

Gene symbol	Fold change
Abcc1	1/2.8
Abcc9	1/2.8
Abhd2	1/2.8
Abhd7	1/2.1
Ablim1	1/2.3
Accn4	1/2.6
Adora1	1/2.4
Adra1a	1/2.9
Agtppb1	1/2.3
Aloxe3	1/2.2
Ap3b2	1/2.1
Apobec2	1/3.5
Arfgef2	1/2.1
Arhgap11a	1/2.8
Art1	1/2.2
Art5	1/3.3
Atf3	1/2.2
Aurka	1/2.1
B3gat1	1/2.0
B3gnt5	1/3.1
B4galt5	1/2.3
Bace2	1/2.7
Bex2	1/2.1
Bpgm	1/2.2
Bruno16	1/2.7
C2cd2l	1/2.4
Cabp5	1/3.3
Calm3	1/2.4
Camk4	1/2.2
Camkk1	1/3.1
Carhsp1	1/2.1
Casp7	1/2.7
Cbx1	1/2.3
Ccdc126	1/2.0
Ccndbp1	1/2.2
Cdc216	1/2.2
Cds1	1/3.2
Ceacam20	1/2.4
Chrna3	1/2.6
Chrna7	1/3.1
Chrn4	1/2.3
Cited1	1/2.4
Ckap2	1/2.4
Ckmt1	1/3.3
Clca3	1/3.8
Cldn22	1/2.1
Clstn3	1/2.2
Cnrip1	1/2.2
Cntf	1/2.2
Col7a1	1/3.6

Gene symbol	Fold change
Cpa2	1/2.2
Cplx2	1/2.4
Crbn	1/2.2
Creml	1/2.8
Ctsb	1/2.0
Cxx1c	1/2.2
Cyp1a1	1/3.6
Dbn1d1	1/3.2
Dcl1	1/2.9
Ddah1	1/2.9
Depdc7	1/3.3
Disp2	1/2.0
Dlc1	1/2.1
Dmkn	1/2.3
Dnajc12	1/2.0
Dner	1/2.5
Dohh	1/3.5
Dpp10	1/2.3
Dpp4	1/2.2
Dpysl5	1/2.2
Drd1a	1/3.0
Dusp14	1/2.9
E2f1	1/2.2
E2f8	1/3.1
Edil3	1/2.5
Ednrb	1/2.2
Egflam	1/2.2
Eif1a	1/2.2
Eno2	1/3.2
Enpp6	1/2.5
Epha10	1/2.9
Ephx4	1/2.1
Eps8	1/2.3
Evi2a	1/3.6
F2r	1/3.4
Fat3	1/3.5
Fbln5	1/2.6
Fbx12	1/2.2
Fbxo44	1/2.5
Flvcr2	1/2.5
Frm1d1	1/3.6
Fscn1	1/2.0
Fut4	1/2.4
Gabarapl1	1/2.4
Galnt9	1/2.0
Gchfr	1/2.1
Gckr	1/3.7
Gdap1	1/2.1
Gfer	1/2.3
Gla	1/2.2

Gene symbol	Fold change
Gls2	1/2.0
Gm239	1/2.6
Gnat2	1/2.8
Gnb5	1/2.2
Gpr132	1/2.5
Gpr137c	1/2.2
Gpr143	1/3.4
Gpr19	1/2.4
Gpsm3	1/2.2
Grtp1	1/2.2
Gucyl1b3	1/2.4
Gzmm	1/2.0
Hand1	1/2.4
Hap1	1/2.2
Hapln4	1/2.7
Hcn3	1/2.6
Hdhd3	1/4.0
Hebp2	1/2.0
Hisppd2a	1/3.3
Hmgn1	1/3.0
Htatip2	1/2.1
Htr3a	1/2.1
Iah1	1/2.3
Icmt	1/2.0
Ifng	1/3.4
Igf1r	1/2.5
Igh-6	1/2.4
Il7	1/2.1
Jam2	1/3.4
Kcnab2	1/2.1
Kcnc1	1/2.1
Kcnk3	1/2.3
Kcnq4	1/3.5
Kif1a	1/3.5
Kiss1r	1/3.8
Kpna6	1/2.0
Kremen1	1/2.3
Krt24	1/2.1
Lhfp13	1/2.5
Lpl	1/2.7
Lrat	1/2.4
Lrfn2	1/3.2
Lrit2	1/2.3
Lrrc2	1/3.6
Lrrc24	1/2.4
Lrrc27	1/2.8
Lrrip2	1/2.2
Lrrtm2	1/2.1
Lypd6	1/4.0
Mdm1	1/3.7

Gene symbol	Fold change
Mlph	1/2.1
Mrpl49	1/2.8
Mt1	1/2.1
Mt2	1/3.7
Mttr14	1/2.6
Naip2	1/2.1
Naip5	1/2.6
Ncoa3	1/2.1
Neurl	1/3.8
Nhlrc2	1/2.6
Npb	1/2.9
Nptx1	1/2.2
Nrn1l	1/2.7
Nrxn3	1/2.1
Nsd1	1/2.2
Nsf	1/2.9
Nxn1l	1/3.4
Obfc1	1/2.7
Optn	1/2.0
Osbp2	1/3.1
Otop3	1/3.7
P2rx5	1/2.4
Pak3	1/2.9
Pbx2	1/2.3
Pcdh15	1/2.1
Pde1c	1/2.2
Pde7b	1/2.1
Pde8b	1/3.6
Pdlim7	1/2.4
Phyhip1	1/2.1
Pi4k2b	1/3.1
Pitpnm3	1/2.8
Pmvk	1/2.2
Pnpo	1/2.0
Pole3	1/2.3
Pols	1/2.5
pparda	1/3.1
Pparg	1/3.2
Ppp1r3c	1/2.4
Prc1	1/2.5
Prima1	1/2.9
Prmt8	1/2.9
Prnpip1	1/2.4
Prr1l	1/2.1
Psat1	1/3.4
Pscd1	1/3.1
Ptprn	1/2.9
Ptptr	1/2.5
Qdpr	1/2.0
Rabepk	1/2.3

Gene symbol	Fold change
Rapgef5	1/2.4
Rasl11b	1/2.1
Rbpj	1/3.2
Rbpms2	1/3.4
Rcor3	1/2.4
Rdh9	1/2.0
Rgag4	1/2.2
Ric3	1/2.2
Rims3	1/2.3
Ripply2	1/2.1
Rlbp111	1/2.5
Rnf13	1/3.4
Rnf165	1/2.6
Rom1	1/2.7
Rraga	1/2.2
Runx1	1/2.1
Rwdd4a	1/2.4
S100a1	1/2.1
Scamp1	1/2.7
Scg2	1/3.6
Scgn	1/3.0
Sec14l1	1/2.1
Sgip1	1/3.1
Sh2d5	1/3.9
Sin3b	1/2.1
Slc11a1	1/2.1
Slc12a1	1/2.1
Slc25a22	1/3.2
Slc25a35	1/2.8
Slc27a3	1/2.0
Slc29a2	1/2.1
Slc34a1	1/2.7
Slc6a6	1/2.2
Slc6a7	1/2.1
Slc6a9	1/2.3
Slc7a5	1/2.5
Slc9a5	1/2.3
Slco1a5	1/3.9
Smarcad1	1/2.0
Snph	1/2.3
Snx10	1/3.0
Sorbs1	1/3.3
Sorl1	1/2.7
Sp6	1/2.2
St8sia2	1/3.0
Stard4	1/2.3
Sult4a1	1/2.1
Susd3	1/3.3
Svop	1/2.6
Syn2	1/3.2

Gene symbol	Fold change
Sync	1/2.1
Syt1	1/2.6
Syt2	1/2.8
Saal1	1/3.3
Tac4	1/3.1
Tbc1d1	1/2.5
Tbc1d30	1/2.1
Tbx21	1/2.1
Tc2n	1/3.5
Tchh	1/2.0
Terf2ip	1/2.1
Tgoln1	1/2.6
Tgoln2	1/2.6
Tgs1	1/2.1
Tmem144	1/2.8
Tmem16k	1/2.5
Tmem179	1/2.0
Tmem202	1/2.5
Tmem38b	1/2.1
Traf1	1/2.0
Traip	1/3.4
Tspan10	1/2.2
Ttc28	1/2.5
Ttc39c	1/2.1
Ttc9c	1/2.1
Ttk	1/2.8
Ttyh1	1/3.9
Tulp1	1/2.9
Ubl5	1/2.3
Wfs1	1/3.4
Wnk3	1/2.1
Xylb	1/2.2
Zdhhc2	1/2.7
Zfp385b	1/2.5
Zfp57	1/2.3
Zwint	1/2.1
A230051N06Rik	1/2.2
A530058N18Rik	1/2.1
A930009E05Rik	1/2.0
A930015G24Rik	1/2.5
A930018P22Rik	1/2.7
AK001237	1/2.5
AK001541	1/2.5
AK023186	1/3.1
AK023913	1/3.6
AK026212	1/3.0
AK027103	1/2.4
AK027355	1/2.7
AK027376	1/2.8
AK034059	1/3.6

Gene symbol	Fold change
AK040987	1/2.5
AK046467	1/3.9
AK054820	1/2.0
AK055773	1/2.0
AK074540	1/2.1
AK078237	1/2.8
AK083645	1/3.6
AK089148	1/2.3
AK092479	1/2.2
AK092994	1/2.2
AK098487	1/2.6
AK124123	1/3.4
AK125044	1/3.0
AK125328	1/3.3
AK160303	1/2.3
AK293833	1/2.4
AK295431	1/2.1
AK299620	1/3.8
AK304130	1/2.5
AK308405	1/2.5
AU015791	1/2.5
AW146242	1/2.8
B130024G19Rik	1/3.0
B230112C05Rik	1/3.7
B230209C24Rik	1/3.1
BC022687	1/2.3
BC027072	1/2.2
C030014L02	1/2.4
C030027H14Rik	1/2.1
D430041D05Rik	1/2.6
D5Wsu178e	1/2.1
EG215714	1/2.3
EG245305	1/2.1
EG545391	1/2.1
ENSBTAT00000004057	1/2.5
ENSBTAT00000036136	1/3.7
ENSBTAT00000046515	1/2.9
ENSCAFT00000027361	1/2.0
ENSRNOT00000049631	1/2.8
ENSRNOT00000061665	1/2.7
ENST00000327506	1/2.9
LOC100038890	1/2.6
LOC100040766	1/2.9
LOC100044755	1/3.5
LOC100044875	1/2.5
LOC100044882	1/3.1
LOC100046112	1/2.1
LOC100046261	1/3.1
LOC100046558	1/3.4
LOC100046959	1/2.5

Gene symbol	Fold change
LOC100047028	1/2.3
LOC100047123	1/2.2
LOC100047619	1/2.5
LOC100047659	1/2.0
LOC100047936	1/2.6
LOC100048526	1/3.8
LOC100048603	1/2.8
LOC100048701	1/3.6
LOC634286	1/3.6
LOC669888	1/2.7
LOC676389	1/2.6
LOC720213*	1/2.9
NM_001107532	1/2.1
NM_174641	1/2.4
NM_214172	1/2.2
RIKEN full-length enrich	1/4.0
RIKEN full-length enrich	1/3.9
XM_001053355	1/2.2
XM_001065204	1/2.9
XM_001077059	1/2.6
XM_001093939	1/3.0
XM_001094160	1/3.0
XM_001107577	1/2.3
XM_001112105	1/2.2
XM_001136882	1/2.5
XM_001159895	1/2.1
XM_001252145	1/2.8
XM_001492566	1/3.3
XM_037557	1/2.1
XM_226742	1/2.1
XM_342195	1/2.1
XM_538776	1/2.3
XM_549362	1/2.4
XM_603816	1/3.7
XM_844753	1/2.4
XM_855529	1/2.1
XM_862973	1/2.2
XR_024632	1/3.0
XR_044848	1/2.8
1110046J04Rik	1/2.9
1600002H07Rik	1/2.8
1700025G04Rik	1/2.0
1700049J03Rik	1/2.5
1700112E06Rik	1/3.5
2010002N04Rik	1/3.7
2010011I20Rik	1/3.6
2310026L22Rik	1/2.0
2410137M14Rik	1/2.4
2610100L16Rik	1/2.1
2810038L03Rik	1/2.1

Gene symbol	Fold change
2810434M15Rik	1/2.4
2900008C10Rik	1/2.3
3110001A13Rik	1/2.2
3110027N22Rik	1/2.2
4631422O05Rik	1/2.1
4832406H04Rik	1/2.1
4930517J16Rik	1/2.4
4930545L23Rik	1/2.9
4931440B09Rik	1/3.7
4933433P14Rik	1/2.1
5730422E09Rik	1/2.1
6330406I15Rik	1/2.1
6430706D22Rik	1/2.9
6720469N11Rik	1/3.0
7530414M10Rik	1/2.2
9330182L06Rik	1/2.9
9430051O21Rik	1/2.6
9530096D07Rik	1/2.0
9630028H03Rik	1/2.7
100040297	1/2.3
100040465	1/3.1