036026792	0.561986981	0.250273745	Phosphoglycerate mutase 2 OS=Mus musculus GN=Pgam2 PE=1 SV=3
Q07133	Hist1h1t	0.966308525	-0.049444206	0.562124726	0.250167311	Histone H1t OS=Mus musculus GN=Hist1h1t PE=1 SV=4
P26049	Gabra3	0.957489708	-0.062671115	0.562743257	0.2496897	Gamma-aminobutyric acid receptor subunit alpha-3 OS=Mus musculus GN=Gabra3 PE=1 SV=1
Q8CH09	Sugp2	0.845151108	-0.242718785	0.563688897	0.248960519	SURP and G-patch domain-containing protein 2 OS=Mus musculus GN=Sugp2 PE=2 SV=2
Q149L6	Dnajb14	0.930986248	-0.103168237	0.564215607	0.248554905	DnaJ homolog subfamily B member 14 OS=Mus musculus GN=Dnajb14 PE=2 SV=1
P04370-9	Mbp	1.177604455	0.235855035	0.565359625	0.24767521	Isoform 9 of Myelin basic protein OS=Mus musculus GN=Mbp
O08582	Gtpbp1	1.045748878	0.06453645	0.565983613	0.247196143	GTP-binding protein 1 OS=Mus musculus GN=Gtpbp1 PE=1 SV=2
Q6P9K9	Nrxn3	0.981356134	-0.027151309	0.566079691	0.247122426	Neurexin-3 OS=Mus musculus GN=Nrxn3 PE=1 SV=2

Accession	Gene	Fold Change (KO vs. WT)	Log2 Fold Change	Students T Test	-Log10 T Test	Description
P04370-5	Mbp	1.179130339	0.2377232	0.566404442	0.24687335	Isoform 5 of Myelin basic protein OS=Mus musculus GN=Mbp
P23819	Gria2	1.028862671	0.041050429	0.566636032	0.246695813	Glutamate receptor 2 OS=Mus musculus GN=Gria2 PE=1 SV=3
Q3TCN2	Plbd2	1.044476732	0.062780354	0.566765537	0.246596565	Putative phospholipase B-like 2 OS=Mus musculus GN=Plbd2 PE=1 SV=2
Q61335	Bcap31	1.059144209	0.082899035	0.566996725	0.24641945	B-cell receptor-associated protein 31 OS=Mus musculus GN=Bcap31 PE=1 SV=4
Q04692	Smarcad1	1.07937062	0.110190324	0.56847713	0.245287003	SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily A containing DEAD/H box 1 OS=Mus musculus GN=Smarcad1 PE=1 SV=2
Q8VCM8	Ncln	1.07267226	0.101209348	0.568643489	0.245159929	Nicalin OS=Mus musculus GN=Ncln PE=2 SV=2
P53657	Pklr	1.055924568	0.078506776	0.569191686	0.244741452	Pyruvate kinase PKLR OS=Mus musculus GN=Pklr PE=2 SV=1
Q69ZW3	Ehbp1	1.068019659	0.094938203	0.569262491	0.244687431	EH domain-binding protein 1 OS=Mus musculus GN=Ehbp1 PE=1 SV=3
Q9Z1B3-2	Plcb1	1.013196418	0.018913881	0.569700246	0.244353593	Isoform B of 1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase beta-1 OS=Mus musculus GN=Plcb1
Q8BHJ7	Gabra5	0.958140078	-0.061691505	0.570600329	0.243667982	Gamma-aminobutyric acid receptor subunit alpha-5 OS=Mus musculus GN=Gabra5 PE=1 SV=1
Q8CEC5	Nkiras1	0.963980878	-0.052923566	0.570999933	0.243363943	NF-kappa-B inhibitor-interacting Ras-like protein 1 OS=Mus musculus GN=Nkiras1 PE=1 SV=1
P97470	Ppp4c	1.154800639	0.20764381	0.571058259	0.243319583	Serine/threonine-protein phosphatase 4 catalytic subunit OS=Mus musculus GN=Ppp4c PE=1 SV=2
Q61908	Cmc4	0.801167217	-0.319824706	0.571341352	0.243104342	Cx9C motif-containing protein 4 OS=Mus musculus GN=Cmc4 PE=2 SV=1
P26048	Gabra2	0.958919546	-0.060518318	0.571929359	0.242657609	Gamma-aminobutyric acid receptor subunit alpha-2 OS=Mus musculus GN=Gabra2 PE=1 SV=1
Q9ERI6	Rdh14	1.048209633	0.067927272	0.572728538	0.242051177	Retinol dehydrogenase 14 OS=Mus musculus GN=Rdh14 PE=2 SV=1
Q9JJR8	Tmem9b	0.939591078	-0.089895081	0.573187925	0.241702967	Transmembrane protein 9B OS=Mus musculus GN=Tmem9b PE=1 SV=1
Q9EQU5-3	Set	0.976769621	-0.033909764	0.573688237	0.241324055	Isoform 3 of Protein SET OS=Mus musculus GN=Set
Q61411-2	Hras	1.042769332	0.060420059	0.574314367	0.240850319	Isoform 2 of GTPase HRas OS=Mus musculus GN=Hras
Q6P5E4	Uggt1	0.964604219	-0.051990975	0.574385201	0.240796758	UDP-glucose:glycoprotein glucosyltransferase 1 OS=Mus musculus GN=Uggt1 PE=1 SV=4
Q922B1	Macrod1	1.085934425	0.118936988	0.574770532	0.240505506	O-acetyl-ADP-ribose deacetylase MACROD1 OS=Mus musculus GN=Macrod1 PE=1 SV=2
Q9D8W5	Psmd12	0.9702336	-0.043595953	0.575476515	0.239972395	26S proteasome non-ATPase regulatory subunit 12 OS=Mus musculus GN=Psmd12 PE=1 SV=4
Q8CIP4	Mark4	0.95939724	-0.059799806	0.576283307	0.239363961	MAP/microtubule affinity-regulating kinase 4 OS=Mus musculus GN=Mark4 PE=1 SV=1
P70296	Pebp1	1.022200701	0.031678486	0.57711527	0.238737434	Phosphatidylethanolamine-binding protein 1 OS=Mus musculus GN=Pebp1 PE=1 SV=3
Q9QYI3	Dnajc7	1.020976974	0.02995033	0.577560051	0.238402854	DnaJ homolog subfamily C member 7 OS=Mus musculus GN=Dnajc7 PE=1 SV=2
P60487	Pdxp	1.05242936	0.073723402	0.577678306	0.238313942	Pyridoxal phosphate phosphatase OS=Mus musculus GN=Pdxp PE=1 SV=1
Q501J6-2	Ddx17	0.969638089	-0.044481724	0.578679022	0.237562261	Isoform 2 of Probable ATP-dependent RNA helicase DDX17 OS=Mus musculus GN=Ddx17
P48428	Tbca	0.954738516	-0.066822433	0.578836961	0.237443745	Tubulin-specific chaperone A OS=Mus musculus GN=Tbca PE=2 SV=3
P30677	Gna14	0.979991116	-0.029159424	0.5795564	0.236904294	Guanine nucleotide-binding protein subunit alpha-14 OS=Mus musculus GN=Gna14 PE=1 SV=2
P04370-13	Mbp	1.173315553	0.230591066	0.580299478	0.23634782	Isoform 12 of Myelin basic protein OS=Mus musculus GN=Mbp
P35235	Ptpn11	1.070374796	0.098116051	0.580503706	0.236195003	Tyrosine-protein phosphatase non-receptor type 11 OS=Mus musculus GN=Ptpn11 PE=1 SV=2
Q149T7	Ppm1j	0.90686875	-0.141034328	0.581528652	0.235428883	Protein phosphatase 1J OS=Mus musculus GN=Ppm1j PE=1 SV=1
Q9CQ60	Pgls	0.976649152	-0.034087709	0.581595918	0.23537865	6-phosphogluconolactonase OS=Mus musculus GN=Pgls PE=2 SV=1
Q60875-3	Arhgef2	1.049306124	0.069435631	0.5820627	0.23503023	Isoform 3 of Rho guanine nucleotide exchange factor 2 OS=Mus musculus GN=Arhgef2
Q80Z38-3	Shank2	0.982233057	-0.025862718	0.582449796	0.234741503	Isoform 3 of SH3 and multiple ankyrin repeat domains protein 2 OS=Mus musculus GN=Shank2
P62880	Gnb2	1.01799492	0.025730362	0.582713259	0.2345451	Guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta-2 OS=Mus musculus GN=Gnb2 PE=1 SV=3
Q6Y685	Tacc1	1.178683429	0.237176291	0.583116968	0.234244321	Transforming acidic coiled-coil-containing protein 1 OS=Mus musculus GN=Tacc1 PE=1 SV=1
Q641P0	Actr3b	1.034604239	0.049079008	0.583331301	0.234084719	Actin-related protein 3B OS=Mus musculus GN=Actr3b PE=2 SV=1
Q920Q4	Vps16	0.971220071	-0.042129859	0.583357377	0.234065306	Vacuolar protein sorting-associated protein 16 homolog OS=Mus musculus GN=Vps16 PE=1 SV=3
Q3UHD9-2	Agap2	1.03781886	0.053554659	0.583638657	0.233855951	Isoform 2 of Arf-GAP with GTPase, ANK repeat and PH domain-containing protein 2 OS=Mus musculus GN=Agap2
Q9EPW0-2	Inpp4a	0.957012831	-0.063389827	0.583774876	0.2337546	Isoform 2 of Type I inositol 3,4-bisphosphate 4-phosphatase OS=Mus musculus GN=Inpp4a
P50172	Hsd11b1	0.948041147	-0.076978419	0.584500501	0.233215112	Corticosteroid 11-beta-dehydrogenase isozyme 1 OS=Mus musculus GN=Hsd11b1 PE=1 SV=3
Q3UM45	Ppp1r7	1.021222502	0.030297232	0.584529098	0.233193865	Protein phosphatase 1 regulatory subunit 7 OS=Mus musculus GN=Ppp1r7 PE=1 SV=2
Q9D6J6	Ndufv2	1.05466497	0.076784778	0.585046724	0.232809448	NADH dehydrogenase [ubiquinone] flavoprotein 2, mitochondrial OS=Mus musculus GN=Ndufv2 PE=1 SV=2
Q3UTJ2	Sorbs2	0.95171745	-0.071394771	0.585081145	0.232783898	Sorbin and SH3 domain-containing protein 2 OS=Mus musculus GN=Sorbs2 PE=1 SV=2
Q640R3	Hepacam	0.959854773	-0.059111954	0.586201747	0.231952891	Hepatocyte cell adhesion molecule OS=Mus musculus GN=Hepacam PE=1 SV=2
Q9CQF0	Mrpl11	1.241497225	0.312081037	0.586348149	0.231844442	39S ribosomal protein L11, mitochondrial OS=Mus musculus GN=Mrpl11 PE=2 SV=1
Q6A068	Cdc5l	1.06298702	0.088123981	0.587014729	0.231351001	Cell division cycle 5-like protein OS=Mus musculus GN=Cdc5l PE=1 SV=2
Q641P0-2	Actr3b	1.034720496	0.049241112	0.587102244	0.231286259	Isoform 2 of Actin-related protein 3B OS=Mus musculus GN=Actr3b
Q8BK72	Mrps27	1.05066392	0.071301263	0.587315821	0.2311283	28S ribosomal protein S27, mitochondrial OS=Mus musculus GN=Mrps27 PE=2 SV=2
Q9EPW0	Inpp4a	0.962739494	-0.05478262	0.588239052	0.230446147	Type I inositol 3,4-bisphosphate 4-phosphatase OS=Mus musculus GN=Inpp4a PE=2 SV=1
P63260	Actg1	0.991413732	-0.012440853	0.588878293	0.229974454	Actin, cytoplasmic 2 OS=Mus musculus GN=Actg1 PE=1 SV=1
Q3B7Z2-2	Osbp	1.045805703	0.064614842	0.589596861	0.229444837	Isoform 2 of Oxysterol-binding protein 1 OS=Mus musculus GN=Osbp
Q9WV32	Arpc1b	0.937344794	-0.093348267	0.590038649	0.22911954	Actin-related protein 2/3 complex subunit 1B OS=Mus musculus GN=Arpc1b PE=2 SV=4
O35215	Ddt	1.052407521	0.073693464	0.590120145	0.229059559	D-dopachrome decarboxylase OS=Mus musculus GN=Ddt PE=1 SV=3
Q03173-2	Enah	0.965830141	-0.050158608	0.590167065	0.22902503	Isoform 1 of Protein enabled homolog OS=Mus musculus GN=Enah
Q9ET01	Pygl	0.973050942	-0.039412758	0.590276588	0.228944442	Glycogen phosphorylase, liver form OS=Mus musculus GN=Pygl PE=1 SV=4
O08579	Emd	1.034569832	0.049031029	0.59047486	0.228798588	Emerin OS=Mus musculus GN=Emd PE=1 SV=1
Q80U93	Nup214	1.236054816	0.305742724	0.591715282	0.227887214	Nuclear pore complex protein Nup214 OS=Mus musculus GN=Nup214 PE=1 SV=2
Q9D1M0	Sec13	0.968269429	-0.04651955	0.592448585	0.227349333	Protein SEC13 homolog OS=Mus musculus GN=Sec13 PE=2 SV=3
Q9R1P3	Psmb2	1.055224583	0.07755008	0.593514771	0.226568468	Proteasome subunit beta type-2 OS=Mus musculus GN=Psmb2 PE=1 SV=1
Q69ZA1	Cdk13	1.212955211	0.27852628	0.594221221	0.226051843	Cyclin-dependent kinase 13 OS=Mus musculus GN=Cdk13 PE=1 SV=3
P57724	Pcbp4	0.983743347	-0.023646121	0.594299521	0.22599462	Poly(rC)-binding protein 4 OS=Mus musculus GN=Pcbp4 PE=2 SV=1
Q9JIW9	Ralb	1.033696334	0.047812432	0.594404428	0.225917964	Ras-related protein Ral-B OS=Mus musculus GN=Ralb PE=2 SV=1
Q7TPV4	Mybbp1a	1.039556485	0.055968149	0.594865312	0.225581355	Myb-binding protein 1A OS=Mus musculus GN=Mybbp1a PE=1 SV=2
Q9QYJ0	Dnaja2	0.984220115	-0.022947093	0.594914028	0.22554579	DnaJ homolog subfamily A member 2 OS=Mus musculus GN=Dnaja2 PE=1 SV=1
Q7TSC1	Prrc2a	0.944421047	-0.082497902	0.595225637	0.225318372	Protein PRRC2A OS=Mus musculus GN=Prrc2a PE=1 SV=1
Q08890	Ids	1.09378822	0.12933343	0.595264825	0.22528978	Iduronate 2-sulfatase OS=Mus musculus GN=Ids PE=2 SV=3
Q8VDK1	Nit1	0.97067036	-0.042946656	0.596015337	0.224742564	Nitrilase homolog 1 OS=Mus musculus GN=Nit1 PE=2 SV=2
O88741	Gdap1	1.02204612	0.0314603	0.596950718	0.224061521	Ganglioside-induced differentiation-associated protein 1 OS=Mus musculus GN=Gdap1 PE=1 SV=1
Q8VHH5	Agap3	1.065861635	0.092020167	0.597034948	0.224000247	Arf-GAP with GTPase, ANK repeat and PH domain-containing protein 3 OS=Mus musculus GN=Agap3 PE=1 SV=1
Q91YE6	Ipo9	1.160326044	0.21453025	0.597312447	0.223798435	Importin-9 OS=Mus musculus GN=Ipo9 PE=1 SV=3
Q7TT45	Rragd	1.056352585	0.079091452	0.597433832	0.223710187	Ras-related GTP-binding protein D OS=Mus musculus GN=Rragd PE=2 SV=2
P36536	Sar1a	1.026557248	0.037814085	0.597574826	0.223607706	GTP-binding protein SAR1a OS=Mus musculus GN=Sar1a PE=2 SV=1
P26043	Rdx	1.016668592	0.023849474	0.597895481	0.223374729	Radixin OS=Mus musculus GN=Rdx PE=1 SV=3
Q920E5	Fdps	0.978584688	-0.031231385	0.597977029	0.223315499	Farnesyl pyrophosphate synthase OS=Mus musculus GN=Fdps PE=1 SV=1
Q9DC23	Dnajc10	0.933065355	-0.099949959	0.59845856	0.222965916	DnaJ homolog subfamily C member 10 OS=Mus musculus GN=Dnajc10 PE=1 SV=2
P61202	Cops2	1.024499579	0.034919391	0.599624747	0.222120452	COP9 signalosome complex subunit 2 OS=Mus musculus GN=Cops2 PE=1 SV=1
Q6A0A9	FAM120A	0.972844713	-0.039718556	0.599795851	0.221996543	Constitutive coactivator of PPAR-gamma-like protein 1 OS=Mus musculus GN=FAM120A PE=1 SV=2
Q8BJY1	Psmd5	0.911246559	-0.134086634	0.60073038	0.221320404	26S proteasome non-ATPase regulatory subunit 5 OS=Mus musculus GN=Psmd5 PE=1 SV=4
P35283	Rab12	1.017239858	0.024659897	0.601878523	0.220491154	Ras-related protein Rab-12 OS=Mus musculus GN=Rab12 PE=1 SV=3
P27612	Plaa	0.95907476	-0.060284817	0.602019231	0.220389635	Phospholipase A-2-activating protein OS=Mus musculus GN=Plaa PE=1 SV=4
Q99KP3	Cryl1	0.969623638	-0.044503225	0.602449247	0.220079534	Lambda-crystallin homolog OS=Mus musculus GN=Cryl1 PE=2 SV=3
Q9JHW9	Aldh1a3	1.03840986	0.054375988	0.602538006	0.220015554	Aldehyde dehydrogenase family 1 member A3 OS=Mus musculus GN=Aldh1a3 PE=2 SV=1
Q99M80-3	Ptprt	1.302748585	0.381558688	0.603591085	0.219257183	Isoform 3 of Receptor-type tyrosine-protein phosphatase T OS=Mus musculus GN=Ptprt
Q99K70	Rragc	1.053021418	0.074534781	0.603634494	0.219225951	Ras-related GTP-binding protein C OS=Mus musculus GN=Rragc PE=1 SV=1
Q9JLB9-3	Pvrl3	1.176618479	0.234646599	0.604483034	0.218615884	Isoform 3 of Poliovirus receptor-related protein 3 OS=Mus musculus GN=Pvrl3
P04370-7	Mbp	1.165733336	0.221237807	0.604738578	0.218432325	Isoform 7 of Myelin basic protein OS=Mus musculus GN=Mbp
O88737	Bsn	1.020678896	0.029529068	0.60532268	0.218013054	Protein bassoon OS=Mus musculus GN=Bsn PE=1 SV=4
O70514	Fgfbp1	0.860515904	-0.216726239	0.605659664	0.217771349	Fibroblast growth factor-binding protein 1 OS=Mus musculus GN=Fgfbp1 PE=1 SV=1
Q64105	Spr	0.991916249	-0.011709781	0.605794954	0.217674349	Sepiapterin reductase OS=Mus musculus GN=Spr PE=1 SV=1
Q9JIF7	Copb1	1.017520716	0.025058167	0.606081165	0.217469212	Coatomer subunit beta OS=Mus musculus GN=Copb1 PE=1 SV=1
Q6ZPJ3	Ube2o	0.984072984	-0.023162777	0.6066157	0.217086354	Ubiquitin-conjugating enzyme E2 O OS=Mus musculus GN=Ube2o PE=1 SV=3
Q6PH08	Erc2	1.022933107	0.032711806	0.609079836	0.215325778	ERC protein 2 OS=Mus musculus GN=Erc2 PE=2 SV=2
Q8BTZ5	Ankrd46	1.106896378	0.146520171	0.609306562	0.215164145	Ankyrin repeat domain-containing protein 46 OS=Mus musculus GN=Ankrd46 PE=2 SV=1
Q80UJ7	Rab3gap1	1.041192561	0.058236909	0.610697491	0.214173864	Rab3 GTPase-activating protein catalytic subunit OS=Mus musculus GN=Rab3gap1 PE=2 SV=4
Q8R326	Pspc1	1.013580178	0.019460215	0.61078504	0.214111609	Paraspeckle component 1 OS=Mus musculus GN=Pspc1 PE=1 SV=1
Q9D5V6	Syap1	1.04515435	0.063716017	0.610811243	0.214092978	Synapse-associated protein 1 OS=Mus musculus GN=Syap1 PE=1 SV=1
Q8R1B5	Cplx3	1.02803244	0.03988579	0.612158656	0.213136005	Complexin-3 OS=Mus musculus GN=Cplx3 PE=1 SV=1
P29533	Vcam1	1.049435165	0.069613038	0.613082685	0.212480949	Vascular cell adhesion protein 1 OS=Mus musculus GN=Vcam1 PE=1 SV=1
Q8R464	Cadm4	0.962560366	-0.055051075	0.613135603	0.212443465	Cell adhesion molecule 4 OS=Mus musculus GN=Cadm4 PE=1 SV=1
Q8R180	Ero1l	1.026636952	0.037926093	0.613187152	0.212406954	ERO1-like protein alpha OS=Mus musculus GN=Ero1l PE=1 SV=2
O54988-2	Slk	0.909204994	-0.137322486	0.614344668	0.211587907	Isoform 2 of STE20-like serine/threonine-protein kinase OS=Mus musculus GN=Slk
Q921E2	Rab31	0.969276811	-0.045019359	0.614813918	0.21125631	Ras-related protein Rab-31 OS=Mus musculus GN=Rab31 PE=1 SV=1
P61967	Ap1s1	0.959757761	-0.059257773	0.615682898	0.210642909	AP-1 complex subunit sigma-1A OS=Mus musculus GN=Ap1s1 PE=1 SV=1
P56395	Cyb5a	0.966624905	-0.048971929	0.616037731	0.210392687	Cytochrome b5 OS=Mus musculus GN=Cyb5a PE=1 SV=2
Q9DBS2	Tprg1l	1.036745273	0.052061469	0.616238679	0.210251046	Tumor protein p63-regulated gene 1-like protein OS=Mus musculus GN=Tprg1l PE=1 SV=1
Q91V09	Wdr13	1.028218707	0.040147165	0.616535776	0.210041718	WD repeat-containing protein 13 OS=Mus musculus GN=Wdr13 PE=1 SV=1
Q9CXT8	Pmpcb	1.065549561	0.091597697	0.617683125	0.209234264	Mitochondrial-processing peptidase subunit beta OS=Mus musculus GN=Pmpcb PE=2 SV=1
A2A8Z1	Osbpl9	0.970997181	-0.042460988	0.61867728	0.208535832	Oxysterol-binding protein-related protein 9 OS=Mus musculus GN=Osbpl9 PE=1 SV=1
Q6DIC0	Smarca2	1.054601979	0.076698609	0.619059041	0.20826793	Probable global transcription activator SNF2L2 OS=Mus musculus GN=Smarca2 PE=1 SV=1
O08583	Alyref	1.011298741	0.016209238	0.619242889	0.208138972	THO complex subunit 4 OS=Mus musculus GN=Alyref PE=1 SV=3
O70503-2	Hsd17b12	1.057799084	0.081065632	0.619250674	0.208133512	Isoform 2 of Estradiol 17-beta-dehydrogenase 12 OS=Mus musculus GN=Hsd17b12
Q91VR7	Map1lc3a	0.976999066	-0.033570912	0.619497219	0.207960639	Microtubule-associated proteins 1A/1B light chain 3A OS=Mus musculus GN=Map1lc3a PE=1 SV=1
Q8BR63	Fam177a1	0.918954962	-0.121933939	0.619671434	0.207838524	Protein FAM177A1 OS=Mus musculus GN=Fam177a1 PE=2 SV=1
Q923X4	Glrx2	0.976452032	-0.034378921	0.61975601	0.207779253	Glutaredoxin-2, mitochondrial OS=Mus musculus GN=Glrx2 PE=1 SV=1
Q9QZE7	Tsnax	1.063418881	0.088709987	0.62054746	0.207224998	Translin-associated protein X OS=Mus musculus GN=Tsnax PE=1 SV=1
Q61686	Cbx5	1.022970616	0.032764705	0.620674084	0.207136388	Chromobox protein homolog 5 OS=Mus musculus GN=Cbx5 PE=1 SV=1

Accession	Gene	Fold Change (KO vs. WT)	Log2 Fold Change	Students T Test	-Log10 T Test	Description
Q61425	Hadh	0.94313233	-0.084467887	0.620968097	0.206930717	Hydroxyacyl-coenzyme A dehydrogenase, mitochondrial OS=Mus musculus GN=Hadh PE=1 SV=2
P68134	Acta1	1.011779574	0.016895019	0.621257313	0.206728486	Actin, alpha skeletal muscle OS=Mus musculus GN=Acta1 PE=1 SV=1
P04370-8	Mbp	1.160911496	0.21525799	0.621289444	0.206706025	Isoform 8 of Myelin basic protein OS=Mus musculus GN=Mbp
Q8R404	Qil1	1.054037946	0.075926805	0.62155288	0.206521917	Protein QIL1 OS=Mus musculus GN=Qil1 PE=2 SV=1
Q05D44	Eif5b	0.883810016	-0.178191814	0.621946317	0.2062471	Eukaryotic translation initiation factor 5B OS=Mus musculus GN=Eif5b PE=1 SV=2
Q9D6J5	Ndufb8	0.927917937	-0.107930872	0.622151984	0.206010351	NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 8, mitochondrial OS=Mus musculus GN=Ndufb8 PE=1 SV=1
P70302	Stim1	0.966012838	-0.049885733	0.622271061	0.206020395	Stromal interaction molecule 1 OS=Mus musculus GN=Stim1 PE=1 SV=2
Q9D6J6-2	Ndufv2	1.049506229	0.069710729	0.622379679	0.205944596	Isoform 2 of NADH dehydrogenase [ubiquinone] flavoprotein 2, mitochondrial OS=Mus musculus GN=Ndufv2
Q9EPN1-2	Nbea	0.862248619	-0.213824181	0.622728836	0.205701023	Isoform 2 of Neurobeachin OS=Mus musculus GN=Nbea
Q99PL5-11	Rrbp1	0.953658905	-0.068454744	0.623050757	0.205476572	Isoform RRp1.8 of Ribosome-binding protein 1 OS=Mus musculus GN=Rrbp1
Q8R1B4	Eif3c	0.951890931	-0.071131818	0.623071544	0.205462083	Eukaryotic translation initiation factor 3 subunit C OS=Mus musculus GN=Eif3c PE=1 SV=1
Q8CG76	Akr7a2	1.019839459	0.028342065	0.623233059	0.205349518	Aflatoxin B1 aldehyde reductase member 2 OS=Mus musculus GN=Akr7a2 PE=1 SV=3
Q8BIW1	Prune	0.976044948	-0.034980508	0.623750258	0.204989262	Protein prune homolog OS=Mus musculus GN=Prune PE=2 SV=1
Q6PGN3-3	Dclk2	1.034178331	0.048484982	0.624202004	0.204674841	Isoform 3 of Serine/threonine-protein kinase DCLK2 OS=Mus musculus GN=Dclk2
P26339	Chga	0.95076644	-0.072837114	0.625611935	0.203694974	Chromogranin-A OS=Mus musculus GN=Chga PE=1 SV=1
Q9R0P9	Uchl1	0.989092512	-0.015822629	0.626231511	0.203265083	Ubiquitin carboxyl-terminal hydrolase isozyme L1 OS=Mus musculus GN=Uchl1 PE=1 SV=1
P12815	Pdcd6	0.958317951	-0.061423702	0.626910437	0.2027945	Programmed cell death protein 6 OS=Mus musculus GN=Pdcd6 PE=1 SV=2
Q9D024-3	Ccdc47	0.961979946	-0.055921276	0.62724439	0.202563214	Isoform 3 of Coiled-coil domain-containing protein 47 OS=Mus musculus GN=Ccdc47
Q8BH57	Wdr48	1.027507007	0.039148232	0.62731592	0.202513691	WD repeat-containing protein 48 OS=Mus musculus GN=Wdr48 PE=1 SV=1
Q920P5	Ak5	0.984256146	-0.022894279	0.628050158	0.202005671	Adenylate kinase isoenzyme 5 OS=Mus musculus GN=Ak5 PE=2 SV=2
Q7TPD3	Robo2	0.951214236	-0.072157788	0.628113978	0.201961542	Roundabout homolog 2 OS=Mus musculus GN=Robo2 PE=2 SV=2
Q922W5	Pycr1	0.96731641	-0.047940222	0.628215601	0.201891282	Pyrroline-5-carboxylate reductase 1, mitochondrial OS=Mus musculus GN=Pycr1 PE=2 SV=1
Q9DCN2	Cyb5r3	1.021693906	0.030963038	0.628241937	0.201873076	NADH-cytochrome b5 reductase 3 OS=Mus musculus GN=Cyb5r3 PE=1 SV=3
Q9CQW2	Arl8b	0.988276468	-0.017013406	0.628284231	0.20184384	ADP-ribosylation factor-like protein 8B OS=Mus musculus GN=Arl8b PE=2 SV=1
Q6PDI5	Ecm29	0.958046661	-0.061832172	0.629377651	0.201088683	Proteasome-associated protein ECM29 homolog OS=Mus musculus GN=Ecm29 PE=1 SV=3
Q99LF4	Rtcb	0.973458995	-0.038807885	0.629659673	0.20089412	tRNA-splicing ligase RtcB homolog OS=Mus musculus GN=Rtcb PE=2 SV=1
Q61301-3	Ctnna2	1.00941754	0.013523061	0.62994896	0.200694637	Isoform 3 of Catenin alpha-2 OS=Mus musculus GN=Ctnna2
Q9D0W5	Ppil1	0.947934431	-0.077140824	0.630187465	0.20053024	Peptidyl-prolyl cis-trans isomerase-like 1 OS=Mus musculus GN=Ppil1 PE=2 SV=1
Q9ER35	Fn3k	1.059155525	0.082914449	0.6302992	0.200453244	Fructosamine-3-kinase OS=Mus musculus GN=Fn3k PE=2 SV=1
O88291	Znf326	1.021967042	0.031348671	0.63035768	0.200412952	DBIRD complex subunit ZNF326 OS=Mus musculus GN=Znf326 PE=2 SV=1
Q9Z1L5	Cacna2d3	1.032647748	0.046348212	0.630456114	0.200345139	Voltage-dependent calcium channel subunit alpha-2/delta-3 OS=Mus musculus GN=Cacna2d3 PE=1 SV=1
Q6PEB6	Mob4	0.954725467	-0.066842151	0.630719908	0.200163461	MOB-like protein phocein OS=Mus musculus GN=Mob4 PE=1 SV=1
P70195	Psmb7	1.022997768	0.032802997	0.630845061	0.200077293	Proteasome subunit beta type-7 OS=Mus musculus GN=Psmb7 PE=1 SV=1
Q6PHZ2-4	Camk2d	1.048679503	0.068573829	0.631347714	0.199731387	Isoform 3 of Calcium/calmodulin-dependent protein kinase type II subunit delta OS=Mus musculus GN=Camk2d
B0F2B4	Nlgn4l	0.949285604	-0.07508589	0.631455786	0.199657053	Neuroligin 4-like OS=Mus musculus GN=Nlgn4l PE=1 SV=1
P55258	Rab8a	1.021428867	0.030588737	0.631636042	0.199533096	Ras-related protein Rab-8A OS=Mus musculus GN=Rab8a PE=1 SV=2
Q3TWL2	Tmem55b	1.06028455	0.084451495	0.6321329	0.199191606	Type 1 phosphatidylinositol 4,5-bisphosphate 4-phosphatase OS=Mus musculus GN=Tmem55b PE=1 SV=1
Q8VDZ4	Zdhhc5	1.214209591	0.280017475	0.632282482	0.199088851	Palmitoyltransferase ZDHHC5 OS=Mus musculus GN=Zdhhc5 PE=1 SV=1
Q6PHZ2	Camk2d	1.048446683	0.068253498	0.632297907	0.199078256	Calcium/calmodulin-dependent protein kinase type II subunit delta OS=Mus musculus GN=Camk2d PE=1 SV=1
Q9CR51	Atp6v1g1	0.948149078	-0.076814183	0.63277645	0.198749692	V-type proton ATPase subunit G 1 OS=Mus musculus GN=Atp6v1g1 PE=2 SV=3
Q9DBC0	Selo	0.952997971	-0.069454952	0.634023661	0.197894534	Selenoprotein O OS=Mus musculus GN=Selo PE=2 SV=4
Q9JJW6-2	Alyref2	1.013870095	0.019872814	0.634148542	0.197809002	Isoform 2 of Aly/REF export factor 2 OS=Mus musculus GN=Alyref2
Q8VEH3	Arl8a	0.986551548	-0.01953366	0.634176057	0.197790159	ADP-ribosylation factor-like protein 8A OS=Mus musculus GN=Arl8a PE=2 SV=1
Q8CJH3	Plxnb1	0.960928692	-0.057498718	0.635281753	0.197033619	Plexin-B1 OS=Mus musculus GN=Plxnb1 PE=1 SV=2
Q8BH24	Tm9sf4	0.85244587	-0.230319868	0.635803635	0.196676994	Transmembrane 9 superfamily member 4 OS=Mus musculus GN=Tm9sf4 PE=2 SV=1
P26041	Msn	1.018382961	0.026280186	0.635862726	0.196636632	Moesin OS=Mus musculus GN=Msn PE=1 SV=3
P97471	Smad4	0.95640128	-0.064312033	0.636485183	0.196211702	Mothers against decapentaplegic homolog 4 OS=Mus musculus GN=Smad4 PE=1 SV=2
Q9JLN9	Mtor	0.899401004	-0.152963601	0.636712752	0.196056452	Serine/threonine-protein kinase mTOR OS=Mus musculus GN=Mtor PE=1 SV=2
Q61838	A2m	1.06508543	0.090969153	0.637361832	0.195613947	Alpha-2-macroglobulin OS=Mus musculus GN=A2m PE=1 SV=3
Q9Z0H3	Smarcb1	0.962571537	-0.055034331	0.63770365	0.195381098	SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily B member 1 OS=Mus musculus GN=Smarcb1 PE=1 SV=1
Q8C437	Pex5l	0.96028041	-0.058472349	0.637834412	0.195292054	PEX5-related protein OS=Mus musculus GN=Pex5l PE=1 SV=2
Q61655	Ddx19a	0.954500816	-0.067181664	0.637980785	0.195192401	ATP-dependent RNA helicase DDX19A OS=Mus musculus GN=Ddx19a PE=2 SV=2
Q02819	Nucb1	1.028097116	0.039976551	0.639245642	0.194332224	Nucleobindin-1 OS=Mus musculus GN=Nucb1 PE=1 SV=2
Q8BYR5-7	Cadps2	1.025584627	0.036446542	0.63944942	0.194193802	Isoform 7 of Calcium-dependent secretion activator 2 OS=Mus musculus GN=Cadps2
Q8R071	Itpka	0.959463228	-0.059700579	0.639953692	0.193851451	Inositol-trisphosphate 3-kinase A OS=Mus musculus GN=Itpka PE=2 SV=1
O70305-3	Atxn2	1.057527533	0.080695225	0.640469783	0.193501355	Isoform 3 of Ataxin-2 OS=Mus musculus GN=Atxn2
P40336	Vps26a	1.069966705	0.097565905	0.641281487	0.192951298	Vacuolar protein sorting-associated protein 26A OS=Mus musculus GN=Vps26a PE=2 SV=1
Q64332-2	Syn2	1.024838463	0.035396527	0.641588295	0.192743568	Isoform IIb of Synapsin-2 OS=Mus musculus GN=Syn2
P62500	Tsc22d1	0.949064129	-0.075422521	0.641913212	0.192523685	TSC22 domain family protein 1 OS=Mus musculus GN=Tsc22d1 PE=1 SV=2
Q99KN9-2	Clint1	1.049845981	0.070177691	0.641989782	0.192471884	Isoform 2 of Clathrin interactor 1 OS=Mus musculus GN=Clint1
Q9QUH0	Glrx	1.031847825	0.04523022	0.64242513	0.192177479	Glutaredoxin-1 OS=Mus musculus GN=Glrx PE=1 SV=3
P63017	Hspa8	0.989445627	-0.015307665	0.643327075	0.191568171	Heat shock cognate 71 kDa protein OS=Mus musculus GN=Hspa8 PE=1 SV=1
Q9WV96	Timm10b	0.929937668	-0.104794077	0.643335791	0.191562287	Mitochondrial import inner membrane translocase subunit Tim10 B OS=Mus musculus GN=Timm10b PE=2 SV=1
Q8K0Z7	Taco1	1.03700207	0.052418774	0.643618523	0.191371465	Translational activator of cytochrome c oxidase 1 OS=Mus musculus GN=Taco1 PE=1 SV=1
Q9QXV0	Pcsk1n	1.031077575	0.04415288	0.64596476	0.189791174	ProSAAS OS=Mus musculus GN=Pcsk1n PE=1 SV=2
Q8CI71-3	Ccdc132	0.963490124	-0.053658217	0.646230923	0.189612265	Isoform 3 of Coiled-coil domain-containing protein 132 OS=Mus musculus GN=Ccdc132
Q5SV85	Synrg	0.961972219	-0.055932865	0.64651705	0.189420018	Synergin gamma OS=Mus musculus GN=Synrg PE=1 SV=1
P61750	Arf4	1.043065218	0.060829366	0.646864716	0.189186537	ADP-ribosylation factor 4 OS=Mus musculus GN=Arf4 PE=1 SV=2
O55057	Pde6d	1.040632351	0.057460463	0.647705454	0.188622446	Retinal rod rhodopsin-sensitive cGMP 3',5'-cyclic phosphodiesterase subunit delta OS=Mus musculus GN=Pde6d PE=1 SV=1
Q6PDQ2	Chd4	0.941728423	-0.086617021	0.647922293	0.188477077	Chromodomain-helicase-DNA-binding protein 4 OS=Mus musculus GN=Chd4 PE=1 SV=1
P28656	Nap1l1	0.986922861	-0.018990769	0.647998983	0.188425676	Nucleosome assembly protein 1-like 1 OS=Mus musculus GN=Nap1l1 PE=1 SV=2
P84089	Erh	0.955826506	-0.06517932	0.648048517	0.188392479	Enhancer of rudimentary homolog OS=Mus musculus GN=Erh PE=1 SV=1
P62858	Rps28	0.899570917	-0.152691075	0.648316462	0.188212951	40S ribosomal protein S28 OS=Mus musculus GN=Rps28 PE=2 SV=1
Q8K400	Stxbp5	0.977555559	-0.032749395	0.648338782	0.188197999	Syntaxin-binding protein 5 OS=Mus musculus GN=Stxbp5 PE=1 SV=3
Q9D7N9	Apmap	0.974947346	-0.036603789	0.648563253	0.188047662	Adipocyte plasma membrane-associated protein OS=Mus musculus GN=Apmap PE=1 SV=1
Q9Z1K5	Arih1	1.023828338	0.033973843	0.649365386	0.187510865	E3 ubiquitin-protein ligase ARIH1 OS=Mus musculus GN=Arih1 PE=1 SV=3
Q61016	Gng7	1.034535505	0.048983159	0.650690263	0.186625692	Guanine nucleotide-binding protein G(I)/G(S)/G(O) subunit gamma-7 OS=Mus musculus GN=Gng7 PE=2 SV=2
Q9CPV4-2	Glod4	1.015785992	0.022596484	0.651395555	0.18615521	Isoform 2 of Glyoxalase domain-containing protein 4 OS=Mus musculus GN=Glod4
Q8BFU3-5	Rnf214	1.046668157	0.065804113	0.651460428	0.18611196	Isoform 5 of RING finger protein 214 OS=Mus musculus GN=Rnf214
B9EJA2-3	Cttnbp2	0.989954082	-0.014566485	0.652485824	0.185428919	Isoform 3 of Cortactin-binding protein 2 OS=Mus musculus GN=Cttnbp2
Q922Q8	Lrrc59	0.976846274	-0.033796552	0.65252252	0.185404495	Leucine-rich repeat-containing protein 59 OS=Mus musculus GN=Lrrc59 PE=1 SV=1
Q8VH51-3	Rbm39	1.021899034	0.031252662	0.652541929	0.185391577	Isoform 3 of RNA-binding protein 39 OS=Mus musculus GN=Rbm39
Q9ERF3	Wdr61	1.020328482	0.029033684	0.652921093	0.185139301	WD repeat-containing protein 61 OS=Mus musculus GN=Wdr61 PE=2 SV=1
Q9D061-3	Acbd6	0.935948021	-0.095499684	0.652982609	0.185098385	Isoform 3 of Acyl-CoA-binding domain-containing protein 6 OS=Mus musculus GN=Acbd6
P48320	Gad2	1.016039409	0.022956361	0.654194105	0.184293374	Glutamate decarboxylase 2 OS=Mus musculus GN=Gad2 PE=2 SV=1
Q91X96	Rabif	1.046811931	0.066002272	0.655610576	0.18335405	Guanine nucleotide exchange factor MSS4 OS=Mus musculus GN=Rabif PE=2 SV=1
Q9DBL7	Coasy	1.027359083	0.038940521	0.655777476	0.183243504	Bifunctional coenzyme A synthase OS=Mus musculus GN=Coasy PE=1 SV=2
Q9D0I4	Stx17	1.079207106	0.109971753	0.655787289	0.183237006	Syntaxin-17 OS=Mus musculus GN=Stx17 PE=1 SV=1
Q80YN3	Bcas1	0.961154492	-0.057159753	0.655818158	0.183216563	Breast carcinoma-amplified sequence 1 homolog OS=Mus musculus GN=Bcas1 PE=2 SV=3
Q8BHE3	Atcay	1.055246204	0.077579639	0.656089821	0.1830367	Caytaxin OS=Mus musculus GN=Atcay PE=1 SV=1
Q07813	Bax	0.973940832	-0.038093966	0.65617399	0.182980988	Apoptosis regulator BAX OS=Mus musculus GN=Bax PE=1 SV=1
Q8CGY8	Ogt	1.014363879	0.020575278	0.657310827	0.182229214	UDP-N-acetylglucosamine--peptide N-acetylglucosaminyltransferase 110 kDa subunit OS=Mus musculus GN=Ogt PE=1 SV=2
E9Q557	Dsp	0.931852054	-0.101827173	0.657528595	0.182085355	Desmoplakin OS=Mus musculus GN=Dsp PE=1 SV=1
P20443	Sag	0.900632729	-0.150989188	0.657572053	0.182056653	S-arrestin OS=Mus musculus GN=Sag PE=1 SV=1
Q6IR34-4	Gpsm1	0.953720987	-0.068360831	0.657831491	0.18188534	Isoform 4 of G-protein-signaling modulator 1 OS=Mus musculus GN=Gpsm1
Q99L04	Dhrs1	0.987576541	-0.018035528	0.658394823	0.181513593	Dehydrogenase/reductase SDR family member 1 OS=Mus musculus GN=Dhrs1 PE=2 SV=1
Q62159	Rhoc	0.976921432	-0.033685555	0.658845934	0.18121613	Rho-related GTP-binding protein RhoC OS=Mus musculus GN=Rhoc PE=1 SV=2
Q9CQF9	Pcyox1	1.028260695	0.040206077	0.659588019	0.180727242	Prenylcysteine oxidase OS=Mus musculus GN=Pcyox1 PE=1 SV=1
P16045	Lgals1	0.962003408	-0.055886091	0.660614113	0.180052153	Galectin-1 OS=Mus musculus GN=Lgals1 PE=1 SV=3
Q91WG8	Gne	0.802619093	-0.317212619	0.661245302	0.179637401	Bifunctional UDP-N-acetylglucosamine 2-epimerase/N-acetylmannosamine kinase OS=Mus musculus GN=Gne PE=1 SV=1
P46662	Nf2	1.037802447	0.053531843	0.661575741	0.179420428	Merlin OS=Mus musculus GN=Nf2 PE=1 SV=2
Q8VE22	Mrps23	1.027613939	0.039298365	0.661774555	0.179289935	28S ribosomal protein S23, mitochondrial OS=Mus musculus GN=Mrps23 PE=1 SV=1
Q80Y14	Glrx5	1.015303158	0.021910564	0.662100791	0.179075893	Glutaredoxin-related protein 5, mitochondrial OS=Mus musculus GN=Glrx5 PE=1 SV=2
P58137	Acot8	0.964399111	-0.052297774	0.662656477	0.178711553	Acyl-coenzyme A thioesterase 8 OS=Mus musculus GN=Acot8 PE=1 SV=1
P12023	App	1.025456078	0.0362657	0.663173483	0.178372847	Amyloid beta A4 protein OS=Mus musculus GN=App PE=1 SV=3
Q9D020	Nt5c3a	1.068648661	0.095787617	0.663327639	0.178271906	Cytosolic 5'-nucleotidase 3A OS=Mus musculus GN=Nt5c3a PE=1 SV=4
Q6A028	Swap70	0.917428878	-0.124331775	0.663769864	0.177982469	Switch-associated protein 70 OS=Mus musculus GN=Swap70 PE=1 SV=2
Q9R0Q7	Ptges3	1.019272214	0.027539399	0.665287572	0.176990589	Prostaglandin E synthase 3 OS=Mus musculus GN=Ptges3 PE=1 SV=1
Q8CCB4	Vps53	0.960131002	-0.058696832	0.665355152	0.176946476	Vacuolar protein sorting-associated protein 53 homolog OS=Mus musculus GN=Vps53 PE=2 SV=1
Q921M4	Golga2	0.958504459	-0.061142951	0.665839899	0.176630184	Golgin subfamily A member 2 OS=Mus musculus GN=Golga2 PE=2 SV=3
P35436	Grin2a	0.946857931	-0.078780118	0.666147141	0.176429832	Glutamate receptor ionotropic, NMDA 2A OS=Mus musculus GN=Grin2a PE=1 SV=2
Q91Y86	Mapk8	0.969056786	-0.045346885	0.669552902	0.174215103	Mitogen-activated protein kinase 8 OS=Mus musculus GN=Mapk8 PE=1 SV=1
Q6PD03	Ppp2r5a	0.968842583	-0.045665819	0.670312701	0.173722551	Serine/threonine-protein phosphatase 2A 56 kDa regulatory subunit alpha isoform OS=Mus musculus GN=Ppp2r5a PE=2 SV=1
Q8BH66	Atl1	1.017680838	0.025285179	0.670982801	0.173288612	Atlastin-1 OS=Mus musculus GN=Atl1 PE=1 SV=1
Q9CZC8	Scrn1	1.013407566	0.019214505	0.672171894	0.172519651	Secernin-1 OS=Mus musculus GN=Scrn1 PE=1 SV=1
Q64737-2	Gart	0.989164151	-0.01571814	0.672576995	0.172257992	Isoform Short of Trifunctional purine biosynthetic protein adenosine-3 OS=Mus musculus GN=Gart
Q99LD4	Gps1	0.978286772	-0.031670661	0.673333602	0.171769712	COP9 signalosome complex subunit 1 OS=Mus musculus GN=Gps1 PE=1 SV=1

Accession	Gene	Fold Change (KO vs. WT)	Log2 Fold Change	Students T Test	-Log10 T Test	Description
A6H5Z3	Exoc6b	1.089361733	0.123483094	0.673408472	0.171721424	Exocyst complex component 6B OS=Mus musculus GN=Exoc6b PE=2 SV=1
Q8R2L5	Mrps18c	0.898719819	-0.154056678	0.674072287	0.171293527	28S ribosomal protein S18c, mitochondrial OS=Mus musculus GN=Mrps18c PE=2 SV=1
P47738	Aldh2	1.016350685	0.02339828	0.674258741	0.171173415	Aldehyde dehydrogenase, mitochondrial OS=Mus musculus GN=Aldh2 PE=1 SV=1
P12023-3	App	1.025056839	0.035703909	0.674292419	0.171151723	Isoform APP751 of Amyloid beta A4 protein OS=Mus musculus GN=App
Q9QXB9	Drg2	0.959754149	-0.059263204	0.674523924	0.171002642	Developmentally-regulated GTP-binding protein 2 OS=Mus musculus GN=Drg2 PE=1 SV=1
P62317	Snrpd2	0.986142924	-0.02013134	0.675329805	0.170484083	Small nuclear ribonucleoprotein Sm D2 OS=Mus musculus GN=Snrpd2 PE=2 SV=1
Q8VE38	Oxnad1	0.944246049	-0.082765252	0.675850463	0.170149385	Oxidoreductase NAD-binding domain-containing protein 1 OS=Mus musculus GN=Oxnad1 PE=2 SV=2
Q99KI3	Emc3	0.909752205	-0.136454452	0.676203298	0.169922715	ER membrane protein complex subunit 3 OS=Mus musculus GN=Emc3 PE=2 SV=3
Q8CHG7	Rapgef2	1.030712683	0.043642229	0.677065773	0.16936914	Rap guanine nucleotide exchange factor 2 OS=Mus musculus GN=Rapgef2 PE=1 SV=2
P28028	Braf	1.047250213	0.066606178	0.677577897	0.169040769	Serine/threonine-protein kinase B-raf OS=Mus musculus GN=Braf PE=1 SV=3
Q9R1P4	Psma1	0.977568952	-0.032729629	0.677621391	0.169012893	Proteasome subunit alpha type-1 OS=Mus musculus GN=Psma1 PE=1 SV=1
P29341	Pabpc1	0.980364243	-0.02861023	0.678175363	0.168657992	Polyadenylate-binding protein 1 OS=Mus musculus GN=Pabpc1 PE=1 SV=2
Q6PAR5-4	Gapvd1	1.028427432	0.040439998	0.678257254	0.168605553	Isoform 4 of GTPase-activating protein and VPS9 domain-containing protein 1 OS=Mus musculus GN=Gapvd1
Q8K394	Plcl2	1.023716892	0.033816795	0.67834866	0.168547028	Inactive phospholipase C-like protein 2 OS=Mus musculus GN=Plcl2 PE=1 SV=2
Q9Z2G6-2	Sel1l	1.033714673	0.047838026	0.679834965	0.167596503	Isoform 2 of Protein sel-1 homolog 1 OS=Mus musculus GN=Sel1l
Q99NB8	Ubqln4	0.952088071	-0.070833062	0.680443434	0.167207973	Ubiquilin-4 OS=Mus musculus GN=Ubqln4 PE=1 SV=1
Q99K70-2	Rragc	1.050204405	0.070670152	0.680781082	0.166992521	Isoform 2 of Ras-related GTP-binding protein C OS=Mus musculus GN=Rragc
P62806	Hist1h4a	0.976207352	-0.034740477	0.681282866	0.166672534	Histone H4 OS=Mus musculus GN=Hist1h4a PE=1 SV=2
Q9Z0Y1	Dctn3	0.981449447	-0.027014136	0.683637071	0.165174395	Dynactin subunit 3 OS=Mus musculus GN=Dctn3 PE=2 SV=2
Q9WUB3	Pygm	1.013301876	0.019064036	0.683800786	0.165070404	Glycogen phosphorylase, muscle form OS=Mus musculus GN=Pygm PE=1 SV=3
O88653	Lamtor3	0.975825526	-0.035304873	0.684277197	0.164767933	Ragulator complex protein LAMTOR3 OS=Mus musculus GN=Lamtor3 PE=1 SV=1
Q8BIZ1-4	Anks1b	1.037722905	0.053421264	0.684317733	0.164742206	Isoform 4 of Ankyrin repeat and sterile alpha motif domain-containing protein 1B OS=Mus musculus GN=Anks1b
Q80V91	Dtx3	1.043165811	0.060968492	0.68751403	0.162718435	Probable E3 ubiquitin-protein ligase DTX3 OS=Mus musculus GN=Dtx3 PE=2 SV=2
Q91YQ5	Rpn1	0.96373845	-0.05328643	0.68772541	0.162584929	Dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit 1 OS=Mus musculus GN=Rpn1 PE=1 SV=1
Q9DB29	Iah1	0.978987375	-0.03063784	0.687858159	0.162501107	Isoamyl acetate-hydrolyzing esterase 1 homolog OS=Mus musculus GN=Iah1 PE=1 SV=1
Q62178	Sema4a	1.058208002	0.081623233	0.68789189	0.16247981	Semaphorin-4A OS=Mus musculus GN=Sema4a PE=1 SV=2
Q9D7N3	Mrps9	1.120727544	0.164435592	0.687899084	0.162475269	28S ribosomal protein S9, mitochondrial OS=Mus musculus GN=Mrps9 PE=2 SV=3
Q8BFQ4	Wdr82	1.044466522	0.062766251	0.688257049	0.162249332	WD repeat-containing protein 82 OS=Mus musculus GN=Wdr82 PE=1 SV=1
A6H5Z3-2	Exoc6b	0.628681178	-0.669599524	0.688854462	0.161872524	Isoform 2 of Exocyst complex component 6B OS=Mus musculus GN=Exoc6b
Q8JZS0	Lin7a	0.985258347	-0.021426029	0.689432301	0.161508373	Protein lin-7 homolog A OS=Mus musculus GN=Lin7a PE=1 SV=2
Q6PGL7	Fam21	1.046762502	0.065934149	0.689580475	0.161415044	WASH complex subunit FAM21 OS=Mus musculus GN=Fam21 PE=1 SV=1
Q64010	Crk	1.031010718	0.04405933	0.691307187	0.160328928	Adapter molecule crk OS=Mus musculus GN=Crk PE=1 SV=1
O54991	Cntnap1	1.052173439	0.073372536	0.691599953	0.160145045	Contactin-associated protein 1 OS=Mus musculus GN=Cntnap1 PE=2 SV=2
Q8CH77	Nav1	1.028233886	0.040168462	0.692225147	0.159752628	Neuron navigator 1 OS=Mus musculus GN=Nav1 PE=1 SV=2
P45377	Akr1b8	0.909414758	-0.136989678	0.692604205	0.159514876	Aldose reductase-related protein 2 OS=Mus musculus GN=Akr1b8 PE=1 SV=2
Q8BYP3	Rhof	0.973629135	-0.038555754	0.69269235	0.159459609	Rho-related GTP-binding protein RhoF OS=Mus musculus GN=Rhof PE=2 SV=1
Q8BIZ1-5	Anks1b	1.036692812	0.051988465	0.693223221	0.159126898	Isoform 5 of Ankyrin repeat and sterile alpha motif domain-containing protein 1B OS=Mus musculus GN=Anks1b
Q9CQV1	Pam16	0.977009003	-0.033556238	0.693262612	0.159102221	Mitochondrial import inner membrane translocase subunit TIM16 OS=Mus musculus GN=Pam16 PE=2 SV=1
P47791	Gsr	0.946298104	-0.07963336	0.694517984	0.158316504	Glutathione reductase, mitochondrial OS=Mus musculus GN=Gsr PE=1 SV=3
Q6PAJ1	Bcr	1.032625322	0.046316881	0.695073503	0.157969267	Breakpoint cluster region protein OS=Mus musculus GN=Bcr PE=1 SV=3
Q3TKT4	Smarca4	0.938292561	-0.091890267	0.695093431	0.157956816	Transcription activator BRG1 OS=Mus musculus GN=Smarca4 PE=1 SV=1
Q6ZQ08-4	Cnot1	0.96951297	-0.044667897	0.696164562	0.157288088	Isoform 4 of CCR4-NOT transcription complex subunit 1 OS=Mus musculus GN=Cnot1
Q9CXY6	Ilf2	0.987676689	-0.017889235	0.696253098	0.157232859	Interleukin enhancer-binding factor 2 OS=Mus musculus GN=Ilf2 PE=1 SV=1
Q9D7A6	Srp19	0.97152178	-0.041681756	0.696545106	0.157050755	Signal recognition particle 19 kDa protein OS=Mus musculus GN=Srp19 PE=2 SV=1
Q6PEV3	Wipf2	1.048524028	0.068359922	0.6974542	0.156484306	WAS/WASL-interacting protein family member 2 OS=Mus musculus GN=Wipf2 PE=2 SV=1
O88745	Scrg1	1.018337426	0.026215677	0.698422836	0.155881569	Scrapie-responsive protein 1 OS=Mus musculus GN=Scrg1 PE=2 SV=1
Q9WTM5	Ruvbl2	0.975290617	-0.036095918	0.69935869	0.155300024	RuvB-like 2 OS=Mus musculus GN=Ruvbl2 PE=2 SV=3
P17427	Ap2a2	1.017349551	0.02481546	0.699729311	0.155069933	AP-2 complex subunit alpha-2 OS=Mus musculus GN=Ap2a2 PE=1 SV=2
Q9EST5	Anp32b	0.973605478	-0.038590809	0.699732904	0.155067703	Acidic leucine-rich nuclear phosphoprotein 32 family member B OS=Mus musculus GN=Anp32b PE=1 SV=1
Q9CWS0	Ddah1	0.97565404	-0.035558426	0.701673774	0.153864756	N(G),N(G)-dimethylarginine dimethylaminohydrolase 1 OS=Mus musculus GN=Ddah1 PE=1 SV=3
Q9D0L8-3	Rnmt	1.012307161	0.017647109	0.702016368	0.153652762	Isoform 3 of mRNA cap guanine-N7 methyltransferase OS=Mus musculus GN=Rnmt
O35286	Dhx15	1.024290037	0.034624285	0.70271347	0.153221721	Putative pre-mRNA-splicing factor ATP-dependent RNA helicase DHX15 OS=Mus musculus GN=Dhx15 PE=2 SV=2
Q03173-4	Enah	0.955619291	-0.065492117	0.703556104	0.152701265	Isoform 3 of Protein enabled homolog OS=Mus musculus GN=Enah
Q8VC57	Kctd5	0.954204411	-0.06762974	0.703880081	0.152501325	BTB/POZ domain-containing protein KCTD5 OS=Mus musculus GN=Kctd5 PE=2 SV=1
Q9DBZ5	Eif3k	0.984920179	-0.021921286	0.704029655	0.152409047	Eukaryotic translation initiation factor 3 subunit K OS=Mus musculus GN=Eif3k PE=1 SV=1
Q61239	Fnta	1.054869636	0.077064718	0.704411719	0.152173427	Protein farnesyltransferase/geranylgeranyltransferase type-1 subunit alpha OS=Mus musculus GN=Fnta PE=1 SV=1
Q9JKK7-2	Tmod2	1.018532748	0.026492367	0.704868658	0.1518918	Isoform 2 of Tropomodulin-2 OS=Mus musculus GN=Tmod2
P19324	Serpinh1	1.044552599	0.062885142	0.705651723	0.151409594	Serpin H1 OS=Mus musculus GN=Serpinh1 PE=1 SV=3
Q9CQE1	Nipsnap3b	1.031325595	0.044499871	0.706008584	0.151190018	Protein NipSnap homolog 3B OS=Mus musculus GN=Nipsnap3b PE=1 SV=1
Q8R164	Bphl	1.042118416	0.05951922	0.707052394	0.150548403	Valacyclovir hydrolase OS=Mus musculus GN=Bphl PE=1 SV=1
P60335	Pcbp1	0.986763577	-0.019223631	0.707821899	0.150076005	Poly(rC)-binding protein 1 OS=Mus musculus GN=Pcbp1 PE=1 SV=1
Q8K0D5	Gfm1	0.948351941	-0.07650554	0.708124689	0.149890264	Elongation factor G, mitochondrial OS=Mus musculus GN=Gfm1 PE=2 SV=1
Q8BFY6	Pef1	1.059509427	0.083396424	0.708639462	0.149574667	Peflin OS=Mus musculus GN=Pef1 PE=2 SV=1
P63318	Prkcg	0.990251902	-0.014132528	0.708988027	0.149361099	Protein kinase C gamma type OS=Mus musculus GN=Prkcg PE=1 SV=1
Q8R5J9	Arl6ip5	1.027981381	0.039814134	0.709096106	0.1492949	PRA1 family protein 3 OS=Mus musculus GN=Arl6ip5 PE=1 SV=2
P43274	Hist1h1e	1.018744744	0.026792615	0.709586956	0.148994377	Histone H1.4 OS=Mus musculus GN=Hist1h1e PE=1 SV=2
P60764	Rac3	0.987618724	-0.017973906	0.709602879	0.148984631	Ras-related C3 botulinum toxin substrate 3 OS=Mus musculus GN=Rac3 PE=1 SV=1
P52479	Usp10	0.946525593	-0.079286579	0.710151862	0.14864877	Ubiquitin carboxyl-terminal hydrolase 10 OS=Mus musculus GN=Usp10 PE=1 SV=3
Q9JMA1	Usp14	1.00841978	0.012096321	0.710595554	0.148377514	Ubiquitin carboxyl-terminal hydrolase 14 OS=Mus musculus GN=Usp14 PE=1 SV=3
Q9CS42	Prps2	1.015103888	0.021627384	0.711081999	0.148080315	Ribose-phosphate pyrophosphokinase 2 OS=Mus musculus GN=Prps2 PE=1 SV=4
P49615	Cdk5	1.011787689	0.016906591	0.712439813	0.147251819	Cyclin-dependent kinase 5 OS=Mus musculus GN=Cdk5 PE=1 SV=1
P43277	Hist1h1d	1.015908056	0.022769839	0.712877375	0.146985169	Histone H1.3 OS=Mus musculus GN=Hist1h1d PE=1 SV=2
Q8C854	Myef2	1.00644366	0.009266413	0.713215843	0.146779018	Myelin expression factor 2 OS=Mus musculus GN=Myef2 PE=1 SV=1
P15864	Hist1h1c	1.01587439	0.022722028	0.713485086	0.1466151	Histone H1.2 OS=Mus musculus GN=Hist1h1c PE=1 SV=2
P97372	Psme2	0.943305363	-0.084203225	0.713726471	0.146468196	Proteasome activator complex subunit 2 OS=Mus musculus GN=Psme2 PE=2 SV=4
Q8BFU3-4	Rnf214	1.029318236	0.041689092	0.713935569	0.146340981	Isoform 4 of RING finger protein 214 OS=Mus musculus GN=Rnf214
Q9CZ44-2	Nsfl1c	1.016220338	0.023213243	0.713967022	0.146321848	Isoform 2 of NSFL1 cofactor p47 OS=Mus musculus GN=Nsfl1c
P23591	Tsta3	1.033991135	0.048223816	0.71398389	0.146311587	GDP-L-fucose synthase OS=Mus musculus GN=Tsta3 PE=2 SV=3
Q8BH04	Pck2	0.963715646	-0.053320567	0.715072989	0.145649627	Phosphoenolpyruvate carboxykinase [GTP], mitochondrial OS=Mus musculus GN=Pck2 PE=1 SV=1
Q9Z218	Dpp6	0.987054778	-0.018797943	0.715135498	0.145611664	Dipeptidyl aminopeptidase-like protein 6 OS=Mus musculus GN=Dpp6 PE=1 SV=1
P60605	Ube2g2	0.973418178	-0.038868379	0.71572925	0.145251234	Ubiquitin-conjugating enzyme E2 G2 OS=Mus musculus GN=Ube2g2 PE=1 SV=1
Q9D289	Trappc6b	0.969586798	-0.04455804	0.71604808	0.145057816	Trafficking protein particle complex subunit 6B OS=Mus musculus GN=Trappc6b PE=2 SV=1
O08842	Gfra2	1.066949991	0.093492558	0.717710553	0.144050668	GDNF family receptor alpha-2 OS=Mus musculus GN=Gfra2 PE=2 SV=2
Q80Y24	Prickle2	0.569072165	-0.81331648	0.717743261	0.144030876	Prickle-like protein 2 OS=Mus musculus GN=Prickle2 PE=1 SV=3
Q99JT2	Mst4	1.01983646	0.028337821	0.717771394	0.144013854	Serine/threonine-protein kinase MST4 OS=Mus musculus GN=Mst4 PE=2 SV=1
O88384	Vti1b	1.038440379	0.054418388	0.719019842	0.143259125	Vesicle transport through interaction with t-SNAREs homolog 1B OS=Mus musculus GN=Vti1b PE=1 SV=1
Q9QXK3	Copg2	0.984861355	-0.022007453	0.719442838	0.143003706	Coatomer subunit gamma-2 OS=Mus musculus GN=Copg2 PE=2 SV=1
P14131	Rps16	1.045860287	0.06469014	0.719711747	0.142841409	40S ribosomal protein S16 OS=Mus musculus GN=Rps16 PE=2 SV=4
Q9CTY5	Micu3	0.972238922	-0.040617204	0.720377799	0.14243968	Calcium uptake protein 3, mitochondrial OS=Mus musculus GN=Micu3 PE=2 SV=2
Q3TFQ1	Spryd7	1.032460778	0.046086976	0.722120144	0.14139054	SPRY domain-containing protein 7 OS=Mus musculus GN=Spryd7 PE=2 SV=2
Q99LP6	Grpel1	1.015622499	0.02236426	0.722690327	0.141047758	GrpE protein homolog 1, mitochondrial OS=Mus musculus GN=Grpel1 PE=1 SV=1
Q61316	Hspa4	0.985645067	-0.020859872	0.723741268	0.140416663	Heat shock 70 kDa protein 4 OS=Mus musculus GN=Hspa4 PE=1 SV=1
Q8C460-3	Eri3	0.975909562	-0.035180636	0.724645008	0.139874695	Isoform 3 of ERI1 exoribonuclease 3 OS=Mus musculus GN=Eri3
P56394	Cox17	0.981520297	-0.026909993	0.725545265	0.139335488	Cytochrome c oxidase copper chaperone OS=Mus musculus GN=Cox17 PE=3 SV=2
P60843	Eif4a1	0.986890184	-0.019038537	0.725950583	0.139092942	Eukaryotic initiation factor 4A-I OS=Mus musculus GN=Eif4a1 PE=1 SV=1
Q7TT37	Ikbkap	0.951727642	-0.071379321	0.726029964	0.139045455	Elongator complex protein 1 OS=Mus musculus GN=Ikbkap PE=2 SV=2
Q3UHD9	Agap2	1.019606706	0.028012767	0.726700427	0.138644585	Arf-GAP with GTPase, ANK repeat and PH domain-containing protein 2 OS=Mus musculus GN=Agap2 PE=2 SV=1
Q8C437-4	Pex5l	0.967027051	-0.048371847	0.72678157	0.138596094	Isoform 4 of PEX5-related protein OS=Mus musculus GN=Pex5l
Q9ZQG2	Srpk3	0.980851464	-0.027893418	0.7271322	0.138386623	SRSF protein kinase 3 OS=Mus musculus GN=Srpk3 PE=2 SV=1
Q9Z2M7	Pmm2	0.957191058	-0.063121176	0.727134295	0.138385372	Phosphomannomutase 2 OS=Mus musculus GN=Pmm2 PE=1 SV=1
Q9DBR3-3	Armc8	0.873688628	-0.194808883	0.727278263	0.138299393	Isoform 3 of Armadillo repeat-containing protein 8 OS=Mus musculus GN=Armc8
Q9Z2A0	Pdpk1	0.97388443	-0.038177515	0.728019435	0.137857026	3-phosphoinositide-dependent protein kinase 1 OS=Mus musculus GN=Pdpk1 PE=1 SV=2
P46656	Fdx1	1.033123791	0.047013131	0.728528673	0.137553351	Adrenodoxin, mitochondrial OS=Mus musculus GN=Fdx1 PE=1 SV=1
P35803	Gpm6b	1.02490799	0.035494399	0.729257708	0.137118972	Neuronal membrane glycoprotein M6-b OS=Mus musculus GN=Gpm6b PE=1 SV=2
Q68FE6	Fam65a	0.971115835	-0.042284703	0.729553238	0.136943011	Protein FAM65A OS=Mus musculus GN=Fam65a PE=1 SV=2
Q9EQQ9-2	Mgea5	0.971558732	-0.041626884	0.730237541	0.136535844	Isoform 2 of Bifunctional protein NCOAT OS=Mus musculus GN=Mgea5
Q68ED2	Grm7	0.871679761	-0.198129883	0.731751958	0.135636107	Metabotropic glutamate receptor 7 OS=Mus musculus GN=Grm7 PE=2 SV=1
Q8C8N2	Scai	1.016905306	0.024185341	0.731900592	0.135547902	Protein SCAI OS=Mus musculus GN=Scai PE=1 SV=2
Q9QYC0-2	Add1	1.012913311	0.018510708	0.73214978	0.135400064	Isoform 2 of Alpha-adducin OS=Mus musculus GN=Add1
Q6ZPF3-3	Tiam2	1.032586183	0.046262199	0.732637304	0.135110972	Isoform 3 of T-lymphoma invasion and metastasis-inducing protein 2 OS=Mus musculus GN=Tiam2
Q6PH08-4	Erc2	1.036056778	0.051103068	0.733094248	0.134840188	Isoform 4 of ERC protein 2 OS=Mus musculus GN=Erc2
Q62351	Tfrc	1.019453916	0.027796561	0.733257333	0.134743585	Transferrin receptor protein 1 OS=Mus musculus GN=Tfrc PE=1 SV=1
Q99KJ8	Dctn2	1.008413355	0.01208713	0.733281032	0.134729549	Dynactin subunit 2 OS=Mus musculus GN=Dctn2 PE=1 SV=3
Q9CPX6	Atg3	1.030537137	0.043396496	0.734249704	0.13415622	Ubiquitin-like-conjugating enzyme ATG3 OS=Mus musculus GN=Atg3 PE=1 SV=1
Q9CY58-4	Serbp1	1.032036476	0.045493962	0.734762425	0.133853061	Isoform 4 of Plasminogen activator inhibitor 1 RNA-binding protein OS=Mus musculus GN=Serbp1
Q3UGY8	Arfgef3	1.038855034	0.054994349	0.735518933	0.133406144	Brefeldin A-inhibited guanine nucleotide-exchange protein 3 OS=Mus musculus GN=Arfgef3 PE=1 SV=1
Q8CE50	Snx30	0.972272567	-0.040567279	0.73563109	0.133339924	Sorting nexin-30 OS=Mus musculus GN=Snx30 PE=2 SV=1

Accession	Gene	Fold Change (KO vs. WT)	Log2 Fold Change	Students T Test	-Log10 T Test	Description
Q9CQQ8	Lsm7	1.028533802	0.040589208	0.736297994	0.132946382	U6 snRNA-associated Sm-like protein LSm7 OS=Mus musculus GN=Lsm7 PE=3 SV=1
O70274	Ptp4a2	1.059642096	0.083577063	0.736591387	0.132773364	Protein tyrosine phosphatase type IVA 2 OS=Mus musculus GN=Ptp4a2 PE=1 SV=1
Q80Z24	Negr1	1.008263979	0.011873409	0.737043656	0.132506788	Neuronal growth regulator 1 OS=Mus musculus GN=Negr1 PE=1 SV=1
Q3TXU5	Dhps	1.035142776	0.049829771	0.737138332	0.132451004	Deoxyhypusine synthase OS=Mus musculus GN=Dhps PE=2 SV=2
Q99P58	Rab27b	1.043213519	0.06103447	0.737608084	0.132174332	Ras-related protein Rab-27B OS=Mus musculus GN=Rab27b PE=1 SV=3
P99028	Uqcrh	1.033378581	0.047368886	0.737913552	0.131994514	Cytochrome b-c1 complex subunit 6, mitochondrial OS=Mus musculus GN=Uqcrh PE=1 SV=2
Q9EQ80	Nif3l1	1.033841561	0.048015106	0.738053634	0.131912077	Putative GTP cyclohydrolase 1 type 2 Nif3l1 OS=Mus musculus GN=Nif3l1 PE=1 SV=4
P19157	Gstp1	0.986948792	-0.018952862	0.738244496	0.131799782	Glutathione S-transferase P 1 OS=Mus musculus GN=Gstp1 PE=1 SV=2
Q921H9	Coa7	0.937357886	-0.093328116	0.738866835	0.131433827	Cytochrome c oxidase assembly factor 7 OS=Mus musculus GN=Coa7 PE=2 SV=1
P35803-3	Gpm6b	1.021656521	0.030910246	0.738909043	0.131409018	Isoform 3 of Neuronal membrane glycoprotein M6-b OS=Mus musculus GN=Gpm6b
P04627	Araf	0.975169326	-0.036275349	0.739140812	0.131272817	Serine/threonine-protein kinase A-Raf OS=Mus musculus GN=Araf PE=2 SV=2
Q8C3F2	Fam120c	0.97860622	-0.031199642	0.739593758	0.131006763	Constitutive coactivator of PPAR-gamma-like protein 2 OS=Mus musculus GN=Fam120c PE=2 SV=3
Q9DB27	Mcts1	1.006321488	0.009091274	0.73960836	0.130998188	Malignant T-cell-amplified sequence 1 OS=Mus musculus GN=Mcts1 PE=2 SV=1
Q8BLF1	Nceh1	0.960212263	-0.058574733	0.740850946	0.13026916	Neutral cholesterol ester hydrolase 1 OS=Mus musculus GN=Nceh1 PE=1 SV=1
Q9WTT4	Atp6v1g2	1.038276959	0.054191332	0.741140046	0.13009972	V-type proton ATPase subunit G 2 OS=Mus musculus GN=Atp6v1g2 PE=2 SV=1
Q99MN1	Kars	1.043539958	0.061485843	0.741214547	0.130056066	Lysine--tRNA ligase OS=Mus musculus GN=Kars PE=1 SV=1
Q9Z1D1	Eif3g	0.987868841	-0.017608587	0.741484162	0.129898121	Eukaryotic translation initiation factor 3 subunit G OS=Mus musculus GN=Eif3g PE=1 SV=2
Q6P9K8-4	Caskin1	0.967530684	-0.04762068	0.742522116	0.129290607	Isoform 4 of Caskin-1 OS=Mus musculus GN=Caskin1
Q8K3W0-4	Bre	1.026530226	0.037776107	0.743933351	0.128465971	Isoform 3 of BRCA1-A complex subunit BRE OS=Mus musculus GN=Bre
Q9WV18	Gabbr1	1.018112744	0.025897332	0.744676061	0.128032607	Gamma-aminobutyric acid type B receptor subunit 1 OS=Mus musculus GN=Gabbr1 PE=1 SV=1
O08807	Prdx4	0.971497985	-0.041717091	0.744728591	0.128001973	Peroxiredoxin-4 OS=Mus musculus GN=Prdx4 PE=1 SV=1
A2A5R2	Arfgef2	1.017209002	0.024616135	0.74501987	0.127832145	Brefeldin A-inhibited guanine nucleotide-exchange protein 2 OS=Mus musculus GN=Arfgef2 PE=1 SV=1
Q9QUI0	Rhoa	0.98415957	-0.023035844	0.745258642	0.127692979	Transforming protein RhoA OS=Mus musculus GN=Rhoa PE=1 SV=1
Q99KY4	Gak	0.975641102	-0.035577558	0.74526256	0.127690696	Cyclin-G-associated kinase OS=Mus musculus GN=Gak PE=1 SV=2
P30999-3	Ctnnd1	0.981282177	-0.027260038	0.745460054	0.127575623	Isoform 3 of Catenin delta-1 OS=Mus musculus GN=Ctnnd1
B0V2N1-3	Ptprs	0.968563051	-0.046082127	0.745460219	0.127575527	Isoform 3 of Receptor-type tyrosine-protein phosphatase S OS=Mus musculus GN=Ptprs
Q9QXG2	Chm	0.948894644	-0.075680182	0.745478087	0.127565118	Rab proteins geranylgeranyltransferase component A 1 OS=Mus musculus GN=Chm PE=2 SV=1
O35638	Stag2	1.23857868	0.308685518	0.74644663	0.127001238	Cohesin subunit SA-2 OS=Mus musculus GN=Stag2 PE=1 SV=3
P58854	Tubgcp3	0.96655663	-0.049073833	0.746481555	0.126980919	Gamma-tubulin complex component 3 OS=Mus musculus GN=Tubgcp3 PE=2 SV=2
P55302	Lrpap1	0.985887745	-0.020504707	0.746688529	0.126860521	Alpha-2-macroglobulin receptor-associated protein OS=Mus musculus GN=Lrpap1 PE=1 SV=1
Q8BHS8-3	Sybu	0.971133174	-0.042258945	0.747318561	0.126494231	Isoform 3 of Syntabulin OS=Mus musculus GN=Sybu
Q9QXK3-4	Copg2	0.985484808	-0.021094464	0.747982687	0.126108454	Isoform 4 of Coatomer subunit gamma-2 OS=Mus musculus GN=Copg2
Q8BM72	Hspa13	1.022727273	0.032421478	0.748446598	0.125839181	Heat shock 70 kDa protein 13 OS=Mus musculus GN=Hspa13 PE=2 SV=1
Q8VHH5-2	Agap3	0.938754171	-0.091180683	0.748488094	0.125815103	Isoform 2 of Arf-GAP with GTPase, ANK repeat and PH domain-containing protein 3 OS=Mus musculus GN=Agap3
Q8C6G8	Wdr26	1.050502494	0.071079587	0.748542524	0.125783523	WD repeat-containing protein 26 OS=Mus musculus GN=Wdr26 PE=2 SV=3
O70589-2	Cask	1.024334607	0.03468706	0.748594031	0.12575364	Isoform 2 of Peripheral plasma membrane protein CASK OS=Mus musculus GN=Cask
P68033	Actc1	1.007939634	0.011409238	0.749025826	0.125503208	Actin, alpha cardiac muscle 1 OS=Mus musculus GN=Actc1 PE=1 SV=1
Q9Z1B3	Plcb1	1.007837381	0.011262873	0.749123	0.125446869	1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase beta-1 OS=Mus musculus GN=Plcb1 PE=2 SV=2
Q8BIE6	Frmd4a	0.973839662	-0.038243835	0.749205936	0.12539879	FERM domain-containing protein 4A OS=Mus musculus GN=Frmd4a PE=1 SV=2
Q6A065-2	Cep170	1.052299665	0.073545602	0.749249308	0.12537365	Isoform 2 of Centrosomal protein of 170 kDa OS=Mus musculus GN=Cep170
P15508	Sptb	0.986230277	-0.020003551	0.749894839	0.124999636	Spectrin beta chain, erythrocytic OS=Mus musculus GN=Sptb PE=1 SV=4
Q9CWH6	Psma8	1.010425706	0.014963247	0.751017528	0.124349927	Proteasome subunit alpha type-7-like OS=Mus musculus GN=Psma8 PE=2 SV=1
Q8R2V5	Adap2	0.982272024	-0.025805484	0.752262028	0.123630859	Arf-GAP with dual PH domain-containing protein 2 OS=Mus musculus GN=Adap2 PE=2 SV=1
Q06335	Aplp2	1.02200395	0.031400772	0.752335188	0.123588625	Amyloid-like protein 2 OS=Mus musculus GN=Aplp2 PE=1 SV=4
O88485-2	Dync1i1	1.015565313	0.022283025	0.752427418	0.123535388	Isoform 1B of Cytoplasmic dynein 1 intermediate chain 1 OS=Mus musculus GN=Dync1i1
O08529	Capn2	1.01326013	0.019004599	0.752805533	0.123317198	Calpain-2 catalytic subunit OS=Mus musculus GN=Capn2 PE=2 SV=4
O35621	Pmm1	1.010806213	0.015506437	0.753489719	0.122922669	Phosphomannomutase 1 OS=Mus musculus GN=Pmm1 PE=1 SV=1
Q60996-3	Ppp2r5c	0.983679444	-0.02373984	0.753905434	0.122683126	Isoform 3 of Serine/threonine-protein phosphatase 2A 56 kDa regulatory subunit gamma isoform OS=Mus musculus GN=Ppp2r5c
O88448	Klc2	0.985926876	-0.020447446	0.754180489	0.122524707	Kinesin light chain 2 OS=Mus musculus GN=Klc2 PE=1 SV=1
P48771	Cox7a2	1.03792951	0.053708467	0.754996471	0.122055079	Cytochrome c oxidase subunit 7A2, mitochondrial OS=Mus musculus GN=Cox7a2 PE=1 SV=2
P51150	Rab7a	1.009669648	0.013883338	0.755112345	0.121988429	Ras-related protein Rab-7a OS=Mus musculus GN=Rab7a PE=1 SV=2
Q9WVK4	Ehd1	0.992282688	-0.011176911	0.75637053	0.121265401	EH domain-containing protein 1 OS=Mus musculus GN=Ehd1 PE=1 SV=1
Q8CGZ0	Cherp	0.925322913	-0.111971179	0.756619759	0.121122321	Calcium homeostasis endoplasmic reticulum protein OS=Mus musculus GN=Cherp PE=1 SV=1
Q63932	Map2k2	1.011491327	0.016483949	0.757042242	0.120879887	Dual specificity mitogen-activated protein kinase kinase 2 OS=Mus musculus GN=Map2k2 PE=1 SV=2
P63037	Dnaja1	1.024177229	0.034465389	0.758195971	0.120218528	DnaJ homolog subfamily A member 1 OS=Mus musculus GN=Dnaja1 PE=1 SV=1
Q91XL9-3	Osbpl1a	1.012527047	0.017960447	0.758435228	0.120081503	Isoform 3 of Oxysterol-binding protein-related protein 1 OS=Mus musculus GN=Osbpl1a
Q8BG18	Necab1	1.063454039	0.088757683	0.758893257	0.119819306	N-terminal EF-hand calcium-binding protein 1 OS=Mus musculus GN=Necab1 PE=1 SV=1
Q8R3S6	Exoc1	0.969096045	-0.045288439	0.759334167	0.119567058	Exocyst complex component 1 OS=Mus musculus GN=Exoc1 PE=1 SV=4
Q3UMR5	Mcu	1.021990808	0.03138222	0.759541811	0.119448314	Calcium uniporter protein, mitochondrial OS=Mus musculus GN=Mcu PE=1 SV=2
Q99MI1	Erc1	0.978713012	-0.031042214	0.759725123	0.119343512	ELKS/Rab6-interacting/CAST family member 1 OS=Mus musculus GN=Erc1 PE=1 SV=1
Q9ZOH8	Clip2	1.007818499	0.011235843	0.7604233	0.118944584	CAP-Gly domain-containing linker protein 2 OS=Mus musculus GN=Clip2 PE=1 SV=2
Q99KN9	Clint1	1.030310963	0.04307983	0.760965704	0.118634916	Clathrin interactor 1 OS=Mus musculus GN=Clint1 PE=1 SV=2
Q60875-5	Arhgef2	1.019819435	0.028313738	0.761091654	0.11856304	Isoform 5 of Rho guanine nucleotide exchange factor 2 OS=Mus musculus GN=Arhgef2
Q5FWH7	Slc39a12	0.931037474	-0.103088858	0.762681122	0.117657003	Zinc transporter ZIP12 OS=Mus musculus GN=Slc39a12 PE=2 SV=1
Q80X85	Mrps7	1.019129924	0.027337986	0.762824368	0.117575442	28S ribosomal protein S7, mitochondrial OS=Mus musculus GN=Mrps7 PE=2 SV=1
Q8BMK4	Ckap4	0.991212803	-0.012733273	0.762948134	0.117504985	Cytoskeleton-associated protein 4 OS=Mus musculus GN=Ckap4 PE=1 SV=2
P07310	Ckm	0.945607445	-0.0806867	0.763741326	0.117053709	Creatine kinase M-type OS=Mus musculus GN=Ckm PE=1 SV=1
O08586	Pten	0.979525161	-0.029845543	0.76427351	0.116751193	Phosphatidylinositol 3,4,5-trisphosphate 3-phosphatase and dual-specificity protein phosphatase PTEN OS=Mus musculus GN=Pten PE=1 SV=1
P62309	Snrpg	1.02707022	0.038534821	0.764645232	0.116540015	Small nuclear ribonucleoprotein G OS=Mus musculus GN=Snrpg PE=1 SV=1
Q8VED9	Lgalsl	0.982390006	-0.025632211	0.764884552	0.11640411	Galectin-related protein OS=Mus musculus GN=Lgalsl PE=2 SV=1
Q8C7M3-3	Trim9	1.020925242	0.029877227	0.765642138	0.115974173	Isoform 3 of E3 ubiquitin-protein ligase TRIM9 OS=Mus musculus GN=Trim9
Q9ERR7	Sep15	1.028705373	0.040829846	0.766848943	0.115290176	15 kDa selenoprotein OS=Mus musculus GN=Sep15 PE=1 SV=3
Q9ERT9	Ppp1r1a	0.977686625	-0.032555978	0.767748893	0.114780801	Protein phosphatase 1 regulatory subunit 1A OS=Mus musculus GN=Ppp1r1a PE=2 SV=1
Q3UTJ2-4	Sorbs2	1.0430917	0.060865993	0.767762566	0.114773067	Isoform 4 of Sorbin and SH3 domain-containing protein 2 OS=Mus musculus GN=Sorbs2
Q61035	Hars	0.980188136	-0.02886941	0.767973109	0.114653987	Histidine--tRNA ligase, cytoplasmic OS=Mus musculus GN=Hars PE=2 SV=2
P61027	Rab10	1.015835882	0.02266734	0.768330044	0.114452184	Ras-related protein Rab-10 OS=Mus musculus GN=Rab10 PE=1 SV=1
P97823	Lypla1	0.923505384	-0.114807722	0.768710636	0.11423711	Acyl-protein thioesterase 1 OS=Mus musculus GN=Lypla1 PE=1 SV=1
P62305	Snrpe	0.962690952	-0.054855364	0.769389832	0.113853558	Small nuclear ribonucleoprotein E OS=Mus musculus GN=Snrpe PE=2 SV=1
P0CG49	Ubb	1.019618318	0.028029197	0.770111495	0.113446394	Polyubiquitin-B OS=Mus musculus GN=Ubb PE=2 SV=1
Q61627	Grid1	0.980959463	-0.027734575	0.770764929	0.113078054	Glutamate receptor ionotropic, delta-1 OS=Mus musculus GN=Grid1 PE=1 SV=2
Q60870	Reep5	0.976580983	-0.034188411	0.770968751	0.112963224	Receptor expression-enhancing protein 5 OS=Mus musculus GN=Reep5 PE=1 SV=1
P36993-3	Ppm1b	1.031730652	0.045066383	0.77298953	0.111826388	Isoform Beta-3 of Protein phosphatase 1B OS=Mus musculus GN=Ppm1b
Q6PHZ8-3	Kcnip4	0.973933655	-0.038104597	0.77303895	0.111798624	Isoform 3 of Kv channel-interacting protein 4 OS=Mus musculus GN=Kcnip4
Q6PDG5	Smarcc2	1.017732656	0.025358636	0.773090203	0.11176983	SWI/SNF complex subunit SMARCC2 OS=Mus musculus GN=Smarcc2 PE=1 SV=2
Q9JI46	Nudt3	0.96975384	-0.044309512	0.773313902	0.111644182	Diphosphoinositol polyphosphate phosphohydrolase 1 OS=Mus musculus GN=Nudt3 PE=1 SV=1
Q9WTX6	Cul1	0.988840663	-0.016190025	0.773718294	0.111417134	Cullin-1 OS=Mus musculus GN=Cul1 PE=1 SV=1
Q922D8	Mthfd1	0.990134397	-0.014303731	0.774022249	0.111246556	C-1-tetrahydrofolate synthase, cytoplasmic OS=Mus musculus GN=Mthfd1 PE=1 SV=4
P62855	Rps26	0.981658829	-0.026706386	0.774231921	0.111128927	40S ribosomal protein S26 OS=Mus musculus GN=Rps26 PE=2 SV=3
Q99NF2-3	Nsmf	0.983657467	-0.023772072	0.774254536	0.111116242	Isoform 3 of NMDA receptor synaptonuclear signaling and neuronal migration factor OS=Mus musculus GN=Nsmf
Q00262	Stx2	1.051343071	0.072233522	0.774777851	0.110822803	Syntaxin-2 OS=Mus musculus GN=Stx2 PE=1 SV=1
Q8K3C3	Lzic	1.004785549	0.00688762	0.775063977	0.110662447	Protein LZIC OS=Mus musculus GN=Lzic PE=1 SV=1
Q8VH51	Rbm39	0.983603548	-0.023851156	0.775649805	0.110334312	RNA-binding protein 39 OS=Mus musculus GN=Rbm39 PE=1 SV=2
Q8CCT4	Tceal5	0.970872655	-0.042646019	0.775725049	0.110292185	Transcription elongation factor A protein-like 5 OS=Mus musculus GN=Tceal5 PE=1 SV=1
O08784	Tcof1	1.094747683	0.130598396	0.776182482	0.110036163	Treacle protein OS=Mus musculus GN=Tcof1 PE=1 SV=1
Q9JJV2-3	Pfn2	0.98852968	-0.016643812	0.776242754	0.110002441	Isoform 3 of Profilin-2 OS=Mus musculus GN=Pfn2
Q7TMY8-3	Huwe1	1.02577462	0.036713782	0.776959098	0.109601844	Isoform 3 of E3 ubiquitin-protein ligase HUWE1 OS=Mus musculus GN=Huwe1
Q9R0Q6	Arpc1a	0.991773201	-0.011917853	0.777176721	0.109480216	Actin-related protein 2/3 complex subunit 1A OS=Mus musculus GN=Arpc1a PE=1 SV=1
Q9WTL7	Lypla2	0.956626323	-0.063972605	0.77795244	0.109046953	Acyl-protein thioesterase 2 OS=Mus musculus GN=Lypla2 PE=1 SV=1
Q8R570-2	Snap47	1.01666618	0.023846051	0.778073505	0.108979373	Isoform 2 of Synaptosomal-associated protein 47 OS=Mus musculus GN=Snap47
Q61043	Nin	0.773019272	-0.371423713	0.77852497	0.108727453	Ninein OS=Mus musculus GN=Nin PE=2 SV=3
O89026	Robo1	0.968483105	-0.046201213	0.779157429	0.108374784	Roundabout homolog 1 OS=Mus musculus GN=Robo1 PE=1 SV=1
Q62059-3	Vcan	0.946881724	-0.078743867	0.77927141	0.108311257	Isoform V2 of Versican core protein OS=Mus musculus GN=Vcan
Q62348	Tsn	0.967103055	-0.048258463	0.779709914	0.108066944	Translin OS=Mus musculus GN=Tsn PE=1 SV=1
Q8BL66	Eea1	0.976019065	-0.035018766	0.781180708	0.107248491	Early endosome antigen 1 OS=Mus musculus GN=Eea1 PE=1 SV=2
Q9Z2U1	Psma5	1.004098287	0.005900495	0.782632986	0.106441852	Proteasome subunit alpha type-5 OS=Mus musculus GN=Psma5 PE=1 SV=1
Q7TNG5	Eml2	0.934853697	-0.097187492	0.783019588	0.106227374	Echinoderm microtubule-associated protein-like 2 OS=Mus musculus GN=Eml2 PE=2 SV=1
P0CG50	Ubc	1.018256883	0.026101566	0.783660673	0.105871947	Polyubiquitin-C OS=Mus musculus GN=Ubc PE=1 SV=2
Q9CQE5	Rgs10	1.069392719	0.096791759	0.784173828	0.105587657	Regulator of G-protein signaling 10 OS=Mus musculus GN=Rgs10 PE=2 SV=1
Q3UV70	Pdp1	1.025425307	0.036222408	0.785334817	0.104945148	[Pyruvate dehydrogenase [acetyl-transferring]]-phosphatase 1, mitochondrial OS=Mus musculus GN=Pdp1 PE=2 SV=1
P23819-2	Gria2	1.015417454	0.022072964	0.785629806	0.104782048	Isoform 2 of Glutamate receptor 2 OS=Mus musculus GN=Gria2
Q7TPM1	Prrc2b	0.948042112	-0.07697695	0.786087777	0.104528957	Protein PRRC2B OS=Mus musculus GN=Prrc2b PE=1 SV=1
Q6PCP5-3	Mff	0.966793762	-0.048719931	0.786339111	0.104390123	Isoform 3 of Mitochondrial fission factor OS=Mus musculus GN=Mff
P62484	Abl2	0.991079217	-0.012927718	0.786508435	0.104296615	Abl interactor 2 OS=Mus musculus GN=Abi2 PE=2 SV=1
Q5H8C4	Vps13a	0.956140351	-0.064705689	0.786965126	0.104044513	Vacuolar protein sorting-associated protein 13A OS=Mus musculus GN=Vps13a PE=2 SV=1
Q9JM96	Cdc42ep4	0.963896294	-0.053050161	0.787888031	0.103535497	Cdc42 effector protein 4 OS=Mus musculus GN=Cdc42ep4 PE=1 SV=1
Q8C167	Prepl	0.980861918	-0.027878041	0.788978179	0.102935008	Prolyl endopeptidase-like OS=Mus musculus GN=Prepl PE=2 SV=1
O09114-2	Ptgds	0.97945948	-0.029942285	0.789131595	0.102850568	Isoform 2 of Prostaglandin-H2 D-isomerase OS=Mus musculus GN=Ptgds

Accession	Gene	Fold Change (KO vs. WT)	Log2 Fold Change	Students T Test	-Log10 T Test	Description
O88952	Lin7c	0.976149662	-0.034825738	0.789137708	0.102847204	Protein lin-7 homolog C OS=Mus musculus GN=Lin7c PE=1 SV=2
Q8C460	Eri3	0.983335912	-0.024243763	0.789701272	0.102537163	ERI1 exoribonuclease 3 OS=Mus musculus GN=Eri3 PE=1 SV=1
Q60817	Naca	0.990753845	-0.013401433	0.791334813	0.101639728	Nascent polypeptide-associated complex subunit alpha OS=Mus musculus GN=Naca PE=1 SV=1
Q9Z1S5	Sept3	0.993788285	-0.00898956	0.791417776	0.101594199	Neuronal-specific septin-3 OS=Mus musculus GN=Sept3 PE=1 SV=2
Q9Z2G6	Sel1l	1.017094926	0.024454333	0.791481669	0.101559139	Protein sel-1 homolog 1 OS=Mus musculus GN=Sel1l PE=2 SV=2
P63321	Rala	0.991446266	-0.012393511	0.791685974	0.101447049	Ras-related protein Ral-A OS=Mus musculus GN=Rala PE=1 SV=1
Q78YZ6-3	Scoc	1.086481534	0.119663654	0.792859295	0.100803878	Isoform 3 of Short coiled-coil protein OS=Mus musculus GN=Scoc
P58044	Idi1	0.991933108	-0.011685261	0.793070125	0.10068841	Isopentenyl-diphosphate Delta-isomerase 1 OS=Mus musculus GN=Idi1 PE=2 SV=1
Q61191	Hcfc1	0.926938374	-0.109454669	0.793104586	0.100669539	Host cell factor 1 OS=Mus musculus GN=Hcfc1 PE=1 SV=2
Q9R0N3	Syt11	0.98123125	-0.027334913	0.793445113	0.10048311	Synaptotagmin-11 OS=Mus musculus GN=Syt11 PE=2 SV=2
Q9JJV2	Pfn2	0.99237785	-0.011038561	0.795292468	0.09947313	Profilin-2 OS=Mus musculus GN=Pfn2 PE=1 SV=3
Q91VI7	Rnh1	1.020425204	0.029170438	0.796050194	0.099059548	Ribonuclease inhibitor OS=Mus musculus GN=Rnh1 PE=1 SV=1
Q8VHJ5	Mark1	0.988662402	-0.016450126	0.796112417	0.099025603	Serine/threonine-protein kinase MARK1 OS=Mus musculus GN=Mark1 PE=1 SV=2
P55264	Adk	0.990075366	-0.014389746	0.79639349	0.098872299	Adenosine kinase OS=Mus musculus GN=Adk PE=1 SV=2
Q62086	Pon2	0.969781423	-0.044268477	0.7964593	0.098836412	Serum paraoxonase/arylesterase 2 OS=Mus musculus GN=Pon2 PE=1 SV=2
Q8BKC5	Ipo5	1.024187083	0.034479269	0.79765247	0.098186286	Importin-5 OS=Mus musculus GN=Ipo5 PE=1 SV=3
Q8R550-3	Sh3kbp1	0.938632215	-0.091368119	0.79771055	0.098154664	Isoform 3 of SH3 domain-containing kinase-binding protein 1 OS=Mus musculus GN=Sh3kbp1
P07724	Alb	1.014886638	0.021318589	0.798616858	0.097661526	Serum albumin OS=Mus musculus GN=Alb PE=1 SV=3
Q78JE5	Fbxo22	0.989316979	-0.015495258	0.798904016	0.097505396	F-box only protein 22 OS=Mus musculus GN=Fbxo22 PE=2 SV=2
P12367	Prkar2a	1.013302089	0.019064339	0.79954504	0.097157066	cAMP-dependent protein kinase type II-alpha regulatory subunit OS=Mus musculus GN=Prkar2a PE=1 SV=2
P55264-2	Adk	0.990257119	-0.014124927	0.800136988	0.096835653	Isoform Short of Adenosine kinase OS=Mus musculus GN=Adk
Q9CQX2	Cyb5b	1.015534928	0.022239859	0.800355023	0.096717325	Cytochrome b5 type B OS=Mus musculus GN=Cyb5b PE=1 SV=1
Q9D6E4	Ttc9b	0.885220924	-0.175890542	0.80235778	0.095631932	Tetratricopeptide repeat protein 9B OS=Mus musculus GN=Ttc9b PE=2 SV=1
Q9JKK7-3	Tmod2	0.969814908	-0.044218664	0.803651942	0.094932002	Isoform 3 of Tropomodulin-2 OS=Mus musculus GN=Tmod2
B5TVM2	Ildr2	0.966964604	-0.048465015	0.803814154	0.094844351	Immunoglobulin-like domain-containing receptor 2 OS=Mus musculus GN=Ildr2 PE=2 SV=2
Q4KML4	Abracl	0.97905923	-0.030531954	0.805080299	0.094160801	Costars family protein ABRACL OS=Mus musculus GN=Abracl PE=3 SV=1
Q61490	Alcam	1.014006366	0.02006671	0.805728602	0.093811219	CD166 antigen OS=Mus musculus GN=Alcam PE=1 SV=3
Q8BG40	Katnb1	1.019259935	0.027522019	0.806211274	0.093551133	Katanin p80 WD40 repeat-containing subunit B1 OS=Mus musculus GN=Katnb1 PE=1 SV=1
Q91V57-3	Chn1	0.969232727	-0.045084975	0.806734362	0.093269444	Isoform 3 of N-chimaerin OS=Mus musculus GN=Chn1
P60122	Ruvbl1	0.981354495	-0.027153719	0.807011397	0.093120332	RuvB-like 1 OS=Mus musculus GN=Ruvbl1 PE=1 SV=1
P70297	Stam	1.015438326	0.022102618	0.809198838	0.09194475	Signal transducing adapter molecule 1 OS=Mus musculus GN=Stam PE=2 SV=3
Q8BW96-3	Camk1d	0.957989612	-0.061918083	0.809237306	0.091924104	Isoform 3 of Calcium/calmodulin-dependent protein kinase type 1D OS=Mus musculus GN=Camk1d
Q7TQH0-3	Atxn2l	1.023877372	0.034042936	0.809457231	0.091806093	Isoform 3 of Ataxin-2-like protein OS=Mus musculus GN=Atxn2l
P70175	Dlg3	0.993759131	-0.009031884	0.809479021	0.091794402	Disks large homolog 3 OS=Mus musculus GN=Dlg3 PE=1 SV=1
Q3UTJ2-7	Sorbs2	1.04098598	0.057950639	0.809541928	0.091760653	Isoform 7 of Sorbin and SH3 domain-containing protein 2 OS=Mus musculus GN=Sorbs2
Q3USB7	Plcl1	1.015720677	0.022503716	0.810241767	0.091385373	Inactive phospholipase C-like protein 1 OS=Mus musculus GN=Plcl1 PE=1 SV=3
Q8BWT1	Acaa2	0.991223161	-0.012718196	0.810506283	0.091243614	3-ketoacyl-CoA thiolase, mitochondrial OS=Mus musculus GN=Acaa2 PE=1 SV=3
P12382	Pfkl	0.982672733	-0.025217069	0.810507523	0.09124295	6-phosphofructokinase, liver type OS=Mus musculus GN=Pfkl PE=1 SV=4
Q9CX86	Hnrnpa0	1.031315662	0.044485976	0.811181626	0.090881895	Heterogeneous nuclear ribonucleoprotein A0 OS=Mus musculus GN=Hnrnpa0 PE=1 SV=1
Q8K1A6	Cc2d1a	0.950523042	-0.073206494	0.811271719	0.090833663	Coiled-coil and C2 domain-containing protein 1A OS=Mus musculus GN=Cc2d1a PE=1 SV=2
Q9WVA3	Bub3	1.014304906	0.020491401	0.813861827	0.089449321	Mitotic checkpoint protein BUB3 OS=Mus musculus GN=Bub3 PE=2 SV=2
P35803-8	Gpm6b	1.015132344	0.021667826	0.814317	0.089206499	Isoform 8 of Neuronal membrane glycoprotein M6-b OS=Mus musculus GN=Gpm6b
Q62418-3	Dbnl	0.988798388	-0.016251703	0.815012569	0.088835694	Isoform 3 of Drebrin-like protein OS=Mus musculus GN=Dbnl
A2RT62	Fbxl16	1.023148603	0.033015698	0.815158844	0.088757755	F-box/LRR-repeat protein 16 OS=Mus musculus GN=Fbxl16 PE=2 SV=1
Q9CWZ3	Rbm8a	0.992841739	-0.010364327	0.815431496	0.088612518	RNA-binding protein 8A OS=Mus musculus GN=Rbm8a PE=1 SV=3
P47911	Rpl6	1.008397373	0.012064265	0.815656854	0.08849251	60S ribosomal protein L6 OS=Mus musculus GN=Rpl6 PE=1 SV=3
P48722	Hspa4l	0.988952307	-0.016027148	0.815846403	0.088391597	Heat shock 70 kDa protein 4L OS=Mus musculus GN=Hspa4l PE=1 SV=2
Q64516-2	Gk	1.011099397	0.015924829	0.815965012	0.088328463	Isoform 2 of Glycerol kinase OS=Mus musculus GN=Gk
Q99M28	Rnps1	1.035426821	0.050225594	0.815993593	0.088313251	RNA-binding protein with serine-rich domain 1 OS=Mus musculus GN=Rnps1 PE=2 SV=1
Q9WV80	Snx1	1.00634423	0.009123878	0.816053579	0.088281326	Sorting nexin-1 OS=Mus musculus GN=Snx1 PE=1 SV=1
O54984	Asna1	1.01269012	0.018192781	0.816663724	0.087956735	ATPase Asna1 OS=Mus musculus GN=Asna1 PE=1 SV=2
Q8K2B3	Sdha	1.017505066	0.025035978	0.816724464	0.087924436	Succinate dehydrogenase [ubiquinone] flavoprotein subunit, mitochondrial OS=Mus musculus GN=Sdha PE=1 SV=1
A2AWA9	Rabgap1	1.019619818	0.02803132	0.8168513	0.087856996	Rab GTPase-activating protein 1 OS=Mus musculus GN=Rabgap1 PE=1 SV=1
Q9CPV4-3	Glod4	0.987534996	-0.01809622	0.816852394	0.087856414	Isoform 3 of Glyoxalase domain-containing protein 4 OS=Mus musculus GN=Glod4
Q9WUA6	Akt3	0.982100319	-0.026057696	0.817250152	0.08764499	RAC-gamma serine/threonine-protein kinase OS=Mus musculus GN=Akt3 PE=1 SV=1
P49025-4	Cit	0.981311074	-0.027217554	0.818212878	0.087133689	Isoform 4 of Citron Rho-interacting kinase OS=Mus musculus GN=Cit
P47753	Capza1	0.984816432	-0.022073261	0.818559183	0.086949915	F-actin-capping protein subunit alpha-1 OS=Mus musculus GN=Capza1 PE=1 SV=4
Q91W50	Csde1	1.013608771	0.019500913	0.818815535	0.086813926	Cold shock domain-containing protein E1 OS=Mus musculus GN=Csde1 PE=2 SV=1
O35684	Serpini1	0.973151678	-0.03926341	0.819356107	0.086527305	Neuroserpin OS=Mus musculus GN=Serpini1 PE=1 SV=1
P48722-2	Hspa4l	0.98923773	-0.015610829	0.819538299	0.086430746	Isoform 2 of Heat shock 70 kDa protein 4L OS=Mus musculus GN=Hspa4l
Q8CHP5	Wibg	0.983261696	-0.024352653	0.820112247	0.086126703	Partner of Y14 and mago OS=Mus musculus GN=Wibg PE=2 SV=2
Q7TNS2	Minos1	1.021356315	0.030486259	0.820428561	0.085959229	Mitochondrial inner membrane organizing system protein 1 OS=Mus musculus GN=Minos1 PE=2 SV=1
Q99PL5	Rrbp1	1.017692267	0.025301381	0.820579335	0.085879424	Ribosome-binding protein 1 OS=Mus musculus GN=Rrbp1 PE=1 SV=2
Q9D1M4	Eef1e1	0.985212091	-0.021493761	0.821150006	0.085577499	Eukaryotic translation elongation factor 1 epsilon-1 OS=Mus musculus GN=Eef1e1 PE=2 SV=1
Q5DTM8	Rnf20	1.022939924	0.03272142	0.821921974	0.085169408	E3 ubiquitin-protein ligase BRE1A OS=Mus musculus GN=Rnf20 PE=2 SV=2
Q8CHG3	Gcc2	1.060230548	0.084378014	0.823026115	0.084586384	GRIP and coiled-coil domain-containing protein 2 OS=Mus musculus GN=Gcc2 PE=1 SV=2
P83917	Cbx1	1.014947711	0.021405403	0.823102092	0.084546294	Chromobox protein homolog 1 OS=Mus musculus GN=Cbx1 PE=1 SV=1
Q8C8R3-8	Ank2	0.986176668	-0.020081974	0.824196133	0.083969427	Isoform 8 of Ankyrin-2 OS=Mus musculus GN=Ank2
Q3UNH4	Gprin1	1.009063972	0.01301764	0.824435737	0.083843191	G protein-regulated inducer of neurite outgrowth 1 OS=Mus musculus GN=Gprin1 PE=1 SV=2
Q3THE2	Myl12b	0.986431569	-0.019709124	0.824557129	0.083779249	Myosin regulatory light chain 12B OS=Mus musculus GN=Myl12b PE=1 SV=2
Q61301	Ctnna2	1.005176624	0.007449026	0.825040201	0.083524889	Catenin alpha-2 OS=Mus musculus GN=Ctnna2 PE=1 SV=3
P55088-3	Aqp4	1.025812067	0.036766448	0.825317258	0.083379073	Isoform 3 of Aquaporin-4 OS=Mus musculus GN=Aqp4
P62761	Vsnl1	0.993083717	-0.010012752	0.826024106	0.083007278	Visinin-like protein 1 OS=Mus musculus GN=Vsnl1 PE=1 SV=2
Q91VR5	Ddx1	1.009443456	0.0135601	0.827377314	0.082296391	ATP-dependent RNA helicase DDX1 OS=Mus musculus GN=Ddx1 PE=1 SV=1
A2CG49-7	Kalrn	0.993304884	-0.009691489	0.828883499	0.081506506	Isoform 7 of Kalirin OS=Mus musculus GN=Kalrn
Q9CZX0-2	Elp3	0.891740176	-0.165304677	0.829265095	0.081306614	Isoform 2 of Elongator complex protein 3 OS=Mus musculus GN=Elp3
Q6NSR8	Npepl1	0.971396693	-0.041867519	0.829605766	0.081128238	Probable aminopeptidase NPEPL1 OS=Mus musculus GN=Npepl1 PE=2 SV=1
P46664	Adss	0.993064665	-0.01004043	0.829617402	0.081122147	Adenylosuccinate synthetase isozyme 2 OS=Mus musculus GN=Adss PE=1 SV=2
Q91YR1	Twf1	0.979911598	-0.029276491	0.829755674	0.081049769	Twinfilin-1 OS=Mus musculus GN=Twf1 PE=1 SV=2
Q91V14	Slc12a5	0.987717784	-0.017829209	0.829820162	0.081016017	Solute carrier family 12 member 5 OS=Mus musculus GN=Slc12a5 PE=1 SV=2
P70265	Pfkfb2	1.026959885	0.038379828	0.830368531	0.080729118	6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase 2 OS=Mus musculus GN=Pfkfb2 PE=1 SV=2
Q3TLH4	Prrc2c	0.982572471	-0.025364275	0.831115173	0.080338789	Protein PRRC2C OS=Mus musculus GN=Prrc2c PE=1 SV=3
P31650	Slc6a11	0.993251478	-0.00976906	0.831279683	0.080252834	Sodium- and chloride-dependent GABA transporter 3 OS=Mus musculus GN=Slc6a11 PE=1 SV=2
Q9EPK7	Xpo7	1.036194327	0.051294591	0.831648856	0.080060005	Exportin-7 OS=Mus musculus GN=Xpo7 PE=2 SV=3
Q9CR98	Fam136a	0.961993546	-0.05590088	0.83194329	0.079906277	Protein FAM136A OS=Mus musculus GN=Fam136a PE=2 SV=1
P04919	Slc4a1	0.969476003	-0.044722907	0.832940248	0.079386152	Band 3 anion transport protein OS=Mus musculus GN=Slc4a1 PE=1 SV=1
P62307	Snrpf	0.975611716	-0.035621011	0.833792722	0.0789419	Small nuclear ribonucleoprotein F OS=Mus musculus GN=Snrpf PE=2 SV=1
Q8K2Q7	Brox	0.964198723	-0.052597575	0.833922483	0.078874317	BRO1 domain-containing protein BROX OS=Mus musculus GN=Brox PE=2 SV=1
O88746	Tom1	0.981109606	-0.027513776	0.834563295	0.07854072	Target of Myb protein 1 OS=Mus musculus GN=Tom1 PE=1 SV=1
O08788	Dctn1	1.003391111	0.004884063	0.834761143	0.078437775	Dynactin subunit 1 OS=Mus musculus GN=Dctn1 PE=1 SV=3
P39087	Grik2	0.958199959	-0.061601343	0.834870271	0.078381003	Glutamate receptor ionotropic, kainate 2 OS=Mus musculus GN=Grik2 PE=1 SV=4
Q61879	Myh10	0.995775752	-0.00610721	0.836104003	0.077739697	Myosin-10 OS=Mus musculus GN=Myh10 PE=1 SV=2
Q5RJH6-3	Smg7	1.01772235	0.025344026	0.836144706	0.077718556	Isoform 3 of Protein SMG7 OS=Mus musculus GN=Smg7
Q01063-3	Pde4d	1.011617931	0.016664514	0.8371221	0.077211192	Isoform 3 of cAMP-specific 3',5'-cyclic phosphodiesterase 4D OS=Mus musculus GN=Pde4d
Q8C0T5	Sipa1l1	1.014471935	0.020728954	0.837206152	0.077167589	Signal-induced proliferation-associated 1-like protein 1 OS=Mus musculus GN=Sipa1l1 PE=1 SV=2
O88851	Rbbp9	0.981636477	-0.026739235	0.837345083	0.077095525	Putative hydrolase RBBP9 OS=Mus musculus GN=Rbbp9 PE=1 SV=2
Q99LI8	Hgs	0.993842959	-0.008910191	0.839768498	0.075840421	Hepatocyte growth factor-regulated tyrosine kinase substrate OS=Mus musculus GN=Hgs PE=1 SV=2
P38585	Ttl	1.005166378	0.00743432	0.840395868	0.075516092	Tubulin--tyrosine ligase OS=Mus musculus GN=Ttl PE=2 SV=2
Q3UI43	Babam1	1.043358231	0.061234584	0.840636747	0.075391629	BRISC and BRCA1-A complex member 1 OS=Mus musculus GN=Babam1 PE=2 SV=1
Q9WVQ5	Apip	1.008134513	0.011688147	0.842205123	0.074582121	Methylthioribulose-1-phosphate dehydratase OS=Mus musculus GN=Apip PE=1 SV=1
A2A690	Tanc2	1.030449386	0.043273643	0.842636842	0.074359557	Protein TANC2 OS=Mus musculus GN=Tanc2 PE=1 SV=1
Q7TPB0	Lppr3	1.015201427	0.021766002	0.843560732	0.073883645	Lipid phosphate phosphatase-related protein type 3 OS=Mus musculus GN=Lppr3 PE=2 SV=1
P39688	Fyn	0.986362998	-0.019809415	0.844298425	0.073504021	Tyrosine-protein kinase Fyn OS=Mus musculus GN=Fyn PE=1 SV=4
Q7TNP2	Ppp2r1b	0.99187078	-0.011775915	0.844718761	0.07328786	Serine/threonine-protein phosphatase 2A 65 kDa regulatory subunit A beta isoform OS=Mus musculus GN=Ppp2r1b PE=1 SV=2
Q9CYN9	Atp6ap2	0.983308997	-0.024283252	0.846844061	0.072196554	Renin receptor OS=Mus musculus GN=Atp6ap2 PE=2 SV=2
Q9QYS2	Grm3	1.018779098	0.026841265	0.846949624	0.07214242	Metabotropic glutamate receptor 3 OS=Mus musculus GN=Grm3 PE=2 SV=1
Q9WV69-3	Dmtn	1.006784374	0.00975473	0.848077648	0.071564383	Isoform 3 of Dematin OS=Mus musculus GN=Dmtn
Q3THW5	H2afv	1.012324668	0.017672059	0.848727398	0.071231778	Histone H2A.V OS=Mus musculus GN=H2afv PE=1 SV=3
Q5XG69	Fam169a	1.03194759	0.045369701	0.848887904	0.071149655	Soluble lamin-associated protein of 75 kDa OS=Mus musculus GN=Fam169a PE=1 SV=3
Q8QZV4	Stk32c	0.971137862	-0.042251981	0.848927105	0.0711296	Serine/threonine-protein kinase 32C OS=Mus musculus GN=Stk32c PE=2 SV=1
Q9DB41	Slc25a18	1.020956699	0.02992168	0.849236531	0.070971332	Mitochondrial glutamate carrier 2 OS=Mus musculus GN=Slc25a18 PE=2 SV=4
P68037	Ube2l3	0.993150887	-0.009915176	0.849529501	0.070821535	Ubiquitin-conjugating enzyme E2 L3 OS=Mus musculus GN=Ube2l3 PE=2 SV=1
Q8VDD5	Myh9	1.005154736	0.00741761	0.851103141	0.070017807	Myosin-9 OS=Mus musculus GN=Myh9 PE=1 SV=4
Q01730	Rsu1	1.020722057	0.029590073	0.852920669	0.069091361	Ras suppressor protein 1 OS=Mus musculus GN=Rsu1 PE=2 SV=3
Q8BGH2	Samm50	1.018396913	0.026299952	0.852999541	0.069051202	Sorting and assembly machinery component 50 homolog OS=Mus musculus GN=Samm50 PE=1 SV=1
P16054	Prkce	0.992866859	-0.010327827	0.8530493	0.069025869	Protein kinase C epsilon type OS=Mus musculus GN=Prkce PE=1 SV=1
Q69Z98-3	Brsk2	1.012012902	0.017227683	0.853529077	0.068781679	Isoform 3 of Serine/threonine-protein kinase BRSK2 OS=Mus musculus GN=Brsk2

Accession	Gene	Fold Change (KO vs. WT)	Log2 Fold Change	Students T Test	-Log10 T Test	Description
Q9Z130	Hnrnpdl	1.015602752	0.022336209	0.854209369	0.068435669	Heterogeneous nuclear ribonucleoprotein D-like OS=Mus musculus GN=Hnrnpdl PE=1 SV=1
P36552	Cpox	1.008027867	0.011535523	0.854779357	0.068145975	Coproporphyrinogen-III oxidase, mitochondrial OS=Mus musculus GN=Cpox PE=1 SV=2
P21107-2	Tpm3	1.007623087	0.010956083	0.854848257	0.068110969	Isoform 2 of Tropomyosin alpha-3 chain OS=Mus musculus GN=Tpm3
Q8K310	Matr3	1.006027873	0.008670278	0.855112155	0.06797692	Matrin-3 OS=Mus musculus GN=Matr3 PE=1 SV=1
Q8C166	Cpne1	1.023478626	0.033480975	0.855296317	0.067883398	Copine-1 OS=Mus musculus GN=Cpne1 PE=1 SV=1
B2RR83	Ythdc2	0.976841996	-0.03380287	0.855458439	0.067801085	Probable ATP-dependent RNA helicase YTHDC2 OS=Mus musculus GN=Ythdc2 PE=1 SV=1
Q8C1A5	Thop1	1.004800648	0.0069093	0.855550725	0.067754236	Thimet oligopeptidase OS=Mus musculus GN=Thop1 PE=1 SV=1
Q9D967	Mdp1	1.009774124	0.014032614	0.855719262	0.067668692	Magnesium-dependent phosphatase 1 OS=Mus musculus GN=Mdp1 PE=1 SV=1
Q8K021	Scamp1	1.012158939	0.017435853	0.855757997	0.067649034	Secretory carrier-associated membrane protein 1 OS=Mus musculus GN=Scamp1 PE=1 SV=1
Q61411	Hras	1.01230821	0.017648604	0.855790536	0.06763252	GTPase HRas OS=Mus musculus GN=Hras PE=1 SV=2
Q91VE0	Slc27a4	0.975666883	-0.035539435	0.855829902	0.067612544	Long-chain fatty acid transport protein 4 OS=Mus musculus GN=Slc27a4 PE=1 SV=1
P97352	S100a13	0.983104277	-0.024583644	0.856125485	0.067462575	Protein S100-A13 OS=Mus musculus GN=S100a13 PE=1 SV=1
O89001	Cpd	1.039340003	0.055667685	0.856979707	0.067029462	Carboxypeptidase D OS=Mus musculus GN=Cpd PE=1 SV=2
Q9CPV4	Glod4	1.004904504	0.007058409	0.857161336	0.066937427	Glyoxalase domain-containing protein 4 OS=Mus musculus GN=Glod4 PE=1 SV=1
P97355	Sms	0.991554639	-0.012235821	0.858409708	0.066305379	Spermine synthase OS=Mus musculus GN=Sms PE=1 SV=1
Q7TMQ7	Wdr91	0.984836445	-0.022043944	0.859076119	0.065968354	WD repeat-containing protein 91 OS=Mus musculus GN=Wdr91 PE=1 SV=1
P43406	Itgav	0.988859346	-0.016162766	0.859584318	0.065711516	Integrin alpha-V OS=Mus musculus GN=Itgav PE=1 SV=2
Q9CSU0-2	Rprd1b	1.010873814	0.015602919	0.861246899	0.064872329	Isoform 2 of Regulation of nuclear pre-mRNA domain-containing protein 1B OS=Mus musculus GN=Rprd1b
Q8BTZ7	Gmppb	1.015248608	0.02183305	0.861330023	0.064830415	Mannose-1-phosphate guanyltransferase beta OS=Mus musculus GN=Gmppb PE=2 SV=1
Q14C51	Ptcd3	1.08346825	0.115656877	0.86241268	0.064284867	Pentatricopeptide repeat domain-containing protein 3, mitochondrial OS=Mus musculus GN=Ptcd3 PE=2 SV=2
O54946	Dnajb6	1.015881393	0.022731973	0.864899824	0.063034191	DnaJ homolog subfamily B member 6 OS=Mus musculus GN=Dnajb6 PE=1 SV=4
P97950	Rab33a	1.017868089	0.025550607	0.865326928	0.062819781	Ras-related protein Rab-33A OS=Mus musculus GN=Rab33a PE=2 SV=1
Q6RHR9-3	Magi1	0.98892072	-0.016073227	0.865450975	0.062757529	Isoform 3 of Membrane-associated guanylate kinase, WW and PDZ domain-containing protein 1 OS=Mus musculus GN=Magi1
Q8VEL9	Rem2	1.020538875	0.02933114	0.865914359	0.062525059	GTP-binding protein REM 2 OS=Mus musculus GN=Rem2 PE=1 SV=2
D3Z4S3	Ptrhd1	1.019070045	0.027253217	0.866109516	0.06242719	Putative peptidyl-tRNA hydrolase PTRHD1 OS=Mus musculus GN=Ptrhd1 PE=3 SV=1
P28660	Nckap1	1.005399857	0.007769389	0.866779412	0.062091413	Nck-associated protein 1 OS=Mus musculus GN=Nckap1 PE=1 SV=2
Q8BIZ1-3	Anks1b	1.017423295	0.024920031	0.868284	0.061338202	Isoform 3 of Ankyrin repeat and sterile alpha motif domain-containing protein 1B OS=Mus musculus GN=Anks1b
Q3UHX2	Pdap1	1.009721714	0.013957732	0.869490272	0.060735273	28 kDa heat- and acid-stable phosphoprotein OS=Mus musculus GN=Pdap1 PE=1 SV=1
P61971	Nutf2	1.008393995	0.012059432	0.870441266	0.060260528	Nuclear transport factor 2 OS=Mus musculus GN=Nutf2 PE=2 SV=1
Q9CZN8	Qrsl1	1.029761066	0.042309629	0.870629449	0.060166647	Glutamyl-tRNA(Gln) amidotransferase subunit A, mitochondrial OS=Mus musculus GN=Qrsl1 PE=2 SV=1
Q91YR5	Mettl13	0.973951193	-0.038078618	0.87067925	0.060141805	Methyltransferase-like protein 13 OS=Mus musculus GN=Mettl13 PE=1 SV=1
Q99MD9	Nasp	1.024750376	0.035275519	0.871068487	0.059947698	Nuclear autoantigenic sperm protein OS=Mus musculus GN=Nasp PE=1 SV=2
Q9Z2H5	Epb41l1	1.004383681	0.006310494	0.872117718	0.05942489	Band 4.1-like protein 1 OS=Mus musculus GN=Epb41l1 PE=1 SV=2
Q9QXS6	Dbn1	0.996254549	-0.005413689	0.873174444	0.058898984	Drebrin OS=Mus musculus GN=Dbn1 PE=1 SV=4
P11499	Hsp90ab1	1.004311861	0.006207328	0.873437304	0.058768264	Heat shock protein HSP 90-beta OS=Mus musculus GN=Hsp90ab1 PE=1 SV=3
Q148V7-3	Kiaa1468	0.992648899	-0.01064457	0.873699096	0.058638114	Isoform 3 of LisH domain and HEAT repeat-containing protein KIAA1468 OS=Mus musculus GN=Kiaa1468
Q8R1F1	Fam129b	1.049509395	0.069715082	0.873826485	0.058574796	Niban-like protein 1 OS=Mus musculus GN=Fam129b PE=2 SV=2
Q9QXK3-3	Copg2	0.991452876	-0.012383893	0.873969613	0.058503667	Isoform 3 of Coatomer subunit gamma-2 OS=Mus musculus GN=Copg2
Q8R3B1	Plcd1	1.131305044	0.177987989	0.874092031	0.058442839	1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase delta-1 OS=Mus musculus GN=Plcd1 PE=2 SV=2
Q32Q92	Acot6	0.964805825	-0.051689477	0.87528838	0.057848837	Acyl-coenzyme A thioesterase 6 OS=Mus musculus GN=Acot6 PE=1 SV=1
Q9DBH5	Lman2	0.987099419	-0.018732697	0.875398087	0.057794407	Vesicular integral-membrane protein VIP36 OS=Mus musculus GN=Lman2 PE=2 SV=2
Q6PDS3-3	Sarm1	1.01898099	0.027127137	0.875752809	0.057618461	Isoform 3 of Sterile alpha and TIR motif-containing protein 1 OS=Mus musculus GN=Sarm1
P24527	Lta4h	1.006928962	0.009961907	0.876461705	0.057267054	Leukotriene A-4 hydrolase OS=Mus musculus GN=Lta4h PE=1 SV=4
P62984	Uba52	1.010838592	0.01555265	0.876644454	0.05717651	Ubiquitin-60S ribosomal protein L40 OS=Mus musculus GN=Uba52 PE=1 SV=2
Q9Z2H5-3	Epb41l1	1.004198205	0.006044051	0.876853107	0.057073155	Isoform 3 of Band 4.1-like protein 1 OS=Mus musculus GN=Epb41l1
O35551-3	Rabep1	1.006141068	0.008832595	0.876995287	0.057002741	Isoform 3 of Rab GTPase-binding effector protein 1 OS=Mus musculus GN=Rabep1
P21279	Gnaq	1.003167731	0.004562847	0.877385813	0.056809392	Guanine nucleotide-binding protein G(q) subunit alpha OS=Mus musculus GN=Gnaq PE=1 SV=4
Q9CZ04	Cops7a	0.985105017	-0.021650564	0.877611412	0.056697738	COP9 signalosome complex subunit 7a OS=Mus musculus GN=Cops7a PE=1 SV=2
Q8C522	Endod1	0.980697007	-0.028120621	0.877817833	0.056595601	Endonuclease domain-containing 1 protein OS=Mus musculus GN=Endod1 PE=1 SV=2
Q9EQQ9	Mgea5	0.992351669	-0.011076622	0.878223632	0.056394881	Bifunctional protein NCOAT OS=Mus musculus GN=Mgea5 PE=1 SV=2
P08032	Spta1	1.005326712	0.007664426	0.879030777	0.055995919	Spectrin alpha chain, erythrocytic 1 OS=Mus musculus GN=Spta1 PE=2 SV=3
Q3ZK22-4	Vezt	0.980966119	-0.027724786	0.879304813	0.05586055	Isoform 4 of Vezatin OS=Mus musculus GN=Vezt
Q8BTG7-2	Ndrg4	1.013480424	0.019318223	0.879506815	0.055760791	Isoform 2 of Protein NDRG4 OS=Mus musculus GN=Ndrg4
Q9Z0G0	Gipc1	1.052161447	0.073356093	0.879546049	0.055741418	PDZ domain-containing protein GIPC1 OS=Mus musculus GN=Gipc1 PE=1 SV=1
O08532-5	Cacna2d1	1.008154496	0.011716744	0.879722228	0.055654435	Isoform 2E of Voltage-dependent calcium channel subunit alpha-2/delta-1 OS=Mus musculus GN=Cacna2d1
O70252	Hmox2	0.990588547	-0.013642154	0.88023053	0.055403573	Heme oxygenase 2 OS=Mus musculus GN=Hmox2 PE=2 SV=1
P21278	Gna11	0.995369556	-0.006695833	0.883656309	0.053716617	Guanine nucleotide-binding protein subunit alpha-11 OS=Mus musculus GN=Gna11 PE=1 SV=1
P47963	Rpl13	0.988061624	-0.017327072	0.884954732	0.053078944	60S ribosomal protein L13 OS=Mus musculus GN=Rpl13 PE=2 SV=3
Q9DCM0	Ethe1	1.020112093	0.028727689	0.884962656	0.053075055	Persulfide dioxygenase ETHE1, mitochondrial OS=Mus musculus GN=Ethe1 PE=1 SV=2
P47754	Capza2	1.004317222	0.006215028	0.885035408	0.053039354	F-actin-capping protein subunit alpha-2 OS=Mus musculus GN=Capza2 PE=1 SV=3
Q9CXP8	Gng10	1.015572587	0.022293359	0.886380664	0.052379727	Guanine nucleotide-binding protein G(I)/G(S)/G(O) subunit gamma-10 OS=Mus musculus GN=Gng10 PE=3 SV=1
Q9CWJ9	Atic	0.993926808	-0.008788478	0.886723572	0.052211747	Bifunctional purine biosynthesis protein PURH OS=Mus musculus GN=Atic PE=1 SV=2
Q3U1J4	Ddb1	1.009670616	0.013884721	0.886824278	0.052162426	DNA damage-binding protein 1 OS=Mus musculus GN=Ddb1 PE=1 SV=2
Q9EQP2	Ehd4	0.991892872	-0.011743782	0.887458644	0.051851876	EH domain-containing protein 4 OS=Mus musculus GN=Ehd4 PE=1 SV=1
Q9CXJ4	Abcb8	1.022222222	0.03170886	0.88768378	0.051741716	ATP-binding cassette sub-family B member 8, mitochondrial OS=Mus musculus GN=Abcb8 PE=2 SV=1
Q80ZI6	Lrsam1	1.036250919	0.051373382	0.888560768	0.051312866	E3 ubiquitin-protein ligase LRSAM1 OS=Mus musculus GN=Lrsam1 PE=2 SV=1
Q6ZQ58	Larp1	0.976567015	-0.034209045	0.888582374	0.051302306	La-related protein 1 OS=Mus musculus GN=Larp1 PE=1 SV=2
P62141	Ppp1cb	0.99143324	-0.012412466	0.889730373	0.050741584	Serine/threonine-protein phosphatase PP1-beta catalytic subunit OS=Mus musculus GN=Ppp1cb PE=1 SV=3
P28652	Camk2b	1.011157906	0.016008312	0.890026949	0.050596843	Calcium/calmodulin-dependent protein kinase type II subunit beta OS=Mus musculus GN=Camk2b PE=1 SV=2
Q3UHD1	Bai1	1.015754763	0.02255213	0.892600423	0.049342911	Brain-specific angiogenesis inhibitor 1 OS=Mus musculus GN=Bai1 PE=1 SV=1
O35969	Gamt	0.987427451	-0.018253342	0.892832733	0.049229896	Guanidinoacetate N-methyltransferase OS=Mus musculus GN=Gamt PE=1 SV=1
Q7TNF0	Doc2a	0.980226783	-0.028812529	0.894003239	0.048660908	Double C2-like domain-containing protein alpha OS=Mus musculus GN=Doc2a PE=2 SV=1
P62631	Eef1a2	1.005788553	0.008327039	0.894090991	0.048618281	Elongation factor 1-alpha 2 OS=Mus musculus GN=Eef1a2 PE=1 SV=1
P17665	Cox7c	1.009556507	0.013721663	0.895611819	0.047880184	Cytochrome c oxidase subunit 7C, mitochondrial OS=Mus musculus GN=Cox7c PE=1 SV=1
P15331-3	Prph	0.988421618	-0.016801531	0.896122326	0.047632703	Isoform 5b of Peripherin OS=Mus musculus GN=Prph
Q3UVX5	Grm5	1.006525163	0.009383239	0.896918624	0.047246958	Metabotropic glutamate receptor 5 OS=Mus musculus GN=Grm5 PE=1 SV=2
A2AN08-2	Ubr4	0.98894859	-0.01603257	0.897086934	0.047165469	Isoform 2 of E3 ubiquitin-protein ligase UBR4 OS=Mus musculus GN=Ubr4
Q9CQH7	Btf3l4	1.006751069	0.009707005	0.898411356	0.046524767	Transcription factor BTF3 homolog 4 OS=Mus musculus GN=Btf3l4 PE=2 SV=1
Q9JJY3	Smpd3	0.985364967	-0.021269915	0.899893457	0.045808906	Sphingomyelin phosphodiesterase 3 OS=Mus musculus GN=Smpd3 PE=1 SV=1
Q8VEJ9	Vps4a	0.994197877	-0.008395072	0.902625189	0.044492551	Vacuolar protein sorting-associated protein 4A OS=Mus musculus GN=Vps4a PE=1 SV=1
P63087	Ppp1cc	0.992123586	-0.011408251	0.902730659	0.044441808	Serine/threonine-protein phosphatase PP1-gamma catalytic subunit OS=Mus musculus GN=Ppp1cc PE=1 SV=1
Q8BUK6	Hook3	1.011754157	0.016858777	0.903333547	0.044151861	Protein Hook homolog 3 OS=Mus musculus GN=Hook3 PE=1 SV=2
Q03137	Epha4	1.003828972	0.00551349	0.903873385	0.043892401	Ephrin type-A receptor 4 OS=Mus musculus GN=Epha4 PE=1 SV=2
Q569Z5	Ddx46	0.989589118	-0.015098459	0.903986899	0.043837863	Probable ATP-dependent RNA helicase DDX46 OS=Mus musculus GN=Ddx46 PE=1 SV=2
P32067	Ssb	0.996362013	-0.005258076	0.904729447	0.043481274	Lupus La protein homolog OS=Mus musculus GN=Ssb PE=1 SV=1
Q9D0T1	Nhp2l1	0.995208744	-0.006928933	0.904982935	0.04335961	NHP2-like protein 1 OS=Mus musculus GN=Nhp2l1 PE=1 SV=4
Q91YH5	Atl3	1.009031471	0.012971172	0.905316384	0.04319962	Atlastin-3 OS=Mus musculus GN=Atl3 PE=2 SV=1
Q8R1I1	Uqcr10	0.978263094	-0.031705579	0.905365752	0.043175938	Cytochrome b-c1 complex subunit 9 OS=Mus musculus GN=Uqcr10 PE=1 SV=1
Q8BFU2	Hist3h2a	0.995392518	-0.006662552	0.906407594	0.042676465	Histone H2A type 3 OS=Mus musculus GN=Hist3h2a PE=1 SV=3
P48193	Epb41	1.015719151	0.022501549	0.906615088	0.042577058	Protein 4.1 OS=Mus musculus GN=Epb41 PE=1 SV=2
Q9CQR2	Rps21	1.014825491	0.021231664	0.907378941	0.042211304	40S ribosomal protein S21 OS=Mus musculus GN=Rps21 PE=2 SV=1
Q88741-2	Gdap1	0.995977871	-0.005814406	0.907396875	0.042202721	Isoform 2 of Ganglioside-induced differentiation-associated protein 1 OS=Mus musculus GN=Gdap1
Q8BIG7	Comtd1	1.009531789	0.01368634	0.907928398	0.0419484	Catechol O-methyltransferase domain-containing protein 1 OS=Mus musculus GN=Comtd1 PE=2 SV=1
P15116	Cdh2	0.992416605	-0.010982221	0.908469923	0.041689447	Cadherin-2 OS=Mus musculus GN=Cdh2 PE=1 SV=2
Q9D2M8	Ube2v2	1.006160629	0.008860643	0.908530499	0.041660489	Ubiquitin-conjugating enzyme E2 variant 2 OS=Mus musculus GN=Ube2v2 PE=2 SV=4
P62983	Rps27a	1.007378184	0.010605393	0.909148346	0.041365247	Ubiquitin-40S ribosomal protein S27a OS=Mus musculus GN=Rps27a PE=1 SV=2
Q60780	Gas7	1.0110335	0.015830801	0.909353029	0.041267482	Growth arrest-specific protein 7 OS=Mus musculus GN=Gas7 PE=1 SV=1
Q8R0A5	Tceal3	1.014716687	0.021076978	0.910983558	0.040489461	Transcription elongation factor A protein-like 3 OS=Mus musculus GN=Tceal3 PE=2 SV=2
P55096	Abcd3	1.010240416	0.014698665	0.911060834	0.040452623	ATP-binding cassette sub-family D member 3 OS=Mus musculus GN=Abcd3 PE=1 SV=2
P35700	Prdx1	1.002796269	0.004028534	0.912142105	0.039937496	Peroxiredoxin-1 OS=Mus musculus GN=Prdx1 PE=1 SV=1
Q9JLQ2	Git2	0.971611953	-0.041547856	0.912396925	0.039816187	ARF GTPase-activating protein GIT2 OS=Mus musculus GN=Git2 PE=1 SV=2
Q8R2Y8	Ptrh2	0.970787853	-0.042772038	0.914072833	0.039019199	Peptidyl-tRNA hydrolase 2, mitochondrial OS=Mus musculus GN=Ptrh2 PE=2 SV=1
Q80TL0	Ppm1e	0.996592247	-0.004924744	0.914815809	0.038666339	Protein phosphatase 1E OS=Mus musculus GN=Ppm1e PE=1 SV=2
Q9DBB4	Naa16	1.021159175	0.030207766	0.915195427	0.038486159	N-alpha-acetyltransferase 16, NatA auxiliary subunit OS=Mus musculus GN=Naa16 PE=2 SV=1
P20801	Tnnc2	0.988242635	-0.017062796	0.91583345	0.038183498	Troponin C, skeletal muscle OS=Mus musculus GN=Tnnc2 PE=1 SV=2
Q9CR57	Rpl14	1.006263023	0.009007454	0.915940678	0.038132653	60S ribosomal protein L14 OS=Mus musculus GN=Rpl14 PE=1 SV=3
Q9CYG7	Tomm34	0.902118335	-0.148611405	0.915971192	0.038118185	Mitochondrial import receptor subunit TOM34 OS=Mus musculus GN=Tomm34 PE=2 SV=1
P00342	Ldhc	1.011601472	0.016641041	0.917120561	0.03757357	L-lactate dehydrogenase C chain OS=Mus musculus GN=Ldhc PE=1 SV=2
Q07235	Serpine2	1.018326222	0.026199804	0.917497191	0.037395257	Glia-derived nexin OS=Mus musculus GN=Serpine2 PE=2 SV=2
Q9D1C8	Vps28	1.009372578	0.013458798	0.917636359	0.037329387	Vacuolar protein sorting-associated protein 28 homolog OS=Mus musculus GN=Vps28 PE=2 SV=1
Q4VAA2	Cdv3	0.991155977	-0.012815985	0.917668325	0.037314258	Protein CDV3 OS=Mus musculus GN=Cdv3 PE=1 SV=2
Q9CQ10	Chmp3	0.991067996	-0.012944053	0.917760714	0.037270537	Charged multivesicular body protein 3 OS=Mus musculus GN=Chmp3 PE=1 SV=3
Q6P4T2	Snrnp200	1.006880013	0.009891772	0.918560209	0.036892372	U5 small nuclear ribonucleoprotein 200 kDa helicase OS=Mus musculus GN=Snrnp200 PE=1 SV=1
Q8C163	Exog	1.013527396	0.019385086	0.918963313	0.036701826	Nuclease EXOG, mitochondrial OS=Mus musculus GN=Exog PE=2 SV=1
P10711	Tcea1	1.006599328	0.00948954	0.918967625	0.036699788	Transcription elongation factor A protein 1 OS=Mus musculus GN=Tcea1 PE=1 SV=2
Q8CI51	Pdlim5	1.006233577	0.008965237	0.920517123	0.035968129	PDZ and LIM domain protein 5 OS=Mus musculus GN=Pdlim5 PE=1 SV=4
Q9CZU3	Skiv2l2	0.988245172	-0.017059093	0.921443776	0.035531159	Superkiller viralicidic activity 2-like 2 OS=Mus musculus GN=Skiv2l2 PE=1 SV=1

Accession	Gene	Fold Change (KO vs. WT)	Log2 Fold Change	Students T Test	-Log10 T Test	Description
Q8C167-3	Prepl	1.00681344	0.00979638	0.922339543	0.035109172	Isoform 3 of Prolyl endopeptidase-like OS=Mus musculus GN=Prepl
Q8C2Q3	Rbm14	1.008175626	0.011746981	0.922483564	0.035041363	RNA-binding protein 14 OS=Mus musculus GN=Rbm14 PE=1 SV=1
Q8BG51-3	Rhot1	0.989629537	-0.015039534	0.922783408	0.034900223	Isoform 3 of Mitochondrial Rho GTPase 1 OS=Mus musculus GN=Rhot1
Q9ERE7	Mesdc2	1.00911259	0.01308715	0.9240491	0.034304951	LDLR chaperone MESD OS=Mus musculus GN=Mesdc2 PE=1 SV=1
P70349	Hint1	1.005561457	0.008001257	0.92518125	0.033773177	Histidine triad nucleotide-binding protein 1 OS=Mus musculus GN=Hint1 PE=1 SV=3
Q922S4	Pde2a	1.00422621	0.006084284	0.925253443	0.03373929	cGMP-dependent 3',5'-cyclic phosphodiesterase OS=Mus musculus GN=Pde2a PE=1 SV=3
Q9R1V7-3	Adam23	0.99073213	-0.013433055	0.925892464	0.03343945	Isoform Gamma of Disintegrin and metalloproteinase domain-containing protein 23 OS=Mus musculus GN=Adam23
Q6P5F7	Ttyh3	1.007266326	0.010445189	0.926026101	0.033376772	Protein tweety homolog 3 OS=Mus musculus GN=Ttyh3 PE=1 SV=1
Q9CXW3	Cacybp	1.002709685	0.003903962	0.926111743	0.033336609	Calcyclin-binding protein OS=Mus musculus GN=Cacybp PE=1 SV=1
Q9WUZ9	Entpd5	1.009828038	0.01410964	0.926225906	0.033283076	Ectonucleoside triphosphate diphosphohydrolase 5 OS=Mus musculus GN=Entpd5 PE=1 SV=1
Q9CZX9	Emc4	1.010078786	0.014467827	0.92735691	0.032753088	ER membrane protein complex subunit 4 OS=Mus musculus GN=Emc4 PE=2 SV=1
Q9WVQ1-3	Magi2	1.010921902	0.015671547	0.927610583	0.032634305	Isoform 3 of Membrane-associated guanylate kinase, WW and PDZ domain-containing protein 2 OS=Mus musculus GN=Magi2
Q9WVQ1-4	Magi2	1.010921902	0.015671547	0.927610583	0.032634305	Isoform 4 of Membrane-associated guanylate kinase, WW and PDZ domain-containing protein 2 OS=Mus musculus GN=Magi2
P49442	Inpp1	0.995043911	-0.007167903	0.927865083	0.032515168	Inositol polyphosphate 1-phosphatase OS=Mus musculus GN=Inpp1 PE=1 SV=2
Q99LE6	Abcf2	1.010469119	0.015025232	0.928077558	0.032415729	ATP-binding cassette sub-family F member 2 OS=Mus musculus GN=Abcf2 PE=2 SV=1
Q6ZPQ6	Pitpnm2	1.008881679	0.012756986	0.928098205	0.032406067	Membrane-associated phosphatidylinositol transfer protein 2 OS=Mus musculus GN=Pitpnm2 PE=1 SV=2
Q8VDP4	Ccar2	0.992270318	-0.011194896	0.929009161	0.031980003	Cell cycle and apoptosis regulator protein 2 OS=Mus musculus GN=Ccar2 PE=1 SV=2
P63268	Actg2	0.99803865	-0.002832409	0.929180635	0.03189985	Actin, gamma-enteric smooth muscle OS=Mus musculus GN=Actg2 PE=1 SV=1
Q9JJK2	Lancl2	1.002688446	0.003873403	0.929942386	0.031543957	LanC-like protein 2 OS=Mus musculus GN=Lancl2 PE=1 SV=1
Q9R0D8	Wdr54	0.988979012	-0.015988191	0.930215117	0.031416607	WD repeat-containing protein 54 OS=Mus musculus GN=Wdr54 PE=2 SV=1
Q9JI90	Rnf14	1.011165885	0.016019695	0.930925218	0.031085205	E3 ubiquitin-protein ligase RNF14 OS=Mus musculus GN=Rnf14 PE=2 SV=2
Q6PHQ8	Naa35	0.987979262	-0.017447336	0.931056311	0.031024052	N-alpha-acetyltransferase 35, NatC auxiliary subunit OS=Mus musculus GN=Naa35 PE=1 SV=1
Q99MR0	Actl6b	0.993225465	-0.009806844	0.93126224	0.030928006	Actin-like protein 6B OS=Mus musculus GN=Actl6b PE=1 SV=1
Q8K0G5	Tssc1	0.993682486	-0.009143157	0.932268906	0.030458801	Protein TSSC1 OS=Mus musculus GN=Tssc1 PE=2 SV=2
Q9Z0P5	Twf2	1.006327596	0.009100031	0.932959181	0.030137357	Twinfilin-2 OS=Mus musculus GN=Twf2 PE=1 SV=1
Q9WUA3-2	Pfkp	0.994059162	-0.008596378	0.933559548	0.029857975	Isoform 2 of 6-phosphofructokinase type C OS=Mus musculus GN=Pfkp
Q9JKK7	Tmod2	0.993207973	-0.009832252	0.933788848	0.029751317	Tropomodulin-2 OS=Mus musculus GN=Tmod2 PE=1 SV=2
Q9QUJ7	Acsl4	0.992727546	-0.01053027	0.934549808	0.029397547	Long-chain-fatty-acid--CoA ligase 4 OS=Mus musculus GN=Acsl4 PE=2 SV=2
P17156	Hspa2	0.997335076	-0.003849805	0.935659659	0.028882095	Heat shock-related 70 kDa protein 2 OS=Mus musculus GN=Hspa2 PE=1 SV=2
Q60673	Ptprn	0.99060453	-0.013618877	0.936385813	0.028545175	Receptor-type tyrosine-protein phosphatase-like N OS=Mus musculus GN=Ptprn PE=1 SV=2
Q9Z1X4-3	Ilf3	1.004019081	0.005786688	0.937985011	0.027804102	Isoform 3 of Interleukin enhancer-binding factor 3 OS=Mus musculus GN=Ilf3
Q05512-3	Mark2	1.002755324	0.003969626	0.93886571	0.027396522	Isoform 3 of Serine/threonine-protein kinase MARK2 OS=Mus musculus GN=Mark2
Q6PFR5	Tra2a	0.988256475	-0.017042592	0.941497515	0.026180822	Transformer-2 protein homolog alpha OS=Mus musculus GN=Tra2a PE=1 SV=1
Q9CZW4	Acsl3	1.005370639	0.007727462	0.941922312	0.025984915	Long-chain-fatty-acid--CoA ligase 3 OS=Mus musculus GN=Acsl3 PE=1 SV=2
Q8BYA0	Tbcd	0.992719505	-0.010541956	0.942211437	0.025851628	Tubulin-specific chaperone D OS=Mus musculus GN=Tbcd PE=2 SV=1
Q9JMH6	Txnrd1	0.989923056	-0.014611702	0.942793068	0.025583619	Thioredoxin reductase 1, cytoplasmic OS=Mus musculus GN=Txnrd1 PE=1 SV=3
P28184	Mt3	1.014822727	0.021227734	0.943352654	0.025325924	Metallothionein-3 OS=Mus musculus GN=Mt3 PE=1 SV=1
Q9D6Z1	Nop56	0.997630142	-0.00342304	0.944992075	0.024571834	Nucleolar protein 56 OS=Mus musculus GN=Nop56 PE=1 SV=2
Q99MI1-4	Erc1	0.992349205	-0.011080204	0.945749833	0.024223727	Isoform 3 of ELKS/Rab6-interacting/CAST family member 1 OS=Mus musculus GN=Erc1
Q9CPR5	Mrpl15	0.986031083	-0.020294969	0.945862411	0.024172033	39S ribosomal protein L15, mitochondrial OS=Mus musculus GN=Mrpl15 PE=2 SV=1
P62627	Dynlrb1	0.998241871	-0.002538677	0.945962196	0.024126219	Dynein light chain roadblock-type 1 OS=Mus musculus GN=Dynlrb1 PE=1 SV=3
P43276	Hist1h1b	0.998189331	-0.002614611	0.946434975	0.023909219	Histone H1.5 OS=Mus musculus GN=Hist1h1b PE=1 SV=2
Q9D0K2	Oxct1	0.998567071	-0.002068763	0.947671696	0.02334209	Succinyl-CoA:3-ketoacid coenzyme A transferase 1, mitochondrial OS=Mus musculus GN=Oxct1 PE=1 SV=1
Q9D517	Agpat3	1.007017143	0.010088244	0.948033659	0.023176243	1-acyl-sn-glycerol-3-phosphate acyltransferase gamma OS=Mus musculus GN=Agpat3 PE=1 SV=2
O88531	Ppt1	1.002736072	0.003941927	0.948202044	0.023099113	Palmitoyl-protein thioesterase 1 OS=Mus musculus GN=Ppt1 PE=2 SV=2
Q3UVR3	Ttbk2	0.977698822	-0.032537981	0.94992467	0.022310833	Tau-tubulin kinase 2 OS=Mus musculus GN=Ttbk2 PE=1 SV=1
P47964	Rpl36	0.996566467	-0.004962065	0.951113566	0.021767624	60S ribosomal protein L36 OS=Mus musculus GN=Rpl36 PE=2 SV=2
Q9ES97	Rtn3	1.003097316	0.004461576	0.951860909	0.021426509	Reticulon-3 OS=Mus musculus GN=Rtn3 PE=1 SV=2
Q91W43	Gldc	0.99351328	-0.009388843	0.951938261	0.021391217	Glycine dehydrogenase (decarboxylating), mitochondrial OS=Mus musculus GN=Gldc PE=1 SV=1
Q923T9-3	Camk2g	1.006342236	0.009121018	0.95214162	0.021298451	Isoform 3 of Calcium/calmodulin-dependent protein kinase type II subunit gamma OS=Mus musculus GN=Camk2g
P08103	Hck	1.002798442	0.00403166	0.952510551	0.021130205	Tyrosine-protein kinase HCK OS=Mus musculus GN=Hck PE=1 SV=4
Q6PHU5	Sort1	0.987569993	-0.018045094	0.954643219	0.020158908	Sortilin OS=Mus musculus GN=Sort1 PE=1 SV=1
Q3U898	Myeov2	1.009376351	0.01346419	0.954789492	0.020092369	Myeloma-overexpressed gene 2 protein homolog OS=Mus musculus GN=Myeov2 PE=3 SV=1
P20152	Vim	0.996806645	-0.00461441	0.95498721	0.020002445	Vimentin OS=Mus musculus GN=Vim PE=1 SV=3
Q8BK67	Rcc2	0.995386547	-0.006671207	0.955455739	0.019789427	Protein RCC2 OS=Mus musculus GN=Rcc2 PE=1 SV=1
Q9DBG7	Srpr	1.051194539	0.072029686	0.955624023	0.019712941	Signal recognition particle receptor subunit alpha OS=Mus musculus GN=Srpr PE=1 SV=1
P70441	Slc9a3r1	1.003061364	0.004409868	0.956507318	0.019311703	Na(+)/H(+) exchange regulatory cofactor NHE-RF1 OS=Mus musculus GN=Slc9a3r1 PE=1 SV=3
Q5SSM3-4	Arhgap44	1.001868509	0.002693173	0.956862177	0.019150612	Isoform 4 of Rho GTPase-activating protein 44 OS=Mus musculus GN=Arhgap44
Q6I6G8	Hecw2	0.993256522	-0.009761734	0.957105486	0.019040194	E3 ubiquitin-protein ligase HECW2 OS=Mus musculus GN=Hecw2 PE=2 SV=1
Q8K273	Mmgt1	0.994783555	-0.007545437	0.95757359	0.01882784	Membrane magnesium transporter 1 OS=Mus musculus GN=Mmgt1 PE=2 SV=1
Q8CCJ4	Amer2	1.004657662	0.006703985	0.957764277	0.018741365	APC membrane recruitment protein 2 OS=Mus musculus GN=Amer2 PE=1 SV=2
P63034-3	Cyth2	1.004968021	0.007149594	0.958176804	0.018554347	Isoform 3 of Cytohesin-2 OS=Mus musculus GN=Cyth2
P62715	Ppp2cb	0.997714856	-0.003300538	0.958212803	0.018538031	Serine/threonine-protein phosphatase 2A catalytic subunit beta isoform OS=Mus musculus GN=Ppp2cb PE=1 SV=1
O09114	Ptgds	1.003619179	0.005211946	0.958344002	0.018478571	Prostaglandin-H2 D-isomerase OS=Mus musculus GN=Ptgds PE=1 SV=1
P05480	Src	1.002304015	0.003320168	0.958755016	0.018292351	Neuronal proto-oncogene tyrosine-protein kinase Src OS=Mus musculus GN=Src PE=1 SV=4
P29595	Nedd8	0.997813708	-0.003157605	0.959090141	0.018140573	NEDD8 OS=Mus musculus GN=Nedd8 PE=1 SV=2
Q61165	Slc9a1	0.968925862	-0.045541813	0.959386988	0.018006176	Sodium/hydrogen exchanger 1 OS=Mus musculus GN=Slc9a1 PE=1 SV=1
Q3UMU9-3	Hdgfrp2	0.995374233	-0.006689055	0.959771537	0.017832134	Isoform 3 of Hepatoma-derived growth factor-related protein 2 OS=Mus musculus GN=Hdgfrp2
F6ZDS4	Tpr	1.002529933	0.003645313	0.960137357	0.017666632	Nucleoprotein TPR OS=Mus musculus GN=Tpr PE=1 SV=1
O88543	Cops3	0.998710553	-0.00186148	0.960253051	0.017614304	COP9 signalosome complex subunit 3 OS=Mus musculus GN=Cops3 PE=1 SV=3
Q9EPL2	Clstn1	0.996720252	-0.004739452	0.96036786	0.017562383	Calsyntenin-1 OS=Mus musculus GN=Clstn1 PE=1 SV=1
Q9JM14	Nt5c	1.002342544	0.003375624	0.961341935	0.017122113	5'(3')-deoxyribonucleotidase, cytosolic type OS=Mus musculus GN=Nt5c PE=1 SV=1
Q9CYI4	Luc7l	1.005719355	0.008227779	0.961553932	0.017026352	Putative RNA-binding protein Luc7-like 1 OS=Mus musculus GN=Luc7l PE=2 SV=2
Q9D964	Gatm	1.010085936	0.01447804	0.962259693	0.016707705	Glycine amidinotransferase, mitochondrial OS=Mus musculus GN=Gatm PE=1 SV=1
P61961	Ufm1	1.002334845	0.003364543	0.962459222	0.016617662	Ubiquitin-fold modifier 1 OS=Mus musculus GN=Ufm1 PE=1 SV=1
Q8K0P3	Tldc1	1.010776305	0.01546375	0.962518917	0.016590726	TLD domain-containing protein 1 OS=Mus musculus GN=Tldc1 PE=2 SV=1
Q03157	Aplp1	1.001704421	0.002456867	0.964209032	0.015828805	Amyloid-like protein 1 OS=Mus musculus GN=Aplp1 PE=1 SV=1
Q8C8N2-2	Scai	1.002281111	0.003287199	0.965348917	0.015315686	Isoform 2 of Protein SCAI OS=Mus musculus GN=Scai
P97822	Anp32e	0.997196228	-0.00405067	0.96587902	0.015077267	Acidic leucine-rich nuclear phosphoprotein 32 family member E OS=Mus musculus GN=Anp32e PE=1 SV=2
Q9Z2D1	Mtmr2	0.979710727	-0.029572258	0.966142569	0.014958782	Myotubularin-related protein 2 OS=Mus musculus GN=Mtmr2 PE=1 SV=3
Q9DB34	Chmp2a	1.00367384	0.005290519	0.966332675	0.014873335	Charged multivesicular body protein 2a OS=Mus musculus GN=Chmp2a PE=1 SV=1
Q8CH72	Trim32	0.996214753	-0.005471319	0.966608569	0.014749359	E3 ubiquitin-protein ligase TRIM32 OS=Mus musculus GN=Trim32 PE=1 SV=2
G3X9K3	Arfgef1	1.001991236	0.002869891	0.966610455	0.014748512	Brefeldin A-inhibited guanine nucleotide-exchange protein 1 OS=Mus musculus GN=Arfgef1 PE=2 SV=1
Q64514	Tpp2	0.998648809	-0.001950674	0.96722888	0.014470745	Tripeptidyl-peptidase 2 OS=Mus musculus GN=Tpp2 PE=1 SV=3
P06801	Me1	0.998929348	-0.001545452	0.968229906	0.014021507	NADP-dependent malic enzyme OS=Mus musculus GN=Me1 PE=1 SV=2
Q8R5L3	Vps39	0.990757248	-0.013396479	0.968340722	0.013971804	Vam6/Vps39-like protein OS=Mus musculus GN=Vps39 PE=2 SV=1
Q99PJ0	Ntm	1.003533347	0.005088557	0.968765051	0.013781537	Neurotrimin OS=Mus musculus GN=Ntm PE=2 SV=2
O88967	Yme1l1	0.995907565	-0.005916249	0.969516867	0.013444631	ATP-dependent zinc metalloprotease YME1L1 OS=Mus musculus GN=Yme1l1 PE=2 SV=1
Q9D773	Mrpl2	1.004043821	0.005822236	0.969868966	0.013286937	39S ribosomal protein L2, mitochondrial OS=Mus musculus GN=Mrpl2 PE=2 SV=1
Q2NL51	Gsk3a	0.996367971	-0.005249449	0.970350092	0.013071549	Glycogen synthase kinase-3 alpha OS=Mus musculus GN=Gsk3a PE=1 SV=2
Q99J09	Wdr77	0.994816492	-0.00749767	0.971012021	0.012775394	Methylosome protein 50 OS=Mus musculus GN=Wdr77 PE=1 SV=1
Q9D1I6	Mrpl14	0.997395777	-0.003762001	0.971991053	0.012337733	39S ribosomal protein L14, mitochondrial OS=Mus musculus GN=Mrpl14 PE=2 SV=1
Q9DBP5	Cmpk1	1.00112693	0.001624901	0.97231191	0.012194394	UMP-CMP kinase OS=Mus musculus GN=Cmpk1 PE=1 SV=1
P46467	Vps4b	0.997844543	-0.003113024	0.972599993	0.012065738	Vacuolar protein sorting-associated protein 4B OS=Mus musculus GN=Vps4b PE=1 SV=2
Q8VE37	Rcc1	1.006109884	0.00878788	0.972736908	0.012004606	Regulator of chromosome condensation OS=Mus musculus GN=Rcc1 PE=1 SV=1
Q9D6K8	Fundc2	1.006484045	0.009324302	0.973287351	0.011758921	FUN14 domain-containing protein 2 OS=Mus musculus GN=Fundc2 PE=2 SV=1
Q8BTG3	Tcp11l1	0.996589809	-0.004928274	0.973525429	0.0116527	T-complex protein 11-like protein 1 OS=Mus musculus GN=Tcp11l1 PE=2 SV=1
Q61598	Gdi2	0.999511914	-0.000704332	0.973879524	0.011494765	Rab GDP dissociation inhibitor beta OS=Mus musculus GN=Gdi2 PE=1 SV=1
Q8BHS6	Armcx3	0.997543793	-0.003547917	0.973975349	0.011452035	Armadillo repeat-containing X-linked protein 3 OS=Mus musculus GN=Armcx3 PE=1 SV=1
O08532-4	Cacna2d1	1.001878453	0.002707492	0.974316227	0.011300064	Isoform 2D of Voltage-dependent calcium channel subunit alpha-2/delta-1 OS=Mus musculus GN=Cacna2d1
D3Z6Q9	Bin2	1.002695347	0.003883332	0.974449819	0.011240521	Bridging integrator 2 OS=Mus musculus GN=Bin2 PE=1 SV=1
Q8K3H0	Appl1	0.998572491	-0.002060931	0.974638214	0.011156565	DCC-interacting protein 13-alpha OS=Mus musculus GN=Appl1 PE=1 SV=1
Q8CJ19	Mical3	1.003609421	0.005197919	0.97477694	0.011094753	Protein-methionine sulfoxide oxidase MICAL3 OS=Mus musculus GN=Mical3 PE=2 SV=2
P18572-2	Bsg	0.998800665	-0.001731312	0.974913838	0.011033765	Isoform 2 of Basigin OS=Mus musculus GN=Bsg
Q9CQZ1	Hsbp1	1.00205948	0.002968146	0.97528184	0.010869862	Heat shock factor-binding protein 1 OS=Mus musculus GN=Hsbp1 PE=2 SV=1
Q9CPW0	Cntnap2	1.004418157	0.006360014	0.975789175	0.010644004	Contactin-associated protein-like 2 OS=Mus musculus GN=Cntnap2 PE=1 SV=2
P18572	Bsg	0.998867065	-0.001635406	0.97629735	0.01041789	Basigin OS=Mus musculus GN=Bsg PE=1 SV=2
Q04750	Top1	1.003614831	0.005205696	0.976408865	0.010368286	DNA topoisomerase 1 OS=Mus musculus GN=Top1 PE=1 SV=2
Q8C8R3-6	Ank2	1.001636951	0.002359691	0.976951021	0.010127209	Isoform 6 of Ankyrin-2 OS=Mus musculus GN=Ank2
Q9CQ65	Mtap	1.002653928	0.003823737	0.977386283	0.00993376	S-methyl-5'-thioadenosine phosphorylase OS=Mus musculus GN=Mtap PE=1 SV=1
P62137	Ppp1ca	1.001675419	0.002415096	0.977800872	0.00974958	Serine/threonine-protein phosphatase PP1-alpha catalytic subunit OS=Mus musculus GN=Ppp1ca PE=1 SV=1
Q8K0S0	Phyhip	0.997928935	-0.002991013	0.978577696	0.009404687	Phytanoyl-CoA hydroxylase-interacting protein OS=Mus musculus GN=Phyhip PE=1 SV=1
P50136	Bckdha	0.996513432	-0.005038844	0.978601339	0.009394194	2-oxoisovalerate dehydrogenase subunit alpha, mitochondrial OS=Mus musculus GN=Bckdha PE=1 SV=1
P70398	Usp9x	0.998920766	-0.001557847	0.978992671	0.009220559	Probable ubiquitin carboxyl-terminal hydrolase FAF-X OS=Mus musculus GN=Usp9x PE=1 SV=2
Q61598-2	Gdi2	1.000390798	0.000563692	0.979446409	0.009019322	Isoform 2 of Rab GDP dissociation inhibitor beta OS=Mus musculus GN=Gdi2
Q9DCS3	Mecr	1.000951214	0.001371659	0.980756688	0.008438722	Trans-2-enoyl-CoA reductase, mitochondrial OS=Mus musculus GN=Mecr PE=1 SV=2
Q99KK9	Hars2	0.998090758	-0.002757087	0.981101917	0.008285876	Probable histidine--tRNA ligase, mitochondrial OS=Mus musculus GN=Hars2 PE=2 SV=1

Accession	Gene	Fold Change (KO vs. WT)	Log2 Fold Change	Students T Test	-Log10 T Test	Description
Q9Z2Y8	Prosc	1.002601027	0.003747617	0.981196097	0.008244188	Proline synthase co-transcribed bacterial homolog protein OS=Mus musculus GN=Prosc PE=1 SV=1
Q8BL65-3	Ablim2	1.015640938	0.022390453	0.981299105	0.008198597	Isoform 3 of Actin-binding LIM protein 2 OS=Mus musculus GN=Ablim2
Q8CBW3-3	Abi1	0.999242729	-0.001092925	0.981518867	0.008101348	Isoform 3 of Abl interactor 1 OS=Mus musculus GN=Abi1
Q99MR6-3	Srrt	0.999015548	-0.001420964	0.982115536	0.007837419	Isoform C of Serrate RNA effector molecule homolog OS=Mus musculus GN=Srrt
Q9D7M1	Gid8	1.002617706	0.003771617	0.982782684	0.007542504	Glucose-induced degradation protein 8 homolog OS=Mus musculus GN=Gid8 PE=2 SV=1
Q9Z268	Rasal1	0.997819947	-0.003148585	0.983577178	0.007191557	RasGAP-activating-like protein 1 OS=Mus musculus GN=Rasal1 PE=2 SV=2
Q6P9K9-2	Nrxn3	0.999253835	-0.00107689	0.983916239	0.007041872	Isoform 2a of Neurexin-3 OS=Mus musculus GN=Nrxn3
Q9EPK2-3	Rp2	0.997727027	-0.00328294	0.984084275	0.006967708	Isoform 3 of Protein XRP2 OS=Mus musculus GN=Rp2
Q9QXS6-2	Dbn1	0.999537161	-0.00066789	0.985170667	0.006488528	Isoform A2 of Drebrin OS=Mus musculus GN=Dbn1
P63168	Dynll1	1.002375696	0.00342334	0.985931772	0.006153138	Dynein light chain 1, cytoplasmic OS=Mus musculus GN=Dynll1 PE=1 SV=1
Q6Y7W8	Gigyf2	0.998653178	-0.001944362	0.986401618	0.005946224	PERQ amino acid-rich with GYF domain-containing protein 2 OS=Mus musculus GN=Gigyf2 PE=1 SV=2
Q6P5F9	Xpo1	1.001115119	0.00160788	0.986877297	0.005736842	Exportin-1 OS=Mus musculus GN=Xpo1 PE=1 SV=1
Q5DU31	Ipcef1	0.99748154	-0.003637953	0.986908574	0.005723078	Interactor protein for cytohesin exchange factors 1 OS=Mus musculus GN=Ipcef1 PE=2 SV=2
P47212	Gal	0.998773746	-0.001770196	0.987789088	0.005335776	Galanin peptides OS=Mus musculus GN=Gal PE=2 SV=1
P51660	Hsd17b4	0.999314087	-0.000989902	0.988231387	0.005141357	Peroxisomal multifunctional enzyme type 2 OS=Mus musculus GN=Hsd17b4 PE=1 SV=3
Q80TB8	Vat1l	0.998219959	-0.002570344	0.98844506	0.005047465	Synaptic vesicle membrane protein VAT-1 homolog-like OS=Mus musculus GN=Vat1l PE=2 SV=2
Q60872	Eif1a	1.001364032	0.001966542	0.989817946	0.004444676	Eukaryotic translation initiation factor 1A OS=Mus musculus GN=Eif1a PE=2 SV=3
Q8BH57-2	Wdr48	1.000524683	0.000756759	0.990582941	0.004109155	Isoform 2 of WD repeat-containing protein 48 OS=Mus musculus GN=Wdr48
Q9CQA1	Trappc5	0.999127893	-0.001258734	0.991313094	0.003789157	Trafficking protein particle complex subunit 5 OS=Mus musculus GN=Trappc5 PE=1 SV=1
Q91WG5	Prkag2	1.013304949	0.019068412	0.992772216	0.003150385	5'-AMP-activated protein kinase subunit gamma-2 OS=Mus musculus GN=Prkag2 PE=1 SV=2
Q80VP0	Tecpr1	1.002567483	0.003699348	0.993142474	0.002988444	Tectonin beta-propeller repeat-containing protein 1 OS=Mus musculus GN=Tecpr1 PE=2 SV=1
B1AXV0	Frrs1l	1.000652678	0.000941308	0.993751961	0.002722001	DOMON domain-containing protein FRRS1L OS=Mus musculus GN=Frrs1l PE=1 SV=1
Q9JJV2-2	Pfn2	0.999698712	-0.000434732	0.994205876	0.002523675	Isoform 2 of Profilin-2 OS=Mus musculus GN=Pfn2
O08808	Diaph1	1.00166205	0.002395841	0.994320828	0.002473463	Protein diaphanous homolog 1 OS=Mus musculus GN=Diaph1 PE=1 SV=1
Q61696	Hspa1a	0.999552514	-0.00064573	0.994337033	0.002466385	Heat shock 70 kDa protein 1A OS=Mus musculus GN=Hspa1a PE=1 SV=2
P97825	Hn1	0.999275778	-0.00104521	0.994682089	0.002315702	Hematological and neurological expressed 1 protein OS=Mus musculus GN=Hn1 PE=1 SV=3
Q8BLE7	Slc17a6	0.9997132	-0.000413824	0.997335792	0.001158595	Vesicular glutamate transporter 2 OS=Mus musculus GN=Slc17a6 PE=1 SV=1
Q8VE88	Fam114a2	0.999918867	-0.000117055	0.998287269	0.000744467	Protein FAM114A2 OS=Mus musculus GN=Fam114a2 PE=2 SV=2
A4Q9F0	Ttll7	1.000057756	8.33216E-05	0.999371703	0.000272952	Tubulin polyglutamylase TTLL7 OS=Mus musculus GN=Ttll7 PE=1 SV=1