

Gene Symbol	Fold change
Abca8a	2.55
Abcb1a	2.25
Abcc4	2.01
Abi3bp	2.07
Acpl2	2.60
Acsbg1	2.11
Actg2	2.36
Adam11	2.41
Adam12	2.41
Adam23	2.83
Adamts12	2.25
Adamts2	2.11
Adamts9	2.16
Adcy5	2.01
Adra2a	2.20
Afap111	2.20
Ahnak2	2.04
Aifm3	2.33
Alcam	2.08
Aldh1a2	3.51
Ankrd43	2.57
Anks1b	2.43
Anpep	2.45
Anxa3	2.03
Apcdd1	2.04
Aplnr	2.03
Aqp4	2.14
Arhgap20	2.17
Arhgef7	2.01
Arnt2	2.25
Asgr1	2.45
Aspa	2.45
Atp1a2	2.83
Baiap3	2.25
Barx2	2.28
Bcan	3.56
Bex1	2.08
Bicc1	2.08
Bmp5	2.04
Bmper	2.33
Bnc2	2.46
Boc	2.06
Brsk1	2.31
Btbd11	2.03
Btla	2.25
C1ql2	3.32
C1qtnf7	2.11
C2	2.66
Cacna1a	2.17
Cacna2d1	2.51

Gene Symbol	Fold change
Cadps	3.76
Cadps2	2.45
Calb1	3.68
Calb2	2.57
Camk2a	3.34
Cand2	2.13
Car10	2.62
Card14	2.35
Cbr3	2.03
Ccbe1	2.20
Ccdc80	2.10
Cckbr	2.64
Cd248	2.71
Cdgap	2.38
Cdh1	2.87
Cdk5r2	2.85
Cdo1	2.22
Cercam	2.16
Ces7	2.33
Cfi	2.27
Chac1	3.05
Chad	2.57
Chl1	2.97
Chn2	2.60
Chrna6	2.85
Chst1	2.45
Cldn11	2.06
Clip3	2.06
Cmklr1	2.03
Cnih2	2.17
Cnksr2	2.17
Cnpy1	3.92
Cntfr	2.16
Cntnap4	2.13
Coch	2.33
Col11a1	2.04
Col12a1	2.04
Col14a1	2.85
Col15a1	2.04
Col16a1	2.27
Col18a1	2.27
Col25a1	2.87
Col3a1	2.51
Col4a1	2.27
Col5a1	2.22
Col5a2	2.83
Col6a1	2.48
Col6a2	2.73
Col6a3	3.16
Colec12	2.04

Gene Symbol	Fold change
Copz2	2.31
Cox4i2	2.20
Cox8b	2.71
Crabp2	2.68
Crim2	2.53
Csn3	2.51
Cts6	2.62
Ctxn1	2.08
Cugbp2	2.31
Cyp1b1	2.53
Cyp2f2	2.95
Cyp2j9	2.35
Cyp4v3	2.10
Dcc	2.04
Ddhd1	2.04
Ddn	3.27
Dgka	2.11
Dlgap1	2.14
Dlx2	2.10
Dmp1	2.01
Dmpk	2.03
Dnahc6	2.41
Dock3	2.55
Dock5	2.27
Drp2	2.03
Dsp	2.11
Dusp15	2.27
Dynlrb2	2.16
Dzip1	2.01
Daam2	2.14
Efhd1	2.45
Egfl8	2.04
Egfr	2.23
Egln3	2.13
Egr3	2.50
Eln	2.04
Elov1l	2.13
Emid2	2.39
Eml1	2.57
Enc1	2.30
Enpp1	2.07
Eppk1	2.10
Ermap	2.04
Eya1	2.04
Eya2	2.23
Fbln7	2.10
Fbn1	2.04
Fbxl7	2.03
Fhl2	2.39
Fkbp1b	2.35

Gene Symbol	Fold change
Fn1	2.07
Foxc1	2.35
Foxd1	2.27
Foxd2	2.08
Foxp2	2.28
Foxred2	2.19
Frmf3	2.20
Frzb	3.89
Fst	2.25
Fstl5	3.89
Gabrb2	2.95
Gabbr2	3.92
Galnt13	2.45
Garnl4	3.46
Gas7	2.06
Gbp2	2.33
Gfap	2.43
Gfod1	2.57
Gfra2	2.50
Gfra3	2.48
Gjb2	2.38
Gjb6	2.69
Gli3	2.50
Glis2	2.08
Gm484	2.53
Gng13	3.32
Gng3	3.23
Gp1bb	2.06
Gpr124	2.03
Gpr37l1	2.06
Gpr68	2.23
Gpr85	2.03
Gprin3	2.69
Gria3	2.19
Grin2d	2.79
Grin3a	2.19
Grm7	3.48
Gsbs	3.86
Gsg1l	3.68
Gsto1	2.33
Gypc	2.14
H19	2.25
Hdac9	2.14
Hes5	2.07
Heyl	2.27
Hic1	2.27
Hist3h2ba	2.50
Hmgcs2	3.07
Hoxc5	2.04
Hpcal4	2.79

Gene Symbol	Fold change
Hpgd	2.17
Hsd17b11	2.22
Htr1d	2.01
Htra3	3.16
Ifih1	2.11
Igh-6	2.19
Igl-V1	2.08
Igsf1	2.08
Igsf3	2.13
Ihpk2	2.11
Il12rb2	2.19
Il33	2.27
Impg1	3.07
Inmt	2.03
Intu	2.08
Ipw	2.43
Iqub	2.01
Irx1	3.76
ISL1	3.53
Islr	2.13
Itga1	2.25
Itga4	2.19
Itga8	2.08
Itgb1	2.91
Itih5	2.30
Jph1	2.03
Kank4	2.66
Kcna1	2.07
Kcna6	2.36
Kcnc2	2.48
Kcnc4	2.13
Kcnj10	2.57
Kcnj16	2.31
Kcnk5	2.36
Kcnq5	2.25
Kcnt1	2.75
Kdr	2.01
Kif5a	2.62
KLK13	2.19
Klra17	2.11
Krt73	2.17
L1cam	2.28
Lama4	2.11
Lcn2	2.17
Ldhb	2.07
Ldlrad3	2.30
Lect1	2.19
Lgi4	2.01
Lhx1	2.14
Lmo4	2.04

Gene Symbol	Fold change
Lonrf3	2.50
Lox	2.22
Lpar1	2.43
Lphn2	2.99
Lphn3	2.13
Lrrn3	2.66
Lrrtm1	3.07
Lsamp	2.48
Lysmd2	2.31
Mal2	2.79
Masp1	2.23
Mbp	3.14
mCG_21548	2.14
Met	2.04
Mfap3l	2.06
Mfap5	2.19
Mkx	2.08
Mmrn1	2.48
Mobkl2b	2.14
Mobp	2.08
Morn1	3.14
Mpz	2.58
Mpzl2	2.30
Mrap	2.07
Mrc2	2.11
Mrgprf	2.81
Mrvi1	2.08
Myb	2.14
Myocd	2.11
Myp0	2.58
Myt1l	3.43
Ncan	2.45
Nell2	2.93
Neu2	2.62
Ngp	2.35
Nid1	2.20
Nkain1	2.58
Nkain2	2.07
Nnmt	2.17
Nol4	2.41
Nos1ap	3.25
Nov	2.06
Npas3	2.01
Nppc	2.85
Nptx2	2.27
Nr2f1	2.66
Nrg1	2.97
Nrxn1	2.16
Ntng1	2.91
Ntrk2	2.36

Gene Symbol	Fold change
Nts	3.20
Ntsr1	2.99
Nxph1	2.51
Nxph4	2.36
Naalad2	2.14
Oasl2	2.10
Odz4	2.58
Olfm3	2.36
Omd	2.46
Gm15698	2.20
Gm12824	2.79
P2ry14	2.16
Pard6g	2.04
Pcdh7	2.66
Pcdh8	3.68
Pcdh9	3.48
Pcdhb10	2.07
Pcdhb17	2.08
Pcdhb3	2.58
Pclo	2.06
Pcsk5	3.05
Pdgfrl	2.22
Pdzrn3	2.87
Pear1	2.07
Peg10	2.35
Per3	2.75
Pla2g4a	2.07
Plekhg2	2.10
Plp1	2.39
Plxdc2	2.23
Plxna2	2.03
Pnp1	2.19
Pou3f3	3.23
Ppic	2.19
Pram1	2.08
Prdm6	2.35
Prei4	2.06
Prkg2	2.55
Prokr1	2.62
Prrx1	2.20
Prrx2	2.04
Ptch2	2.20
Ptchd1	2.87
Ptger2	2.04
Ptpn14	2.07
Ptprd	2.55
Pvr13	2.04
Rab6b	2.53
Ranbp3l	3.05
Rap1gap	2.23

Gene Symbol	Fold change
Rasl10a	2.06
Reln	2.36
Reps2	2.91
Rerg	2.13
Rgs16	3.58
Rgs4	2.31
Rgs8	2.25
Rimbp2	3.94
Rit2	2.28
Rncr2	2.50
Rnf144a	2.19
Robo1	2.57
Rprm	2.20
Rspo1	2.10
Ryr3	2.14
S100a8	2.99
S100a9	2.50
S100b	2.19
S1pr3	2.38
Scara3	2.73
Scn1b	2.10
Scn2a1	2.01
Scn3a	2.16
Scn7a	2.13
Scrn1	2.22
Sema3a	3.89
Sema3d	2.14
Sept11	2.07
Sept3	2.23
Serpib6b	2.41
Serpib6c	2.30
Serpig1	2.16
Sfrp4	2.33
Sfrp5	2.50
Shisa3	2.33
Six1	2.01
Slc13a3	2.06
Slc15a1	2.16
Slc15a2	2.87
Slc16a11	3.03
Slc16a13	2.22
Slc1a3	2.66
Slc22a23	2.28
Slc22a6	2.55
Slc22a8	3.25
Slc24a3	2.17
Slc2a3	2.01
Slc30a10	2.08
Slc38a2	2.16
Slc47a1	2.36

Gene Symbol	Fold change
Slc6a13	2.03
Slc7a11	2.22
Slc7a14	3.01
Slc9a2	2.03
Smarca1	2.08
Smoc2	2.10
Snca	2.11
Sox10	2.91
Spock3	2.25
Sqrdl	2.13
Sst	2.95
St6galnac1	2.04
Stra6	2.11
Synpo2	2.77
Syt12	2.20
Tanc1	2.03
Tbr1	2.28
Tbx18	2.01
Tbx3	3.14
Tcerg11	2.64
Tcfcp211	2.19
Tfpi	2.22
Tfpi2	3.14
Tgfb1i1	2.04
Thbs2	2.07
Thsd4	2.07
Thy1	2.36
Tlr1	3.10
Tmem119	2.06
Tmem130	2.79
Tmem151b	2.07
Tmem164	2.14
Tmem30b	2.16
Tmem30b	2.16
Tmod2	2.31
Tnfaip2	2.13
Tox3	2.75
Trhde	3.36
Trip6	2.62
Trp53i11	2.01
Tshz3	2.08
Tspan8	3.25
Tuba4a	2.08
Tubb4	2.41
Twist1	2.22
Twist2	2.41
Unc13c	2.50
Unc5c	2.16
Upk1b	3.23
Uroc1	2.75

Gene Symbol	Fold change
Usp29	2.41
Ust	2.13
Vash2	2.28
Vcan	2.68
Vegfc	2.01
Vsnl1	3.07
Vstm2a	2.22
Wnk4	2.33
Wnt10a	2.85
Wnt4	2.64
Wnt6	2.03
Ypel4	2.48
Zcchc12	2.01
Zfhx2as	2.11
Zfp467	2.16
Zfpm2	2.43
Zic3	3.12
Zmat4	2.73
Aard	2.22
AK140299	2.57
AI854517	2.04
AW125753	3.03
AK019785	3.53
AK022603	2.11
AK026918	2.10
AK027056	2.46
AK031258	2.01
AK032637	2.14
AK033438	2.08
AK034162	2.16
AK038473	3.41
AK042305	2.39
AK043222	2.03
AK043754	2.41
AK044953	2.97
AK045688	3.16
AK049553	2.03
AK049921	2.23
AK051335	2.06
AK051929	2.23
AK075427	3.14
AK089161	2.13
AK093780	2.01
AK095095	2.46
AK124067	2.10
AK124945	2.16
AK127444	2.25
AK130273	2.33
AK134798	2.69
AK134972	2.93

Gene Symbol	Fold change
AK135574	2.55
AK138348	3.39
AK138429	2.60
AK142834	2.28
AK142900	2.16
AK143031	2.33
AK144697	2.17
AK148851	2.13
AK148867	3.01
AK156187	2.13
AK162886	2.55
AK164777	2.10
AK225606	2.10
AK294907	2.28
AK298134	2.39
AK298339	2.41
AK299460	2.35
AK300020	2.19
AK300946	2.43
AK310837	2.01
A130004G11Rik	2.01
A530047J11Rik	2.60
A730009E18Rik	2.17
A730011C13Rik	2.68
A730056A06Rik	2.04
A930009L07Rik	2.64
A930017M01Rik	2.30
A930034L06Rik	2.14
BB146404	2.69
BC004044	2.43
BC018242	2.31
BC055107	2.01
C130030K03Rik	2.08
C130068B02Rik	2.03
C530008M17Rik	2.30
C77713	2.48
D11Bwg0517e	3.14
D330040H18Rik	2.50
D430039N05Rik	3.56
D630004K10Rik	2.13
E030016H06Rik	2.23
E330009J07Rik	2.60
E430002G05Rik	2.43
E430016P22Rik	2.22
EG245190	3.18
EG665934	2.95
ENSBTAT0000000231	2.45
ENSMODT0000001033	2.04
ENST00000265579	2.51
LOC100044161	2.77

Gene Symbol	Fold change
LOC100044679	2.20
LOC100044812	2.17
LOC100045085	2.03
LOC100045484	2.48
LOC100045567	2.19
LOC100046727	2.01
LOC100046767	2.01
LOC100047142	2.17
LOC100047385	2.01
LOC100047470	2.27
LOC100047530	2.28
LOC100047888	2.45
LOC100048050	2.99
LOC230628	2.53
LOC634842	3.43
LOC669392	2.95
LOC674483	2.20
LOC677282	2.57
LOC701893	2.30
LOC712321	2.14
LOC776679	2.01
NM_001007594	2.28
NM_001035464	2.14
NM_001102516	2.10
NM_001106121	2.81
NM_001106666	2.46
NM_001107432	2.13
NM_001108078	2.03
NM_001108862	2.06
NM_012893	2.36
NM_053822	2.99
NM_214347	2.16
XM_001053015	2.28
XM_001053312	2.33
XM_001054111	2.22
XM_001058628	2.83
XM_001067870	2.01
XM_001073457	3.23
XM_001076955	2.43
XM_001080417	2.13
XM_001082676	2.99
XM_001088438	2.04
XM_001088649	2.39
XM_001088713	2.17
XM_001089160	2.45
XM_001091361	2.13
XM_001095563	2.04
XM_001098094	2.46
XM_001099341	2.11
XM_001099442	2.11

Gene Symbol	Fold change
XM_001100822	2.08
XM_001101025	2.08
XM_001107526	2.01
XM_001107897	2.06
XM_001108317	2.03
XM_001109727	2.03
XM_001110003	2.04
XM_001110109	2.04
XM_001113480	2.79
XM_001113794	2.89
XM_001145930	2.43
XM_001150473	2.17
XM_001162335	2.11
XM_001164572	2.10
XM_001724386	2.57
XM_001925065	2.11
XM_001926010	2.08
XM_215451	2.68
XM_235962	2.33
XM_241632	2.20
XM_243912	2.04
XM_516488	2.55
XM_516592	2.57
XM_521649	2.19
XM_588692	2.01
XM_843577	2.22
XM_848960	2.95
XM_861214	2.62
XR_010828	2.14
XR_012731	2.07
0610030E20Rik	2.22
1110017I16Rik	2.71
1110032A04Rik	3.10
1700001C02Rik	2.27
1700027A23Rik	2.20
1810041L15Rik	3.01
2210023G05Rik	2.19
2210411A11Rik	2.77
2310014D11Rik	2.16
2600009P04Rik	2.33
2610017I09Rik	3.61
2610204M08Rik	2.17
2610305D13Rik	2.64
2700046A07Rik	2.10
2810489J07Rik	2.30
2900052N01Rik	2.22
3110006E14Rik	2.57
4631426J05Rik	2.19
4833409A17Rik	2.01
4921530D09Rik	2.03

Gene Symbol	Fold change
4930488B01Rik	3.05
4930524O07Rik	2.60
4932441J04Rik	3.12
4933413A10Rik	2.85
5031426D15Rik	2.28
5330422M15Rik	3.03
5430407P10Rik	2.99
6230424C14Rik	2.48
6330514A18Rik	2.30
6430550H21Rik	2.43
8030425K09Rik	2.07
8430420F16Rik	2.41
8430436O14Rik	2.08
9030425E11Rik	2.20
9130005N14Rik	2.08
9130230N09Rik	2.19
9430028L06Rik	2.43
9530086O07Rik	2.39
9630041G16Rik	2.85
9930013L23Rik	2.11