

# Riggs, et al. Supplemental Table ST2

Genes >= 1.5 fold down regulated vs MEF starting cells

mESC	Fold vs MEF	iPS1	Fold vs MEF	iPS2	Fold vs MEF	ROFC	Fold vs MEF	ROFKT	Fold vs MEF	OFC	Fold vs MEF	OFT	Fold vs MEF
Tnnc1	-100.00	Actc1	-50.00	Gtp2	-25.00	Myl4	-100.00	Tnnc1	-100.00	Acta1	-50.00	Igf2	-100.00
Myl1	-100.00	Myl1	-50.00	Ddit3	-16.67	Tnnc1	-100.00	Actc1	-50.00	Actc1	-50.00	Myl1	-100.00
Myl4	-50.00	Myl4	-50.00	Igfbp5	-16.67	Actc1	-50.00	Myl1	-50.00	Myl1	-50.00	Myl4	-100.00
Actc1	-50.00	Tnnc1	-50.00	Usp18	-14.29	Myl1	-50.00	Myl4	-33.33	Myl4	-50.00	Acta1	-50.00
Myh3	-25.00	Myh3	-33.33	Mfap4	-12.50	Acta1	-33.33	Acta1	-25.00	Mylpf	-50.00	Actc1	-50.00
Tnnt1	-20.00	Tnnt1	-33.33	Ptx3	-12.50	Myh3	-25.00	Cdkn1c	-25.00	Tnnc1	-50.00	Mylpf	-50.00
Dlk1	-20.00	Actn2	-16.67	Z310061N23Rik	-11.11	Tnnt1	-25.00	Myh3	-25.00	Myh3	-33.33	Tnnc1	-50.00
H19	-14.29	Cdkn1c	-14.29	Oasl2	-11.11	Cdkn1c	-20.00	Tnnt1	-25.00	Tnnt1	-33.33	Actg2	-33.33
Actn2	-14.29	Des	-12.50	Trib3	-11.11	DOH4S114	-11.11	Des	-16.67	Fxyd6	-25.00	Fxyd6	-33.33
Acta1	-14.29	Atp2a1	-11.11	H19	-10.00	H19	-16.67	Chrna1	-14.29	Actg2	-20.00	LOC380980	-33.33
Tnnc2	-12.50	Tnnc2	-11.11	Ch25h	-9.09	Igfbp5	-16.67	Tnnc2	-14.29	Actn2	-20.00	Myh3	-33.33
Des	-12.50	Chrna1	-10.00	Col3a1	-9.09	Des	-14.29	Tnnt1	-11.11	Des	-20.00	Tnnt1	-33.33
Tnnt1	-11.11	H19	-10.00	D11Ertid759e	-9.09	Mylpf	-14.29	Trim72	-11.11	Z700031B12Rik	-16.67	Fhl1	-25.00
Igfbp5	-11.11	Igfbp5	-10.00	Igf2	-9.09	Tnnc2	-14.29	Actn2	-10.00	Cdkn1c	-16.67	H19	-25.00
Chrna1	-11.11	Tnnt1	-10.00	Lgals3bp	-9.09	Chrna1	-12.50	Ein	-10.00	Chrna1	-14.29	Gpx7	-20.00
Atp2a1	-11.11	Emcn	-9.09	Wisp1	-9.09	Mfap4	-12.50	Mfap4	-10.00	Fhl1	-14.29	Igfbp5	-20.00
Trim72	-10.00	Lrrn1	-9.09	1810008K03Rik	-8.33	Ein	-11.11	Atp2a1	-9.09	Inhba	-14.29	Actn2	-16.67
Lrrc17	-10.00	Trim72	-9.09	6330406115Rik	-8.33	Gpc3	-11.11	Lrrn1	-9.09	Mdk	-14.29	Bmp4	-16.67
Fos	-10.00	Dlk1	-8.33	Ifih3	-8.33	Lrrc17	-11.11	H19	-8.33	Bmp4	-12.50	Des	-16.67
Tnnt2	-9.09	Mybph	-7.69	Ogn	-8.33	Tnnt1	-11.11	Igfbp5	-8.33	Ctgf	-12.50	Fst	-16.67
Emcn	-9.09	sci000959.1_2	-7.69	Dlk1	-7.69	Gpx7	-10.00	Mylpf	-8.33	Tnnc2	-12.50	Mdk	-16.67
sci000959.1_2	-8.33	Emid2	-7.14	Rerg	-7.69	Lrrn1	-10.00	Emcn	-7.69	Acta2	-11.11	MyI9	-16.67
Ein	-8.33	Tnnt2	-7.14	Zcchc5	-7.69	Atp2a1	-9.09	Lrrc17	-7.69	Atp2a1	-11.11	Tgfb11	-16.67
Tgfb3	-7.69	Acta1	-6.67	4632401N01Rik	-7.14	Eno3	-9.09	sci000959.1_2	-7.69	Igfbp5	-11.11	Chrna1	-14.29
Igf2	-7.69	Mylpf	-6.67	Igfa11	-7.14	Myk	-9.09	Tnnt2	-7.69	LOC380980	-11.11	Thy1	-14.29
Cdc42ep3	-7.69	Cdh15	-6.25	Cxcl12	-6.67	sci000959.1_2	-9.09	Gpc3	-7.14	Tnnt1	-11.11	LOC381283	-12.50
Rgs4	-7.14	Mfap4	-6.25	Jundm2	-6.67	Trim72	-9.09	Cdh15	-6.67	Emcn	-10.00	Tnnc2	-12.50
Myk	-7.14	Fos	-5.88	Mdk	-6.67	Z700031B12Rik	-8.33	Dlk1	-6.67	LOC381283	-10.00	Akap12	-11.11
Mybph	-7.14	Myod1	-5.88	Pappa	-6.67	Bmp4	-6.67	Emid2	-6.67	Ankrp1	-9.09	Atp2a1	-11.11
Mfap4	-7.14	Ein	-5.56	A730054J21Rik	-6.25	Dlk1	-8.33	Gpx7	-6.67	Bex4	-9.09	Ednra	-11.11
Lrrn1	-7.14	Mb	-5.26	Al481100	-6.25	Fxyd6	-8.33	Mybph	-6.67	Crabp1	-9.09	Emcn	-10.00
Ankrd1	-7.14	Mmp9	-5.00	Aldh1l2	-6.25	Mdk	-8.33	Myk	-6.67	Lrrn1	-9.09	Gp38	-10.00
Emid2	-6.67	Tnnt3	-5.00	Lox1	-6.25	Rbmx	-6.67	Olfrl3	-6.67	MyI9	-9.09	Tnnt1	-10.00
Cdkn1c	-6.67	Prss35	-4.76	Lrrc17	-6.25	Emcn	-7.69	Ptx3	-6.25	Trim72	-9.09	Trim72	-10.00
Ptx3	-6.25	Scf	-4.76	Olfml3	-6.25	Mybph	-7.69	DOH4S114	-5.88	Z810003C17Rik	-8.33	Adam19	-9.09
Krt1-14	-6.25	Z700031B12Rik	-6.25	Thbs2	-6.25	Ptx3	-7.69	Eno3	-5.88	Col8a1	-8.33	Ein	-9.09
Actg2	-6.25	6330403K07Rik	-4.55	Cdkn1c	-5.88	Emid2	-7.14	S033430115Rik	-5.56	Emid2	-8.33	Lrrn1	-9.09
3110018A08Rik	-6.25	Hbb-y	-4.55	Igtp	-5.88	Olfml3	-7.14	Bmp4	-5.56	Igfbp2	-8.33	Ndn	-9.09
Cdh15	-5.88	Igf2	-4.55	Mmp11	-5.88	Rgs4	-7.14	Myod1	-5.26	9130213B05Rik	-7.69	6330403K07Rik	-8.33
Capn6	-5.88	Mest	-4.55	1810043J12Rik	-5.56	Tgfb11	-7.14	1190002H23Rik	-5.00	Krt1-14	-7.69	Bex4	-8.33
5033430115Rik	-5.88	1200009O22Rik	-4.35	Bmper	-5.56	Actn2	-6.67	Col2a1	-5.00	Pkia	-7.69	Acta2	-7.69
Hbb-y	-5.56	Cox6a2	-4.17	Gm1012	-5.56	Cdh15	-6.67	Rgs4	-5.00	Sox11	-7.69	Ctsk	-7.69
BC049816	-5.56	Eno3	-4.17	Snai2	-5.56	Igfbp4	-6.67	Z700031B12Rik	-4.76	Zic1	-7.69	Efs	-7.69
B230104P22Rik	-5.56	Crabp1	-4.00	Myd116	-5.26	1200009O22Rik	-6.25	6330403K07Rik	-4.76	6330403K07Rik	-7.14	Emid2	-7.69
Acta2	-5.56	Gap43	-4.00	Ocil	-5.26	6330403K07Rik	-6.25	Cdk5r1	-4.76	Dtr	-7.14	Gpc3	-7.69
3000002B06Rik	-5.56	1190002H23Rik	-3.85	Rbms3	-5.26	Acta2	-6.25	Mb	-4.76	Efs	-7.14	Has2	-7.69
1200009O22Rik	-5.56	Capn6	-3.70	Scara3	-5.26	Actg2	-6.25	Mmp9	-4.76	Lrrc15	-7.14	Krt1-14	-7.69
Tnnt3	-5.26	Meox1	-3.70	Siglec10	-5.26	LOC380980	-6.25	Scx	-4.76	Mybph	-7.14	Prss19	-7.69
Prkcdp	-5.26	Prss19	-3.70	1810054O13Rik	-5.00	Tnnt2	-6.25	Spon2	-4.76	Rasl11b	-7.14	sci000959.1_2	-7.69
Myod1	-5.26	Rasl11b	-3.70	H2-T17	-5.00	Zic1	-6.25	Tnnt3	-4.76	sci000959.1_2	-7.14	Sdrp	-7.69
Mfap2	-5.26	3000002B06Rik	-3.57	Ldb2	-5.00	Col2a1	-5.88	Chst2	-4.55	Tgfb3	-7.14	Zic1	-7.69
Glipr1	-5.26	5033430115Rik	-3.57	Myk	-5.00	Olfml2b	-5.88	Crabp1	-4.55	C920027118Rik	-6.67	Ctgf	-7.14
Anxa1	-5.26	Cdk5r1	-3.57	Nfil3	-5.00	Sox9	-5.88	Hm2a	-4.55	B230104P22Rik	-6.25	Dkk3	-7.14
Prss35	-5.00	Gpc3	-3.57	Nfix	-5.00	B230104P22Rik	-5.56	LOC245892	-4.55	Cdh15	-6.25	Igfbp2	-7.14
Mb	-5.00	Tceal7	-3.57	Rgs4	-5.00	C1qtnf3	-5.56	Olfml2b	-4.55	F2r	-6.25	Inhba	-7.14
Fhl2	-5.00	Tceal5	-3.45	Tsc22d3	-5.00	Capn6	-5.56	Sox9	-4.55	Akap12	-5.88	Mybph	-7.14
Wisp1	-4.76	4930443F05Rik	-3.33	2010300G19Rik	-4.76	Cdk5r1	-5.56	1200009O22Rik	-4.35	Esm1	-5.88	Serpina3g	-7.14
Tagln2	-4.76	Hba-a1	-3.33	5530402M19Rik	-4.76	Crabp1	-5.56	Cox6a2	-4.35	Fst	-5.88	Tnfrsf11b	-7.14
Ogn	-4.76	Megf10	-3.33	Atf5	-4.76	Igfbp2	-5.56	Fos	-4.35	Col2a1	-5.56	1110032E23Rik	-6.67
Nfil3	-4.76	Myog	-3.33	Col1a2	-4.76	Mfap2	-5.56	Gypc	-4.35	Csrp1	-5.56	Ankrd1	-6.67
Hoxc9	-4.76	Sfta1	-3.33	D4Bwg0951e	-4.76	Scx	-5.56	LOC380980	-4.35	Myod1	-5.56	Scf	-6.67
Eno3	-4.76	3110018A08Rik	-3.23	Emp2	-4.76	Gm22	-5.26	Mfap2	-4.35	Tnfrsf12a	-5.56	9130213B05Rik	-6.25
Hba-a1	-4.55	Esm1	-3.23	Ndg2	-4.76	Myod1	-5.26	Scf	-4.35	1110032E23Rik	-5.26	Cdh15	-6.25
Ednra	-4.55	ldh2	-3.23	Ndrp1	-4.76	Serpinh1	-4.76	C1qtnf3	-4.17	6530401D17Rik	-5.26	DOH4S114	-6.25
9130213B05Rik	-4.55	LOC228003	-3.23	Tgfb11	-4.76	Tnnt3	-5.26	3110018A08Rik	-4.00	Bnhb9	-5.26	Nr2f1	-5.88
Plk2	-4.35	Myom3	-3.23	A630096C01Rik	-4.55	Wisp1	-5.26	Agpl2	-4.00	C1qtnf3	-5.26	3000002B06Rik	-5.56
Pkia	-4.35	Ttr	-3.23	Adams2	-4.55	1190002H23Rik	-5.00	Ccn2d	-4.00	Mb	-5.26	Cdkn1c	-5.56
Olfml2b	-4.35	1110002H13Rik	-3.13	Anrx2	-4.55	Mb	-5.00	Meox1	-4.00	3000002B06Rik	-5.00	Coq10b	-5.56
Nedd9	-4.35	1500001L03Rik	-3.13	C920027118Rik	-4.55	Mmp9	-5.00	Tgfb11	-4.00	Ciu	-5.00	Dpys3	-5.56

MyI9	-4.35	Csrp2	-3.13	D5Erd593e	-4.55	Nedd9	-5.00	Hba-a1	-3.85	Dpysl3	-5.00	Mest	-5.56
Gm22	-4.35	Hspb3	-3.13	Fgf7	-4.55	Serpina3g	-5.00	scl000418.1_42	-3.85	Dusp1	-5.00	Myod1	-5.56
Dpysl3	-4.35	Tmem46	-3.13	Lhfp12	-4.55	Spon2	-5.00	Zic1	-3.85	Ein	-5.00	Prss35	-5.56
Col4a1	-4.35	Cdc42ep3	-3.03	Man2a1	-4.55	Tgfb3	-5.00	4732462B05Rik	-3.70	Hba-a1	-5.00	Col8a1	-5.26
C1qtnf3	-4.35	Cytl1	-3.03	SrpX2	-4.55	Efs	-4.76	Cotl1	-3.70	Serpina3h	-5.00	Firt3	-5.26
Zic1	-4.17	Hey1	-3.03	1110032E23Rik	-4.35	Itm2a	-4.76	Prss35	-3.70	Atp1b1	-4.76	Gata6	-5.26
Spon2	-4.17	Igfb1bp2	-3.03	Adra2a	-4.35	Pdlim5	-4.76	Rerg	-3.70	Ch25h	-4.76	Lrrc17	-5.26
Meox1	-4.17	Kcne11	-3.03	Al428795	-4.35	3110018A08Rik	-4.55	4930443F05Rik	-3.57	Cnn2	-4.76	Mb	-5.26
Ilk	-4.17	Myh8	-3.03	Cyp1b1	-4.35	Chst2	-4.55	Cdo1	-3.57	Coq10b	-4.76	Bmper	-5.00
Gm1012	-4.17	Rbp1	-3.03	Gadd45a	-4.35	Ednra	-4.55	Hey1	-3.57	Hbb-y	-4.76	Esm1	-5.00
Chst2	-4.17	Rgs4	-3.03	Hspb6	-4.35	Hba-a1	-4.55	Hist1h2ak	-3.57	Irak2	-4.76	Mmp9	-5.00
Anxa3	-4.17	Tro	-3.03	Vegfc	-4.35	Il1r1	-4.55	LOC228003	-3.57	Pdlim3	-4.76	Cdo1	-4.76
6330403K07Rik	-4.17	1700018O18Rik	-2.94	2300002D11Rik	-2.94	Pdlim3	-4.17	Pdlim3	-3.57	Ptgis	-4.76	Cxcl14	-4.76
Tmem119	-4.00	Bach2	-2.94	D12Erd647e	-2.94	Sct	-4.17	Prrx1	-3.57	Sulf1	-4.76	Firt2	-4.76
Serpina3g	-4.00	Oja5	-2.94	Ednra	-2.94	Sox11	-4.17	Rasl11b	-3.57	Fzr11	-4.55	Hbb-y	-4.76
Scx	-4.00	Pdlim3	-2.94	Hic1	-2.94	4732462B05Rik	-4.17	Tmem119	-3.57	Flt1	-4.55	Hic1	-4.76
Rasl11b	-4.00	Stx1a	-2.94	Hoxd8	-2.94	5033430115Rik	-4.17	B430201A12Rik	-3.45	Gpc3	-4.55	Igfbp3	-4.76
Pmp22	-4.00	BC054438	-2.86	Lox	-2.86	Ckap2	-4.17	BC054438	-3.45	Hoxd10	-4.55	Pdlim3	-4.76
Olfml3	-4.00	Palmd	-2.86	Rgma	-2.86	Prkcdp	-4.17	Il1f1	-3.45	Pdlim1	-4.55	Rasl11b	-4.76
Megf10	-4.00	Peg3	-2.86	Waspip	-2.86	Prrx1	-4.17	Myop	-3.45	Tnnt3	-4.55	Rbp1	-4.76
Gypc	-4.00	Serinc2	-2.86	3110054C06Rik	-2.86	Slc1a3	-4.00	RbmX	-3.45	1110033J19Rik	-4.35	Reprimo	-4.76
Egr2	-4.00	2510015F01Rik	-2.78	6230427J02Rik	-2.78	Cdo1	-4.00	Rnf144	-3.45	Fabp3	-4.35	scl0001276.1_18	-4.76
Cxcl12	-4.00	Cd40	-2.78	7420404O03Rik	-2.78	Cyp51	-4.00	Serpina3g	-3.45	Hes1	-4.35	Sulf1	-4.76
Csrp1	-4.00	Gata3	-2.78	Adh1	-2.78	Dpysl3	-4.00	Sfta1	-3.45	Mfap4	-4.35	Tnnt2	-4.76
Crabp1	-4.00	Mfap2	-2.78	Col5a1	-2.78	Pdlim4	-4.00	Sumo3	-3.45	Prss35	-4.35	Col4a1	-4.55
Cox6a2	-4.00	Plp	-2.78	Col8a1	-2.78	Peg3	-4.00	Tceal7	-3.45	Scx	-4.35	Flt1	-4.55
BC054438	-4.00	2310003M01Rik	-2.78	En1	-2.78	Pkia	-4.00	Tmem46	-3.45	1500031H04Rik	-4.17	Hba-a1	-4.55
2700031B12Rik	-4.00	Ednra	-2.78	H2-T10	-2.78	Prss35	-4.00	Gap43	-3.33	2900073G15Rik	-4.17	Hes1	-4.55
scl0003781.1_22	-3.85	Egr2	-2.78	Hexa	-2.78	Cox6a2	-4.00	Hspb3	-3.33	Dner	-4.17	Hoxa5	-4.55
scl0001163.1_8	-3.85	Rnf144	-2.78	Ifit2	-2.78	LOC382063	-4.00	Palmd	-3.33	Fjx1	-4.17	Irak2	-4.55
Mmp9	-3.85	Sox10	-2.78	St5	-2.78	Meox1	-4.00	Pdlim5	-3.33	Firt2	-4.17	Phlda1	-4.55
Lrrc15	-3.85	Vgll2	-2.78	Vldlr	-2.78	Ogn	-4.00	Ptpla	-3.33	Krt1-18	-4.17	Tnnt3	-4.55
Esm1	-3.85	B3gnt5	-2.63	3110018A08Rik	-2.63	Rerg	-3.85	Serpinh1	-4.00	Serpinh1	-3.33	Megf10	-4.17
Cnn2	-3.85	BC049816	-2.63	Bicc1	-2.63	Slc24a3	-3.85	Tr	-3.33	Schip1	-4.17	1500031H04Rik	-4.35
Twist2	-3.70	Casq2	-2.63	Capn6	-2.63	Ccnd2	-3.85	Zcchc5	-3.33	scl0001163.1_8	-4.17	Cd40	-4.35
Rhoj	-3.70	Tm4sf1	-2.63	Fgf10	-2.63	Cdc42ep3	-3.85	2510015F01Rik	-3.23	Serinc2	-4.17	Cnn2	-4.35
Pdlim5	-3.70	A130092J06Rik	-2.56	Fnn1	-2.56	D4Bwg0951e	-3.85	Acta2	-3.23	Tceal7	-4.17	Dusp1	-4.35
Nuak1	-3.70	Firt3	-2.56	Ifi202b	-2.56	Fez2	-3.85	Gm22	-3.23	Unc5b	-4.17	Gas6	-4.35
Fkbp10	-3.70	Glpr1	-2.56	Ifi205	-2.56	Fos	-3.85	Hbb-y	-3.23	Actn1	-4.00	Nes	-4.35
Efnb1	-3.70	Kkbbd5	-2.56	Isgf3g	-2.56	Gypc	-3.85	Hist1h2ah	-3.23	BC054438	-4.00	scl000418.1_42	-4.35
D0H4S114	-3.70	LOC269515	-2.56	Itm2a	-2.56	LOC382020	-3.85	scl0001163.1_8	-3.23	Ccng1	-4.00	Tpm2	-4.35
BC063749	-3.70	Rtn2	-2.56	LOC98434	-2.56	Ptpla	-3.85	Slc24a3	-3.23	Dkk3	-4.00	1500009L16Rik	-4.17
Tm4sf1	-3.57	Slc38a4	-2.56	Lpl	-2.56	scl000418.1_42	-3.85	Tm4sf6	-3.23	Rgs4	-4.00	1810018P12Rik	-4.17
Tgfb111	-3.57	6230427J02Rik	-2.50	Lum	-2.50	Tceal7	-3.85	1110010A05Rik	-3.13	scl000418.1_42	-4.00	Cdr2	-4.17
Slc24a3	-3.57	6820449I09Rik	-2.50	Pkia	-2.50	Tmem119	-3.85	1110002H13Rik	-3.85	2410005K17Rik	-3.13	Ddah1	-4.17
Prrx1	-3.57	9430052C07Rik	-2.50	Rgl1	-2.50	Rgl1	-3.85	2410005K17Rik	-3.13	BC049816	-3.85	Fabp3	-4.17
Mcam	-3.57	Ankrd1	-2.50	Wispl2	-2.50	2410005K17Rik	-3.85	4833429E21Rik	-3.13	Bex2	-3.85	Megf10	-4.17
LOC380980	-3.57	Cotl1	-2.50	4631422O05Rik	-2.50	9130213B05Rik	-3.70	Actg2	-3.13	Bok	-3.85	Pkia	-4.17
Kdelr3	-3.57	D0H4S114	-2.50	4732435N03Rik	-2.50	Fabp3	-3.70	Bach2	-3.13	Cd40	-3.85	Tceal7	-4.17
Irak2	-3.57	E130203B14Rik	-2.50	Il1r1	-2.50	Gm1012	-3.70	Bin1	-3.13	Chrn1b	-3.85	Timp3	-4.17
Gap43	-3.57	Fabp3	-2.50	Kdt1	-2.50	LOC228003	-3.70	Ckap2	-3.13	Cox6a2	-3.85	Cryab	-4.00
Gadd45g	-3.57	Fgf21	-2.50	Lbh	-2.50	MyI9	-3.70	Dner	-3.13	D5Erd593e	-3.85	Fzr11	-4.00
Edn1	-3.57	Fndc5	-2.50	Mikl	-2.50	Oxct1	-3.70	Esm1	-3.13	Ier3	-3.85	Fos	-4.00
C920027I18Rik	-3.57	Hes6	-2.50	Pdgfra	-2.50	Rasl11b	-3.70	Hes6	-3.13	LOC212399	-3.85	Lor	-4.00
Tpm1	-3.45	LOC245892	-2.50	Prkg2	-2.50	Tgfb114	-3.70	Hic1	-3.13	Lor	-3.85	Peg3	-4.00
ORF63	-3.45	LOC382063	-2.50	Serpinf1	-2.50	2810022L02Rik	-3.57	Kcne11	-3.13	Serpina3h	-4.00	Nuak1	-4.00
Kcnab1	-3.45	Lpl	-2.50	Slc7a5	-2.50	4930443F05Rik	-3.57	LOC333744	-3.13	Adam19	-3.70	2810022L02Rik	-3.85
Hic1	-3.45	Lrrc17	-2.50	1110055E19Rik	-2.50	Agpt2	-3.57	Meox2	-3.13	Cdkn1a	-3.70	3110054C06Rik	-3.85
EfnA5	-3.45	Mcam	-2.50	Adam9	-2.50	Adam9	-3.57	BC054438	-3.13	Edn1	-3.70	Dner	-3.85
E03002610Rik	-3.45	ORF63	-2.50	Adm	-2.50	Bicc1	-3.57	Bicc1	-3.13	Gata3	-3.70	Gpx3	-3.85
Bmp4	-3.45	Osx2	-2.50	BC063749	-2.50	Fkbp10	-3.57	Osx2	-3.13	Lmyc1	-3.70	Krt1-17	-3.85
4833412C05Rik	-3.45	RbmX	-2.50	Col12a1	-2.50	Gpr23	-3.57	Peg3	-3.13	Nes	-3.70	Ngbf	-3.85
2810012G08Rik	-3.45	2310002L09Rik	-2.44	Farp1	-2.44	Lum	-3.57	Pkia	-3.13	Sct	-3.70	Rbpm5	-3.85
Tr	-3.33	Chodl	-2.44	Gli3	-2.44	Scarf2	-3.57	Prkcdp	-3.13	Tceal5	-3.70	scl0003073.1_164	-3.85
Tpbp	-3.33	Dner	-2.44	LOC223672	-2.44	scl0001163.1_8	-3.57	Slc1a3	-3.13	0610041G09Rik	-3.57	Wnt5a	-3.85
Tnfrsf12a	-3.33	scl0001978.1_6	-2.44	LOC380706	-2.44	Tax1bp3	-3.57	1700012H17Rik	-3.03	4930443F05Rik	-3.57	2310046G15Rik	-3.70
Tm4sf6	-3.33	Sox11	-2.44	Lrrc57	-2.44	Tceal8	-3.57	2810022L02Rik	-3.03	Cyr61	-3.57	BC054438	-3.70
Sfta1	-3.33	Tagln2	-2.44	MyI9	-2.44	Tm4sf6	-3.57	BC003940	-3.03	Etv4	-3.57	Ccng1	-3.70
Sox9	-3.33	2810427I04Rik	-2.38	Ndr1	-2.38	Tr	-3.57	BC064033	-3.03	Lmcd1	-3.57	Cdkn1a	-3.70
Serinc2	-3.33	Mef2c	-2.38	Pvrl2	-2.38	1190002C06Rik	-3.57	Bicc1	-3.03	scl0003073.1_164	-3.57	Foxc2	-3.70
Osx2	-3.33	Rapsn	-2.38	4732462B05Rik	-2.38	1700113I22Rik	-3.45	Fez2	-3.03	Timp3	-3.57	Gata3	-3.70
Nr2f1	-3.33	Rerg	-2.38	4930418P06Rik	-2.38	Gadd45g	-3.45	Fxyd6	-3.03	Tr	-3.57	Pfn2	-3.70

Myog	-3.33	Sfrp2	-2.38	Acta2	-3.45	Gap43	-3.45	LOC224732	-3.03	6330404C01Rik	-3.45	Slc24a3	-3.70
Meis1	-3.33	Stmn4	-2.38	Aebp1	-3.45	Hic1	-3.45	Lum	-3.03	Fkhl18	-3.45	Tube1a	-3.70
Hoxd10	-3.33	Wt1	-2.38	BC032967	-3.45	Igf2	-3.45	Mia1	-3.03	Gsto1	-3.45	1300002F13Rik	-3.57
Cdk5r1	-3.33	Z810032E02Rik	-2.33	Cdc42ep3	-3.45	Kdelr3	-3.45	Nr2f1	-3.03	Hey1	-3.45	4930443F05Rik	-3.57
Bicc1	-3.33	Fxyd6	-2.33	Cugbp2	-3.45	Lrig3	-3.45	Tgfb14	-3.03	Krt11-17	-3.45	B230104P22Rik	-3.57
4930443F05Rik	-3.33	Hrc	-2.33	Meox2	-3.45	Gdf1	-3.45	1810011E08Rik	-2.94	LOC228003	-3.45	Chst2	-3.57
2900073G15Rik	-3.33	Iitm2a	-2.33	Marcks	-3.45	Ncam1	-3.45	3830430K15Rik	-2.94	Ngbf	-3.45	Crabp1	-3.57
Teal7	-3.23	Lmnd3	-2.33	Pkd2	-3.45	Rnf144	-3.45	6230427J02Rik	-2.94	Tmem46	-3.45	Ddc	-3.57
scl0002786.1_3	-3.23	LOC381795	-2.33	Plk2	-3.45	Sumo3	-3.45	Cyt11	-2.94	Tspan7	-3.45	Edn1	-3.57
Rassf1	-3.23	Meox2	-2.33	Rhoj	-3.45	1110001A05Rik	-3.45	Igfbp4	-2.94	17000180A18Rik	-3.33	Hoxd10	-3.57
Ncam1	-3.23	Pkia	-2.33	Slit2	-3.33	1500001L03Rik	-3.33	Mdk	-2.94	9330107J05Rik	-3.33	Ncam1	-3.57
Mbnl1	-3.23	scl00002786.1_3	-2.33	Stat1	-3.45	1810009N02Rik	-3.33	1200008N06Rik	-2.86	Gdf15	-3.33	Prrx1	-3.57
Iitm2a	-3.23	scl0000418.1_42	-2.33	Ube11	-3.45	2010300G19Rik	-3.33	1500001L03Rik	-2.86	Gjb2	-3.33	scl00001163.1_8	-3.57
Hspb3	-3.23	Scx	-2.33	6330403K07Rik	-3.33	BC039093	-3.33	1700113I22Rik	-2.86	Kcne11	-3.33	Tceal5	-3.57
Hebp1	-3.23	Tyms	-2.33	Col6a3	-3.33	Col4a1	-3.33	2810003C17Rik	-2.86	Myog	-3.33	Tes	-3.57
Gsto1	-3.23	2310045A20Rik	-2.27	D830014B20Rik	-3.33	Col6a3	-3.33	Bloc1s1	-2.86	Rerg	-3.33	Tro	-3.57
Gata3	-3.23	2410005K17Rik	-2.27	Gpc3	-3.33	Dner	-3.33	C330027I04Rik	-2.86	3300005D01Rik	-3.23	Tsyp13	-3.57
Fez2	-3.23	Acat2	-2.27	Egr2	-3.33	Gypc	-3.33	Dypsi3	-2.86	4833412C05Rik	-3.23	4833412C05Rik	-3.45
Cyt11	-3.23	Bhlhb9	-2.27	H2-T9	-3.33	Fhl1	-3.33	Hebp1	-2.86	Crip2	-3.23	9330107J05Rik	-3.45
Cxcl1	-3.23	Cbln1	-2.27	Mfap2	-3.33	Flrt3	-3.33	Lmcd1	-2.86	Cryab	-3.23	Chst1	-3.45
Ctgf	-3.23	H2afy3	-2.27	Scarf2	-3.33	Hbb-y	-3.33	Mbd3	-2.86	Ddah1	-3.23	Ckb	-3.45
Col2a1	-3.23	Inha	-2.27	scl0003799.1_2	-3.33	Jundm2	-3.33	Myom3	-2.86	Ddc	-3.23	Csrp1	-3.45
BC039093	-3.23	Kcnab1	-2.27	Sox4	-3.33	Mapkapk2	-3.33	Nedd9	-2.86	Fath	-3.23	Ghr	-3.45
Axl	-3.23	Kcnk13	-2.27	Tmem98	-3.33	Nfil3	-3.33	Ogn	-2.86	Flrt3	-3.23	Hspb8	-3.45
4631422O05Rik	-3.23	Kremen2	-2.27	Ube216	-3.33	Nuak1	-3.33	Plau	-2.86	Myom3	-3.23	Kcnab1	-3.45
17000180A18Rik	-3.23	Krt11-18	-2.27	2900075A18Rik	-3.33	Plau	-3.33	Rnu6	-2.86	Sfta1	-3.23	LOC228003	-3.45
1200008N06Rik	-3.23	Poepd3	-2.27	Atp6v1d	-3.23	Sertad4	-3.33	scl00002786.1_3	-2.86	1500001L03Rik	-3.13	Meox2	-3.45
Serpinh1	-3.13	Schp1	-2.27	BC034054	-3.23	Slit2	-3.23	scl0003781.1_22	-2.86	9930105H17Rik	-3.13	Spr2k	-3.45
Rhobtb3	-3.13	Srl	-2.27	Bgn	-3.23	Stfa1	-3.33	Tgfb3	-2.86	Agpt2	-3.13	2900073G15Rik	-3.33
Ndn	-3.13	Stmn1	-2.27	Col16a1	-3.23	Zcchc5	-3.33	Tsyp13	-2.86	Anxa3	-3.13	9630037P07Rik	-3.33
Myom3	-3.13	Asf1b	-2.22	Col6a1	-3.23	4833412C05Rik	-3.23	4732481H14Rik	-2.78	BC063749	-3.13	C920027I18Rik	-3.33
LOC245892	-3.13	Bcl2a1b	-2.22	Egr1	-3.23	5730469M10Rik	-3.23	Casq2	-2.78	D030026A21Rik	-3.13	Crip2	-3.33
Jundm2	-3.13	E130306F01Rik	-2.22	Fgf21	-3.23	B430201A12Rik	-3.23	Cited2	-2.78	Dstn	-3.13	Fez2	-3.33
Hoxa5	-3.13	Elov4	-2.22	Fhl2	-3.23	C920027118Rik	-3.23	Cyp51	-2.78	Dusp4	-3.13	Fkhl18	-3.33
Gm1673	-3.13	Igf1	-2.22	Gvin1	-3.23	Cited2	-3.23	Ednra	-2.78	Fhl2	-3.13	Mmp23	-3.33
Flrt3	-3.13	LOC382020	-2.22	Osmr	-3.23	Cotl1	-3.23	Emd	-2.78	LOC240672	-3.13	Myog	-3.33
Fhl1	-3.13	LOC385454	-2.22	Thy1	-3.23	Cxd12	-3.23	Fhl2	-2.78	LOC328703	-3.13	Rab15	-3.33
Dab2	-3.13	S100a8	-2.22	Uap111	-3.23	Edn1	-3.23	Il1f11	-2.78	Ncam1	-3.13	Scara3	-3.33
Anxa6	-3.13	scl00003781.1_22	-2.22	2310005L22Rik	-3.13	Fhl2	-3.13	Igfb1bp2	-2.78	ORF63	-3.13	Sertad1	-3.33
2810003C17Rik	-3.13	Tgfb14	-2.22	Adamts5	-3.13	Fst	-3.13	LOC382063	-2.78	Palmd	-3.13	Tgfb3	-3.33
2310024N18Rik	-3.13	2310024N18Rik	-2.17	BC029169	-3.13	Gata3	-3.23	Oxct1	-2.78	Pdlim7	-3.13	Tnc	-3.33
1110014O20Rik	-3.13	A630097A12Rik	-2.17	Ckifl3	-3.13	Hey1	-3.23	Kifl3	-2.78	Rtn2	-3.13	Tspan7	-3.33
Tpm2	-3.03	Bcl7a	-2.17	D330006C15Rik	-3.13	Hist2h2be	-3.23	Phgdh	-2.78	Snx7	-3.13	Ttr	-3.33
Slc39a6	-3.03	Cd3g	-2.17	Fhl1	-3.13	LOC230253	-3.23	Sox10	-2.78	Tm4sf1	-3.13	Vegfc	-3.33
Rbms3	-3.03	Cyp51	-2.17	Gng2	-3.13	Myog	-3.23	Vgll2	-2.78	Tpm1	-3.13	1500001L03Rik	-3.23
Pdlim7	-3.03	Gm22	-2.17	Mmp2	-3.13	Myom3	-3.23	Misp1	-2.78	Tro	-3.13	2010300G19Rik	-3.23
Palmd	-3.03	Ilk	-2.17	Pde8a	-3.13	Oxct	-3.23	1700025G04Rik	-2.70	1110002H13Rik	-3.03	4930422J18Rik	-3.23
Oxct1	-3.03	Kctd12	-2.17	Tgfb3	-3.13	Pea15	-3.13	2310039E09Rik	-2.70	2310004N11Rik	-3.03	6330404C01Rik	-3.23
Nes	-3.03	LOC381633	-2.17	Wbscr17	-3.13	Pih1d1	-3.23	Csrp2	-2.70	2310046G15Rik	-3.03	B3gnf5	-3.23
Meox2	-3.03	Nuak1	-2.17	Zfpm1	-3.13	Rhoe	-3.23	Gata3	-2.70	Cdr2	-3.03	Cyt11	-3.23
LOC228003	-3.03	Spon2	-2.17	1110067D22Rik	-3.03	Vim	-3.23	Gja5	-2.70	Cyt11	-3.03	Dusp4	-3.23
Lmcd1	-3.03	Tube1a	-2.17	1500015O10Rik	-3.03	1200008N06Rik	-3.13	H2afy3	-2.70	Krt11-19	-3.03	G1p2	-3.23
Foxc2	-3.03	3000003G13Rik	-2.13	1700052O22Rik	-3.03	2610009E16Rik	-3.13	LOC382020	-2.70	Mia1	-3.03	Krt11-18	-3.23
D5Ertid593e	-3.03	9330107J05Rik	-2.13	Al115600	-3.03	Bach2	-3.13	Mustrn1	-2.70	Mmp23	-3.03	Ldh2	-3.23
Cyr61	-3.03	BC063749	-2.13	Angptl6	-3.03	BC049816	-3.13	Pik3r1	-2.70	Pard6g	-3.03	Socs2	-3.23
Chmb1	-3.03	Bcl11a	-2.13	Cox6a2	-3.03	Casq2	-3.13	Serinc2	-2.70	Pgam2	-3.03	Stfa1	-3.23
BC046404	-3.03	Bmp4	-2.13	Csf1	-3.03	Dscr5	-3.13	Tmem47	-2.70	Plekha1	-3.03	Tm4sf1	-3.23
1190002H23Rik	-3.03	C330027I04Rik	-2.13	Dpt	-3.03	Fstl	-3.13	1810008K03Rik	-2.63	Tnfrsf11b	-3.03	0610007N19Rik	-3.13
1110001A05Rik	-3.03	E430031D18Rik	-2.13	Fndc3b	-3.03	H2afy3	-3.13	4833412C05Rik	-2.63	6720475J19Rik	-2.94	2310067E08Rik	-3.13
Zyx	-2.94	Fjx1	-2.13	Gbp4	-3.03	Hist1h3b	-3.13	5330417K06Rik	-2.63	BC064033	-2.94	9130227C08Rik	-3.13
Sh3bgrl	-2.94	Gm1673	-2.13	Gm22	-3.03	Hspb6	-3.13	9130213B05Rik	-2.63	Bcar1	-2.94	Capn2	-3.13
Sdccag33	-2.94	Oxct1	-2.13	Nnmt	-3.03	LOC269251	-3.13	Al428795	-2.63	Hes6	-2.94	Col4a2	-3.13
Scarf2	-2.94	Rnu65	-2.13	Nrp	-3.03	Lor	-3.13	E130306F01Rik	-2.63	Igf2bp1	-2.94	Egr2	-3.13
Rhoc	-2.94	Sostdc1	-2.13	Olfml2b	-3.03	Maged2	-3.13	Fndc5	-2.63	Mcam	-2.94	Erccl	-3.13
Mylpf	-2.94	Tcap	-2.13	scl00001163.1_8	-3.03	Osr2	-3.13	Gpnmb	-2.63	Myh8	-2.94	Glipr2	-3.13
Myh8	-2.94	1190005N23Rik	-2.08	scl00003519.1_175	-3.03	Taf9b	-3.13	Igf1	-2.63	Nedd9	-2.94	Mcam	-3.13
LOC381633	-2.94	2310004N11Rik	-2.08	Slc40a1	-3.03	2310016C16Rik	-3.13	Kcnk13	-2.63	Pdlim5	-2.94	Meox1	-3.13
Lims2	-2.94	2610019E17Rik	-2.08	Srxp	-3.03	Arhgdib	-3.03	Kctd12	-2.63	Mobk12a	-2.94	Mobk12a	-3.13
Hs3st3a1	-2.94	3110079O15Rik	-2.08	Steap	-3.03	BC064033	-3.03	LOC385454	-2.63	Rrm2	-2.94	Nptx2	-3.13
Gpx7	-2.94	4631422O05Rik	-2.08	Twist1	-3.03	Bloc1s1	-3.03	Ncam1	-2.63	Sdpr	-2.94	ORF63	-3.13
Glipr2	-2.94	4833427B12Rik	-2.08	Zfp537	-3.03	Fads1	-3.03	Pgam2	-2.63	Spr2k	-2.94	Pgam2	-3.13
Flrt2	-2.94	Bimh	-2.08	5430416N02Rik	-2.94	Gja5	-3.03	Plp	-2.63	Stmn2	-2.94	Prmt2	-3.13

Egr1	-2.94	Ccne2	-2.08	Adam19	-2.94	Gli3	-3.03	Ptfr	-2.63	Tnni2	-2.94	Rai14	-3.13
Col4a2	-2.94	Chst2	-2.08	F2r	-2.94	Glipr2	-3.03	Rnu65	-2.63	Tns	-2.94	Rhoc	-3.13
1500001L03Rik	-2.94	Gli2	-2.08	Gli2	-2.94	Gliep1	-3.03	Sfrp2	-2.63	Tpm2	-2.94	Schp1	-3.13
1110002H13Rik	-2.94	H1f0	-2.08	Needd9	-2.94	Hist1h2ah	-2.94	Vegfc	-2.63	1600023A02Rik	-2.86	Serinc2	-3.13
Vgll2	-2.86	Ivns1abp	-2.08	scl0002507.1_236	-2.94	Hist1h2ak	-3.03	2310003M01Rik	-2.56	1810008K03Rik	-2.86	1110002H13Rik	-3.03
Tmem46	-2.86	LOC270186	-2.08	Sertad4	-2.94	Hoxd10	-3.03	2310024N18Rik	-2.56	2300002G24Rik	-2.86	28100003C17Rik	-3.03
Tinagl	-2.86	Sc4mol	-2.08	Slti2	-2.94	Lmcd1	-3.03	3000002B06Rik	-2.56	2310003M01Rik	-2.86	Actn1	-3.03
St5	-2.86	Siglec10	-2.08	Smarca1	-2.94	Mustn1	-3.03	Efs	-2.56	9630037P07Rik	-2.86	Agpt2	-3.03
Snx7	-2.86	Slc1a3	-2.08	1190002C06Rik	-2.86	Myh8	-3.03	Fkbp10	-2.56	A730054J21Rik	-2.86	Casq2	-3.03
Sct	-2.86	Tmem119	-2.08	1200008N06Rik	-2.86	Nr2f1	-3.03	Hist1h2ad	-2.56	Casq2	-2.86	Ddit4l	-3.03
Rerg	-2.86	Tyms-ps	-2.08	2900006A08Rik	-2.86	Palmd	-3.03	Lrig3	-2.56	Cnd2	-2.86	Gsto1	-3.03
Pdzrn3	-2.86	Vegfc	-2.08	A230050P20Rik	-2.86	Prmt2	-3.03	Mef2c	-2.56	Col4a1	-2.86	Hey1	-3.03
LOC385454	-2.86	Zcchc5	-2.08	Avpr1a	-2.86	Prrx2	-3.03	Oxct	-2.56	Foxc2	-2.86	Hs3st1	-3.03
Lgals1	-2.86	1110001J03Rik	-2.04	Bst2	-2.86	Rbm4	-3.03	Rasgrp3	-2.56	Gadd45g	-2.86	Idb1	-3.03
Irgb1bp2	-2.86	1700029F09Rik	-2.04	C230043G09Rik	-2.86	scl0002786.1_3	-3.03	Rhoj	-2.56	Gja5	-2.86	Kcne11	-3.03
Grb10	-2.86	Actn3	-2.04	C530008M17Rik	-2.86	scl0003781.1_22	-3.03	scl0001978.1_6	-2.56	Kctd10	-2.86	LOC381795	-3.03
Agpt2	-2.86	Bin1	-2.04	Col5	-2.86	Smarca1	-3.03	Sertad4	-2.56	Ndn	-2.86	Nid2	-3.03
2410005K17Rik	-2.86	Cdkn3	-2.04	Col4a5	-2.86	1110002H13Rik	-2.94	Col4a1	-2.56	Tead2	-2.86	Pdim5	-3.03
2310067E08Rik	-2.86	Dnajc7	-2.04	Enc1	-2.86	1110033J19Rik	-2.94	1190002C06Rik	-2.50	Vgll2	-2.86	scl0001849.1_2273	-3.03
2310022B05Rik	-2.86	Dpep1	-2.04	Gns	-2.86	4930524J08Rik	-2.94	4930524J08Rik	-2.50	1300002F13Rik	-2.78	scl0003781.1_22	-3.03
1810043J12Rik	-2.86	Hic1	-2.04	Gn	-2.86	Fblm1	-2.94	BC049816	-2.50	4732462B05Rik	-2.78	Tinagl	-3.03
1110032E23Rik	-2.86	Ibsp	-2.04	H2-gs17	-2.86	Hist1h3e	-2.94	Capn6	-2.50	9130227C08Rik	-2.78	0610041G09Rik	-2.94
Zcchc5	-2.78	Myk	-2.04	Igf2r	-2.94	Hspb3	-2.94	Cd40	-2.50	B3gnt5	-2.78	1700019G06Rik	-2.94
Unc5b	-2.78	Ngfrap1	-2.04	LOC385644	-2.86	Kcne11	-2.94	Hist1h2ao	-2.50	Cldn4	-2.78	Hrmt11	-2.94
Tpm4	-2.78	Rassf1	-2.04	LOC56628	-2.86	LOC212399	-2.94	Ktbtb5	-2.50	Il1r1	-2.78	Hspb3	-2.94
Pea15	-2.78	Reprimo	-2.04	Lrig3	-2.86	Pgam2	-2.94	LOC381795	-2.50	Irgb1bp2	-2.78	Lmyc1	-2.94
Oxct	-2.78	Tm4sf6	-2.04	Npr2	-2.86	Pmp22	-2.94	Megf10	-2.50	Ptprd	-2.78	LOC240672	-2.94
LOC381795	-2.78	Wbp5	-2.04	Phf17	-2.86	Ppapdc1	-2.94	Pdap1	-2.50	Smtn	-2.78	Rtn2	-2.94
Lmna	-2.78	Zcchc3	-2.04	Psmb8	-2.86	Rhoj	-2.94	Rnf130	-2.50	Tes	-2.78	Sh3kbp1	-2.94
Kcnk13	-2.78	1810049K24Rik	-2.00	scl0001905.1_3	-2.86	Rnf130	-2.94	Sertad1	-2.50	Tuft1	-2.78	Taba1	-2.94
Kcne11	-2.78	2210008N01Rik	-2.00	Sgcb	-2.86	scl0001276.1_18	-2.94	Vim	-2.50	Wt1	-2.78	Txndc7	-2.94
Irf2	-2.78	2610318C08Rik	-2.00	Slc1a4	-2.86	scl0002507.1_236	-2.94	1700048O20Rik	-2.44	Ybx3	-2.78	Wsb2	-2.94
Idh2	-2.78	27000955K07Rik	-2.00	Zyx	-2.86	Sec23a	-2.94	A630072M18Rik	-2.44	1110001A05Rik	-2.70	1600023A02Rik	-2.86
Gstm5	-2.78	2700063P19Rik	-2.00	2310047A01Rik	-2.78	Sh3glb1	-2.94	AW120700	-2.44	1200003E16Rik	-2.70	2310004N11Rik	-2.86
Gja5	-2.78	5430417J04Rik	-2.00	2310047D13Rik	-2.78	Tpm2	-2.94	Cdk4	-2.44	Anxa1	-2.70	Adamts9	-2.86
Dner	-2.78	Anxa1	-2.00	2410006H16Rik	-2.78	Wbp5	-2.94	Col6a3	-2.44	Egr2	-2.70	Adcy2	-2.86
Bin1	-2.78	Caocng1	-2.00	2610024B07Rik	-2.78	2310061A22Rik	-2.86	D030034I04Rik	-2.44	Elovl5	-2.70	Ankrd50	-2.86
6330439P19Rik	-2.78	D5Ert0593e	-2.00	2610312F20Rik	-2.78	2810003C17Rik	-2.86	Dpep1	-2.44	Flnb	-2.70	Anxa1	-2.86
3300005D01Rik	-2.78	Edn1	-2.00	C1qtnf2	-2.78	6230427J02Rik	-2.86	Egr2	-2.44	Homer2	-2.70	Etv4	-2.86
2310030G09Rik	-2.78	Id2	-2.00	Copz2	-2.78	Adamts12	-2.86	Fst	-2.44	Kremen2	-2.70	Kctd12	-2.86
1110036O03Rik	-2.78	Lor	-2.00	Ctsk	-2.78	Cytl1	-2.86	Lims2	-2.44	Ldh2	-2.70	Myom3	-2.86
Wdt3-pending	-2.70	Matn1	-2.00	D14Ert0668e	-2.78	En1	-2.86	ORF63	-2.44	Mdm2	-2.70	Nuak1	-2.86
Tuft1	-2.70	Med6	-2.00	D230005D02Rik	-2.78	Gli2	-2.86	Ppapdc1	-2.44	Plk2	-2.70	Pdim1	-2.86
Trim47	-2.70	Pgam2	-2.00	Evl	-2.78	Hes6	-2.86	Ptprd	-2.44	Rbpms	-2.70	Plk2	-2.86
Tnfrsf11b	-2.70	Pkp2	-2.00	Fbln2	-2.78	Id2	-2.86	Rhobtb3	-2.44	scl0001849.1_2273	-2.70	Tceal8	-2.86
Slco4a1	-2.70	scl000260315.1_244	-2.00	Fcgrt	-2.78	Idb3	-2.86	Sec23a	-2.44	scl0003781.1_22	-2.70	Tmem46	-2.86
Ptfr	-2.70	Smtn	-2.00	Flna	-2.78	Mia1	-2.86	2700063P19Rik	-2.38	Siglec10	-2.70	Vgll2	-2.86
Plau	-2.70	Snrp1c	-2.00	Hexb	-2.78	ORF63	-2.86	9430028L06Rik	-2.38	Tsply3	-2.70	2300002G24Rik	-2.78
Myl6	-2.70	Troap	-2.00	Hsd17b1	-2.78	Reprimo	-2.86	A630084D02Rik	-2.38	4930422J18Rik	-2.63	Anxa3	-2.78
Maged2	-2.70	Twist2	-2.00	Prkr	-2.78	Rnu6	-2.86	Bcl7c	-2.38	Adcy2	-2.63	BC011487	-2.78
Inhba	-2.70	9430028L06Rik	-1.96	scl000001.1_0_REVCOMP	-2.78	Vegfc	-2.86	Ccl5	-2.38	Axud1	-2.63	Cd248	-2.78
Igf1	-2.70	Bok	-1.96	scl0001849.1_2273	-2.78	4732481H14Rik	-2.78	Eif4ebp2	-2.38	Chodl	-2.63	Chrb1	-2.78
Fads1	-2.70	Col8a2	-1.96	Slc39a6	-2.78	C920004C08Rik	-2.78	Fgt21	-2.38	Eif4e2	-2.63	Cldn4	-2.78
Cyp51	-2.70	Flt1	-1.96		-1.96	Ch25h	-2.70	Fis1	-2.38	Gli2	-2.63	Gja5	-2.78
Comt	-2.70	Gng2	-1.96	1110059M19Rik	-1.96	D030034I04Rik	-2.70	Fstl1	-2.38	Krt2-8	-2.63	Gstk1	-2.78
Col12a1	-2.70	Gpsm1	-1.96	A830080H07Rik	-1.96	Esm1	-2.70	Gnb1	-2.38	Nptx2	-2.63	Itim2a	-2.78
Clu	-2.70	Hmgb1	-1.96	BC028528	-1.96	Gdf15	-2.70	Hoxd10	-2.38	Nradd	-2.63	Kdelr3	-2.78
Casq2	-2.70	Mia1	-1.96	C130092E12	-1.96	Gnas	-2.78	Kai1	-2.38	Nudt11	-2.63	Lasp1	-2.78
C230043G09Rik	-2.70	Popdc2	-1.96	D1Ert0471e	-1.96	Hmrt111	-2.70	Kremen2	-2.38	Phlda3	-2.63	Mia1	-2.78
C1qb	-2.70	Runx1	-1.96	Fnip1	-1.96	Igf1	-2.70	LOC234081	-2.38	Pitx2	-2.63	Pdim7	-2.78
Bmpcr	-2.70	Ssna1	-1.96	Glice	-1.96	Lims2	-2.78	Mapkapk2	-2.38	Pvrl2	-2.63	Rhoe	-2.78
Adamts12	-2.70	Tuba1	-1.96	Igsf10	-1.96	LOC385454	-2.78	Phl1d1	-2.38	Torb-V13	-2.63	Torb-V13	-2.78
6230427J02Rik	-2.70	Znhit3	-1.96	Pdgfrb	-1.96	Nradd	-2.78	Rpasn	-2.38	Wisp1	-2.63	Thbd	-2.78
Tgfb2	-2.63	1190017O12Rik	-1.92	Pdzrn3	-1.92	Rab34	-2.70	Rhoa	-2.38	Ass1	-2.56	Tmem23	-2.78
Tafb9	-2.63	2610012O22Rik	-1.92	Plac8	-1.92	Siglec10	-2.70	Scl0003073.1_164	-2.38	AW120700	-2.56	Uchl1	-2.78
scl0003073.1_164	-2.63	2810026P18Rik	-1.92	Rab33b	-1.92	SrpX	-2.70	Sox11	-2.38	Col12a1	-2.56	Wnt2	-2.78
Ptpla	-2.63	A630084D02Rik	-1.92	Sox9	-1.92	Tro	-2.70	SrpX	-2.38	Crabp2	-2.56	1110001A05Rik	-2.70
Mef2c	-2.63	Al448196	-1.92	1200002N14Rik	-1.92	Vgll2	-2.63	Tripp6	-2.38	Ctsk	-2.56	5330417K06Rik	-2.70
Kctd12	-2.63	B230104P22Rik	-1.92	A730024A03Rik	-1.92	1110003A17Rik	-2.63	1300002F13Rik	-2.33	D330024H06Rik	-2.56	Ak1	-2.70
Fzd2	-2.63	BC024955	-1.92	Aars	-1.92	2310014H01Rik	-2.63	1810009N02Rik	-2.33	Gap43	-2.56	Cib1	-2.70
Furin	-2.63	Cdh3	-1.92	Cask	-1.92	2510015F01Rik	-2.63	2010316F05Rik	-2.33	Hs3st1	-2.56	Id2	-2.70
Farp1	-2.63	Clu	-1.92	Cebpb	-1.92	3830430K15Rik	-2.63	2210415M20Rik	-2.33	Hspb3	-2.56	Irgb1bp2	-2.70

Elov1	-2.63	Egr1	-1.92	Col4a1	-2.63	4833429E21Rik	-2.70	3110079O15Rik	-2.33	Prickle1	-2.56	Lmcd1	-2.70
Cugbp2	-2.63	Emd	-1.92	Fez2	-1.92	Armcx2	-2.70	A130072J07Rik	-2.33	Pvrl3	-2.56	Myh8	-2.70
Cklfsf3	-2.63	Exosc8	-1.92	Lamp2	-2.63	Cd40	-2.70	Cacna2d1	-2.33	Sema3f	-2.56	Neurl	-2.70
Acvr1	-2.63	Fzd2	-1.92	NFI-X3	-2.63	Cklfsf3	-2.70	Cdh11	-2.33	Sertad4	-2.56	Palmd	-2.70
6720469N11Rik	-2.63	Hebp1	-1.92	Pogk	-2.63	D15Ert4366e	-2.70	Dscr5	-2.33	Siat8b	-2.56	Pappa	-2.70
2310003M01Rik	-2.63	Hnrph1	-1.92	Rnf130	-2.63	Foxc1	-2.70	Fjx1	-2.33	Wsb2	-2.56	Phlda3	-2.70
Wt1	-2.56	Krt10	-1.92	Sdc3	-2.63	Gas8	-2.70	Flrt3	-2.33	1810003N24Rik	-2.50	Ptk2	-2.70
Stx1a	-2.56	LOC383706	-1.92	Sema3f	-2.63	LOC224732	-2.70	Inha	-2.33	2310039E09Rik	-2.50	Ptord	-2.70
Ssbp2	-2.56	Rxrg	-1.92	Slc24a3	-2.63	P2ry5	-2.70	Kdelr3	-2.33	6330439P19Rik	-2.50	scl0002956.1_592	-2.70
Siglec10	-2.56	Snora65	-1.92	Sqstm1	-2.63	Ptfr	-2.70	Lmod3	-2.33	Asphd2	-2.50	scl000416.1_19	-2.70
Sertad4	-2.56	Zic1	-1.92	Sulf1	-2.63	Sertad1	-2.70	LOC233401	-2.33	AU022508	-2.50	Srpx	-2.70
Rhob	-2.56	2610018L09Rik	-1.89	2610024E20Rik	-2.56	Slc9a3r2	-2.70	LOC382245	-2.33	C130073O12Rik	-2.50	Tceal1	-2.70
Pip	-2.56	2610318I01Rik	-1.89	9530081N05Rik	-2.56	Snai2	-2.70	MGC6357	-2.33	Cpm	-2.50	Tnfrsf12a	-2.70
Plod2	-2.56	A630096C01Rik	-1.89	AI450948	-2.56	Sox10	-2.70	Mobk12a	-2.33	Cxcl14	-2.50	Tns	-2.70
Pde4dip	-2.56	Agpt2	-1.89	Cebpg	-2.56	Unc5b	-2.70	Reprimo	-2.33	Erccl1	-2.50	Zyx	-2.70
Mrg1	-2.56	Asb2	-1.89	Dusp23	-2.56	2310024N18Rik	-2.63	Smarca1	-2.33	Gtse1	-2.50	2310003M01Rik	-2.63
LOC383189	-2.56	B230343A10Rik	-1.89	Epb4.113	-2.56	2310039E09Rik	-2.63	Smtn	-2.33	LOC381140	-2.50	2310040A07Rik	-2.63
Inha	-2.56	D1Ert4471e	-1.89	Fbln1	-2.56	4933412E12Rik	-2.63	Trim47	-2.33	Peg3	-2.50	9930105H17Rik	-2.63
Id2	-2.56	Ednrb	-1.89	Gpx7	-2.56	6720475J19Rik	-2.63	2310016C16Rik	-2.27	Prrx1	-2.50	Creb3	-2.63
Hmg3	-2.56	Gata6	-1.89	H6pd	-2.56	A130092J06Rik	-2.63	2510008P16Rik	-2.27	Rassf1	-2.50	E1f4e2	-2.63
Ghr	-2.56	Gdf10	-1.89	Inx2	-2.56	BC003940	-2.63	A130092J06Rik	-2.27	scl000416.1_19	-2.50	Gdf15	-2.63
D4Bwg0951e	-2.56	Glipr2	-1.89	Lamb1-1	-2.56	Cacna2d1	-2.63	Adamts12	-2.27	Tpd521	-2.50	Hes6	-2.63
Creb3	-2.56	Hnrpd	-1.89	Lims2	-2.56	Ccl5	-2.63	Ccne2	-2.27	Uchl1	-2.50	Olfrml2b	-2.63
Commd3	-2.56	LOC241737	-1.89	Lmo4	-2.56	Cd3g	-2.63	Cdc42ep3	-2.27	Zfpm1	-2.50	Pde4dip	-2.63
Bcl2a1b	-2.56	LOC329521	-1.89	Mmp23	-2.56	Cnn2	-2.63	D130027M04Rik	-2.27	Zyx	-2.50	Rbmx	-2.63
Arhgdib	-2.56	Mdk	-1.89	Ptprz1	-2.56	Emd	-2.63	D330006C15Rik	-2.27	6330438E18Rik	-2.44	Rrm2	-2.63
Anxa2	-2.56	Pbk	-1.89	Sepn1	-2.56	Fzd2	-2.63	E130203B14Rik	-2.27	Cbln1	-2.44	scl0003547.1_6	-2.63
5430417L22Rik	-2.56	Siat8b	-1.89	Sgk	-2.56	Gata6	-2.63	Gamt	-2.27	D8Ert4594e	-2.44	Snx7	-2.63
1810009M01Rik	-2.56	Stk23	-1.89	Sspn	-2.56	Gpmnb	-2.63	Gm1673	-2.27	Fgf21	-2.44	Taf9b	-2.63
1700048O20Rik	-2.56	Tead2	-1.89	X83328	-2.56	Itgb1bp2	-2.63	Lepre1	-2.27	Gm22	-2.44	Xlr4a	-2.63
Tube1	-2.50	Tgfb3	-1.89	4833412C05Rik	-2.50	Kctd12	-2.63	LOC209281	-2.27	Pawr	-2.44	1300014I06Rik	-2.56
Stambp	-2.50	Wd3-pending	-1.89	9130430L19Rik	-2.50	LOC386534	-2.63	LOC212399	-2.27	Pcp411	-2.44	3110018A08Rik	-2.56
Smtn	-2.50	Zdhc16	-1.89	A330103N21Rik	-2.50	Nfix	-2.63	LOC385065	-2.27	Pkp2	-2.44	5330438E18Rik	-2.56
scl0003799.1_2	-2.50	1500010M16Rik	-1.85	A530082O13Rik	-2.50	Pip	-2.63	Maea	-2.27	Pls3	-2.44	6330439P19Rik	-2.56
scl0003519.1_175	-2.50	1700012H17Rik	-1.85	App	-2.50	Scand1	-2.63	Ppic	-2.27	scl000057.1_28_REVCOMF	-2.44	Atfb1	-2.56
Rnf103	-2.50	2310040B03Rik	-1.85	AU022508	-2.50	scl0003799.1_2	-2.63	Rab34	-2.27	scl0002956.1_592	-2.44	Cend2	-2.56
Rhoe	-2.50	2510038A11Rik	-1.85	Cdo1	-2.50	Srpx2	-2.63	scl00260315.1_244	-2.27	Slc38a4	-2.44	Chodl	-2.56
Reprimo	-2.50	2810003C17Rik	-1.85	D630003K02Rik	-2.50	3000002B06Rik	-2.56	Siglec10	-2.27	Tinagl	-2.44	D12Ert4647e	-2.56
Rbmx	-2.50	3830430K15Rik	-1.85	D8Ert4594e	-2.50	4930524J08Rik	-2.56	Siva	-2.27	Tmem47	-2.44	F2r	-2.56
Pdlim1	-2.50	6720463L11Rik	-1.85	Gaa	-2.50	AI428795	-2.56	Slc9a3r2	-2.27	Tpm4	-2.44	Kremen2	-2.56
Pdir	-2.50	Ccl4	-1.85	Gga2	-2.50	Armcx1	-2.56	Sostdc1	-2.27	1700007K13Rik	-2.38	LOC212399	-2.56
Letmd1	-2.50	Cdk2	-1.85	Kctd10	-2.50	Atp1b1	-2.56	Tpm4	-2.27	2810012G08Rik	-2.38	Myf6	-2.56
Kctd10	-2.50	Cenpa	-1.85	Kdelr3	-2.50	B930096L08Rik	-2.56	Tyms-ps	-2.27	4631422O05Rik	-2.38	Nid1	-2.56
Kbtbd5	-2.50	Col9a2	-1.85	Lrrc8a	-2.50	Bcl7c	-2.56	2310002L09Rik	-2.22	A630086H07Rik	-2.38	Popdc3	-2.56
Kai1	-2.50	Egln3	-1.85	Mtvr2	-2.50	Ccl2	-2.56	2610002J02Rik	-2.22	Anxa8	-2.38	Rhoj	-2.56
Igfbp6	-2.50	E1f4e2	-1.85	Paarp14	-2.50	Ccl7	-2.56	3000003G13Rik	-2.22	Arhgef5	-2.38	Siglec10	-2.56
Hist1h1c	-2.50	Rnu6	-1.85	Prrx1	-2.50	Col8a1	-2.56	3222401M22Rik	-2.22	Bhhb2	-2.38	Smx11	-2.56
Hes1	-2.50	Smarca1	-1.85	Slc1a3	-2.50	Dpep1	-2.56	3300005D01Rik	-2.22	Col4a2	-2.38	Spon2	-2.56
Gng12	-2.50	Stc2	-1.85	Stat2	-2.50	E130306F01Rik	-2.56	AI448196	-2.22	Flna	-2.38	Stx1a	-2.56
Gng10	-2.50	Tmem14c	-1.85	1810007I17Rik	-2.44	Fgf21	-2.56	Anxa6	-2.22	Fndc5	-2.38	Tpm1	-2.56
E130203B14Rik	-2.50	1110002N22Rik	-1.82	2410015J15Rik	-2.44	Flot2	-2.56	Basp1	-2.22	Iggap2	-2.38	Wt1	-2.56
Dpysl2	-2.50	1700019G06Rik	-1.82	2610002J02Rik	-2.44	Hexa	-2.56	Bcl2a1b	-2.22	LOC385454	-2.38	1810006K23Rik	-2.50
D1Ert4471e	-2.50	2610036L11Rik	-1.82	2810442O16Rik	-2.44	Hist1h3a	-2.44	Bmper	-2.22	Mlp	-2.38	2700055K07Rik	-2.50
Coq10b	-2.50	2810418N01Rik	-1.82	3110050N22Rik	-2.44	Kcnk13	-2.56	Caeng1	-2.22	Neurl	-2.38	9530064J02	-2.50
Clic1	-2.50	Adamts9	-1.82	Antrx1	-2.44	LOC245892	-2.56	Cbln1	-2.22	Palld	-2.38	Areg	-2.50
Cd40	-2.50	Bcl2a1d	-1.82	AW490415	-2.44	LOC333744	-2.56	Chodl	-2.22	Popdc3	-2.38	Cend3	-2.50
Cd3g	-2.50	Cygb	-1.82	Cdh3	-2.44	Mef2c	-2.56	Glipr2	-2.22	Sc4mol	-2.38	Ceecam1	-2.50
BC024955	-2.50	Ebf2	-1.82	Col6a2	-2.44	Megf10	-2.56	Gnas	-2.22	Tceal8	-2.38	Cyp7b1	-2.50
A630096C01Rik	-2.50	Edg5	-1.82	Dab2	-2.44	N6amt1	-2.56	LOC209405	-2.22	Tbhd	-2.38	Galt14	-2.50
4933417E08Rik	-2.50	Fhl2	-1.82	Fabp3	-2.44	Palld	-2.56	Rhoe	-2.22	Tmem166	-2.38	Krt2-8	-2.50
Wdr1	-2.44	lrak2	-1.82	H2-T22	-2.44	Pofut2	-2.56	Runx1	-2.22	Tube1a	-2.38	LOC226017	-2.50
Tes	-2.44	LOC211895	-1.82	Irx1	-2.44	Smad2	-2.56	scl0002791.1_134	-2.22	XEDAR EDA-A2R	-2.38	Ptprv	-2.50
S100a8	-2.44	LOC228715	-1.82	Jag1	-2.44	Tpm4	-2.56	Tro	-2.22	1700019G06Rik	-2.33	Siat8b	-2.50
Runx1	-2.44	Lrrc15	-1.82	LOC212399	-2.44	Twist2	-2.56	Tusc1	-2.22	2310002L09Rik	-2.33	Tmepai	-2.50
Rasgrp3	-2.44	Mnat1	-1.82	Mmp13	-2.44	Ube2e3	-2.56	Vgll4	-2.22	Ak1	-2.33	Triobp	-2.50
Pxmp3	-2.44	Mospd1	-1.82	Pls3	-2.44	2900073G15Rik	-2.50	Wdtd3-pending	-2.22	Asb2	-2.33	Adm	-2.44
Parva	-2.44	Nr2f1	-1.82	Rassf5	-2.44	Adamts5	-2.50	1110033J19Rik	-2.17	C230098O21Rik	-2.33	AL024069	-2.44
Npn1	-2.44	Psat1	-1.82	Rhobtb3	-2.44	Cdh11	-2.50	2310047D13Rik	-2.17	Cd3g	-2.33	Arhgap1	-2.44
Nfkbi2	-2.44	Rhobtb3	-1.82	Serpina3g	-2.44	Ctsk	-2.50	2610009E16Rik	-2.17	Ckap2	-2.33	AW120700	-2.44
Mbnl2	-2.44	scl0001163.1_8	-2.44	D1Ert4471e	-2.44	D1Ert4471e	-2.50	2610200O14Rik	-2.17	Eng	-2.33	Bcl2l1	-2.44
Marcks	-2.44	Slc29a4	-1.82	Vcam1	-2.44	Dbn1	-2.50	2810427I04Rik	-2.17	Fez2	-2.33	Cend1	-2.44
Mapkap2	-2.44	Smarcd3	-1.82	Wdfy1	-2.44	E230011E21Rik	-2.44	4933412E12Rik	-2.17	Fos	-2.33	Ch25h	-2.44

Hes6	-2.44	Snrpg	-1.82	Zfx1a	-2.44	Fndc5	-2.50	Btg1	-2.17	Gdf10	-2.33	Ctsh	-2.44
Gpnb	-2.44	Sox9	-1.82	Apq10l	-2.38	Herpud1	-2.50	Car3	-2.17	Kbtbd5	-2.33	Dusp6	-2.44
Flna	-2.44	Tk1	-1.82	BC013529	-2.38	Kns15	-2.50	Cd3g	-2.17	Kcnk1	-2.33	E130203B14Rik	-2.44
E230011E21Rik	-2.44	Zfp282	-1.82	Cav1	-2.38	Lbh	-2.50	Chrbm1	-2.17	LOC226017	-2.33	Mlp	-2.44
Cd109	-2.44	1100001122Rik	-1.79	Chst2	-2.38	LOC381795	-2.50	E430016J11Rik	-2.17	LOC381795	-2.33	Paard6g	-2.44
BC034054	-2.44	1200016E24Rik	-1.79	Edg2	-2.38	Mest	-2.50	Epha3	-2.17	Mllt4	-2.33	Pdrg1	-2.44
BC017158	-2.44	1500004F05Rik	-1.79	Gata6	-2.38	MGCC6357	-2.50	Fhl1	-2.17	Pea15	-2.33	Pvrl3	-2.44
Bach2	-2.44	1700025G04Rik	-1.79	H2-L	-2.38	Myl6	-2.50	Gli3	-2.17	Rhoc	-2.33	S100a11	-2.44
B230343A10Rik	-2.44	2300009N04Rik	-1.79	Ifi35	-2.38	Prkar2b	-2.50	Hspb6	-2.17	Rhod	-2.33	Tgfb2	-2.44
4930488P06Rik	-2.44	2310047K21Rik	-1.79	LOC244864	-2.38	Ptprd	-2.50	Klf7	-2.17	Sh3yl1	-2.33	Tmsb10	-2.44
4930422J18Rik	-2.44	4732481H14Rik	-1.79	LOC385065	-2.38	Rapsn	-2.50	LOC381633	-2.17	Slc7a3	-2.33	1110012O05Rik	-2.38
4632417K18Rik	-2.44	Ankrd10	-1.79	Mbnl2	-2.38	Rasgrp3	-2.50	LOC384315	-2.17	Sltt2	-2.33	1110014O20Rik	-2.38
2810022L02Rik	-2.44	Atf4	-1.79	Mmp17	-2.38	Rbbp7	-2.50	Nfkbiz	-2.17	Stmn4	-2.33	6720475J19Rik	-2.38
2310016C16Rik	-2.44	Atp5e	-1.79	Prkacb	-2.38	Rbp1	-2.50	Rassf1	-2.17	Stx1a	-2.33	Apodd1	-2.38
1810009N02Rik	-2.44	AW551984	-1.79	Rap1gds1	-2.38	Rhobtb3	-2.50	Rbm4	-2.17	Thsd6	-2.33	Bex2	-2.38
Unc84b	-2.38	Birc5	-1.79	Sertad2	-2.38	scf0003073.1_164	-2.50	Siat8b	-2.17	Tmem119	-2.33	Btbd3	-2.38
Tcf19	-2.38	C77604	-1.79	Tap2	-2.38	Sfrp2	-2.50	Smarcd3	-2.17	Twist2	-2.33	C130021120	-2.38
Tax1bp3	-2.38	Cdca4	-1.79	Tbc1d2b	-2.38	Smarcd3	-2.50	Tafb9	-2.17	Wnt2	-2.33	Camk2n1	-2.38
Sox10	-2.38	Chrbm1	-1.79	Tceal1	-2.38	Tcf3	-2.50	Ube2e3	-2.17	1500009L16Rik	-2.27	Fndc5	-2.38
scf0001978.1_6	-2.38	D930042A21Rik	-1.79	Tdrd7	-2.38	Twist1	-2.50	Wdfy1	-2.17	3110054C06Rik	-2.27	Gdf10	-2.38
Rbms1	-2.38	Gypc	-1.79	Trio	-2.38	Wt1	-2.50	Zfp251	-2.17	A630096C01Rik	-2.27	Krt1-19	-2.38
Rab32	-2.38	H2afv	-1.79	Twsg1	-2.38	Zfp251	-2.50	Zfp251	-2.17	BC011487	-2.27	LOC385454	-2.38
Prmt2	-2.38	Hist1h2ad	-1.79	5430411K18Rik	-2.33	1700025G04Rik	-2.44	Zfp639	-2.17	Cnd3	-2.27	Pea15	-2.38
Prkar2b	-2.38	Hmgm2	-1.79	8430415N23Rik	-2.33	2610200014Rik	-2.44	2310004N24Rik	-2.13	Cdc42ep3	-2.27	scf000319622.1_241	-2.38
Ppic	-2.38	LOC382215	-1.79	Acot2	-2.33	2810427I04Rik	-2.44	2410006H16Rik	-2.13	Centd1	-2.27	Slc9a3r2	-2.38
Ppapdc1	-2.38	LOC384315	-1.79	Arlngdib	-2.33	7420404O03Rik	-2.44	Adamts5	-2.13	Ckb	-2.27	Yk6	-2.38
Papss1	-2.38	Mtbp	-1.79	Ascc2	-2.33	Adam19	-2.44	Akt1s1	-2.13	Cldn12	-2.27	Zfpm1	-2.38
Mospd1	-2.38	Mthfd2	-1.79	Atf4	-2.33	Bcar1	-2.44	B3gnt5	-2.13	Dapk2	-2.27	1700007K13Rik	-2.33
Gpc3	-2.38	Tuba7	-1.79	Cyp7b1	-2.33	C230098O21Rik	-2.44	Dok1	-2.13	Dmwd	-2.27	1810049K24Rik	-2.33
Foxc1	-2.38	Tubb2b	-1.79	Dpp8	-2.33	Cav1	-2.44	Ebf3	-2.13	Elavl2	-2.27	2310045A20Rik	-2.33
D130027M04Rik	-2.38	1110001A07Rik	-1.75	Dusp1	-2.33	Copz2	-2.44	Edn1	-2.13	Epha2	-2.27	2310061N23Rik	-2.33
Cyba	-2.38	2610524H06Rik	-1.75	E130307J07Rik	-2.33	Dok1	-2.44	Ednrbr	-2.13	Epha3	-2.27	3110079O15Rik	-2.33
Cxx1a	-2.38	2610528M18Rik	-1.75	Fath	-2.33	Flrt2	-2.44	Flrt2	-2.13	Foxd1	-2.27	Alcam	-2.33
Cmtm7	-2.38	3110001D03Rik	-1.75	Fmnl3	-2.33	Gamt	-2.44	Gfnf15	-2.13	Gjb3	-2.27	Cbln1	-2.33
B930041F14Rik	-2.38	4930553M18Rik	-1.75	Fzd2	-2.33	Hdac7a	-2.44	Gga2	-2.13	Hrc	-2.27	Cdc34	-2.33
B230369L08Rik	-2.38	5730438N18Rik	-1.75	Gpc1	-2.33	Il1rl1	-2.44	Gm1012	-2.13	Isl1	-2.27	Ckap1	-2.33
Adamts5	-2.38	9130213B05Rik	-1.75	Gpr177	-2.33	Kbtbd5	-2.44	Gnb4	-2.13	LOC383576	-2.27	Cpm	-2.33
A730054J21Rik	-2.38	Asphd2	-1.75	Ierf5	-2.33	Kremen2	-2.44	LOC215999	-2.13	Ngrfp1	-2.27	Crif1	-2.33
9430052C07Rik	-2.38	BC043098	-1.75	Letm1	-2.33	LOC233401	-2.44	LOC386534	-2.13	Pcolce2	-2.27	Homer2	-2.33
3222401M22Rik	-2.38	C1qb	-1.75	LOC386564	-2.33	LOC385065	-2.44	Nradd	-2.13	Reprimo	-2.27	Isl1	-2.33
2700055K07Rik	-2.38	Car3	-1.75	Lrrk1	-2.33	Marveld1	-2.44	Pofut2	-2.13	Tm4sf12	-2.27	Raet1b	-2.33
2610200O14Rik	-2.38	Cart	-1.75	Mx2	-2.33	Nrp	-2.44	Pvr3	-2.13	Tmem23	-2.27	Rassf1	-2.33
2310047D13Rik	-2.38	Chn2	-1.75	Pbxip1	-2.33	Rgl1	-2.44	Slc12a2	-2.13	5033430I15Rik	-2.22	Ripk3	-2.33
1810018P12Rik	-2.38	Dapk2	-1.75	Plod3	-2.33	Rhobtb1	-2.44	Slc04a1	-2.13	5730438N18Rik	-2.22	Serpine2	-2.33
Vgll4	-2.33	Efnb1	-1.75	Rap2c	-2.33	Smtn	-2.44	Snal2	-2.13	AJ430384	-2.22	Tax1bp3	-2.33
Vegfc	-2.33	Gcap27	-1.75	Rgs10	-2.33	Sox4	-2.44	Srl	-2.13	Apodd1	-2.22	Thsd6	-2.33
Tmem65	-2.33	Gm561	-1.75	Tex27	-2.33	Stmn4	-2.44	Tm4sf1	-2.13	BC035295	-2.22	2310002L09Rik	-2.27
Stmn4	-2.33	Gprasp1	-1.75	Tmem119	-2.33	Tgfb2	-2.44	Traf4	-2.13	Bcl11a	-2.22	Arl10b	-2.27
Slamf9	-2.33	KIF23	-1.75	Tspsyl3	-2.33	Tgfb1	-2.44	Twist1	-2.13	Bmpbr	-2.22	Asb2	-2.27
Ralb	-2.33	LOC382972	-1.75	Tulp4	-2.33	Tmem46	-2.44	2310014H01Rik	-2.08	C1qtnf2	-2.22	C030003D03Rik	-2.27
Ptprd	-2.33	Matn4	-1.75	Unc5b	-2.33	Tspsyl3	-2.44	2310040B03Rik	-2.08	Ccm4f	-2.22	C1qtnf2	-2.27
Phc2	-2.33	Ncam1	-1.75	Wfs1	-2.33	1300002F13Rik	-2.38	9430052C07Rik	-2.08	Cdc34	-2.22	Cpxm1	-2.27
Pgam2	-2.33	Nes	-1.75	1110038B12Rik	-2.27	4631422O05Rik	-2.38	A630096C01Rik	-2.08	Dcx25	-2.22	Crabp2	-2.27
Lrp12	-2.33	Prkcn	-1.75	1300018I05Rik	-2.27	6030443O07Rik	-2.38	Actn3	-2.08	E230011E21Rik	-2.22	Ehd1	-2.27
Lmod3	-2.33	Rgs5	-1.75	2310014F06Rik	-2.27	Adamts9	-2.38	Asb2	-2.08	Efnas5	-2.22	Ilk	-2.27
Lhfp	-2.33	Ttn	-1.75	2310036D22Rik	-2.27	Ttn	-2.38	BC063749	-2.08	Farp1	-2.22	Mdm2	-2.27
Hrmt111	-2.33	Zfp68	-1.75	2810453K03Rik	-2.27	C130072A16Rik	-2.38	Cxcl12	-2.08	Hras1	-2.22	Mylc2b	-2.27
Hp1bp3	-2.33	1500003I1H04Rik	-1.72	AW146242	-2.27	Camk1	-2.38	Dbn1	-2.08	Igfsf9	-2.22	Parva	-2.27
H2afy3	-2.33	1810009N02Rik	-1.72	Bcl6	-2.27	Chodl	-2.38	Fabp3	-2.08	Pde4dip	-2.22	Plau	-2.27
Gpsm1	-2.33	1810038L18Rik	-1.72	C030002B11Rik	-2.27	Cryab	-2.38	Fus	-2.08	Reep1	-2.22	Ptfr	-2.27
Gli3	-2.33	1810043J12Rik	-1.72	Efs	-2.27	Csrp2	-2.38	Gas8	-2.08	2200002D01Rik	-2.17	Slc29a4	-2.27
Gamt	-2.33	2310039E09Rik	-1.72	Fbn1	-2.27	Cugbp2	-2.38	ldb4	-2.08	2210415M20Rik	-2.17	Tgfb14	-2.27
Fndc5	-2.33	2310042L06Rik	-1.72	Hspa5	-2.27	Cyp7b1	-2.38	Igf2	-2.08	2200002D01Rik	-2.17	2200002D01Rik	-2.22
Fgf21	-2.33	4833412C05Rik	-1.72	Il13ra1	-2.27	D130027M04Rik	-2.38	LOC382691	-2.08	Actn3	-2.17	2310016C16Rik	-2.22
Ednrbr	-2.33	4933417E08Rik	-1.72	Il13ra1	-2.27	Fis1	-2.38	LOC382707	-2.08	Actn4	-2.17	2410005K17Rik	-2.22
Dbn1	-2.33	Adcy4	-1.72	Leprel2	-2.27	Frda	-2.38	Pea15	-2.08	Bcl2l1	-2.17	2810427I04Rik	-2.22
Cdkn1a	-2.33	BC034054	-1.72	Nfkbiz	-2.27	G1p2	-2.38	Prkar2b	-2.08	C130021120	-2.17	Aard	-2.22
C130092E12	-2.33	Col5	-1.72	Pea15	-2.27	Gabarap	-2.38	Prmt2	-2.08	Cone1	-2.17	Ar14c	-2.22
B430201A12Rik	-2.33	Cmya4	-1.72	Rbmx	-2.27	Hist1h3d	-2.38	Rgl1	-2.08	Gnb1	-2.17	Bcar1	-2.22
Ap1s1	-2.33	Crs1	-1.72	Rhob	-2.27	Ifi202	-2.38	S100a8	-2.08	Irs2	-2.17	C130073O12Rik	-2.22
Al427515	-2.33	D330006C15Rik	-1.72	scf0002956.1_592	-2.27	Ilk	-2.38	scf0003799.1_2	-2.08	Irga11	-2.17	Car3	-2.22
6720475J19Rik	-2.33	D53003D03Rik	-1.72	Sema3a	-2.27	LOC382691	-2.38	Slc39a6	-2.08	Lhfp	-2.17	Cd3g	-2.22

2310039E09Rik	-2.33	Dph4	-1.72	Slc3a2	-2.27	LOC384742	-2.38	Slc2	-2.08	Mgll	-2.17	Cdh11	-2.22
1810038L18Rik	-2.33	Fads1	-1.72	2010305C02Rik	-2.22	Maged1	-2.38	Tax1bp3	-2.08	Mod1	-2.17	Cxcl1a	-2.22
1110055E19Rik	-2.33	Fhl1	-1.72	2310033F14Rik	-2.22	Pdgrf1	-2.38	Tcap	-2.08	Myf6	-2.17	Cyp1b1	-2.22
Zfp36	-2.27	Hes1	-1.72	2600014M03Rik	-2.22	Ppic	-2.38	Twist2	-2.08	Rgs5	-2.17	Etna5	-2.22
Zfp282	-2.27	Hist1h2ah	-1.72	2610024M03Rik	-2.22	Pvrl2	-2.38	2610024N24Rik	-2.04	scl0003547_1_6	-2.17	Fkbp14	-2.22
Wdfy1	-2.27	Idb4	-1.72	9530064J02	-2.22	Smo	-2.38	2810442O16Rik	-2.04	Slc29a4	-2.17	Hoxb2	-2.22
Tmem98	-2.27	LOC219145	-1.72	Akr1b8	-2.22	Tmem98	-2.38	4833426J09Rik	-2.04	Srl	-2.17	Kcnk1	-2.22
Tgfb1	-2.27	LOC233401	-1.72	Arl2	-2.22	Tpm3	-2.38	4933421G18Rik	-2.04	Ssb4	-2.17	Lhfp	-2.22
Srpx	-2.27	LOC386486	-1.72	Asphd2	-2.22	Zfp361f	-2.38	5430416N02Rik	-2.04	Tagln2	-2.17	LOC328703	-2.22
Smardc3	-2.27	Lrrc57	-1.72	B230369L08Rik	-2.22	1810011E08Rik	-2.33	B930096L08Rik	-2.04	Tabu1	-2.17	Nedd9	-2.22
Sh3gbl1	-2.27	Nfil3	-1.72	BC006779	-2.22	2700063P19Rik	-2.33	C130072A16Rik	-2.04	1810043J12Rik	-2.13	Plekkg2	-2.22
scl0001419_1_32	-2.27	Panx3	-1.72	C1qtnf3	-2.22	3110079O15Rik	-2.33	C920004C08Rik	-2.04	1810049K24Rik	-2.13	Pvrl2	-2.22
Prkg1	-2.27	Pdlim5	-1.72	C430049K18Rik	-2.22	5330417K06Rik	-2.33	Cnih4	-2.04	2810427I04Rik	-2.13	Sec24d	-2.22
Ppm1l	-2.27	Pkrir	-1.72	Col4a2	-2.22	9430028L06Rik	-2.33	Col3a1	-2.04	Aard	-2.13	Snn	-2.22
Plekhc1	-2.27	Ppif38a	-1.72	Ctssz	-2.22	Al448196	-2.33	D530030D03Rik	-2.04	Cacna2d1	-2.13	Stmn2	-2.22
Nid1	-2.27	Ptprb	-1.72	Dbp	-2.22	B3gnt5	-2.33	Dhrs6	-2.04	Efnb1	-2.13	Stmn4	-2.22
Mest	-2.27	Rabl2a	-1.72	Dcn	-2.22	Btg1	-2.33	Dullard	-2.04	Emd	-2.13	Tmem166	-2.22
Klf7	-2.27	Rbm4	-1.72	Dgkck	-2.22	C630002N04Rik	-2.33	Dfoxc1	-2.04	Gaint4	-2.13	2610024E20Rik	-2.17
ltgb1bp1	-2.27	Rnf130	-1.72	Ets2	-2.22	Cfbf	-2.33	Gdf10	-2.04	Gprc5a	-2.13	4933412E12Rik	-2.17
ldb1	-2.27	scl0003955_1_3	-1.72	Extl2	-2.22	Ddit4l	-2.33	Hes1	-2.04	Igfbp3	-2.13	Arl2	-2.17
Hrc	-2.27	scl0004008_1_6	-1.72	Foxc2	-2.22	Dm15	-2.33	Hist2h2ab	-2.04	Inpp5a	-2.13	BC063749	-2.17
Fstl	-2.27	Slc24a3	-1.72	Fmd6	-2.22	Dullard	-2.33	lft20	-2.04	Ndufb6	-2.13	C030027H14Rik	-2.17
Fst	-2.27	Snrp1	-1.72	Gbp2	-2.22	E130203B14Rik	-2.33	Lbh	-2.04	Nxn	-2.13	Codc3	-2.17
Creb3l2	-2.27	Snprf	-1.72	H2-Q2	-2.22	E430016J11Rik	-2.33	Mmp23	-2.04	Ripk3	-2.13	Dbn1	-2.17
Chodl	-2.27	Tcf19	-1.72	Hspg2	-2.22	E1f4e2	-2.33	Mylid116	-2.04	Sult4a1	-2.13	Dcn	-2.17
Ccl5	-2.27	Tmem108	-1.72	Irf7	-2.22	Epha3	-2.33	P2ry5	-2.04	Tbx4	-2.13	Dstin	-2.17
Basp1	-2.27	1110001N06Rik	-1.69	Lrn3	-2.22	Erp29	-2.33	Plekhf1	-2.04	Timm17a	-2.13	Ebf2	-2.17
Antxr1	-2.27	1300010A20Rik	-1.69	MGC6357	-2.22	H47	-2.33	Popdc2	-2.04	Vegfc	-2.13	F8a	-2.17
6230401102Rik	-2.27	1700048O20Rik	-1.69	Nfat5	-2.22	Hist1h2ad	-2.33	Scarf2	-2.04	Wtp	-2.13	Fgf7	-2.17
4631423F02Rik	-2.27	2310015B20Rik	-1.69	Nicn1	-2.22	Idb4	-2.33	scl0001276_1_18	-2.04	2310045A20Rik	-2.08	Fscn1	-2.17
2610027C15Rik	-2.27	2900073G15Rik	-1.69	Reg1	-2.22	Kcnab1	-2.33	scl0001419_1_32	-2.04	2310057H16Rik	-2.08	Ier3	-2.17
2610009E16Rik	-2.27	3002006F17Rik	-1.69	Rhoe	-2.22	LOC209281	-2.33	Sec61b	-2.04	2410003B16Rik	-2.08	Lgals1	-2.17
0610041G09Rik	-2.27	6330439P19Rik	-1.69	Sca1	-2.22	Lpl	-2.33	Sna1	-2.04	Acol7	-2.08	LOC383189	-2.17
Zfp68	-2.22	BC064033	-1.69	Slc35b4	-2.22	Lrrc57	-2.33	Tns	-2.04	B230114H05Rik	-2.08	Lrrc28	-2.17
Zfp521	-2.22	Bex2	-1.69	Smad1	-2.22	Mbd3	-2.33	Tpm2	-2.04	Bat5	-2.08	Mfap4	-2.17
Zdnhc16	-2.22	Casp2	-1.69	Soat1	-2.22	Meis1	-2.33	5430417J04Rik	-2.00	Btbd3	-2.08	Pcyt1a	-2.17
Tusc1	-2.22	Ckap2	-1.69	Tpm4	-2.22	Mmp23	-2.33	9430029K10Rik	-2.00	C920005C14Rik	-2.08	Pls3	-2.17
Trio	-2.22	Csrp1	-1.69	Twistnb	-2.22	Nfkbiz	-2.33	Arfgap1	-2.00	Car3	-2.08	Ppp6c	-2.17
Tmsb10	-2.22	Fdps	-1.69	Unc84b	-2.22	Prdx4	-2.33	BC002163	-2.00	Cav1	-2.08	Sox11	-2.17
Snx24	-2.22	Hist1h3a	-1.69	Wbp4	-2.22	Serf2	-2.33	BC039093	-2.00	Chst1	-2.08	Tle1	-2.17
Sec24d	-2.22	Josd3	-1.69	Wtd3-pending	-2.22	Serinc2	-2.33	Camk1	-2.00	D5Bwg0834e	-2.08	Wbp5	-2.17
Sdcbp	-2.22	Kcna6	-1.69	Zfp521	-2.22	Siva	-2.33	Codc109a	-2.00	Gcap27	-2.08	2310024N18Rik	-2.13
scl000418_1_42	-2.22	LOC223594	-1.69	1110007C02Rik	-2.17	Slc27a3	-2.33	Ccl17	-2.00	Gpc4	-2.08	9430028L06Rik	-2.13
Rnf19	-2.22	LOC224732	-1.69	2210404D11Rik	-2.17	Tpm1	-2.33	Ccl7	-2.00	Gpx3	-2.08	A630096C01Rik	-2.13
Rhbdfl1	-2.22	LOC240672	-1.69	Aff1	-2.17	Wnt5a	-2.33	Ch25h	-2.00	Idb4	-2.08	Actb	-2.13
Pofut2	-2.22	LOC269401	-1.69	Apob48r	-2.17	5330438E18Rik	-2.27	Col6a2	-2.00	Igf2r	-2.08	A1747699	-2.13
Nipa1	-2.22	LOC667250	-1.69	B230114H05Rik	-2.17	6530401D17Rik	-2.27	Col8a1	-2.00	Lasp1	-2.08	Amigo3	-2.13
Mmp14	-2.22	Mrpl18	-1.69	Cdh11	-2.17	A130072J07Rik	-2.27	Col9a2	-2.00	LOC382902	-2.08	Anxa5	-2.13
Lor	-2.22	Mrps9	-1.69	DOHXS9928E	-2.17	A630072M18Rik	-2.27	Eng	-2.00	Mboat2	-2.08	Arhgef5	-2.13
Hdac7a	-2.22	Nme6	-1.69	Ddx58	-2.17	A630084D02Rik	-2.27	Ets1	-2.00	Nckap1	-2.08	Bach2	-2.13
H47	-2.22	Pafah1b3	-1.69	H1f0	-2.17	Actb	-2.27	Fbxo4	-2.00	Olfml2b	-2.08	BC017647	-2.13
Ets1	-2.22	Pfc	-1.69	Htatip2	-2.17	Ankrd1	-2.27	Fkhl1	-2.00	Raet1b	-2.08	BC039093	-2.13
Emp3	-2.22	Pkig	-1.69	Insl6	-2.17	Col6a2	-2.27	Grc10	-2.00	Rapsn	-2.08	C77604	-2.13
Dpep1	-2.22	Sh3gbl1	-1.69	Ly6e	-2.17	D2Bwg1335e	-2.27	Hist1h2ag	-2.00	Iffc	-2.08	Ccl17	-2.13
Dpagt1	-2.22	Slc43a1	-1.69	Lzts2	-2.17	Ets1	-2.27	Irs2	-2.00	Tgfb11	-2.08	Creld2	-2.13
Cryab	-2.22	Sgale	-1.69	Ogfr	-2.17	Gga2	-2.27	LOC383899	-2.00	Thy1	-2.08	Fjx1	-2.13
Copeb	-2.22	Uchl1	-1.69	Prss15	-2.17	Irak2	-2.27	Mospd1	-2.00	Trib2	-2.08	Gap43	-2.13
Blvra	-2.22	Zfp36	-1.69	Ptgjs	-2.17	Kctd10	-2.27	Myl9	-2.00	Tsg101	-2.08	Gtse1	-2.13
BC064033	-2.22	1810032O08Rik	-1.67	Qscn6	-2.17	Klf7	-2.27	Pak2	-2.00	Wbp5	-2.08	Igf2bp3	-2.13
Anxa5	-2.22	2210021A15Rik	-1.67	Rbpms	-2.17	Lmod3	-2.27	Pcp4l1	-2.00	1110014O20Rik	-2.04	Inha	-2.13
Actn1	-2.22	2500002A22Rik	-1.67	Rsu1	-2.17	Nsdhl	-2.27	Prrx2	-2.00	1500005K14Rik	-2.04	Kctd10	-2.13
7420404O03Rik	-2.22	2810017I02Rik	-1.67	Twist2	-2.17	Pdlim1	-2.27	Rbbp7	-2.00	2310007D09Rik	-2.04	Kctd5	-2.13
2900078C09Rik	-2.22	4833424P18Rik	-1.67	Vegfb	-2.17	Phlda3	-2.27	Rbm9	-2.00	5033403D15Rik	-2.04	Llglh2	-2.13
2410018G23Rik	-2.22	6030443O07Rik	-1.67	1500031H04Rik	-2.13	Pitx2	-2.27	Rgs5	-2.00	Bach2	-2.04	Maged2	-2.13
2310002L09Rik	-2.22	Acsl3	-1.67	2310046G15Rik	-2.13	Rgs5	-2.27	Rhobtb1	-2.00	C030003D03Rik	-2.04	Mp2k4	-2.13
1810049K24Rik	-2.22	Ankrd38	-1.67	2700031B12Rik	-2.13	Runx1	-2.27	scl0001627_1_140	-2.00	C79267	-2.04	Mospd1	-2.13
1700113I22Rik	-2.22	Axud1	-1.67	A730040I05Rik	-2.13	Sec61b	-2.27	Sema3a	-2.00	Cdk5r1	-2.04	Ptprb	-2.13
1700019G06Rik	-2.22	Cenpi	-1.67	Adprh	-2.13	Tagln2	-2.27	Silt1	-2.00	Chst7	-2.04	Rapsn	-2.13
1200016E24Rik	-2.22	Crcp	-1.67	Btg1	-2.13	Tnfaip8	-2.27	Sox4	-2.00	Ednra	-2.04	Sh3gbl1	-2.13
1190005N23Rik	-2.22	Dnajc15	-1.67	Camk2n1	-2.13	Tubaj1a	-2.27	St5	-2.00	Garnl4	-2.04	Ssb4	-2.13
Xbp1	-2.17	Fads2	-1.67	Ccl8	-2.13	Vgll4	-2.27	Tagln2	-2.00	Hoxc10	-2.04	Tex27	-2.13
Tmem9b	-2.17	Igf2bp3	-1.67	Cd40	-2.13	Zyx	-2.27	Tmem166	-2.00	Inha	-2.04	Tubb2b	-2.13

Tmem43	-2.17	Igfbp4	-1.67	D430039N05Rik	-2.13	3222401M22Rik	-2.22	Vps45	-2.00	Kdelr3	-2.04	Unc5b	-2.13
Tgfb14	-2.17	Igfbp4	-1.67	Ein	-2.13	6820402O20Rik	-2.22	X83328	-2.00	Lmod3	-2.04	Z310057H16Rik	-2.08
Siat8b	-2.17	Irs2	-1.67	Emilin1	-2.13	9130227C08Rik	-2.22	1110006115Rik	-1.96	LOC269859	-2.04	5033430115Rik	-2.08
scf00260315.1_244	-2.17	Klf4	-1.67	Epha3	-2.13	9430080K19Rik	-2.22	1110019C08Rik	-1.96	Plaur	-2.04	6230400G14Rik	-2.08
scf0001276.1_18	-2.17	LOC381230	-1.67	Ets1	-2.13	A530082O13Rik	-2.22	1700023M03Rik	-1.96	Plod2	-2.04	Ass1	-2.08
Rin3	-2.17	LOC381398	-1.67	Ext1	-2.13	A630097A12Rik	-2.22	2310008M10Rik	-1.96	Poik	-2.04	AU022508	-2.08
Rgma	-2.17	Magoh	-1.67	Gnpda2	-2.13	AL024069	-2.22	Z310045A20Rik	-1.96	Ptk2	-2.04	Axud1	-2.08
Rgl1	-2.17	Mrp148	-1.67	Gpc6	-2.13	Aqp1	-2.22	5830471E12Rik	-1.96	Ptk7	-2.04	BC022687	-2.08
Popdc3	-2.17	Ndc80	-1.67	Inhbb	-2.13	BC032967	-2.22	A530030G15Rik	-1.96	Rab4a	-2.04	BC031181	-2.08
Pom12	-2.17	Nnat	-1.67	Lgals8	-2.13	Cbln1	-2.22	Atp1b1	-1.96	scf0001419.1_32	-2.04	Caena2d1	-2.08
Pfn2	-2.17	Nppa	-1.67	LOC231241	-2.13	Ccl17	-2.22	B3galt6	-1.96	Tarbp2	-2.04	Cav1	-2.08
Mobkl2a	-2.17	Pdlim7	-1.67	Magee1	-2.13	Cdk4	-2.22	C630002N04Rik	-1.96	Tgfb2	-2.04	Ccl2	-2.08
Matn1	-2.17	Psmc3	-1.67	Mil12h	-2.13	Col3a1	-2.22	Ccl2	-1.96	Tubb2b	-2.04	Chst7	-2.08
LOC386534	-2.17	Sertad4	-1.67	Mobkl2a	-2.13	Col6a1	-2.22	Ckifs3	-1.96	Vamp3	-2.04	Clic1	-2.08
LOC328703	-2.17	Ssb4	-1.67	Oas1g	-2.13	D330006C15Rik	-2.22	Col4a1	-1.96	4732481H14Rik	-2.00	Col2a1	-2.08
Itga5	-2.17	Tmem47	-1.67	Pdrg1	-2.13	D5Ert0593e	-2.22	D5Ert0593e	-1.96	4933417E08Rik	-2.00	Col9a2	-2.08
Isl1	-2.17	Tmpo	-1.67	scf0002883.1_98	-2.13	Egr1	-2.22	D630041K24Rik	-1.96	AW555464	-2.00	D1Ert0471e	-2.08
Inpp5a	-2.17	Tmsb10	-1.67	Ton2	-2.13	Emilin1	-2.22	Dusp3	-1.96	Basp1	-2.00	Dapk2	-2.08
Ier3	-2.17	Traf4	-1.67	Tdrkh	-2.13	Eng	-2.22	Gadd45g	-1.96	Caecng1	-2.00	Dpep1	-2.08
H1f0	-2.17	Tspyl3	-1.67	Tex264	-2.13	Fmnl3	-2.22	Gemin7	-1.96	Dbn1	-2.00	E230011E21Rik	-2.08
Frm44a	-2.17	Zlpro1	-1.67	Vps26	-2.13	Foxc2	-2.22	Gpsm1	-1.96	Fgf13	-2.00	Efnb1	-2.08
Fkbp14	-2.17	1110014O20Rik	-1.64	Wnt5a	-2.13	Gjb2	-2.22	Gus-s	-1.96	Igf2	-2.00	H47	-2.08
Epha3	-2.17	1500031N17Rik	-1.64	Zfp608	-2.13	Igfbp6	-2.22	Hist2haa2	-1.96	Ilk	-2.00	Hras1	-2.08
Epb4.1i3	-2.17	Z310047D13Rik	-1.64	3222401M22Rik	-2.08	Inha	-2.22	LOC270491	-1.96	Kras2	-2.00	Idb4	-2.08
D15Ert0366e	-2.17	3110004H13Rik	-1.64	4632408A20Rik	-2.08	Irs2	-2.22	LOC381230	-1.96	Myd116	-2.00	Palld	-2.08
Col8a1	-2.17	6330403E01Rik	-1.64	4933424C13Rik	-2.08	Kctd1	-2.22	Lsm7	-1.96	Phc2	-2.00	Pomt2	-2.08
Cdh11	-2.17	6430590I03Rik	-1.64	9130415E20Rik	-2.08	LOC383899	-2.22	Mage2	-1.96	Pitpnm2	-2.00	Rgs5	-2.08
Cd97	-2.17	7420404O03Rik	-1.64	Agrn	-2.08	Mglap	-2.22	Matn4	-1.96	Ppp6c	-2.00	Sec13l1	-2.08
Cbara1	-2.17	9430008C03Rik	-1.64	Armcx2	-2.08	Mobkl2a	-2.22	Nptx2	-1.96	Ptprb	-2.00	Sec61b	-2.08
C330027I04Rik	-2.17	9430065L19Rik	-1.64	C1qtnf5	-2.08	Pard6g	-2.22	C1nshl	-1.96	Rgs12	-2.00	Sh3y11	-2.08
BC032967	-2.17	AK129302	-1.64	Ccl7	-2.08	Pomt2	-2.22	Papd4	-1.96	Slc40a1	-2.00	Sostdc1	-2.08
9030024J15Rik	-2.17	B1300017M24Rik	-1.64	Cited2	-2.08	scf0001627.1_140	-2.22	Pard6g	-1.96	Tcap	-2.00	Z510010F15Rik	-2.04
5330438E18Rik	-2.17	Bcar1	-1.64	D8Ert0354e	-2.08	Slc4a1	-2.22	Rtn2	-1.96	Vgf	-2.00	4831437C03Rik	-2.04
2700063P19Rik	-2.17	Bves	-1.64	Galnt10	-2.08	Slit2	-2.22	Sc4mol	-1.96	1200016E24Rik	-1.96	Actn3	-2.04
1810020C19Rik	-2.17	Cdca3	-1.64	Gng8	-2.08	Sostdc1	-2.22	Scand1	-1.96	1810006K23Rik	-1.96	Als2	-2.04
Yaf2	-2.13	Coq7	-1.64	Gpsm1	-2.08	St8	-2.22	scf0002507.1_236	-1.96	2810032E02Rik	-1.96	Appbp2	-2.04
Tuba1a	-2.13	Ebf3	-1.64	Igfbp4	-2.08	Tyms	-2.22	scf0003828.1_8	-1.96	4933428A15Rik	-1.96	Atp2a2	-2.04
Tspan4	-2.13	Gamt	-1.64	Igfbp4	-2.08	Ugp2	-2.22	Sec61g	-1.96	Ankrd50	-1.96	B3bp	-2.04
Tcap	-2.13	Hist1h2ak	-1.64	Kcnab1	-2.08	Zfp260	-2.22	Slc38a4	-1.96	Bcat1	-1.96	Basp1	-2.04
Stk23	-2.13	Hist1h3b	-1.64	Mgrn1	-2.08	Zfp521	-2.22	Sqle	-1.96	Bdnf	-1.96	BC058638	-2.04
Sri	-2.13	Hoxd10	-1.64	mtDNA_ND4L	-2.08	1700023M03Rik	-2.17	Stmn4	-1.96	C77604	-1.96	C230098O21Rik	-2.04
Snai1	-2.13	Hs3st1	-1.64	Nfe2l1	-2.08	Z310002L09Rik	-2.17	Tgfb1	-1.96	Capn2	-1.96	Cdk5r1	-2.04
Slit2	-2.13	Jtv1	-1.64	Prkar2b	-2.08	Z310003M01Rik	-2.17	Tm4sf12	-1.96	Col9a2	-1.96	Copeb	-2.04
Rtn2	-2.13	LOC219049	-1.64	Rab34	-2.08	A730054J21Rik	-2.17	Tpbp	-1.96	D15Wsu75e	-1.96	Ddx25	-2.04
Rit1	-2.13	LOC280205	-1.64	Rbm4	-2.08	Aard	-2.17	Trappc3	-1.96	Egr1	-1.96	Dn15	-2.04
Rgs5	-2.13	Mcc	-1.64	Rbms2	-2.08	Arfgap1	-2.17	Tyms	-1.96	Ei24	-1.96	Dok1	-2.04
Phlda1	-2.13	Nat5	-1.64	Rin1	-2.08	Bcl2a1b	-2.17	Ubx1	-1.96	Ets2	-1.96	Dtr	-2.04
Nradd	-2.13	Pdlim1	-1.64	Rragc	-2.08	Ccm2	-2.17	Wsb2	-1.96	Gm1012	-1.96	Dynll1	-2.04
Lzts2	-2.13	Polr2i	-1.64	Ryk	-2.08	Dcn	-2.17	1810009K13Rik	-1.92	Hoxc9	-1.96	Gemin7	-2.04
LOC240672	-2.13	Psm7	-1.64	scf0002644.1_1164	-2.08	Efna5	-2.17	Z810032E02Rik	-1.92	Hspa5bp1	-1.96	Gjb2	-2.04
Kns15	-2.13	Sbk	-1.64	scf0003073.1_164	-2.08	Efnb1	-2.17	4631422O05Rik	-1.92	Kcnab1	-1.96	Igfb1	-2.04
Herpud1	-2.13	Scrib	-1.64	Slc6a8	-2.08	Gnb1	-2.17	5033428A16Rik	-1.92	Limk2	-1.96	Klf3	-2.04
Gulp1	-2.13	Snrp2	-2.08	Tpm2	-2.08	Hist2haa2	-2.17	Alpk3	-1.92	limk2b	-1.96	Lgals9	-2.04
D2Bwg0891e	-2.13	Socs2	-1.64	1110005F07Rik	-2.04	Klf2	-2.17	Arhgdib	-1.92	LOC331102	-1.96	LOC331102	-2.04
Cpne8	-2.13	Socs4	-1.64	1200007D18Rik	-2.04	LOC215999	-2.17	Armcx1	-1.92	Lrrc28	-1.96	LOC385644	-2.04
Cdo1	-2.13	Supt4h	-1.64	1500041B16Rik	-2.04	Mrg1	-2.17	B230104P22Rik	-1.92	Mospd1	-1.96	Magee1	-2.04
Cd248	-2.13	Tbx4	-1.64	1700095N21Rik	-2.04	Mxs1	-2.17	Bhlhb9	-1.92	Myc2b	-1.96	Mgll	-2.04
C920004C08Rik	-2.13	Tmem65	-1.64	1810009M01Rik	-2.04	Myd116	-2.17	Blmh	-1.92	Parva	-1.96	Mxs1	-2.04
C1ag	-2.13	Tpd521	-1.64	Z310016C16Rik	-2.04	Nfatc4	-2.17	C920027118Rik	-1.92	Rai14	-1.96	Mtvr2	-2.04
Antxr2	-2.13	Wdfy1	-1.64	Z410003B16Rik	-2.04	Plekhh2	-2.17	Ccnd3	-1.92	Ror2	-1.96	Ppp2cb	-2.04
Ankrd50	-2.13	Xlr4a	-1.64	2610511O17Rik	-2.04	Rxrg	-2.17	Cnn2	-1.92	Rxrg	-1.96	Pqjc2	-2.04
9930105H17Rik	-2.13	Zfp251	-1.64	A630084D02Rik	-2.04	Teal1	-2.17	Comt	-1.92	scf0002540.1_6	-1.96	Prickle1	-2.04
9430028L06Rik	-2.13	Zfp90	-1.64	Arsa	-2.04	Tm4sf8	-2.17	Cop22	-1.92	scf0002855.1_1056	-1.96	Sc4mol	-2.04
3110079O15Rik	-2.13	Zfp90	-1.64	Bbs5	-2.04	Tnfrsf11b	-2.17	Cyba	-1.92	Sort1	-1.96	Sec23a	-2.04
1110007C05Rik	-2.13	1110002E22Rik	-2.13	1110002E22Rik	-2.04	Traf4	-2.17	Dpak2	-1.92	Sostdc1	-1.96	Srl	-2.04
Zfp537	-2.08	2010311D03Rik	-2.08	2010311D03Rik	-1.61	Ccnd2	-2.04	Tusc1	-2.17	E230011E21Rik	-1.92	Traf4	-2.04
Txndc7	-2.08	Z210407N10Rik	-2.08	Z210407N10Rik	-1.61	Cnn2	-2.04	Tyms-ps	-2.17	Elov4	-1.92	1110055E19Rik	-1.92
Tmem77	-2.08	Z310056B04Rik	-2.08	Z310056B04Rik	-1.61	Cspg2	-2.04	Wtip	-2.17	Eroc1	-1.92	2010007E07Rik	-1.92
Sh3kbp1	-2.08	Z810441K11Rik	-2.08	Z810441K11Rik	-1.61	DOH4S114	-2.04	Zfp637	-2.17	Fgf13	-1.92	Z310040A07Rik	-1.92
Sec61a1	-2.08	4930579G24Rik	-2.08	4930579G24Rik	-1.61	D15Ert0366e	-2.04	Hexa	-2.13	Hexa	-1.92	Z310067E08Rik	-1.92
Sec23a	-2.08	5730469M10Rik	-2.08	5730469M10Rik	-1.61	Dullard	-2.04	1810018P12Rik	-2.13	Igfbp2	-1.92	Z610024B07Rik	-1.92
Rgs10	-2.08	6720460F02Rik	-2.08	6720460F02Rik	-1.61	Ebf1	-2.04	Z810407C02Rik	-2.13	Ilk	-1.92	Z5430417J04Rik	-1.92



Rbm9	-2.08	Adam19	-1.61	Ghitm	-2.04	5033428A16Rik	-2.13	Laptm4a	-1.92	Cgnl1	-1.92	2010007E07Rik	-2.00
Pogk	-2.08	BC028440	-1.61	Gpl2	-2.04	9330107J05Rik	-2.13	LOC269859	-1.92	Ckifs4	-1.92	2310039E09Rik	-2.00
Plekhg2	-2.08	Bloc1s2	-1.61	Gstm2	-2.04	Aldh1l2	-2.13	LOC384742	-1.92	Dbf4	-1.92	4732481H14Rik	-2.00
Mod1	-2.08	C230043G09Rik	-1.61	H2-K1	-2.04	Anxa6	-2.13	Mbnl1	-1.92	F8a	-1.92	5033428A16Rik	-2.00
Mllt11	-2.08	Cdca8	-1.61	Herpud1	-2.04	Bad	-2.13	Mest	-1.92	Gja1	-1.92	6530401D17Rik	-2.00
Lrrk1	-2.08	Cdkn2d	-1.61	Ilk	-2.04	C330023F11Rik	-2.13	Mrp48	-1.92	lbsp	-1.92	AJ430384	-2.00
Lpl	-2.08	Cenpl	-1.61	Lmyc1	-2.04	C330027I04Rik	-2.13	Ndufs2	-1.92	Itga3	-1.92	Anxa2	-2.00
Lepre1	-2.08	Frda	-1.61	Lrrc15	-2.04	Ednrb	-2.13	Nuak1	-1.92	Krt7	-1.92	Asphd2	-2.00
Igf2bp2	-2.08	Frmf4a	-1.61	Manea	-2.04	Elf4ebp2	-2.13	Pafah1b3	-1.92	Lzic	-1.92	B230114H05Rik	-2.00
Hoxc6	-2.08	Gprasp2	-1.61	mt-Nd4l	-2.04	Gpsm1	-2.13	Palid	-1.92	Nanos1	-1.92	C920005C14Rik	-2.00
Hoxb5	-2.08	Gucyb3	-1.61	Ndn	-2.04	H2afx	-2.13	Papss1	-1.92	Noc4	-1.92	Carhsp1	-2.00
Hoxb2	-2.08	Ldb2	-1.61	Niban	-2.04	Hist1h2ao	-2.13	Rnf126	-1.92	Pfn2	-1.92	Cgnl1	-2.00
Gnas	-2.08	LOC219106	-1.61	Nope	-2.04	Hist2h2ab	-2.13	Serf2	-1.92	Rab3ip	-1.92	Cnn3	-2.00
Gadd45b	-2.08	LOC226036	-1.61	Nqo3a2	-2.04	Igfbp3	-2.13	Teal8	-1.92	Stk40	-1.92	D4Bwg0951e	-2.00
Fstl1	-2.08	LOC230592	-1.61	Nupr1	-2.04	LOC234582	-2.13	Tmem14c	-1.92	Tm4sf10	-1.92	D8Etd594e	-2.00
Ets2	-2.08	LOC381640	-1.61	Polydom	-2.04	LOC238836	-2.13	Tmem9	-1.92	Tmem126a	-1.92	Dp1	-2.00
E030040G24Rik	-2.08	LOC383010	-1.61	Ppp1r14a	-2.04	LOC384009	-2.13	Tmem98	-1.92	Tmepai	-1.92	Flo2t	-2.00
D330006C15Rik	-2.08	LOC383189	-1.61	Them2	-2.04	S100a8	-2.13	Ttn	-1.92	Tmsb10	-1.92	LOC381683	-2.00
Clec3f8	-2.08	LOC383826	-1.61	Tpmt	-2.04	scl0001905_1_3	-2.13	1110007M04Rik	-1.89	Ube2f	-1.92	LOC383576	-2.00
Caena2d1	-2.08	Lsm8	-1.61	Ugcg	-2.04	scl000416.1_19	-2.13	1310006I A22Rik	-1.89	Vcl	-1.92	Lrrc15	-2.00
Asb2	-2.08	Mad2l1	-1.61	Uhrf2	-2.04	Sgk	-2.13	2410017P09Rik	-1.89	Zfp428	-1.92	Mapre1	-2.00
Arpc5	-2.08	Mapk8ip1	-1.61	1200003O06Rik	-2.00	Snai1	-2.13	2510022D24Rik	-1.89	1110036O03Rik	-1.89	Med6	-2.00
Amigo3	-2.08	Mrapl11	-1.61	20100200A16Rik	-2.00	Tcap	-2.13	2010038A11Rik	-1.89	1810045K06Rik	-1.89	Plekhc1	-2.00
2810427I04Rik	-2.08	Mrap9	-1.61	2610318I01Rik	-2.00	Ubxo1	-2.13	2600014M03Rik	-1.89	2310022B05Rik	-1.89	Rgs12	-2.00
2310057H16Rik	-2.08	Mrps11	-1.61	4930422J18Rik	-2.00	Zfyve21	-2.13	2610019N13Rik	-1.89	6330414G02Rik	-1.89	Rnase4	-2.00
2210008N01Rik	-2.08	Pdcd5	-1.61	5031439A09Rik	-2.00	1100001F19Rik	-2.08	4930422J18Rik	-1.89	Agpat4	-1.89	Siah1a	-2.00
1500041O16Rik	-2.08	Pmf1	-1.61	5430417L22Rik	-2.00	2310008M10Rik	-2.08	5330438E18Rik	-1.89	Areg	-1.89	Tcf3	-2.00
1500004F05Rik	-2.08	Ppm1l	-1.61	Acp2	-2.00	2610027C15Rik	-2.08	6720475J19Rik	-1.89	Atf1	-1.89	Tpm3	-2.00
1110006I15Rik	-2.08	scl0002069.1_48	-1.61	Adar	-2.00	2810442O16Rik	-2.08	Ap1s1	-1.89	BB128963	-1.89	Tsg101	-2.00
Zfp637	-2.04	scl00002507.1_236	-1.61	Al840980	-2.00	3000003G13Rik	-2.08	C230098O21Rik	-1.89	Bves	-1.89	Ube2f	-2.00
Ugp2	-2.04	scl00003799.1_2	-1.61	Aldh3a2	-2.00	BC063749	-2.08	C80879	-1.89	Carhsp1	-1.89	1700025G04Rik	-1.96
Tyh3	-2.04	Slamf9	-1.61	Ankrd1	-2.00	Cacng1	-2.08	Ccm2	-1.89	Csrp2	-1.89	1700123O20Rik	-1.96
Slc27a3	-2.04	Tfrc	-1.61	Apbb2	-2.00	Ciplm1	-2.08	Cugbp2	-1.89	Efnb2	-1.89	2310007D09Rik	-1.96
Scand1	-2.04	Tm4sf12	-1.61	Atrn1	-2.00	Col9a2	-2.08	D15Etd366e	-1.89	Garnl3	-1.89	2410003B16Rik	-1.96
Rnf130	-2.04	Tnfrfp8	-1.61	B130017I01Rik	-2.00	Ebf2	-2.08	D1Etd251e	-1.89	Igf2bp3	-1.89	2700031B12Rik	-1.96
Rftn2	-2.04	Tnfrsf5	-1.61	BC003940	-2.00	Edg5	-2.08	Ddit4f	-1.89	Iltb1	-1.89	9530081N05Rik	-1.96
Loxl1	-2.04	1110011K10Rik	-1.59	BC023741	-2.00	Erdr1	-2.08	Emilin1	-1.89	LOC215999	-1.89	Armcx3	-1.96
Lox	-2.04	1110067L22Rik	-1.59	D10Etd438e	-2.00	Fgfr2	-2.08	Gna12	-1.89	LOC382972	-1.89	B230114J08Rik	-1.96
LOC98434	-2.04	2510022D24Rik	-1.59	F11	-2.00	Fkh118	-2.08	Gna13	-1.89	Matn4	-1.89	BC024955	-1.96
LOC385644	-2.04	2810025O06Rik	-1.59	Fosl2	-2.00	Gtrgec22	-2.08	Hn1l	-1.89	Med6	-1.89	Bcl10	-1.96
LOC381629	-2.04	2810449M09Rik	-1.59	Gli2	-2.00	Hmgn2	-2.08	Hrc	-1.89	Mllt11	-1.89	Bves	-1.96
LOC231069	-2.04	5430416N02Rik	-1.59	Gtbbp2	-2.00	Itga5	-2.08	Hrmt111	-1.89	Mobkl2a	-1.89	Cdo42ep3	-1.96
Kns2	-2.04	A830089I03Rik	-1.59	H2-D1	-2.00	Kai1	-2.08	lbsp	-1.89	Popdc2	-1.89	D7Wsu128e	-1.96
Igfbp4	-2.04	Apaf1	-1.59	Lmod1	-2.00	Lmyc1	-2.08	Igfbp6	-1.89	Ppm1l	-1.89	Ednrb	-1.96
ldb4	-2.04	BC025546	-1.59	Mmp14	-2.00	Mrp154	-2.08	Jundm2	-1.89	Pvr	-1.89	Ei24	-1.96
Gpr23	-2.04	Bloc1s1	-1.59	Plank3	-2.00	Npn1	-2.08	Lmyc1	-1.89	Rb1	-1.89	Lmod3	-1.96
Gipc1	-2.04	Ccl17	-1.59	Pcdh9	-2.00	Ogfr	-2.08	LOC329521	-1.89	Rnf11	-1.89	LOC382972	-1.96
Fxyd5	-2.04	Cdc7	-1.59	Ptfx2	-2.00	Prickle1	-2.08	LOC382737	-1.89	scl0003092.1_40	-1.89	Mea1	-1.96
Fscn1	-2.04	Cdh11	-1.59	Rit1	-2.00	Rassf1	-2.08	LOC382972	-1.89	Tpbg	-1.89	Plac9	-1.96
Foxd1	-2.04	Chaf1b	-1.59	scl00002018.1_19	-2.00	Sc4mol	-2.08	Nfix	-1.89	Ube2m	-1.89	Pmaip1	-1.96
Fkhl18	-2.04	Chchd1	-1.59	Sh3bgrl	-2.00	Scara3	-2.08	scl0001905.1_3	-1.89	Wnt5a	-1.89	Psmc3	-1.96
F2r	-2.04	Cnih4	-1.59	Tiam2	-2.00	Sdcbp	-2.08	Skp2	-1.89	1110059M19Rik	-1.89	Sncg	-1.96
Ebf3	-2.04	Commd10	-1.59	1810015C11Rik	-1.96	Smad6	-2.08	Slc43a1	-1.89	1190002C06Rik	-1.89	Timm17a	-1.96
Ebf2	-2.04	D630041K24Rik	-1.59	2610024H22Rik	-1.96	Snn	-2.08	Snx21	-1.89	2210408F11Rik	-1.89	Trp53inp2	-1.96
Dp1	-2.04	Dpys3	-1.59	4930555L03Rik	-1.96	Stx5a	-2.08	Srpb	-1.89	2510010F15Rik	-1.89	XEDAR EDA-A2R	-1.96
Cstb	-2.04	E030026I10Rik	-1.59	4933412E12Rik	-1.96	Teal5	-2.08	Tarbp2	-1.89	5330417K06Rik	-1.89	Ywhah	-1.96
Crabp2	-2.04	E130306D19Rik	-1.59	6030419C18Rik	-1.96	1110038D17Rik	-2.04	Thrap5	-1.89	AI846148	-1.89	1200008N06Rik	-1.92
Copz2	-2.04	Ets1	-1.59	A430109M19Rik	-1.96	1110039B18Rik	-2.04	Tm4sf8	-1.89	BC031181	-1.89	1810043J12Rik	-1.92
Ccl4	-2.04	Hist1h2ag	-1.59	Ak5	-1.96	2210415M20Rik	-2.04	Tpm3	-1.89	Ccmd1	-1.89	2900036G02Rik	-1.92
Bcar1	-2.04	Ilf1r1l	-1.59	Arhgap20	-1.96	2310004N24Rik	-2.04	Ubi4	-1.89	Col8a2	-1.89	4833439L19Rik	-1.92
BC003940	-2.04	Isyna1	-1.59	Avil	-1.96	2310045A20Rik	-2.04	Zfp637	-1.89	Crim1	-1.89	5430417J04Rik	-1.92
Arfgap1	-2.04	Klhl6	-1.59	Axl	-1.96	2510048K03Rik	-2.04	0610027O18Rik	-1.85	D630041K24Rik	-1.85	9530051K01Rik	-1.92
AI597468	-2.04	Letmd1	-1.59	BC005537	-1.96	2600009E05Rik	-2.04	1110001A07Rik	-1.85	Fblim1	-1.85	Bdnf	-1.92
Actb	-2.04	LOC381632	-1.59	BC026590	-1.96	2610002J02Rik	-2.04	2010321I05Rik	-1.85	Hoxa11s	-1.85	C1qb	-1.92
5330417K06Rik	-2.04	LOC384161	-1.59	Cald1	-1.96	2810032E02Rik	-2.04	2210407N10Rik	-1.85	Klf4	-1.85	Cacng1	-1.92
4732481H14Rik	-2.04	Mkks	-1.59	Cd248	-1.96	2810449D17Rik	-2.04	2310008I22Rik	-1.85	LOC245892	-1.85	Ccm2	-1.92
2810423A18Rik	-2.04	Mllt11	-1.59	Copeb	-1.96	4930403O06Rik	-2.04	2310042L06Rik	-1.85	Lrrfp1	-1.85	Cyr61	-1.92
2610024E20Rik	-2.04	Ms4ad6d	-1.59	Dkk3	-1.96	9030024J15Rik	-2.04	4930403O06Rik	-1.85	Mpl1	-1.85	Emp1	-1.92
2310046G15Rik	-2.04	Myi2	-1.59	Dnaj4a	-1.96	A630096C01Rik	-2.04	Aard	-1.85	Nok2	-1.85	Enc1	-1.92
1200013B22Rik	-2.04	Nrf1	-1.59	Dnajb9	-1.96	Actn3	-2.04	Adcy4	-1.85	Pigf	-1.85	Epha3	-1.92
Zfp275	-2.00	Nup107	-1.59	E430025E21Rik	-1.96	C920005C14Rik	-2.04	AW551984	-1.85	Prg4	-1.85	Fhl2	-1.92
Wsb2	-2.00	Ofmi1	-1.59	EG630499	-1.96	Chn2	-2.04	C230043G09Rik	-1.85	Psmb5	-1.85	Fstl1	-1.92

Wbp5	-2.00	Oxct	-1.59	End2	-1.96	Col4a2	-2.04	Col8a2	-1.85	Rasgrp3	-1.85	Knsl5	-1.92
Tns	-2.00	P2zy5	-1.59	Erbp2ip	-1.96	Coq10b	-2.04	Copeb	-1.85	Rnf19	-1.85	Krt7	-1.92
Tmem66	-2.00	Pitrm1	-1.59	Fst3	-1.96	Dapk3	-2.04	D10Erttd438e	-1.85	scl0003519.1_175	-1.85	LOC382016	-1.92
Tmem15	-2.00	Plk1	-1.59	Gpc4	-1.96	Fbxo4	-2.04	D5Erttd689e	-1.85	Srf	-1.85	Midn	-1.92
Teob1	-2.00	Prdx4	-1.59	Grb10	-1.96	Hoxc9	-2.04	Ebf2	-1.85	Tgfb114	-1.85	Nfyc	-1.92
Sostdc1	-2.00	Rfc4	-1.59	Grem2	-1.96	Ibsp	-2.04	Gbl	-1.85	Ttn	-1.85	Pinx1	-1.92
Smad6	-2.00	Smu1	-1.59	Gyg1	-1.96	Il11ra1	-2.04	Gli2	-1.85	Tyms-ps	-1.85	Ppap2b	-1.92
Rhobtb1	-2.00	Sp7	-1.59	H2-Q5	-1.96	Lepre1	-2.04	Kcnab1	-1.85	1200008N06Rik	-1.82	Ptgis	-1.92
Rab33b	-2.00	Spag5	-1.59	Iggap1	-1.96	LOC231069	-2.04	Mapre1	-1.85	2810449M09Rik	-1.82	Rab5a	-1.92
Ptprb	-2.00	Supt4h2	-1.59	Lip1	-1.96	LOC381285	-2.04	Mcam	-1.85	3830421F03Rik	-1.82	Tcap	-1.92
Ptms	-2.00	Taf9	-1.59	LOC383295	-1.96	Maea	-2.04	N6amt1	-1.85	5730528L13Rik	-1.82	Tle4	-1.92
Prkg2	-2.00	Tbrg1	-1.59	Lrp12	-1.96	Ngrfrap1	-2.04	Ntan1	-1.85	Alpk3	-1.82	Tm4sf6	-1.92
Pip5k2a	-2.00	Tgfb1	-1.59	Lrrn3	-1.96	Rhoa	-2.04	Panx3	-1.85	Bax	-1.82	Tmem47	-1.92
Msn	-2.00	Tmem166	-1.59	Nars	-1.96	Sema3a	-2.04	Pcolce	-1.85	C230060E24	-1.82	Tmem65	-1.92
Ms4a6d	-2.00	Tpbp	-1.59	Nlgn2	-1.96	Tm4sf1	-2.04	Scamp4	-1.85	Cart	-1.82	Tnfaip1	-1.92
Mcc	-2.00	Tspan7	-1.59	Oxr1	-1.96	Tmem15	-2.04	Sh3glb1	-1.85	Chst2	-1.82	Vamp3	-1.92
LOC384009	-2.00	Whsc1	-1.59	Rnu6	-1.96	Tmem9	-2.04	Stx1a	-1.85	Cib1	-1.82	2300009N04Rik	-1.89
LOC212399	-2.00	Zfp238	-1.59	scl0002540.1_6	-1.96	Wbscr17	-2.04	Tceal1	-1.85	Ctps	-1.82	2610208M17Rik	-1.89
Hsd17b7	-2.00	Zfp260	-1.59	scl0002791.1_134	-1.96	X83328	-2.04	Tspan4	-1.85	Cyp51	-1.82	2700050C19Rik	-1.89
Hoxa7	-2.00	1100001A21Rik	-1.56	Sec24d	-1.96	Zdhc16	-2.04	XEDAR EDA-A2R	-1.85	E430036I04Rik	-1.82	2700094L05Rik	-1.89
Cited2	-2.00	1110017L21Rik	-1.56	Slc9a3r2	-1.96	Zfx1a	-2.04	1500041O16Rik	-1.82	Eif4ebp1	-1.82	4933428A15Rik	-1.89
Cacng1	-2.00	1190002C06Rik	-1.56	Smpd1	-1.96	0610041G09Rik	-2.00	2010007E07Rik	-1.82	Fbxo28	-1.82	A630072M18Rik	-1.89
C130052I12Rik	-2.00	1600023H17Rik	-1.56	Tcf5	-1.96	1110019C08Rik	-2.00	2610208M17Rik	-1.82	Glipr2	-1.82	A630097A12Rik	-1.89
BC025076	-2.00	2010007H12Rik	-1.56	Thsd2	-1.96	2310008I22Rik	-2.00	2810407C02Rik	-1.82	Gng12	-1.82	Armcx2	-1.89
AV340375	-2.00	2310045B01Rik	-1.56	Trove2	-1.96	2610029J22Rik	-2.00	4933417E08Rik	-1.82	Hmgcr	-1.82	Atp6v0d1	-1.89
Armcx2	-2.00	2610205E22Rik	-1.56	Ttyh3	-1.96	5730596K20Rik	-2.00	A530082O13Rik	-1.82	Hspb8	-1.82	AU040829	-1.89
Adm	-2.00	2700049H19Rik	-1.56	2310014H01Rik	-1.92	Akt1s1	-2.00	Adss	-1.82	Mfge8	-1.82	BB128963	-1.89
6330415F13Rik	-2.00	2700083E18Rik	-1.56	2310016F22Rik	-1.92	BC002163	-2.00	Aqp1	-1.82	Plekgh2	-1.82	Bud31	-1.89
5530402M19Rik	-2.00	2810417K24Rik	-1.56	2610528K11Rik	-1.92	Bcl11a	-2.00	Bcl11a	-1.82	Pomt2	-1.82	C230060E24	-1.89
5031436O03Rik	-2.00	3110023B02Rik	-1.56	2700017M01Rik	-1.92	C230043G09Rik	-2.00	Cart	-1.82	Prdm4	-1.82	Cart	-1.89
4933434E20Rik	-2.00	4632417K18Rik	-1.56	2700049H19Rik	-1.92	C80879	-2.00	Cdc2a	-1.82	Prrt2	-1.82	Cxcl12	-1.89
2410015J15Rik	-2.00	4833426J09Rik	-1.56	2810022L02Rik	-1.92	Ccnd3	-2.00	Dapk3	-1.82	Rg9mtd2	-1.82	Enpp5	-1.89
2310040B03Rik	-2.00	5330417K06Rik	-1.56	3110018K01Rik	-1.92	Col8a2	-2.00	Dtr	-1.82	scl0002785.1_49	-1.82	Garn4	-1.89
2300009N04Rik	-2.00	A930005H10Rik	-1.56	5530400P07Rik	-1.92	Crelf2	-2.00	Ecdg5	-1.82	Slc25a25	-1.82	Gpras1	-1.89
1110019C08Rik	-2.00	Acn9	-1.56	Actg2	-1.92	D630041K24Rik	-2.00	Efna5	-1.82	Sp7	-1.82	Gria3	-1.89
Xist	-1.96	Amigo3	-1.56	Adamts1	-1.92	Fads2	-2.00	Eif4e2	-1.82	Tacstd2	-1.82	Hn11	-1.89
Wnt2	-1.96	Ank1	-1.56	Adamts12	-1.92	Fjx1	-2.00	Etv4	-1.82	Timp1	-1.82	limk2b	-1.89
Wbscr17	-1.96	Armcx2	-1.56	AI481105	-1.92	Gdf10	-2.00	F630025I20Rik	-1.82	Tnc	-1.82	Lum	-1.89
Tmem87a	-1.96	Bax	-1.56	Arl10b	-1.92	Hoxa5	-2.00	Hist1h2af	-1.82	Ubttd1	-1.82	Mapk8ip1	-1.89
Tm4sf12	-1.96	BC002163	-1.56	Asah1	-1.92	Ier5l	-2.00	Idd3	-1.82	1810018P12Rik	-1.79	Nans	-1.89
Slit2	-1.96	BC057552	-1.56	Commd7	-1.92	Khdrbs1	-2.00	Iiga5	-1.82	2610018L09Rik	-1.79	Nppb	-1.89
Sgcb	-1.96	C430002D13Rik	-1.56	Ctcf	-1.92	Ldh2	-2.00	Klf2	-1.82	2700017M01Rik	-1.79	Panx3	-1.89
Sdf2	-1.96	C920005C14Rik	-1.56	Ctns	-1.92	LOC209405	-2.00	Map3k3	-1.82	AA536743	-1.79	Prdm4	-1.89
Sar1b	-1.96	Ccl3	-1.56	Des	-1.92	LOC331490	-2.00	NFI-X3	-1.82	Alcam	-1.79	Rg9mtd2	-1.89
Pls3	-1.96	Ckif	-1.56	Dhrs6	-1.92	LOC382245	-2.00	Pogk	-1.82	Arl10b	-1.79	Rit1	-1.89
Pkig	-1.96	Clecsf8	-1.56	Efemp2	-1.92	Map1lc3a	-2.00	Prosc	-1.82	Atp2a2	-1.79	Rxrg	-1.89
Phlda3	-1.96	Clik1	-1.56	Glg1	-1.92	Matn1	-2.00	Ptgis	-1.82	BC022687	-1.79	Stx7	-1.89
Pdlim4	-1.96	Dbn1	-1.56	Hoxd10	-1.92	Matn4	-2.00	Sdf21	-1.82	BC024955	-1.79	Tceb1	-1.89
Nagk	-1.96	Deb1	-1.56	Htra1	-1.92	Mcam	-2.00	Slc1a4	-1.82	Bloc1s2	-1.79	Ubttd1	-1.89
LOC215999	-1.96	Erp29	-1.56	LOC269941	-1.92	Mvd	-2.00	Slit2	-1.82	C130032J12Rik	-1.79	11100036O03Rik	-1.85
Kremen2	-1.96	Fxc1	-1.56	LOC383099	-1.92	Papss1	-2.00	Snora65	-1.82	Ccdc109a	-1.79	11100055J05Rik	-1.85
Igf2r	-1.96	Gga2	-1.56	Mapkapk2	-1.92	Pes1	-2.00	Tnfrsf11b	-1.82	Cd97	-1.79	1300007B12Rik	-1.85
Hs3st1	-1.96	Gni3	-1.56	Mrps6	-1.92	Pik3r1	-2.00	2010320M18Rik	-1.79	Cmya4	-1.79	1500032L24Rik	-1.85
Gusb	-1.96	Gpnm6	-1.56	Pde6d	-1.92	Rbm9	-2.00	2310032M22Rik	-1.79	Cnn3	-1.79	1700113I22Rik	-1.85
Gpr177	-1.96	Hnrpk	-1.56	Pitpnm2	-1.92	Rcn3	-2.00	2610018L09Rik	-1.79	Creb3l2	-1.79	2210408F11Rik	-1.85
Gmcs	-1.96	Ict1	-1.56	Ppapdc1	-1.92	Sec61g	-2.00	4833422F06Rik	-1.79	D030034I04Rik	-1.79	2310075E07Rik	-1.85
Fosb	-1.96	Idd3	-1.56	Prdx4	-1.92	Slc39a6	-2.00	5730438N18Rik	-1.79	D330050I23Rik	-1.79	2400001E08Rik	-1.85
Fndc3b	-1.96	Kcnk1	-1.56	Ras111b	-1.92	Sp7	-2.00	6820402O20Rik	-1.79	Dcbl1	-1.79	2410004C24Rik	-1.85
Fgf7	-1.96	Kif2c	-1.56	Rbms1	-1.92	Sqle	-2.00	BC032967	-1.79	Dctn6	-1.79	2410018G23Rik	-1.85
Dtr	-1.96	Klhdc2	-1.56	Rhobtb1	-1.92	Sri	-2.00	Btbd3	-1.79	Dynl1f	-1.79	2610029J22Rik	-1.85
Dctn6	-1.96	LOC380980	-1.56	Rhog	-1.92	Tnfrsf12a	-2.00	Cmpk	-1.79	Gpras2	-1.79	3110032G18Rik	-1.85
Chn2	-1.96	LOC381850	-1.56	Rnf166	-1.92	Trip6	-2.00	Cops8	-1.79	Gstk1	-1.79	4930402I24Rik	-1.85
Cart	-1.96	LOC384710	-1.56	Sh3glb1	-1.92	Ube1l	-2.00	Crelf2	-1.79	4930524J08Rik	-1.79	LOC380634	-1.85
Capn2	-1.96	LOC385065	-1.56	Sympo	-1.92	Wbp1	-2.00	D130038G05Rik	-1.79	Mthfd2	-1.79	5730494M16Rik	-1.85
Cap1	-1.96	LOC385403	-1.56	Tigd2	-1.92	Wsb2	-2.00	D630048P19Rik	-1.79	Rbm9	-1.79	6330415F13Rik	-1.85
Arnot1	-1.96	Msx1	-1.56	Tnnc1	-1.92	Zfp639	-2.00	Fkbp11	-1.79	Rbmx	-1.79	Adora2b	-1.85
Acdb3	-1.96	Oaz1	-1.56	Tnrc6c	-1.92	0610007P14Rik	-1.96	Gabarap	-1.79	scl0002786.1_3	-1.79	Arcpc4	-1.85
9530081N05Rik	-1.96	Ogn	-1.56	Tox	-1.92	0610010K14Rik	-1.96	Khdrbs1	-1.79	Sec13l1	-1.79	Atp6v0a2	-1.85
9130415E20Rik	-1.96	Orclb	-1.56	Zfyve16	-1.92	0610038D11Rik	-1.96	Klhl6	-1.79	Sh3glb1	-1.79	AW046396	-1.85
5430417J04Rik	-1.96	Pank4	-1.56	1110029L17Rik	-1.89	1110001N06Rik	-1.96	Ndrp1	-1.79	Sh3kbp1	-1.79	BC035295	-1.85
5033414D02Rik	-1.96	Pmvk	-1.56	1110067112Rik	-1.89	1110012D08Rik	-1.96	Nrp	-1.79	Slc27a3	-1.79	C79267	-1.85
2610024H22Rik	-1.96	Prrx1	-1.56	1700012H17Rik	-1.89	1500041O16Rik	-1.96	Ofml1	-1.79	Taf9b	-1.79	Calm3	-1.85

2410003B16Rik	-1.96	Rbm9	-1.56	1810038L18Rik	-1.89	1700009N14Rik	-1.96	Pard6a	-1.79	Tnk2	-1.79	Ccl7	-1.85
2010100O12Rik	-1.96	Rln3	-1.56	2010107H07Rik	-1.89	2310040A07Rik	-1.96	Pitx2	-1.79	Trp53inp2	-1.79	Cd97	-1.85
1110019L22Rik	-1.96	scl0003448.1_536	-1.56	2610204L23Rik	-1.96	2610024N24Rik	-1.96	Rfn2	-1.79	Cox6a2	-1.79	Cox6a2	-1.85
1110003A17Rik	-1.96	Set	-1.56	4732455O04Rik	-1.89	2810441K11Rik	-1.96	Rnf4	-1.79	Wbscr17	-1.79	D630048P19Rik	-1.85
Zfpm1	-1.92	Surb7	-1.56	4833422F06Rik	-1.89	6430515G22Rik	-1.96	Rtn4	-1.79	Wd3-pending	-1.79	Dnajp11	-1.85
Zfp251	-1.92	Tcf1	-1.56	5031439G07Rik	-1.89	9430052C07Rik	-1.96	Smad1	-1.79	Xlr4a	-1.79	Fis1	-1.85
Zadh2	-1.92	Timm10	-1.56	5330438F10Rik	-1.89	Al837181	-1.96	Snrpb	-1.79	1300006M19Rik	-1.75	Fkbp10	-1.85
Twist1	-1.92	Ube2e3	-1.56	5730469M10Rik	-1.89	Ankrd50	-1.96	Snx12	-1.79	2610012O22Rik	-1.75	Garn3	-1.85
Tmem49	-1.92	Ubd2	-1.56	5830454D03Rik	-1.89	Anxa5	-1.96	Slf7	-1.79	4732458O05Rik	-1.75	Gmppb	-1.85
Tmem32	-1.92	Wisp1	-1.56	A430107N12Rik	-1.89	Arf5	-1.96	Tbx2	-1.79	6330407118Rik	-1.75	Idb3	-1.85
Tmem166	-1.92	Xist	-1.56	A530023P05Rik	-1.89	Car3	-1.96	Tead2	-1.79	Actr1a	-1.75	Kras2	-1.85
Syt2	-1.92	11100001M03Rik	-1.54	Acvr1	-1.89	Creb3l2	-1.96	Thap7	-1.79	Al448196	-1.75	Limk2	-1.85
Ssb4	-1.92	1110001A05Rik	-1.54	Arhgap24	-1.89	Crsp1	-1.96	Xist	-1.79	Al747699	-1.75	Meis1	-1.85
Sfrp2	-1.92	1200008N06Rik	-1.54	Atf7ip	-1.89	Gbl	-1.96	Zfx1a	-1.79	Anxa2	-1.75	Mmp14	-1.85
Sertad1	-1.92	1810042K04Rik	-1.54	AW123240	-1.89	Has2	-1.96	1100001F19Rik	-1.75	Appbp2	-1.75	Nefm	-1.85
Rnf144	-1.92	2310022M17Rik	-1.54	B230104P22Rik	-1.89	Hist1h2ag	-1.96	1500004F05Rik	-1.75	Axin2	-1.75	Pfn1	-1.85
Rbm3	-1.92	2310061A22Rik	-1.54	B430110G05Rik	-1.89	Hist1h3i	-1.96	1500001H22Rik	-1.75	Btdb11	-1.75	Plaur	-1.85
Pscd3	-1.92	2510027N19Rik	-1.54	Basp1	-1.89	Hnrph1	-1.96	1700013A01Rik	-1.75	Cdh3	-1.75	Ppap2a	-1.85
Prkir	-1.92	2610039C10Rik	-1.54	Bcl11b	-1.89	Hspb2	-1.96	2310007D07Rik	-1.75	Cdkn2d	-1.75	Rtn4	-1.85
Popdc2	-1.92	2610300B10Rik	-1.54	C2	-1.89	Ihpk1	-1.96	2310009M18Rik	-1.75	Cldn6	-1.75	S100a10	-1.85
Pcalce	-1.92	2610524F24Rik	-1.54	Cd63	-1.89	LOC331102	-1.96	2410022L05Rik	-1.75	End2	-1.75	Sema3a	-1.85
Nrp	-1.92	2700029M09Rik	-1.54	Cicn7	-1.89	Ndn	-1.96	2600009E05Rik	-1.75	Hrmt11	-1.75	Slc25a25	-1.85
Mic211	-1.92	2700050P07Rik	-1.54	D130072O21Rik	-1.89	Pafah1b3	-1.96	2610524F24Rik	-1.75	Hspb6	-1.75	Sp7	-1.85
Maged1	-1.92	3110001A13Rik	-1.54	Eif4ebp1	-1.89	Papd4	-1.96	2900060B14Rik	-1.75	Lrp12	-1.75	Stk40	-1.85
Lxn	-1.92	4631423F02Rik	-1.54	Fpgt	-1.89	Pappa	-1.96	4833427B12Rik	-1.75	Mast2	-1.75	Tmem35	-1.85
Lgals3	-1.92	4930402I24Rik	-1.54	Gabbr1	-1.89	Pfc	-1.96	6330417G03Rik	-1.75	Msn	-1.75	1110030H18Rik	-1.82
lbsp	-1.92	4930471O16Rik	-1.54	Jarid1b	-1.89	Plekhh1	-1.96	Actb	-1.75	Nme1	-1.75	1110065P19Rik	-1.82
Gdf15	-1.92	5133400G04Rik	-1.54	Kif26b	-1.89	Plk2	-1.96	BC017647	-1.75	Nppb	-1.75	1200016E24Rik	-1.82
Flt1	-1.92	6230400I06Rik	-1.54	LOC217886	-1.89	Popdc2	-1.96	Bcar1	-1.75	Ospb3	-1.75	2210016F16Rik	-1.82
Flot1	-1.92	6720475J19Rik	-1.54	LOC382162	-1.89	Ptms	-1.96	C230091E03Rik	-1.75	Plekhh1	-1.75	2810032E02Rik	-1.82
F8a	-1.92	Actg2	-1.54	Lsm10	-1.89	Rbms3	-1.96	DT30042P09Rik	-1.75	Pmaip1	-1.75	Actr1a	-1.82
Efha1	-1.92	Atp6v1g1	-1.54	Mkrr2	-1.89	Rit1	-1.96	Flt1	-1.75	Ppa1	-1.75	Al597468	-1.82
E430036I04Rik	-1.92	BC029214	-1.54	Ncam1	-1.89	scl000057.1_28_REVCOMF	-1.96	Frd4	-1.75	Prss12	-1.75	Alpk3	-1.82
D630045E04Rik	-1.92	Bicc1	-1.54	Npc2	-1.89	scl0002064.1_2	-1.96	G431001E03Rik	-1.75	Psmc3	-1.75	Axin2	-1.82
D530030D03Rik	-1.92	Cdc34	-1.54	Pdlim5	-1.89	Hist1h2ai	-1.96	Hist1h2ai	-1.75	Rgs17	-1.75	BC003236	-1.82
Comm9	-1.92	Cstf3	-1.54	Pja2	-1.89	Smad1	-1.96	Ilgb1bp1	-1.75	Rras2	-1.75	BC034090	-1.82
Cnih4	-1.92	Cxcl1	-1.54	Prkg1	-1.89	Thsd2	-1.96	LOC384434	-1.75	Stk17b	-1.75	Capns1	-1.82
Camk2g	-1.92	Dnmt1	-1.54	Ptprb	-1.89	Zfp608	-1.96	Mrps6	-1.75	Tjp2	-1.75	Cldn6	-1.82
Camk1	-1.92	E430024F02Rik	-1.54	Rbm9	-1.89	1110007M04Rik	-1.92	Nit2	-1.75	1700009N14Rik	-1.75	Cmya4	-1.82
AU022508	-1.92	Fscn1	-1.54	Rdh14	-1.89	1190005N23Rik	-1.92	Nnat	-1.75	4930402I24Rik	-1.75	Comm7d	-1.82
Arnott2	-1.92	Gtf2f2	-1.54	Sars	-1.89	1810026B05Rik	-1.92	Pdgfrl	-1.75	Actb	-1.75	Coro1c	-1.82
Al428795	-1.92	Gulp1	-1.54	Sec22b	-1.89	2010007E07Rik	-1.92	Plhda3	-1.75	AU040829	-1.75	Ddah2	-1.82
Agpat6	-1.92	Hist4h4	-1.54	Septm	-1.89	2010321I05Rik	-1.92	Pomt2	-1.75	C530008M17Rik	-1.75	Fbxo28	-1.82
Adam19	-1.92	Jag1	-1.54	Slc39a11	-1.89	2410003B16Rik	-1.92	R74862	-1.75	Camk2n1	-1.75	Gpr177	-1.82
A530082O13Rik	-1.92	Kin	-1.54	Smap1	-1.89	2600011E07Rik	-1.92	Rbp1	-1.75	Cd44	-1.75	Jtv1	-1.82
4933412E12Rik	-1.92	Mphosph1	-1.54	Tollip	-1.89	8030466O12Rik	-1.92	Rxrg	-1.75	Cnih4	-1.75	LOC381140	-1.82
2310075E07Rik	-1.92	mt-Nd5	-1.54	Trim30	-1.89	C130092E12	-1.92	scl0002064.1_2	-1.75	Cxad4	-1.75	LOC382585	-1.82
2310061A22Rik	-1.92	Noc4	-1.54	Trim32	-1.89	Cart	-1.92	Slc35a1	-1.75	D630048P19Rik	-1.75	LOC382896	-1.82
1700041B20Rik	-1.92	Pcsk9	-1.54	Ulk2	-1.89	Cdc2a	-1.92	Smarcb1	-1.75	Dpecp1	-1.75	LOC383295	-1.82
1110032D12Rik	-1.92	Polr2k	-1.54	0610041G09Rik	-1.85	Col12a1	-1.92	Trib3	-1.75	E130306M17Rik	-1.75	MGC41689	-1.82
Tro	-1.89	Pkrip1	-1.54	1110028E10Rik	-1.85	Cyrf61	-1.92	Unc5b	-1.75	Eif2s3y	-1.75	Popdc2	-1.82
Tbrg1	-1.89	Rgs1	-1.54	150004O16Rik	-1.85	D630045E04Rik	-1.92	Yaf2	-1.75	Frm4a	-1.75	Rala	-1.82
SrpX2	-1.89	Rnu70	-1.54	1700011I11Rik	-1.85	Dhrs6	-1.92	1110030J09Rik	-1.75	Hmga1	-1.75	Rbm4	-1.82
Srf	-1.89	Rrm2	-1.54	1810018P12Rik	-1.85	Dusp3	-1.92	1110038D17Rik	-1.75	Kctd5	-1.75	scl0001546.1_9	-1.82
Sp7	-1.89	Sar1b	-1.54	1810020C19Rik	-1.85	Fkbp1a	-1.92	1190005N23Rik	-1.75	Krt11-16	-1.75	scl0003519.1_175	-1.82
Slc35c1	-1.89	scl00001627.1_140	-1.54	2310021P13Rik	-1.85	Fzd3	-1.92	1500036D03Rik	-1.75	Krt4p	-1.75	Smarca1	-1.82
Slc35b3	-1.89	Skp2	-1.54	2310057H16Rik	-1.85	Gna13	-1.92	1700023O11Rik	-1.75	LOC233401	-1.75	Tacstd2	-1.82
Slc35b1	-1.89	Slc40a1	-1.54	2510048K03Rik	-1.85	Gnb4	-1.92	1810049K24Rik	-1.75	LOC383010	-1.75	Wisp1	-1.82
Serf1	-1.89	Sox12	-1.54	2700067E09Rik	-1.85	Grb10	-1.92	2810004N20Rik	-1.75	Lrp11	-1.75	1110008P14Rik	-1.79
Sema3a	-1.89	Srf	-1.54	2900073G15Rik	-1.85	Hra	-1.92	2900070E19Rik	-1.75	MGC40669	-1.75	1110059M19Rik	-1.79
S100a11	-1.89	Ssrp1	-1.54	4732481H14Rik	-1.85	Il11ra2	-1.92	2900073G15Rik	-1.75	Pfdn4	-1.75	1190002C06Rik	-1.79
Rnf11	-1.89	Tes	-1.54	6430540M20Rik	-1.85	LOC240672	-1.92	3830422K02Rik	-1.75	Ppp2cb	-1.75	1500005K14Rik	-1.79
Rgs16	-1.89	Timm8b	-1.54	Acdb3	-1.85	LOC98434	-1.92	6530401D17Rik	-1.75	Pqlc2	-1.75	1810020D17Rik	-1.79
Rbm4	-1.89	Vgf	-1.54	Atp6v0d1	-1.85	Mbn1l	-1.92	A630098G22Rik	-1.75	Rps27l	-1.75	2310045B01Rik	-1.79
Pygb	-1.89	Wbp4	-1.54	AW172037	-1.85	Mlp	-1.92	AW1747699	-1.75	Rragd	-1.75	2610024B07Rik	-1.79
Phca	-1.89	Wsb1	-1.54	Bdnf	-1.85	Mospd1	-1.92	Arf5	-1.75	Tgfl	-1.75	6330407D12Rik	-1.79
Pdlim3	-1.89	Yaf2	-1.54	Ctdspl	-1.85	Nanos1	-1.92	C130021120	-1.75	Znhit3	-1.75	6330407G11Rik	-1.79
NFI-X3	-1.89	Zbed4	-1.54	D10Erttd641e	-1.85	Nkfbia	-1.92	C630024N05Rik	-1.75	1110002E22Rik	-1.69	633040718Rik	-1.79
Nfatc4	-1.89	Zfp608	-1.54	D12Erttd551e	-1.85	Pcyl2	-1.92	Cbfb	-1.75	1110067D22Rik	-1.69	9130011J04Rik	-1.79
Nck2	-1.89	1110007M04Rik	-1.54	Dnchc1	-1.85	Plekhh1	-1.92	Cdc4a	-1.75	2300009N04Rik	-1.69	Akt1s1	-1.79
Mustn1	-1.89	1110038D17Rik	-1.54	Dsip1	-1.85	Sec22b	-1.92	Col6a1	-1.75	2310047D13Rik	-1.69	Anxa6	-1.79
LOC382896	-1.89	1110059E24Rik	-1.52	Flii	-1.85	Slc43a1	-1.92	Coq10b	-1.75	2700038N03Rik	-1.69	C1qtmf3	-1.79



Cdr2	-1.85	1810014L12Rik	-1.49	C330023F11Rik	-1.79	Olfm1	-1.85	Zfp523	-1.69	1700123O20Rik	-1.64	2700038N03Rik	-1.72
Cdc109a	-1.85	Cdk2ap1	-1.49	Crabp1	-1.79	P4ha1	-1.85	Znht3	-1.69	1810063B07Rik	-1.64	2900078C09Rik	-1.72
Casp8	-1.85	Fst	-1.49	Dbn1	-1.79	Pank1	-1.85	061001119Rik	-1.67	2610027C15Rik	-1.64	4933405A16Rik	-1.72
Blg1	-1.85	Grb10	-1.49	Dnajc5	-1.79	Pdgfc	-1.85	0610012D17Rik	-1.67	4833439L19Rik	-1.64	5031439A09Rik	-1.72
Bok	-1.85	H1fx	-1.49	Itm1	-1.79	Pgghd	-1.85	1110001A23Rik	-1.67	AA536749	-1.64	6230400I06Rik	-1.72
Bloc1s1	-1.85	Hmgcr	-1.49	Kifap3	-1.79	Pqbp1	-1.85	1110002N22Rik	-1.67	Ankr2	-1.64	9430029P12Rik	-1.72
Bcl2a1d	-1.85	Mettl1	-1.49	LOC230253	-1.79	Prkra	-1.85	2010107H07Rik	-1.67	Ankr38	-1.64	Abcc5	-1.72
BC019977	-1.85	Nxt1	-1.49	Lrrfp1	-1.79	Pvrl3	-1.85	2410016F01Rik	-1.67	Arl4	-1.64	Anapc2	-1.72
Atp6v1g1	-1.85	scl0002064.1_2	-1.49	Mam1	-1.79	Rnf4	-1.85	2410129H14Rik	-1.67	Cap1	-1.64	Arid3b	-1.72
Armcx3	-1.85	Thoc4	-1.49	Obrgrp	-1.79	Siat8b	-1.85	2810449M09Rik	-1.67	Ciapin1	-1.64	Arcp5	-1.72
9130011J15Rik	-1.85	Ubadc1	-1.49	Pip5k2a	-1.79	Smarcb1	-1.85	3830432E14Rik	-1.67	Creb3	-1.64	BC064033	-1.72
2700049H19Rik	-1.85			Rrbp1	-1.79	Srprb	-1.85	4631423F02Rik	-1.67	D10Ert438e	-1.64	D330006C15Rik	-1.72
2610208M17Rik	-1.85			Sdcbp	-1.79	Ssb4	-1.85	4732460K03Rik	-1.67	Gsc	-1.64	D630041K24Rik	-1.72
2310047L21Rik	-1.85			Sesn2	-1.79	Ssbp2	-1.85	5031425E22Rik	-1.67	Lama1	-1.64	Ebf3	-1.72
1810006K23Rik	-1.85			Tbc1d23	-1.79	Yaf2	-1.85	6430433G21Rik	-1.67	LOC382707	-1.64	Ext1	-1.72
1500002I11Rik	-1.85			Vcl	-1.79	1110006I15Rik	-1.82	6330439P19Rik	-1.67	LOC545056	-1.64	Fkbp1a	-1.72
1110048P06Rik	-1.85			Whrm	-1.79	1110032E23Rik	-1.82	6720458F09Rik	-1.67	Mlf2	-1.64	Grem1	-1.72
Yif1a	-1.82			Zfh4	-1.79	2300009N04Rik	-1.82	Agpat6	-1.67	Mtap1b	-1.64	Inpp5a	-1.72
Vgf	-1.82			1110054N06Rik	-1.75	2610019N13Rik	-1.82	Ank1	-1.67	Myadm	-1.64	Myk	-1.72
Tnc	-1.82			1200006F02Rik	-1.75	2810055E05Rik	-1.82	Arl2bp	-1.67	Nol10	-1.64	Nnmt	-1.72
Tmem47	-1.82			1810055E12Rik	-1.75	3830422K02Rik	-1.82	Armcx2	-1.67	Pappa	-1.64	Noc4	-1.72
Tceal5	-1.82			2610031L17Rik	-1.75	4933434E20Rik	-1.82	Cbr2	-1.67	Pdir	-1.64	Nradd	-1.72
Stc2	-1.82			4921514E18Rik	-1.75	5430416N02Rik	-1.82	Ccl9	-1.67	Plau	-1.64	Nrbp	-1.72
Sl7l	-1.82			6030470M02Rik	-1.75	A330021D07Rik	-1.82	Cetn3	-1.67	Ptla	-1.64	Pdir	-1.72
Sparc	-1.82			9930033H14Rik	-1.75	Acvr1	-1.82	Chn2	-1.67	Rhobb3	-1.64	Ppp1r11	-1.72
Sox4	-1.82			Armcx3	-1.75	Aldh4a1	-1.82	Comm9	-1.67	Rrm1	-1.64	Prg4	-1.72
Snai2	-1.82			Atp6ap1	-1.75	Apbb1	-1.82	Csda	-1.67	Sh3bgrl	-1.64	Prkg1	-1.72
Sdc3	-1.82			AW549877	-1.75	Arhgap24	-1.82	Cygb	-1.67	Slc2a1	-1.64	Ralb	-1.72
Rdh14	-1.82			B930059J09Rik	-1.75	Ckap1	-1.82	D14Ert449e	-1.67	Slc39a6	-1.64	Rgl1	-1.72
Rapsn	-1.82			BC016188	-1.75	Ddit3	-1.82	Dab2	-1.67	Tceb1	-1.64	Rnf19	-1.72
Prss25	-1.82			Bcl2l2	-1.75	Dtr	-1.82	E130104I10Rik	-1.67	Ube1x	-1.64	scl0003092.1_40	-1.72
Polk	-1.82			C80879	-1.75	Eif4g2	-1.82	Eef2	-1.67	1810037I17Rik	-1.61	Sdcbp	-1.72
Plod3	-1.82			Cdon	-1.75	Fbln1	-1.82	Evl	-1.67	2310015B20Rik	-1.61	Sh3bgrl	-1.72
Pep4	-1.82			Cyr61	-1.75	Ghr	-1.82	Fmnl3	-1.67	2310036O22Rik	-1.61	Snap23	-1.72
Nppb	-1.82			D2Bwg1356e	-1.75	H1fx	-1.82	Fmnd4a	-1.67	2700055K07Rik	-1.61	Tmem108	-1.72
Nedd4l	-1.82			Ddr2	-1.75	Hist1h2af	-1.82	Fzd3	-1.67	3110030K17Rik	-1.61	Ubt2	-1.72
Mylic2b	-1.82			Ddx46	-1.75	Hist1h2bg	-1.82	Gjb2	-1.67	4930487N19Rik	-1.61	Wdr1	-1.72
LOC622404	-1.82			Dhrs7	-1.75	Idb2	-1.82	Gppb1	-1.67	6530400B01Rik	-1.61	Zcchc3	-1.72
Klhdc2	-1.82			Dleu2	-1.75	Igf2bp3	-1.82	Hist2h2be	-1.67	6330407G11Rik	-1.61	1300010A20Rik	-1.69
Ier5l	-1.82			Dpp9	-1.75	LOC218814	-1.82	Hspb2	-1.67	A830030H10Rik	-1.61	2310008M10Rik	-1.69
G431001E03Rik	-1.82			Ephb2	-1.75	LOC382972	-1.82	LOC225118	-1.67	A830059I20Rik	-1.61	2310061A22Rik	-1.69
Fbn1	-1.82			Fads1	-1.75	Lsm3	-1.82	LOC234582	-1.67	Adk	-1.61	2810405F04Rik	-1.69
Emilin1	-1.82			Fkbp9	-1.75	Lyzs	-1.82	LOC383706	-1.67	A1428795	-1.61	2810442O16Rik	-1.69
D830014B20Rik	-1.82			Gadd45g	-1.75	Mtvr2	-1.82	Lsm3	-1.67	BC017647	-1.61	3110030K17Rik	-1.69
D17Wsu104e	-1.82			Glipr2	-1.75	NFI-X3	-1.82	MGC40669	-1.67	Cdc3	-1.61	4933417E08Rik	-1.69
Cnn3	-1.82			Gsn	-1.75	Olfml1	-1.82	Mrp153	-1.67	Ccl17	-1.61	5031425E22Rik	-1.69
Bcl6	-1.82			Hdac7a	-1.75	Pep4	-1.82	Myf6	-1.67	Ckap1	-1.61	Adamts5	-1.69
BC003236	-1.82			Hoxd9	-1.75	Pxmp3	-1.82	Myom1	-1.67	Dgkk	-1.61	BC004022	-1.69
Arf10b	-1.82			Irf2bp2	-1.75	Rdh14	-1.82	Nck2	-1.67	Dusp3	-1.61	Clp1	-1.69
Arf2	-1.82			Jak2	-1.75	Rg9ntd2	-1.82	Odz3	-1.67	Fkbp10	-1.61	Copg	-1.69
Aldh1l2	-1.82			Lamp1	-1.75	Rhbdf1	-1.82	Pdzd11	-1.67	Fstl3	-1.61	Creb3l2	-1.69
Alcam	-1.82			LOC381300	-1.75	scl0002791.1_134	-1.82	Ppp2r2d	-1.67	Fzd3	-1.61	Crim1	-1.69
A1840980	-1.82			Mett9	-1.75	scl0003187.1_40	-1.82	Ptms	-1.67	Gale	-1.61	Cstb	-1.69
9530064J02	-1.82			Mrg1	-1.75	Sec13l1	-1.82	Rdh11	-1.67	Homer3	-1.61	D430019H16Rik	-1.69
6720425G15Rik	-1.82			Mtap1b	-1.75	Snx12	-1.82	scl000408.1_6	-1.67	Hoxd4	-1.61	D430026P16Rik	-1.69
4933426L22Rik	-1.82			Mthfd2	-1.75	Spag7	-1.82	scl000936.1_18	-1.67	Hrmt1l2	-1.61	D5Ert4606e	-1.69
1700023M03Rik	-1.82			Nenf	-1.75	Sphk1	-1.82	Smad6	-1.67	Id2	-1.61	E2f6	-1.69
1110055J05Rik	-1.82			Neo1	-1.75	Six1a	-1.82	Srm	-1.67	Igf2bp2	-1.61	E430033B07Rik	-1.69
0610007C21Rik	-1.82			Npn3	-1.75	Tbrg1	-1.82	Supt4h	-1.67	Iitga5	-1.61	Fsd1	-1.69
Vat1	-1.79			Osr2	-1.75	Trpc4ap	-1.82	Thoc6	-1.67	Jtv1	-1.61	Gale	-1.69
Tnks1bp1	-1.79			Palld	-1.75	Ttn	-1.82	Upf3a	-1.67	Krt20	-1.61	Gpc4	-1.69
Tnfaip1	-1.79			Plekha2	-1.75	Ube2a	-1.82	Vgf	-1.67	LOC212963	-1.61	Homer3	-1.69
Thbs2	-1.79			Prnp	-1.75	Ubl4	-1.82	1110012L19Rik	-1.64	LOC237005	-1.61	Hsd17b7	-1.69
Stx11	-1.79			Psme2b	-1.75	Uhrf2	-1.82	1700009N14Rik	-1.64	LOC381947	-1.61	Irx3	-1.69
Sec24b	-1.79			Rasa1	-1.75	Wdfy1	-1.82	1700018O18Rik	-1.64	LOC382016	-1.61	Iitgav	-1.69
Scoc	-1.79			Rcn3	-1.75	Wdr1	-1.82	1810038L18Rik	-1.64	Mapk6	-1.61	Kctd1	-1.69
scl0015365.1_6	-1.79			Shox2	-1.75	Xist	-1.82	1810043H04Rik	-1.64	Meis1	-1.61	LOC245350	-1.69
scl0002069.1_48	-1.79			St7l	-1.75	Zcchc3	-1.82	2310043L02Rik	-1.64	Mrp153	-1.61	LOC269859	-1.69
Scara3	-1.79			Stmn1	-1.75	0610007N19Rik	-1.79	2310047K21Rik	-1.64	Pitrm1	-1.61	LOC331490	-1.69
Rhog	-1.79			Tct3	-1.75	1810006K21Rik	-1.79	2510010F15Rik	-1.64	Polr2g	-1.61	Lrnc59	-1.69
Rab34	-1.79			Tgfbf2	-1.75	1810008K03Rik	-1.79	2610319K07Rik	-1.64	Prkar2b	-1.61	Lrrfp1	-1.69
Prss12	-1.79			Tm4sf6	-1.75	1810043J12Rik	-1.79	2700059D21Rik	-1.64	Prkrip1	-1.61	Lzic	-1.69

Prkag1	-1.79	Tmed3	-1.75	1810049K24Rik	-1.79	2810055E05Rik	-1.64	Ptprv	-1.61	Ndufa11	-1.69
Ppp6c	-1.79	Ube3b	-1.75	2810423A18Rik	-1.79	5031436O03Rik	-1.64	scl0002791.1_134	-1.61	Olfm1	-1.69
Ppap2a	-1.79	Vat1	-1.75	3300005D01Rik	-1.79	5430406J06Rik	-1.64	Sertad1	-1.61	Pank3	-1.69
Pdgc	-1.79	Vps18	-1.75	4933417E08Rik	-1.79	9330158N06Rik	-1.64	Skp1a	-1.61	Prss12	-1.69
Otub1	-1.79	XEDAR_EDA-A2R	-1.75	5430406J06Rik	-1.79	A330021D07Rik	-1.64	Smad3	-1.64	Rab3ip	-1.69
Nfib	-1.79	Zbb24	-1.75	5430433G21Rik	-1.79	A730054J21Rik	-1.64	Tceal3	-1.61	Rbms3	-1.69
Map3k7ip2	-1.79	Zfxh1b	-1.75	9430079M16Rik	-1.79	AW548124	-1.64	Tnfrfa1	-1.61	scl0001419.1_32	-1.69
Lrrc59	-1.79	1500012F01Rik	-1.72	9530064J02	-1.79	BC025076	-1.64	Tubg1	-1.61	Sec22b	-1.69
LOC234081	-1.79	1810031K17Rik	-1.72	9630037P07Rik	-1.79	BC034054	-1.64	Tulp4	-1.61	Slc25a17	-1.69
Lip1	-1.79	2210417J20Rik	-1.72	A830089I03Rik	-1.79	Cav1	-1.64	1300011L04Rik	-1.59	1100001M03Rik	-1.67
Kcna6	-1.79	2400006A19Rik	-1.72	Adss	-1.79	Ccdc3	-1.64	1500011L16Rik	-1.59	1110056N09Rik	-1.67
Jun	-1.79	2700023B17Rik	-1.72	Ak3	-1.79	Chst7	-1.64	9430080K19Rik	-1.59	1200009O22Rik	-1.67
Irs2	-1.79	2810402K13Rik	-1.72	Anapc4	-1.79	Dtnbp1	-1.64	9530051K01Rik	-1.59	1700018O18Rik	-1.67
Gus-s	-1.79	3230401D17Rik	-1.72	BC035295	-1.79	Eda2r	-1.64	Amot1	-1.59	1810017G16Rik	-1.67
Gnb1	-1.79	4930583H14Rik	-1.72	C530008M17Rik	-1.79	Fundc1	-1.64	B930041F14Rik	-1.59	2510048O06Rik	-1.67
Gbas	-1.79	5033403J15Rik	-1.72	Cdh3	-1.79	Fxc1	-1.64	Bud31	-1.59	2810008M24Rik	-1.67
Fjx1	-1.79	5730406O18Rik	-1.72	Chrb1	-1.79	H47	-1.64	Cnih	-1.59	4930555L03Rik	-1.67
Erp29	-1.79	A730045A15Rik	-1.72	Copg	-1.79	Hapln1	-1.64	Csnk2a1-rs3	-1.59	Ankrd38	-1.67
Drctnbn1a	-1.79	Actb	-1.72	Cttn	-1.79	Jtv1	-1.64	Cugbp1	-1.59	Apaf1	-1.67
Ctsk	-1.79	Ahnak	-1.72	D930042A21Rik	-1.79	LOC215879	-1.64	D030060M11Rik	-1.59	Atp6v1d	-1.67
Csk	-1.79	AI837181	-1.72	Decr2	-1.79	LOC243268	-1.64	D530030D03Rik	-1.59	Bzwl	-1.67
Cav1	-1.79	Amot2	-1.72	Dguok	-1.79	LOC381439	-1.64	D930042A21Rik	-1.59	C130081G24	-1.67
Camk2n1	-1.79	Arhgef11	-1.72	Grcr10	-1.79	LOC382092	-1.64	Gpr125	-1.59	Cd44	-1.67
BC029214	-1.79	Bckd1hb	-1.72	Gulp1	-1.79	Matn1	-1.64	Gria3	-1.59	Cdtp	-1.67
B230114H05Rik	-1.79	Bcl9l	-1.72	Hist2h2ac	-1.79	Mtch2	-1.64	Hip2	-1.59	Commf9	-1.67
Arpc1b	-1.79	Camk1	-1.72	LOC226135	-1.79	Mvd	-1.64	Irx3	-1.59	Cript	-1.67
Adcy4	-1.79	Cbfb	-1.72	LOC270491	-1.79	Ndr1	-1.64	LOC236371	-1.59	D130064H19Rik	-1.67
Abcc5	-1.79	Col5a2	-1.72	LOC382215	-1.79	Nola2	-1.64	LOC382215	-1.59	D230005D02Rik	-1.67
6720467C03Rik	-1.79	Creb3l2	-1.72	Lrrc15	-1.79	Nubp1	-1.64	Map2k4	-1.59	Dgkk	-1.67
6330404C01Rik	-1.79	Emilin2	-1.72	Marcks	-1.79	Pcyt2	-1.64	Mapre1	-1.59	Drwd	-1.67
2810410D24Rik	-1.79	Fcmd	-1.72	Mmp2	-1.79	Plac9	-1.64	Mrpl20	-1.59	Gcap27	-1.67
1810057P16Rik	-1.79	Fosb	-1.72	Ms4a6d	-1.79	Plekha1	-1.64	Mustrn1	-1.59	Gm1821	-1.67
Zfp361l	-1.75	Fzd7	-1.72	Nnat	-1.79	Ppm2c	-1.64	Myl2	-1.59	Gng11	-1.67
Zdhc7	-1.75	Gstk1	-1.72	Nqo2	-1.79	Ppp1cb	-1.64	Nppa	-1.59	Gpr1	-1.67
Txndc5	-1.75	Gsto2	-1.72	Oasl2	-1.79	Prdx4	-1.64	Npy	-1.59	Gprasp2	-1.67
Tmem9	-1.75	H2afy3	-1.72	Odz3	-1.79	Rac3	-1.64	Osbpl5	-1.59	Gsta4	-1.67
Tbx4	-1.75	Hoxc9	-1.72	Pogk	-1.79	Rasa1	-1.64	Pcbp3	-1.59	Impact	-1.67
Sec61b	-1.75	Ibs	-1.72	Ppm11	-1.79	Rhoc	-1.64	Pem	-1.59	Krtdap	-1.67
scl0003547.1_6	-1.75	Ifitm3	-1.72	Prkag1	-1.79	Rps27l	-1.64	Pinx1	-1.59	Lama1	-1.67
Rragc	-1.75	Lgmn	-1.72	Prosc	-1.79	scl0002558.1_69	-1.64	Pmm1	-1.59	Lrp11	-1.67
Plk7	-1.75	LOC278097	-1.72	Psmc3ip	-1.79	Smo	-1.64	Psat1	-1.59	Mfap2	-1.67
Prkaca	-1.75	LOC385699	-1.72	Psmc2	-1.79	Spes1	-1.64	Ptprz1	-1.59	Nsdhl	-1.67
Ppp3ca	-1.75	Lrrk2	-1.72	Rtn4	-1.79	Tbrg1	-1.64	Rbpm25	-1.59	Oasi2	-1.67
Mtvr2	-1.75	Map3k7ip2	-1.72	scl0001419.1_32	-1.79	Thsd2	-1.64	scl0002449.1_77	-1.59	Pes1	-1.67
Mfge8	-1.75	Pdlim1	-1.72	scl0002855.1_1056	-1.79	Timm8b	-1.64	Sh3md2	-1.59	Pitpn	-1.67
Man2a1	-1.75	Plekha1	-1.72	Slc35a1	-1.79	Tm4sf10	-1.64	Slc20a1	-1.59	Polr2i	-1.67
LOC269529	-1.75	Scotin	-1.72	Snx7	-1.79	Tmem15	-1.64	Smarcb1	-1.59	Prkag1	-1.67
LOC209203	-1.75	Sel1h	-1.72	Sparc	-1.79	Tmem49	-1.64	Stip1	-1.59	Rb1	-1.67
Lgals9	-1.75	Serinc2	-1.72	Ssr3	-1.79	Zfp313	-1.64	Tdrkh	-1.59	Reep1	-1.67
llvl	-1.75	Serping1	-1.72	Trib2	-1.79	Zfp361l	-1.64	Txndc7	-1.59	Runx1	-1.67
lfng1	-1.75	Sgpl1	-1.72	1110025F24Rik	-1.75	Zfp771	-1.64	Usp39	-1.59	scl0002916.1_10	-1.67
ler3ip1	-1.75	Sh3kbp1	-1.72	1110030J09Rik	-1.75	0710005M24Rik	-1.61	Ywhaa	-1.59	Smarcd3	-1.67
ldb3	-1.75	Smarcd3	-1.72	1110055J05Rik	-1.75	1110003A17Rik	-1.61	Zcchc3	-1.59	Snap29	-1.67
Hoxa11s	-1.75	Srf	-1.72	1500026D16Rik	-1.75	1700029F09Rik	-1.61	Zdhc16	-1.59	Snf1ik	-1.67
Fcgr3	-1.75	Trim3	-1.72	1810009K13Rik	-1.75	1810049H13Rik	-1.61	1110019C08Rik	-1.56	Tagln2	-1.67
Ddef1	-1.75	Ttc3	-1.72	2210404D11Rik	-1.75	2010004M13Rik	-1.61	1300007B12Rik	-1.56	Tceal3	-1.67
Col6a2	-1.75	Zfp637	-1.72	2310040B03Rik	-1.75	2410019G02Rik	-1.61	1700022J01Rik	-1.56	Wdfy1	-1.67
Ccl17	-1.75	Zfp90	-1.72	2810449M09Rik	-1.75	2810404O06Rik	-1.61	1700029G01Rik	-1.56	Ybk3	-1.67
AW822216	-1.75	1190099E12Rik	-1.69	5530600A18Rik	-1.75	4930488P06Rik	-1.61	1700108L22Rik	-1.56	Ywhaa	-1.67
AW551984	-1.75	1200016E24Rik	-1.69	Abcf3	-1.75	5430432M24Rik	-1.61	1810038L18Rik	-1.56	Zfp532	-1.67
AW112037	-1.75	1300003K24Rik	-1.69	Anapc2	-1.75	5730494J16Rik	-1.61	2700050C19Rik	-1.56	Zfp537	-1.67
Aff5	-1.75	1700113I22Rik	-1.69	Antrx1	-1.75	6430515G22Rik	-1.61	2810008M24Rik	-1.56	1500041J02Rik	-1.64
Arhgap24	-1.75	2210013O21Rik	-1.69	Asb2	-1.75	9630037P07Rik	-1.61	2900060P06Rik	-1.56	1700009N14Rik	-1.64
Alg12	-1.75	2310002B06Rik	-1.69	Axin2	-1.75	A930005H10Rik	-1.61	3110018K01Rik	-1.56	1700013A01Rik	-1.64
Adamts9	-1.75	2310075M15Rik	-1.69	Axud1	-1.75	Abhd8	-1.61	Als2	-1.56	1700052K11Rik	-1.64
A830089I03Rik	-1.75	2810423A18Rik	-1.69	C1qb	-1.75	Adamts1	-1.61	Appbp1	-1.56	2310014H01Rik	-1.64
A830080H07Rik	-1.75	4831437C03Rik	-1.69	Ccl4	-1.75	Adamts9	-1.61	AV028368	-1.56	2410081M15Rik	-1.64
A130072J07Rik	-1.75	6720458D17Rik	-1.69	D10Ert6d10e	-1.75	BC018462	-1.61	Bag2	-1.56	2810012G08Rik	-1.64
9530068E07Rik	-1.75	AA407930	-1.69	Dcun1d2	-1.75	C920005C14Rik	-1.61	BC057552	-1.56	5830461H18Rik	-1.64
6530401D17Rik	-1.75	Abhd8	-1.69	E030026I10Rik	-1.75	Camk2g	-1.61	C630013N10Rik	-1.56	6230427J02Rik	-1.64
3000003G13Rik	-1.75	AI316807	-1.69	Eda2r	-1.75	Ccl4	-1.61	Coro1c	-1.56	6330414G02Rik	-1.64
2810449D17Rik	-1.75	Alcam	-1.69	Hes1	-1.75	Cdca8	-1.61	Crelid1	-1.56	A130072J07Rik	-1.64

2310039H08Rik	-1.75	Anxa5	-1.69	Hspc171	-1.75	Copg	-1.61	Crsp8	-1.56	Ank1	-1.64
2300009A05Rik	-1.75	BC011487	-1.69	Ilgb1bp1	-1.75	Cox6c	-1.61	Crsp3	-1.56	Atp1b1	-1.64
1700022J01Rik	-1.75	Camta2	-1.69	LOC234360	-1.75	Ctnn	-1.61	D330006C15Rik	-1.56	Bax	-1.64
1110012O05Rik	-1.75	Crp	-1.69	LOC235860	-1.75	Ddit3	-1.61	Ddit4i	-1.56	BC0005682	-1.64
Zcrb1	-1.72	D1Bwg1363e	-1.69	LOC381629	-1.75	E430036I04Rik	-1.61	Dp1	-1.56	BC034054	-1.64
Wsb1	-1.69	D330001F17Rik	-1.69	Lyz	-1.75	Ehd2	-1.61	Eif2b2	-1.56	Bet1i	-1.64
Waspip	-1.72	Disp1	-1.69	Mkks	-1.75	Foxc2	-1.61	Ephx1	-1.56	Bloc1s2	-1.64
Usp47	-1.72	Dpysl2	-1.69	Ncald	-1.75	Ierf5l	-1.61	Foxc1	-1.56	C1qg	-1.64
Ubt1	-1.72	Gng12	-1.69	Nrbp	-1.75	Kif3a	-1.61	Galnt1	-1.56	C530043G21Rik	-1.64
Tmem14c	-1.72	Gpr19	-1.69	Panx3	-1.75	Knsf5	-1.61	Gatad1	-1.56	Centd1	-1.64
Tbx2	-1.72	Gpr23	-1.69	Phpt1	-1.75	LOC235860	-1.61	Gpr1	-1.56	Crk	-1.64
Sybl1	-1.72	Hoxb4	-1.69	Rasa1	-1.75	LOC381406	-1.61	Hspca	-1.56	Crsp2	-1.64
Surb7	-1.72	Htr1b	-1.69	scl0004190.1_3	-1.75	Mrpl37	-1.61	Kpna1	-1.56	Ctcf	-1.64
Ssna1	-1.72	Ilgb5	-1.69	Siah1a	-1.75	Nab2	-1.61	LOC384009	-1.56	Ctsw	-1.64
Ryk	-1.72	Katnal1	-1.69	Stx18	-1.75	Ndufs4	-1.61	Lrrc57	-1.56	D030026A21Rik	-1.64
Rhod	-1.72	Kcne4	-1.69	Suv420h1	-1.75	Olfm1	-1.61	Lrrc59	-1.56	D14Ert449e	-1.64
Rhoa	-1.72	Lhfp	-1.69	Tgfr	-1.75	P4ha1	-1.61	Mtpn	-1.56	D330024H06Rik	-1.64
Rgs12	-1.72	LOC210582	-1.69	Tmem87a	-1.75	Pdir	-1.61	Nefm	-1.56	D3Ucla1	-1.64
Prrx2	-1.72	LOC245522	-1.69	Zipro1	-1.75	Pep4	-1.61	Nupr1	-1.56	Dctn6	-1.64
Pja2	-1.72	LOC383330	-1.69	0610012D17Rik	-1.72	Pfdn4	-1.61	Odz4	-1.56	Dpysl5	-1.64
Pitpn	-1.72	Maged2	-1.69	0610027O18Rik	-1.72	Phf11	-1.61	Panx3	-1.56	Efnb2	-1.64
Pik3r1	-1.72	Mast2	-1.69	1600023H17Rik	-1.72	Pias4	-1.61	Pcsk9	-1.56	Galnt1	-1.64
Panx1	-1.72	Mecp2	-1.69	1700021C14Rik	-1.72	Pitx3	-1.61	Plk1	-1.56	Gnb1	-1.64
Osbp15	-1.72	MGC25972	-1.69	1810037C20Rik	-1.72	Plekhhg2	-1.61	Psmd13	-1.56	Hoxb4	-1.64
Nt5m	-1.72	mt-Atp6	-1.69	2210013O21Rik	-1.72	Ppm1l	-1.61	Ptdsr	-1.56	Hspa12b	-1.64
Moxd1	-1.72	Ndel1	-1.69	2310044H10Rik	-1.72	Prkag1	-1.61	Rarb	-1.56	Kpna1	-1.64
Mocs2	-1.72	Ormdl3	-1.69	2410012H22Rik	-1.72	Rabl2a	-1.61	scl000408.1_6	-1.56	Krt20	-1.64
Mia1	-1.72	Paqr3	-1.69	2410015J15Rik	-1.72	Rcn3	-1.61	Scoc	-1.56	LOC192950	-1.64
Kctd1	-1.72	Paip8	-1.69	2600010E01Rik	-1.72	Rplp2	-1.61	Sec23a	-1.56	LOC383010	-1.64
Ifi20	-1.72	Pdlim7	-1.69	2610204L23Rik	-1.72	Rrad	-1.61	Serpinh1	-1.56	LOC384009	-1.64
Htra1	-1.72	Phf2	-1.69	4930432O21Rik	-1.72	Sca1	-1.61	Tes3	-1.56	LOC384742	-1.64
Hspa5bp1	-1.72	Plod1	-1.69	4930553C05Rik	-1.72	scl0015365.1_6	-1.61	Tnfrsf5	-1.56	Ltb4r1	-1.64
Hand2	-1.72	Pmp22	-1.69	5031436O03Rik	-1.72	Scye1	-1.61	1700006H10Rik	-1.54	Mustn1	-1.64
Gnb2	-1.72	Ppflbp1	-1.69	A730017D01Rik	-1.72	Sdf2	-1.61	2300002D17Rik	-1.54	Pdcd10	-1.64
Elk3	-1.72	Raet1b	-1.69	A730086L23Rik	-1.72	Sgcb	-1.61	2310044G17Rik	-1.54	Pdcd5	-1.64
D430026P16Rik	-1.72	Rassf1	-1.69	Arpc4	-1.72	Sgk	-1.61	2310058J06Rik	-1.54	Pygo2	-1.64
D10Ert610e	-1.72	Ski	-1.69	AW551984	-1.72	Ssbp2	-1.61	2600011E07Rik	-1.54	Rab1b	-1.64
Cygb	-1.72	Slc39a13	-1.69	AW822216	-1.72	Supf4h2	-1.61	2610304I02Rik	-1.54	Rerg	-1.64
Comm7	-1.72	Smaad2	-1.69	B930041F14Rik	-1.72	Syt12	-1.61	4930471I01Rik	-1.54	Slc2a3	-1.64
Cldn11	-1.72	Steap2	-1.69	B930095G10Rik	-1.72	Tes3	-1.61	4933405A16Rik	-1.54	Smpd1	-1.64
Cf12	-1.72	Stk40	-1.69	BC034054	-1.72	Tnfrif8	-1.61	5230400G24Rik	-1.54	Snx12	-1.64
Cf11	-1.72	Tacc1	-1.69	Bloc1s2	-1.72	Ube2v1	-1.61	5430432M24Rik	-1.54	Srp9	-1.64
Cd47	-1.72	Tgfb1	-1.69	C76566	-1.72	Vapb	-1.61	6330407D12Rik	-1.54	Tesk1	-1.64
Carhsp1	-1.72	Tuba1	-1.69	Cnih4	-1.72	Wdr4	-1.61	A530082O13Rik	-1.54	Tjp2	-1.64
C1qtnf2	-1.72	Ubc	-1.69	Csde1	-1.72	Zfp260	-1.61	Aldh1a2	-1.54	Trappc3	-1.64
C130033B18Rik	-1.72	Zfp346	-1.69	Ctsw	-1.72	Zfp282	-1.61	Ank1	-1.54	Trim26	-1.64
Bves	-1.72	Zfp397	-1.69	Cxcl1	-1.72	Zyx	-1.61	AW538196	-1.54	Tyms	-1.64
Bhlhb2	-1.72	1110012O05Rik	-1.67	D10Ert4438e	-1.72	1110002M09Rik	-1.59	Bdh	-1.54	Ube2v1	-1.64
B3gnt5	-1.72	1190002N15Rik	-1.67	D1Ert4251e	-1.72	1110018J18Rik	-1.59	Brrm1	-1.54	Vdp	-1.64
AW539964	-1.72	1600012K10Rik	-1.67	D2Ert4217e	-1.72	1110059M19Rik	-1.59	C330023F11Rik	-1.54		-1.61
Arhgap18	-1.72	2210419D22Rik	-1.67	D630048P19Rik	-1.72	1110065D03Rik	-1.59	C80879	-1.54	1110001E17Rik	-1.61
Ank1	-1.72	2510004L01Rik	-1.67	E430036I04Rik	-1.72	1190017O12Rik	-1.59	Ccm2	-1.54	1110002E22Rik	-1.61
Anapc2	-1.72	2700059D21Rik	-1.67	Frmf6	-1.72	1300014I06Rik	-1.59	Cdc25a	-1.54	1300011L04Rik	-1.61
AI850995	-1.72	4930488P06Rik	-1.67	Klhl6	-1.72	1810014L12Rik	-1.59	Cdca4	-1.54	2210021A15Rik	-1.61
A530030G15Rik	-1.72	5730427N09Rik	-1.67	Ndufa2	-1.72	1810015M01Rik	-1.59	D430019H16Rik	-1.54	2310056B04Rik	-1.61
6330407D12Rik	-1.72	Atp6v1h	-1.67	Oat	-1.72	1810023B24Rik	-1.59	Doun1d3	-1.54	2310058J06Rik	-1.61
5830427H10Rik	-1.72	AV312086	-1.67	Pcolce	-1.72	1810057P16Rik	-1.59	Degs	-1.54	2610305J24Rik	-1.61
5830411120	-1.72	Bag3	-1.67	Pde4dip	-1.72	2310040A07Rik	-1.59	Dpysl5	-1.54	3110001A13Rik	-1.61
5730494J16Rik	-1.72	Bbs4	-1.67	Prdx2	-1.72	2410080P20Rik	-1.59	E130306F01Rik	-1.54	3222401M22Rik	-1.61
2810449M09Rik	-1.72	BC058638	-1.67	Prkg1	-1.72	2600010E01Rik	-1.59	Ehd1	-1.54	5530402M19Rik	-1.61
2310047K21Rik	-1.72	C330049H01Rik	-1.67	Rab6	-1.72	2610014I16Rik	-1.59	Ethe1	-1.54	A030004J04Rik	-1.61
2310045A20Rik	-1.72	C76566	-1.67	Rtnf2	-1.72	2810423A18Rik	-1.59	Ext1	-1.54	A530082O13Rik	-1.61
2310014H01Rik	-1.72	Ddah2	-1.67	Rnf19	-1.72	2810449D17Rik	-1.59	Fzd7	-1.54	A730054J21Rik	-1.61
2210415K03Rik	-1.72	Ddx24	-1.67	scl0001978.1_6	-1.72	2900009C16Rik	-1.59	Gemin7	-1.54	AA536749	-1.61
1810017G16Rik	-1.72	E230011E21Rik	-1.67	scl0002018.1_19	-1.72	4930432O21Rik	-1.59	Gm592	-1.54	Adamts12	-1.61
1700129L13Rik	-1.72	Edn1	-1.67	scl0003723.1_3	-1.72	9130202B12Rik	-1.59	Ilgav	-1.54	Adra2a	-1.61
		Ednrb	-1.67	scl000936.1_18	-1.72	9430065L19Rik	-1.59	Ilgb1bp1	-1.54	Alb37181	-1.61
Ube11	-1.69	Eif1	-1.67	Snora65	-1.72	A730017D01Rik	-1.59	Khdrbs3	-1.54	Arfgap1	-1.61
Tgm2	-1.69	Fscn1	-1.67	Stl7	-1.72	A830089I03Rik	-1.59	Kif26b	-1.54	Arl4	-1.61
Tde2	-1.69	Gdf9	-1.67	Tm4sf12	-1.72	Amigo3	-1.59	Kifc5a	-1.54	C530044N13Rik	-1.61
Sypl	-1.69	Ggll3	-1.67	Ttrafd1	-1.72	Apb1	-1.59	LOC230765	-1.54	C80879	-1.61
Stx18	-1.69	Glis1	-1.67	Wdr6	-1.72	Atp6a1	-1.59	LOC382896	-1.54	Ccne2	-1.61

15-Sep

Sirt2	-1.69	Gstt1	-1.67	Xlr4a	-1.72	AU022252	-1.59	Mamdc2	-1.54	Cd151	-1.61
scl0002956.1_592	-1.69	Hspa9	-1.67	1110012O05Rik	-1.69	Bcd2l1	-1.59	Mmp13	-1.54	Cf11	-1.61
Rxrg	-1.69	Igf2bp2	-1.67	1110059G02Rik	-1.69	Bud31	-1.59	Obfc2a	-1.54	Crsp8	-1.61
Rrbp1	-1.69	Igfbp6	-1.67	2010319C14Rik	-1.69	C76566	-1.59	Pdcd5	-1.54	Crym	-1.61
Rnu65	-1.69	Laptn4a	-1.67	2310016E02Rik	-1.69	Chrm3	-1.59	Phlda2	-1.54	Dbf4	-1.61
Rcn3	-1.69	Lars	-1.67	2510004L01Rik	-1.69	Comm1d1	-1.59	Plac9	-1.54	Denr	-1.61
Rasl11a	-1.69	Lem2	-1.67	2810423O19Rik	-1.69	Cops2	-1.59	Rab38	-1.54	Disp1	-1.61
Rac1	-1.69	LOC214738	-1.67	3110009E18Rik	-1.69	Crpc	-1.59	Ercp	-1.54	Emd	-1.61
Prkcd	-1.69	LOC234582	-1.67	4631423F02Rik	-1.69	Csk	-1.59	scl0001708.1_442	-1.54	Fath	-1.61
Panx3	-1.69	LOC380906	-1.67	4930488P06Rik	-1.69	Cugbp1	-1.59	Sec61a2	-1.54	Fblim1	-1.61
Oat	-1.69	LOC383227	-1.67	A530030G15Rik	-1.69	D330024H06Rik	-1.59	Slc9a3r2	-1.54	Gadd45g	-1.61
Oact1	-1.69	LOC384089	-1.67	Adamts1	-1.69	D4Bwg0951e	-1.59	Smurf2	-1.54	Hist1h2bg	-1.61
Nfix	-1.69	Mrp130	-1.67	AK129302	-1.69	D630045E04Rik	-1.59	Surb7	-1.54	Krt1-16	-1.61
Mtch1	-1.69	Nipa1	-1.67	Ank1	-1.69	D7Wsu128e	-1.59	Trim63	-1.54	Lingo2	-1.61
Mlycd	-1.69	Nptn	-1.67	Ap1s1	-1.69	Dph4	-1.59	Trip6	-1.54	LOC209281	-1.61
Lyzs	-1.69	Osbpl11	-1.67	Arl2	-1.69	E430024F02Rik	-1.59	Wdr1	-1.54	LOC218963	-1.61
Lrrcs57	-1.69	Otub2	-1.67	Basp1	-1.69	En1	-1.59	Wfs1	-1.54	LOC380706	-1.61
LOC654842	-1.69	Podhb22	-1.67	BC004022	-1.69	Fkbp1a	-1.59	Zfp537	-1.54	LOC380781	-1.61
LOC382020	-1.69	Pdlim2	-1.67	Caml	-1.69	Gpr30	-1.59	1110019N10Rik	-1.52	LOC381142	-1.61
LOC212963	-1.69	Prkcn	-1.67	Cldn11	-1.69	Grb10	-1.59	1190002N15Rik	-1.52	LOC382902	-1.61
Lbh	-1.69	Rab6ip1	-1.67	Crel1	-1.69	Hbb-b1	-1.59	1300010A20Rik	-1.52	Mef2c	-1.61
Lasp1	-1.69	Rabep1	-1.67	Crym	-1.69	Herpud1	-1.59	1500004F05Rik	-1.52	Mfap5	-1.61
Kdt1	-1.69	Rnf11	-1.67	Dusp1	-1.69	Hmgn2	-1.59	2010007H12Rik	-1.52	Nppa	-1.61
Hs6st1	-1.69	Rtn4	-1.67	Dusp6	-1.69	Hspc171	-1.59	2410011G03Rik	-1.52	Npr3	-1.61
Gpc4	-1.69	scl0003187.1_40	-1.67	Epc1	-1.69	Ict1	-1.59	5730494J16Rik	-1.52	Otub1	-1.61
Gna12	-1.69	Serpinh1	-1.67	Frm14a	-1.69	LOC216501	-1.59	6330505N24Rik	-1.52	Pdgfra	-1.61
Fer1l3	-1.69	Slc9a1	-1.67	Gus-s	-1.69	LOC238836	-1.59	9130430L19Rik	-1.52	Pem	-1.61
Farp2	-1.69	Snx8	-1.67	Hist1h2ai	-1.69	LOC381632	-1.59	Ap2m1	-1.52	Plscr1	-1.61
En1	-1.69	Stx1a	-1.67	Laptn4a	-1.69	LOC381865	-1.59	Arid3b	-1.52	Prkar1a	-1.61
Dscr5	-1.69	Tceal8	-1.67	LOC216501	-1.69	LOC382585	-1.59	Arlh1	-1.52	Prkr	-1.61
Dntt1p	-1.69	Tnfrsf11a	-1.67	LOC269859	-1.69	LOC384009	-1.59	Atp6v0a2	-1.52	Prrx2	-1.61
Dm15	-1.69	Tnfrsf1	-1.67	LOC380836	-1.69	Mrp18	-1.59	AU022252	-1.52	Rabl3	-1.61
Ddit3	-1.69	Ube2h	-1.67	LOC383189	-1.69	Mthfd2	-1.59	Bach1	-1.52	Rasgrp3	-1.61
D330024H06Rik	-1.69	Ugcg1	-1.67	Mapre1	-1.69	Nog	-1.59	Ccnb1	-1.52	Rnf11	-1.61
Col7a1	-1.69	Usp30	-1.67	Myg1	-1.69	Npy	-1.59	Cd1pt	-1.52	Sbk	-1.61
C530008M17Rik	-1.69	Usp47	-1.67	Ppt1	-1.69	Plscr1	-1.59	Cript	-1.52	scl0002315.1_12	-1.61
BB128963	-1.69	Vapb	-1.67	Rbms1	-1.69	Pmp22	-1.59	Crk	-1.52	Snrp1c	-1.61
Bad	-1.69	Zfp597	-1.67	Rnf170	-1.69	Ppp6c	-1.59	Cstf3	-1.52	Stx18	-1.61
AW123240	-1.69	1700025G04Rik	-1.64	Rad	-1.69	Psmc3	-1.59	D630010B17Rik	-1.52	Tnfrsf5	-1.61
Atbf1	-1.69	2010009J12Rik	-1.64	scl0002558.1_69	-1.69	Pt1lb	-1.59	Dnajb1	-1.52	Tyms-ps	-1.61
Arfgap3	-1.69	2010321M09Rik	-1.64	Sec24d	-1.69	Ptprz1	-1.59	Dok1	-1.52	Vt1b	-1.61
Ankrd38	-1.69	2310003P10Rik	-1.64	Senp7	-1.69	Rg9mtd2	-1.59	E130115E03Rik	-1.52	Xbp1	-1.61
Ankrd2	-1.69	2310009E04Rik	-1.64	Serf1	-1.69	Rpph1	-1.59	Grem1	-1.52	Zfp608	-1.61
Akt1s1	-1.69	3010003L21Rik	-1.64	Slc14a	-1.69	S100a9	-1.59	Gsta4	-1.52	Zfpm2	-1.61
Adamts1	-1.69	3100004P22Rik	-1.64	Slc25a17	-1.69	Sdcbp	-1.59	Hand2	-1.52	1110018J23Rik	-1.59
Actn3	-1.69	4732471D19Rik	-1.64	Slc35b4	-1.69	Snrp1c	-1.59	Hsp105	-1.52	1110038D17Rik	-1.59
Aacs	-1.69	5430405G24Rik	-1.64	Snx21	-1.69	Thyn1	-1.59	ldb3	-1.52	1700065O13Rik	-1.59
AA536749	-1.69	5830434P21Rik	-1.64	Sra1	-1.69	Ttc3	-1.59	ltgb6	-1.52	1810003N24Rik	-1.59
5830461H18Rik	-1.69	6430595O10Rik	-1.64	Stau2	-1.69	Wdr18	-1.59	LOC209281	-1.52	1810038L18Rik	-1.59
5530400P07Rik	-1.69	9130221H12Rik	-1.64	Tbx4	-1.69	Zfp524	-1.59	LOC224732	-1.52	2310009M18Rik	-1.59
5031425E22Rik	-1.69	9430063L05Rik	-1.64	Tex261	-1.69	1100001M03Rik	-1.56	LOC381379	-1.52	2810405K02Rik	-1.59
3110023B02Rik	-1.69	Actr10	-1.64	Tmed3	-1.69	1110001N06Rik	-1.56	LOC382691	-1.52	A630005A06Rik	-1.59
3110001A13Rik	-1.69	Agpat6	-1.64	Tmem166	-1.69	1110039B18Rik	-1.56	Mid1p1	-1.52	A830059I20Rik	-1.59
2900009C16Rik	-1.69	Alg8	-1.64	Tspan4	-1.69	1110067L22Rik	-1.56	Mif1	-1.52	Adcy4	-1.59
2510009E07Rik	-1.69	Ap3d1	-1.64	Usp5	-1.69	1500032L24Rik	-1.56	Mrps18b	-1.52	Ankrd2	-1.59
2310021P13Rik	-1.69	Apbb1p	-1.64	Vgf	-1.69	2410008J05Rik	-1.56	Ndufa11	-1.52	Ap1s1	-1.59
2310020F24Rik	-1.69	Arid5b	-1.64	Yif1a	-1.69	2600011E07Rik	-1.56	Paip1	-1.52	Ap2s1	-1.59
2310001A20Rik	-1.69	Arl8b	-1.64	Yme111	-1.69	2610204L23Rik	-1.56	Pdcd6ip	-1.52	Arpp19	-1.59
2210419D22Rik	-1.69	Armcx1	-1.64	1110038B12Rik	-1.67	2610206B13Rik	-1.56	Pfn1	-1.52	Atp6v1g1	-1.59
1810047C23Rik	-1.69	BC022687	-1.64	1600013P15Rik	-1.67	2610304I02Rik	-1.56	Ppp1r14a	-1.52	AW538196	-1.59
1700019E19Rik	-1.69	C130021120	-1.64	2010320M18Rik	-1.67	3010027N08Rik	-1.56	Ppp2r5d	-1.52	C2	-1.59
Zfp202	-1.67	C630002N04Rik	-1.64	2210010A19Rik	-1.67	4930553C05Rik	-1.56	Ramp1	-1.52	Cbara1	-1.59
Vim	-1.67	C630024N05Rik	-1.64	2310032M22Rik	-1.67	4933434E20Rik	-1.56	Rnu3ip2	-1.52	Cdkn2d	-1.59
Trip6	-1.67	Cspg4	-1.64	2310057H16Rik	-1.67	6430537F04	-1.56	Rtn4	-1.52	Cif2	-1.59
Trem2	-1.67	D15Mgi27	-1.64	2810008M24Rik	-1.67	6820449I09Rik	-1.56	Sart1b	-1.52	Chmp7	-1.59
Tram1	-1.67	D430026P16Rik	-1.64	2900060B14Rik	-1.67	Alcam	-1.56	scl0001627.1_140	-1.52	Coxvb2	-1.59
Trafd1	-1.67	Ddef1	-1.64	3830432E14Rik	-1.67	Ankrd2	-1.56	Sdcbp2	-1.52	Cycs	-1.59
Tmpit	-1.67	Fbxo27	-1.64	6330417G03Rik	-1.67	Atp6v0a2	-1.56	Sec24d	-1.52	D15Ertid366e	-1.59
Tmem23	-1.67	Fgfr11	-1.64	Adcy2	-1.67	BC008103	-1.56	Smad1	-1.52	D730049H07Rik	-1.59
Tmem108	-1.67	G431001E03Rik	-1.67	Alg2	-1.67	C430002D13Rik	-1.56	Smoc1	-1.52	E030026I10Rik	-1.59
Tes3	-1.67	Grem1	-1.64	Anapc13	-1.67	C530008M17Rik	-1.56	Sp25	-1.52	Epha2	-1.59
scl0001602.1_506	-1.67	H2-DMa	-1.64	Anrx2	-1.67	Cd63	-1.56	Steap	-1.52	Gatad1	-1.59



Sar1a	-1.67	Hs1bp3	-1.64	Ap2s1	-1.67	Cd97	-1.56	Tera-pending	-1.52	Gfpt2	-1.59
Rab14	-1.67	Igf1r	-1.64	AW548124	-1.67	Cdc42se1	-1.56	Ube2s	-1.52	Gna12	-1.59
R74862	-1.67	Kif3c	-1.64	BC024955	-1.67	Clec3f8	-1.56	Uck2	-1.52	Ith1	-1.59
Pttg1ip	-1.67	Krtcap2	-1.64	Bcl2a1d	-1.67	Clptm1	-1.56	Zcchc12	-1.52	Jundm2	-1.59
Plscr1	-1.67	Ltbp3	-1.64	Blmh	-1.67	Csde1	-1.56	Zdhhc12	-1.52	Kbtbd5	-1.59
Plekhb2	-1.67	Maged1	-1.64	C230091E03Rik	-1.67	Cbxn	-1.56	Zfp532	-1.52	Khdrbs3	-1.59
Phactr4	-1.67	Map4k4	-1.64	C430002D13Rik	-1.67	Dcun1d2	-1.56	1500031N17Rik	-1.49	LOC382245	-1.59
Pcp411	-1.67	Mapc	-1.64	Capns1	-1.67	E430031D18Rik	-1.56	290002H06Rik	-1.49	LOC382737	-1.59
Nsdh1	-1.67	Nfatc4	-1.64	Cbfa211h	-1.67	Fadd	-1.56	Amigo3	-1.49	Lrch2	-1.59
Ngfb	-1.67	Npn1	-1.64	Ccdc3	-1.67	Fgfr2	-1.56	Bzw1	-1.49	Map1c3a	-1.59
Ncf4	-1.67	Osbpl2	-1.64	Cnn3	-1.67	Fiz1	-1.56	Cspg4	-1.49	Map2k2	-1.59
Mast2	-1.67	P4ha2	-1.64	Cbxn	-1.67	Fndc3b	-1.56	Diap3	-1.49	Mocs2	-1.59
Map1c3a	-1.67	Pcbp3	-1.64	D10Ert641e	-1.67	Gatad1	-1.56	Hbb-b1	-1.49	Ndufb6	-1.59
Mamdc2	-1.67	Pdcd1lg1	-1.64	Dapk2	-1.67	Hdac7a	-1.56	Hhip	-1.49	Osbpl5	-1.59
Magee1	-1.67	Pgrmc1	-1.64	Gatad1	-1.67	Hhip	-1.56	Jag1	-1.49	Paip1	-1.59
Lrig1	-1.67	Ppp1r12a	-1.64	Kcna6	-1.67	Kifc5a	-1.56	Lrch2	-1.49	Polk	-1.59
LOC207695	-1.67	Pscd3	-1.64	LOC225118	-1.67	Lmna	-1.56	Ripk4	-1.49	Prei3	-1.59
Leprotil	-1.67	Rab10	-1.64	Mmp14	-1.67	Lmo4	-1.56			Psmb5	-1.59
Itgb6	-1.67	Rela	-1.64	Mocs1	-1.67	Mical1	-1.56			Rbms1	-1.59
Itgav	-1.67	Rhoa	-1.64	Mtmr2	-1.67	Mrps11	-1.56			Rrbp1	-1.59
Il11ra1	-1.67	Rora	-1.64	Nid2	-1.67	Nasp	-1.56			scl000936.1_18	-1.59
Idb2	-1.67	Rras2	-1.64	Osgep	-1.67	Nes	-1.56			Slc38a4	-1.59
Has2	-1.67	scl0002624.1_576	-1.64	Pard6a	-1.67	Ptc	-1.56			Smox	-1.59
H13	-1.67	Sdpr	-1.64	Psmc3	-1.67	Rgs1	-1.56			Unc13b	-1.59
Fosl2	-1.67	Serf1	-1.64	Ptprz1	-1.67	scl000057.1_28_REVCOMP	-1.56			Znhit3	-1.59
Fkbp1a	-1.67	Sh2b3	-1.64	Ralb	-1.67	Slc29a4	-1.56			1110006E14Rik	-1.56
Ext1	-1.67	Silg111	-1.64	S100a11	-1.67	Spag7	-1.56			1110054H05Rik	-1.56
Egfr9	-1.67	Sphk1	-1.64	scl0001487.1_50	-1.67	Spg7	-1.56			1200015A19Rik	-1.56
E2f6	-1.67	Srd5a2l	-1.64	scl0002315.1_12	-1.67	Sphk1	-1.56			1810055E12Rik	-1.56
D630041K24Rik	-1.67	Stx8	-1.64	scl00260315.1_244	-1.67	Stk40	-1.56			2010316F05Rik	-1.56
Copa	-1.67	Stxbp1	-1.64	Ssr2	-1.67	Tmem126a	-1.56			2310003C23Rik	-1.56
Col3a1	-1.67	Thsd6	-1.64	Ube2f	-1.67	Trpc4ap	-1.56			2310033F14Rik	-1.56
Ch25h	-1.67	Timp2	-1.64	Ube2v1	-1.67	Txnl4b	-1.56			2310036O22Rik	-1.56
Cdkn3	-1.67	Tmem63a	-1.64	Zfp771	-1.67	Ube2a	-1.56			4930453N24Rik	-1.56
Cdh3	-1.67	Tpm1	-1.64	1110021H02Rik	-1.64	Zfp454	-1.56			6330503C03Rik	-1.56
Cd44	-1.67	Trim21	-1.64	1110028E10Rik	-1.64	Zlyve21	-1.56			8030448M07Rik	-1.56
Cbfa211h	-1.67	Wt1	-1.64	1110059M19Rik	-1.64	1700022J01Rik	-1.54			9430080K19Rik	-1.56
C920005C14Rik	-1.67	Zfp238	-1.64	1500010M16Rik	-1.64	2310016E02Rik	-1.54			Ap3d1	-1.56
C430002D13Rik	-1.67	0610009K11Rik	-1.61	2010003O02Rik	-1.64	2410012H22Rik	-1.54			AW146242	-1.56
Bloc1s2	-1.67	1200015N20Rik	-1.61	2010321M09Rik	-1.64	2610027C15Rik	-1.54			C630024N05Rik	-1.56
Bdnf	-1.67	1700020D05Rik	-1.61	2310030G09Rik	-1.64	2810008M24Rik	-1.54			Capza1	-1.56
Bcl7a	-1.67	1700027N10Rik	-1.61	2410004C24Rik	-1.64	2810405F04Rik	-1.54			Cugbp2	-1.56
Bcl2l1	-1.67	1810037C20Rik	-1.61	2610304I02Rik	-1.64	3110052N05Rik	-1.54			D630010B17Rik	-1.56
B130050I23Rik	-1.67	2310022B05Rik	-1.61	3110054C06Rik	-1.64	4930471O16Rik	-1.54			Dad1	-1.56
B130017I01Rik	-1.67	2310069P03Rik	-1.61	4930563C06Rik	-1.64	9830131B04Rik	-1.54			Dnajb1	-1.56
Alg2	-1.67	2610529H08Rik	-1.61	5031425E22Rik	-1.64	A330066M24Rik	-1.54			Dncl1	-1.56
Abcf3	-1.67	2900057D21Rik	-1.61	5830435K17Rik	-1.64	Acna2	-1.54			Fas	-1.56
9530051K01Rik	-1.67	3002006F17Rik	-1.61	A730011F23Rik	-1.64	Adprh2	-1.54			Fdps	-1.56
643059E15Rik	-1.67	4932408F19Rik	-1.61	Aabp3-pending	-1.64	Atp5e	-1.54			Fosb	-1.56
4930524J08Rik	-1.67	5730455P16Rik	-1.61	Abcc5	-1.64	B230208H17Rik	-1.54			Fzd3	-1.56
2610524H06Rik	-1.67	6330503C03Rik	-1.61	Ankrd2	-1.64	B930066N23Rik	-1.54			Gldc	-1.56
2310075M15Rik	-1.67	6720458F09Rik	-1.61	Bcl2l1	-1.64	Bet1l	-1.54			Gm644	-1.56
2310008M10Rik	-1.67	9030418K01Rik	-1.61	Bves	-1.64	C1qb	-1.54			Gprc5a	-1.56
0710008K08Rik	-1.67	A930008A22Rik	-1.61	Camk2g	-1.64	Cd9e	-1.54			Git2	-1.56
Zfpm2	-1.64	Abhd4	-1.61	Casp6	-1.64	Commf7	-1.54			lft20	-1.56
Xlra4	-1.64	Al480556	-1.61	Casp7	-1.64	Crym	-1.54			Kcnj2	-1.56
Wdr22	-1.64	Al842788	-1.61	Ccl3	-1.64	Csrp3	-1.54			Maea	-1.56
Tmbim1	-1.64	Amotl1	-1.61	Clec3f8	-1.64	Cul7	-1.54			Marcks	-1.56
Thsd2	-1.64	Appb1	-1.61	Crcp	-1.64	D430026P16Rik	-1.54			Milt11	-1.56
Syap1	-1.64	Arpc5l	-1.61	D2Bwg1423e	-1.64	Dleu2	-1.54			Mrg1	-1.56
Sbx7	-1.64	B130050I23Rik	-1.61	Flot1	-1.64	Dorz1	-1.54			Msn	-1.56
St3gal3	-1.64	BC039161	-1.61	Fndc3b	-1.64	Gltd8d2	-1.54			Mvk	-1.56
Ssr4	-1.64	C130032J12Rik	-1.61	Gilpr1	-1.64	Gtgeo22	-1.54			Ncbp2	-1.56
Sphk1	-1.64	C230075L19Rik	-1.61	Hist1h1c	-1.64	Igsf4a	-1.54			Ndel1	-1.56
Spes1	-1.64	Ccl11	-1.61	Hoxb5	-1.64	Irf2bp2	-1.54			Prkrr	-1.56
Spc18	-1.64	Cd47	-1.61	Itgav	-1.64	LOC226135	-1.54			Ptprz1	-1.56
Snx17	-1.64	Chpt1	-1.61	Kifc5a	-1.64	LOC383139	-1.54			Rap1b	-1.56
Snx1	-1.64	Csk	-1.61	LOC269515	-1.64	Lrrc57	-1.54			scl0002069.1_48	-1.56
Smad5	-1.64	D630036H09Rik	-1.61	LOC329521	-1.64	Mak10	-1.54			Slc39a6	-1.56
Slc35b4	-1.64	E130112E08Rik	-1.61	LOC380888	-1.64	Mlp	-1.54			Timp1	-1.56
Slc1a4	-1.64	Ebf3	-1.61	LOC382896	-1.64	Mrps18b	-1.54			Tnfrap3	-1.56
Sgpp1	-1.64	Eif3s8	-1.61	LOC383295	-1.64	Mrps7	-1.54			Tpbp	-1.56

scI0001708.1_442	-1.64	Galnt1	-1.61	LOC384104	-1.64	Myg1	-1.54	Usp18	-1.56
Rasa3	-1.64	Gas8	-1.61	LOC432879	-1.64	Ndn	-1.54	Zfp36	-1.56
Rab6ip1	-1.64	Golga5	-1.61	Map3k7ip2	-1.64	Nfic	-1.54	Zwint	-1.56
Ptprv	-1.64	Gpr49	-1.61	Mettl9	-1.64	Nme6	-1.54	1200006G13Rik	-1.54
Ptk2	-1.64	Gstm1	-1.61	Mtch1	-1.64	Prkcn	-1.54	1600013P15Rik	-1.54
Plaur	-1.64	Hectd2	-1.61	Nfib	-1.64	Ptprb	-1.54	1810027I20Rik	-1.54
Osbpl3	-1.64	Inhba	-1.61	Nipa1	-1.64	Rg9mtd1	-1.54	1810058I24Rik	-1.54
Ogfr	-1.64	Isca1	-1.61	Nme4	-1.64	Rit1	-1.54	2310008I22Rik	-1.54
Ndst1	-1.64	Kctd2	-1.61	Osbpl5	-1.64	Sbk	-1.54	2600001B17Rik	-1.54
Ncald	-1.64	LOC269529	-1.61	Pcbd2	-1.64	Sdc1	-1.54	2810004A10Rik	-1.54
Nab2	-1.64	LOC382691	-1.61	Pcp411	-1.64	Sh3bgrl	-1.54	2810012H18Rik	-1.54
Mgmn1	-1.64	LOC384273	-1.61	Pde6d	-1.64	Snap23	-1.54	2810055E05Rik	-1.54
MGC40669	-1.64	Manbal	-1.61	Pdk3	-1.64	Snra1	-1.54	2810417J12Rik	-1.54
Lum	-1.64	Map4k3	-1.61	Pdzd11	-1.64	Thg11	-1.54	4930563C06Rik	-1.54
LOC385461	-1.64	Mfge8	-1.61	Ppp1cb	-1.64	Tpmt	-1.54	4933433P14Rik	-1.54
LOC228715	-1.64	Mfhas1	-1.61	Preip	-1.64	Zfp608	-1.54	9130427A09Rik	-1.54
Ldb2	-1.64	Ndufb5	-1.61	R74862	-1.64	1110002E23Rik	-1.52	9330196J05Rik	-1.54
Kdelc1	-1.64	Osbpl5	-1.61	Rab11b	-1.64	1110012D08Rik	-1.52	A830030H10Rik	-1.54
Iitm1	-1.64	Pace4	-1.61	Rbx1	-1.64	1110021H02Rik	-1.52	Abat	-1.54
Hmgn2	-1.64	Par6a	-1.61	Rgs12	-1.64	1110034G24Rik	-1.52	Adrm1	-1.54
Hist1h3i	-1.64	Pdgcfc	-1.61	Rhoc	-1.64	1700048E23Rik	-1.52	AI427515	-1.54
Hist1h2bg	-1.64	Polk	-1.61	Rnf14	-1.64	1810042K04Rik	-1.52	Arhgef18	-1.54
Gsnb4	-1.64	Psmf1	-1.61	Rps271	-1.64	2010203O07Rik	-1.52	Cald1	-1.54
Gas7	-1.64	Pycr1	-1.61	Scamp4	-1.64	2010321M09Rik	-1.52	Cd72	-1.54
Frs2	-1.64	Rab11fip3	-1.61	Sdf2	-1.64	2310003L22Rik	-1.52	Cldn3	-1.54
Erbp2ip	-1.64	Rchy1	-1.61	Sh3bgrl	-1.64	2310016C08Rik	-1.52	Crnk1	-1.54
Eng	-1.64	Sca2	-1.61	Slc12a2	-1.64	2310030G09Rik	-1.52	D5Bwg0834e	-1.54
Ehd2	-1.64	scI0002007.1_97	-1.61	Slc29a4	-1.64	2310047L21Rik	-1.52	E130118D18Rik	-1.54
Egln3	-1.64	scI000868.1_2	-1.61	Snap23	-1.64	2410011G03Rik	-1.52	Egr3	-1.54
Dusp3	-1.64	Sel1l	-1.61	Stk40	-1.64	2410015J15Rik	-1.52	Gas8	-1.54
D15Wsu75e	-1.64	Sirt2	-1.61	Stmn1	-1.64	2610200G18Rik	-1.52	Hbb-b1	-1.54
Cxx1b	-1.64	Smo	-1.61	Tead2	-1.64	2700050P07Rik	-1.52	Kcnmb4	-1.54
Cbxn	-1.64	Snx17	-1.61	Thrap5	-1.64	2900016D05Rik	-1.52	LOC209372	-1.54
Cdkn2d	-1.64	Snx24	-1.61	Tmem49	-1.64	4930487N19Rik	-1.52	LOC245828	-1.54
C730049P21	-1.64	Spes1	-1.61	Topors	-1.64	5730596K20Rik	-1.52	LOC381891	-1.54
Bicd2	-1.64	Spnk2	-1.61	Trappc3	-1.64	6030443O07Rik	-1.52	Map3k3	-1.54
BC049730	-1.64	Stau2	-1.61	Tubg2	-1.64	9430016H08Rik	-1.52	Mboat2	-1.54
Bag2	-1.64	Surf4	-1.61	Xbp1	-1.64	9430088P09Rik	-1.52	Mod1	-1.54
B3galnt1	-1.64	Syp1	-1.61	Ykt6	-1.64	9930013B11Rik	-1.52	Morf4i2	-1.54
B230219D22Rik	-1.64	Tax1bp3	-1.61	Zfp282	-1.64	A730086L23Rik	-1.52	Mrp120	-1.54
Arf5	-1.64	Trim47	-1.61	1110001A23Rik	-1.61	A930002H24Rik	-1.52	Nedd8	-1.54
Ahnak	-1.64	Tug1	-1.61	1110002N22Rik	-1.61	Aabp3-pending	-1.52	Nme1	-1.54
Actr1a	-1.64	Ubg	-1.61	1810038L18Rik	-1.61	Abcf3	-1.52	Nme6	-1.54
9630050M13Rik	-1.64	Vegfa	-1.61	2010004M13Rik	-1.61	AI840980	-1.52	Pofut2	-1.54
9530046H09Rik	-1.64	Zfpm2	-1.61	2210415K03Rik	-1.61	Ap4s1	-1.52	Ptpn12	-1.54
6430515G22Rik	-1.64	0610038F07Rik	-1.59	2310009M18Rik	-1.61	Armc8	-1.52	Pthr1	-1.54
4930577N17Rik	-1.64	1110011C06Rik	-1.59	2310045K21Rik	-1.61	BC035522	-1.52	Rabif	-1.54
4930467B06Rik	-1.64	1110046J11Rik	-1.59	2310056B04Rik	-1.61	Bcl7a	-1.52	Rarb	-1.54
4732460K03Rik	-1.64	2010106G01Rik	-1.59	2510022D24Rik	-1.61	Brd9	-1.52	Rbm18	-1.54
2610206B13Rik	-1.64	2210410P13Rik	-1.59	4833416I09Rik	-1.61	C130052O15Rik	-1.52	scI0003933.1_1635	-1.54
2610024B07Rik	-1.64	2300009A05Rik	-1.59	4930579G24Rik	-1.61	C430045M10Rik	-1.52	Serpig1	-1.54
2600010E01Rik	-1.64	2610016A17Rik	-1.59	6430527G18Rik	-1.61	Cdc16	-1.52	Sh3g1	-1.54
2510008P16Rik	-1.64	2700075B01Rik	-1.59	6720407G21Rik	-1.61	Cdh3	-1.52	Slc35b4	-1.54
1810008K03Rik	-1.64	2700094F01Rik	-1.59	6720463E02Rik	-1.61	Cdkn2d	-1.52	Sparc	-1.54
1700009N14Rik	-1.64	2810032G03Rik	-1.59	6720485C15Rik	-1.61	Cnih	-1.52	Tmem126a	-1.54
1600002K03Rik	-1.64	5430431G03Rik	-1.59	9130202B12Rik	-1.61	Cspg2	-1.52	Tmem134	-1.54
1500011H22Rik	-1.64	5630401D06Rik	-1.59	A430106H13Rik	-1.61	Cyp7b1	-1.52	Trim63	-1.54
1200006G13Rik	-1.64	6720425G15Rik	-1.59	Alg12	-1.61	D230010H24Rik	-1.52	Tusc1	-1.54
15-Sep	-1.64	6720490M18Rik	-1.59	Arl2bp	-1.61	D430022H17Rik	-1.52	0710005M24Rik	-1.52
Zfp523	-1.61	Adam12	-1.59	AV340375	-1.61	Ddx25	-1.52	1110013L07Rik	-1.52
Zfp307	-1.61	AL024069	-1.59	BC003236	-1.61	E430019H13Rik	-1.52	1110020M19Rik	-1.52
Zfp238	-1.61	Asns	-1.59	BC018462	-1.61	Fgd1	-1.52	2210415M20Rik	-1.52
Vps4a	-1.61	Ate1	-1.59	Btbd6	-1.61	Hist1h2ae	-1.52	2610009E16Rik	-1.52
Tmem111	-1.61	B430214A04Rik	-1.59	C130021I20	-1.61	Igslf10	-1.52	2700024D06Rik	-1.52
Tex264	-1.61	B930074N03Rik	-1.59	C230060E24	-1.61	Letmd1	-1.52	2810417K24Rik	-1.52
Tceal1	-1.61	BC003332	-1.59	Capzb	-1.61	LOC192950	-1.52	4833422F06Rik	-1.52
Tank	-1.61	BC049816	-1.59	Ccl25	-1.61	LOC233908	-1.52	4930477M19	-1.52
Ssfa2	-1.61	BC054438	-1.59	Ccl9	-1.61	LOC269515	-1.52	5730528L13Rik	-1.52
Srl	-1.61	C130087115Rik	-1.59	Cd248	-1.61	LOC331102	-1.52	9830131B04Rik	-1.52
Slc35a1	-1.61	Cacna2d1	-1.59	Cdc42se1	-1.61	LOC380836	-1.52	AA792894	-1.52
Slc25a24	-1.61	Cacng7	-1.59	Cetn3	-1.61	LOC384104	-1.52	Aabp3-pending	-1.52
Sept1	-1.61	Car13	-1.59	D530030D03Rik	-1.61	LOC384475	-1.52	Aacs	-1.52

scf0002018.1_19	-1.61	Cln5	-1.59	D630010B17Rik	-1.61	LOC385822	-1.52	Acat2	-1.52
Rgs1	-1.61	Cltc	-1.59	Ehd2	-1.61	LOC98434	-1.52	Apj	-1.52
Reep1	-1.61	Creb3	-1.59	Fgf13	-1.61	Lrm3	-1.52	AV028368	-1.52
Pmp	-1.61	Ctcf	-1.59	Gemin7	-1.61	Ly86	-1.52	BC046404	-1.52
Prdx3	-1.61	Cyhr1	-1.59	Gprasp1	-1.61	Marcks	-1.52	C530008M17Rik	-1.52
Phf2	-1.61	D930010J01Rik	-1.59	Hp1bp3	-1.61	Mkrm3	-1.52	Capzb	-1.52
Pcdh20	-1.61	Dmwd	-1.59	Jun	-1.61	Osgep	-1.52	Ccdc109a	-1.52
Nf5c3	-1.61	E2f3	-1.59	Kcnmb4	-1.61	Paip1	-1.52	Csrp3	-1.52
Npr3	-1.61	Eps15	-1.59	Kdt1	-1.61	Pqbp1	-1.52	Cul4b	-1.52
Ndufb6	-1.61	Exdl2	-1.59	Lama1	-1.61	Rgs10	-1.52	Ddot	-1.52
Napa	-1.61	Galnt4	-1.59	Ldb2	-1.61	scf0001708.1_442	-1.52	Dhcr24	-1.52
Myf2	-1.61	Gm129	-1.59	LOC382707	-1.61	scf000171.1_4	-1.52	Dnajb9	-1.52
Map3k3	-1.61	Golga1	-1.59	LOC383139	-1.61	Sdc4	-1.52	Fgf13	-1.52
Lyz	-1.61	H3f3b	-1.59	LOC384315	-1.61	Sgca	-1.52	Hist1h2bc	-1.52
Inpp1	-1.61	Ick	-1.59	LOC384434	-1.61	Snrpa	-1.52	Hoxa2	-1.52
Hoxd4	-1.61	Irs2	-1.59	Magee1	-1.61	Snrpd3	-1.52	LOC225118	-1.52
Gmb44	-1.61	Klf2	-1.59	Mak10	-1.61	Socs4	-1.52	LOC278097	-1.52
Fxc1	-1.61	LOC207695	-1.59	MGC41689	-1.61	Tex261	-1.52	LOC381947	-1.52
Frmf6	-1.61	Mif1	-1.59	Mrip27	-1.61	Unc84b	-1.52	Lxn	-1.52
Foxp1	-1.61	mtDNA_COXII	-1.59	Ppib	-1.61	Zfp537	-1.52	MGC40669	-1.52
Fadd	-1.61	Naga	-1.59	Ppp1r12a	-1.61	Zfp68	-1.52	Mrs6	-1.52
Emp1	-1.61	Nfic	-1.59	Prss12	-1.61	1110001K21Rik	-1.49	Msr2	-1.52
Dpp8	-1.61	Pdgfrl	-1.59	Psmf5	-1.61	2210013O21Rik	-1.49	Npy	-1.52
D8ErtD594e	-1.61	Picalm	-1.59	Ptprb	-1.61	2310014F06Rik	-1.49	Pcdh17	-1.52
D10Ucla1	-1.61	Plec1	-1.59	Rpl15	-1.61	2410042D21Rik	-1.49	Pgam5	-1.52
Cyp1b1	-1.61	Pld3	-1.59	Schip1	-1.61	4933412A02Rik	-1.49	Picalm	-1.52
Cox6b	-1.61	Pxk	-1.59	Sec61a1	-1.61	6530401116Rik	-1.49	Pik3r1	-1.52
Copg	-1.61	R3hdm1	-1.59	Sgcb	-1.61	9030024J15Rik	-1.49	Ptk2	-1.52
Cmya4	-1.61	Rpl21	-1.59	Sic40a1	-1.61	9930105H17Rik	-1.49	Ptp4a2	-1.52
Cdipt	-1.61	Satb1	-1.59	Sspn	-1.61	Arpc1a	-1.49	Rab11b	-1.52
Capzb	-1.61	scf0001708.1_442	-1.59	St3gal3	-1.61	Ddr2	-1.49	Rac3	-1.52
C630002N04Rik	-1.61	scf0002855.1_1056	-1.59	Sulf1	-1.61	lhpk1	-1.49	Ramp2	-1.52
C330023F11Rik	-1.61	Sfxn4	-1.59	Syl2	-1.61	LOC241944	-1.49	Rcn3	-1.52
C030002N13Rik	-1.61	Sh3bgr3	-1.59	Tbx2	-1.61	Pkig	-1.49	Rhoa	-1.52
Arv1	-1.61	Smtn	-1.59	Tmem141	-1.61	Sic4a7	-1.49	Spr	-1.52
Apobec1	-1.61	Spp13	-1.59	Tram1	-1.61	Zipr1	-1.49	St3gal3	-1.52
Ap2m1	-1.61	Tm7sf3	-1.59	Ube1dc1	-1.61			Tcf5	-1.52
Adcy2	-1.61	Xist	-1.59	Zfp191	-1.61			Thsd2	-1.52
AA792894	-1.61	Zfyve20	-1.59	1110014O20Rik	-1.59			Trappc2	-1.52
A730017D01Rik	-1.61	1110012F10Rik	-1.56	2010311D03Rik	-1.59			2410014A08Rik	-1.49
9830131B04Rik	-1.61	1300011L04Rik	-1.56	2410006H16Rik	-1.59			2610028L19Rik	-1.49
7030419K10Rik	-1.61	2210012G02Rik	-1.56	2610014I16Rik	-1.59			3100004P22Rik	-1.49
3110001O07Rik	-1.61	2210402C18Rik	-1.56	2610024E20Rik	-1.59			5830435K17Rik	-1.49
2310066E14Rik	-1.61	2310058J06Rik	-1.56	3110052N05Rik	-1.59			6820424L24Rik	-1.49
2310042L06Rik	-1.61	2310075A12Rik	-1.56	5730437N04Rik	-1.59			Adams7	-1.49
2310015B20Rik	-1.61	2410127E18Rik	-1.56	6030411F23Rik	-1.59			C330016H24Rik	-1.49
2310009M18Rik	-1.61	2610010A15Rik	-1.56	A830059I20Rik	-1.59			Ciapin1	-1.49
1110067D22Rik	-1.61	2610027C15Rik	-1.56	AI747699	-1.59			H2afx	-1.49
1110059M19Rik	-1.61	2900002H16Rik	-1.56	Ankrd38	-1.59			LOC385632	-1.49
1110038D17Rik	-1.61	4732458O05Rik	-1.56	Asb3	-1.59			Shoc2	-1.49
1110002E22Rik	-1.61	4932442K20Rik	-1.56	C630049M13	-1.59			Sic2a10	-1.49
Wbp1	-1.59	5430428G01Rik	-1.56	Cd97	-1.59				
Ugcg	-1.59	8430410K20Rik	-1.56	Cdca4	-1.59				
Tspo	-1.59	A230046K03Rik	-1.56	Chst1	-1.59				
Trappc3	-1.59	Actn1	-1.56	Cla3	-1.59				
Tox	-1.59	Adams9	-1.56	Cpsf5	-1.59				
Tcirg1	-1.59	Add1	-1.56	Crry	-1.59				
Sbx4a	-1.59	AI450540	-1.56	Ctps2	-1.59				
Smo	-1.59	Akap11	-1.56	D430026P16Rik	-1.59				
Sec311	-1.59	Akna	-1.56	Dmwd	-1.59				
scf0004190.1_3	-1.59	Apg12l	-1.56	E130112E08Rik	-1.59				
Pvri3	-1.59	Atbf1	-1.56	Elov1	-1.59				
Pvr	-1.59	Bach1	-1.56	Git8d1	-1.59				
Plekhm2	-1.59	BC002216	-1.56	Golga7	-1.59				
Plac9	-1.59	BC040823	-1.56	Hbb-b1	-1.59				
Pcsk7	-1.59	C030027H14Rik	-1.56	Hmbs	-1.59				
Nnmt	-1.59	C130032F08Rik	-1.56	Ick	-1.59				
Mesdc1	-1.59	C130033B18Rik	-1.56	Isgf3g	-1.59				
Mecp2	-1.59	C130086A10	-1.56	Khk	-1.59				
Lztr1	-1.59	C530047L02Rik	-1.56	Lbcl1	-1.59				
LOC383942	-1.59	Cdc42ep4	-1.56	Mrip53	-1.59				
LOC382063	-1.59	Cdkn2b	-1.56	Myf2	-1.59				

LOC381140	-1.59	Cfl2	-1.56	Myom1	-1.59
LOC331490	-1.59	Ciz1	-1.56	Ndc80	-1.59
LOC329521	-1.59	Copb2	-1.56	Ndufc1	-1.59
LOC230075	-1.59	Csrp1	-1.56	Npr3	-1.59
Klhl6	-1.59	Ctsb	-1.56	P4hb	-1.59
Klf26b	-1.59	Cyp4v3	-1.56	Pak2	-1.59
Hist1h3b	-1.59	D5Ertd579e	-1.56	Pfdn5	-1.59
Gprc5a	-1.59	Edg5	-1.56	Pinx1	-1.59
Gng11	-1.59	Epc2	-1.56	Pja2	-1.59
Gne	-1.59	Evi5	-1.56	Pmm2	-1.59
Flnb	-1.59	Gm1673	-1.56	Pygo1	-1.59
Ethe1	-1.59	Gng5	-1.56	Rabl5	-1.59
Dpm3	-1.59	Golga3	-1.56	Rgma	-1.59
Dleu2	-1.59	Grna	-1.56	Rhod	-1.59
D1Ertd251e	-1.59	Hoxc6	-1.56	Smoc2	-1.59
Cxcl4	-1.59	Jmjd3	-1.56	Smurf2	-1.59
Cxcl14	-1.59	Kctd15	-1.56	Stk23	-1.59
Cotl1	-1.59	Limd1	-1.56	Tgfb1	-1.59
Cmpk	-1.59	Lman1	-1.56	Tjap1	-1.59
Ciz1	-1.59	LOC269515	-1.56	Tyh3	-1.59
Cdon	-1.59	LOC381066	-1.56	Ubt1	-1.59
Cdc16	-1.59	LOC381658	-1.56	Zfp523	-1.59
Cam1	-1.59	LOC382707	-1.56	1110002E22Rik	-1.56
C630013N10Rik	-1.59	LOC382857	-1.56	1110014N23Rik	-1.56
C130027E04Rik	-1.59	Ltbr	-1.56	1110065D03Rik	-1.56
Btd3	-1.59	Ly96	-1.56	1700022J01Rik	-1.56
AW538196	-1.59	Mafg	-1.56	2010316F05Rik	-1.56
Arpp19	-1.59	Mocs1	-1.56	2310047L21Rik	-1.56
Alg5	-1.59	mt-Co2	-1.56	2410112O06Rik	-1.56
AI837181	-1.59	Mxra8	-1.56	2610524G07Rik	-1.56
AI316807	-1.59	Prdx5	-1.56	2810410D24Rik	-1.56
A130092J06Rik	-1.59	Rad9	-1.56	5730509K17Rik	-1.56
5830409B07Rik	-1.59	Renbp	-1.56	6330414G02Rik	-1.56
4932442K20Rik	-1.59	Rhoc	-1.56	6720460F02Rik	-1.56
3830421F03Rik	-1.59	Rnf14	-1.56	6720467C03Rik	-1.56
2810410A03Rik	-1.59	Rras	-1.56	6820449I09Rik	-1.56
2700088M22Rik	-1.59	Sall2	-1.56	A630098G22Rik	-1.56
2610014I16Rik	-1.59	sci0001345.1_85	-1.56	Arpc1a	-1.56
2410019G02Rik	-1.59	sci0002558.1_69	-1.56	BC008103	-1.56
2410001H17Rik	-1.59	Sdc2	-1.56	BC034090	-1.56
2310058J06Rik	-1.59	Siat4a	-1.56	Bud31	-1.56
2310040A07Rik	-1.59	Stk17b	-1.56	Ccdc102a	-1.56
2310009N05Rik	-1.59	Tubb2b	-1.56	Cd63	-1.56
2210407N10Rik	-1.59	Txn2	-1.56	Cdk2ap1	-1.56
1700095N21Rik	-1.59	Vim	-1.56	Copeb	-1.56
1700020D05Rik	-1.59	Wbp2	-1.56	Cops2	-1.56
1500041J02Rik	-1.59	Zfp202	-1.56	Cstb	-1.56
1500005K14Rik	-1.59	Zfp449	-1.56	Dnajb10	-1.56
1190017O12Rik	-1.59	1700021K19Rik	-1.54	Foxd1	-1.56
1110028E10Rik	-1.59	1700129L13Rik	-1.54	Fxc1	-1.56
Zc3h7a	-1.56	2610001E17Rik	-1.54	Gpr1	-1.56
Vcam1	-1.56	2610020H15Rik	-1.54	Gprasp2	-1.56
Ube2l6	-1.56	2610510L01Rik	-1.54	Gstz1	-1.56
Tug1	-1.56	2810004A10Rik	-1.54	Hn11	-1.56
Tnfrsf5	-1.56	3110005G23Rik	-1.54	Hoxa11s	-1.56
Tmem35	-1.56	4930477M19	-1.54	Hoxb2	-1.56
Tmem134	-1.56	5830435K17Rik	-1.54	Ipo9	-1.56
Tmem126a	-1.56	6030411F23Rik	-1.54	Jag1	-1.56
Tceb3	-1.56	6330407D12Rik	-1.54	Kctd5	-1.56
Stx5a	-1.56	A230102O09Rik	-1.54	Lepret2	-1.56
Smad2	-1.56	A730011F23Rik	-1.54	Lhfp12	-1.56
Slc8a1	-1.56	A930001D11Rik	-1.54	Mic211	-1.56
Slc6a6	-1.56	Abcd1	-1.54	Mical1	-1.56
Slc25a25	-1.56	AI317223	-1.54	Mrp148	-1.56
Serf2	-1.56	AI551093	-1.54	Mtps7	-1.56
sci000416.1_19	-1.56	AI591529	-1.54	Ncf4	-1.56
Sc4mol	-1.56	AW822216	-1.54	Ndufs8	-1.56
Rnase4	-1.56	B230339H12Rik	-1.54	Nfkb1	-1.56
Rela	-1.56	BC035291	-1.54	Nt5m	-1.56
Pxx	-1.56	Btd6	-1.54	Otub1	-1.56
Pthr1	-1.56	C430014K11Rik	-1.54	Paip1	-1.56
Plprz1	-1.56	Cdc42bbp	-1.54	Pank2	-1.56

Pitrm1	-1.56	Ceecam1	-1.54	Pccb	-1.56
Pik3r3	-1.56	Centg2	-1.54	Pcdh17	-1.56
ORF18	-1.56	Copa	-1.54	Ppp2r1a	-1.56
Myd116	-1.56	Cyp20a1	-1.54	Ptprv	-1.56
Mbc2	-1.56	D11Ert4730e	-1.54	Ramp1	-1.56
Lpxn	-1.56	D2Bwg1423e	-1.54	Rnf103	-1.56
LOC278188	-1.56	Dcun1d2	-1.54	scl0003547_1_6	-1.56
LOC224732	-1.56	Dyrk1a	-1.54	scl0003651_1_17	-1.56
Lemd2	-1.56	Dyrk2	-1.54	scl0003828.1_8	-1.56
Laptm4a	-1.56	E430036i04Rik	-1.54	scl0003976.1_30	-1.56
Klh17	-1.56	Elac1	-1.54	Snrpa	-1.56
Il11ra2	-1.56	Elov15	-1.54	Ssbp3	-1.56
Hlx1	-1.56	Gch1	-1.54	Stxbp1	-1.56
Gabarap	-1.56	Gipc1	-1.54	Tbl1x	-1.56
Fmnl3	-1.56	H2-T23	-1.54	Tdrkh	-1.56
Fads2	-1.56	Isg20	-1.54	Timm8b	-1.56
Emr1	-1.56	Kif3a	-1.54	Tnfrsf5	-1.56
Elov14	-1.56	Leng1	-1.54	Tnks1bp1	-1.56
Ei24	-1.56	Lingo2	-1.54	Trim63	-1.56
Eda2r	-1.56	LOC380712	-1.54	Ttll11	-1.56
Dusp1	-1.56	LOC383010	-1.54	Vegfb	-1.56
D10Ert4641e	-1.56	LOC383850	-1.54	Vkorc11	-1.56
Cx3cl1	-1.56	Lrrc4	-1.54	Wdt3-pending	-1.56
Ctcf1	-1.56	Map3k3	-1.54	XEDAR EDA-A2R	-1.56
Cspg4	-1.56	Mfap5	-1.54	Zc3h14	-1.56
Cdc42ep2	-1.56	Mospd1	-1.54	Zcchc8	-1.56
Cdc42bpb	-1.56	Mtpn	-1.54	1300010A20Rik	-1.54
Cd151	-1.56	Nagk	-1.54	1500004F05Rik	-1.54
Cd14	-1.56	Napa	-1.54	1500011H22Rik	-1.54
Ccng1	-1.56	Odz4	-1.54	1810017G16Rik	-1.54
Bhlhb9	-1.56	P4ha3	-1.54	2310007D07Rik	-1.54
Aup1	-1.56	Palm	-1.54	2310014F06Rik	-1.54
Arfp1	-1.56	Pcnx	-1.54	2310045B01Rik	-1.54
A1448196	-1.56	Pcy11a	-1.54	2410011G03Rik	-1.54
Acot7	-1.56	Phida3	-1.54	2410016F01Rik	-1.54
Abhd1	-1.56	Pip5k2c	-1.54	2610002M06Rik	-1.54
9430063L05Rik	-1.56	Prickle1	-1.54	2610208M17Rik	-1.54
9030408N13Rik	-1.56	Psap	-1.54	2610312F20Rik	-1.54
4933428G20Rik	-1.56	Psat1	-1.54	2900070E19Rik	-1.54
4632417K02	-1.56	Ptprd	-1.54	4833426H15Rik	-1.54
2900070E19Rik	-1.56	Rab39b	-1.54	5830457O10Rik	-1.54
2810405F04Rik	-1.56	Scyl1	-1.54	6530401116Rik	-1.54
2610205H19Rik	-1.56	Siat5	-1.54	A130029H05Rik	-1.54
2510022D24Rik	-1.56	Sirt1	-1.54	A230057M07Rik	-1.54
2510010F15Rik	-1.56	Slc16a4	-1.54	A330066M24Rik	-1.54
2310015N21Rik	-1.56	Snapap	-1.54	Amigo3	-1.54
2310004N11Rik	-1.56	Spag9	-1.54	Ap1m1	-1.54
2010321I05Rik	-1.56	Spg20	-1.54	Aspscr1	-1.54
1810011E08Rik	-1.56	Stx6	-1.54	AV028368	-1.54
1500031A17Rik	-1.56	Thap7	-1.54	B130053I10Rik	-1.54
1110018J23Rik	-1.56	Thbd	-1.54	Bcl7a	-1.54
Vrk2	-1.54	Tnc	-1.54	Brd2	-1.54
Tubb2b	-1.54	Tnk2	-1.54	Brd3	-1.54
Tssc4	-1.54	Trex1	-1.54	C78915	-1.54
Tnrc6	-1.54	Ube2a	-1.54	Capn2	-1.54
Tmem60	-1.54	Wig1	-1.54	Cbx8	-1.54
Tmem24	-1.54	Zfp361	-1.54	Ccong1	-1.54
Tmed3	-1.54	Zfp496	-1.54	Cdc5l	-1.54
Tex27	-1.54	Zfp524	-1.54	Cdr2	-1.54
Stard13	-1.54	0610039G24Rik	-1.52	Chm3	-1.54
Ssr3	-1.54	1110001A23Rik	-1.52	Cnih	-1.54
Snx4	-1.54	1700022N24Rik	-1.52	Crts1	-1.54
Slc30a7	-1.54	1700038P13Rik	-1.52	D14Ert449e	-1.54
Siah1a	-1.54	2010011I20Rik	-1.52	D230010H24Rik	-1.54
Rarb	-1.54	2310043N13Rik	-1.52	Dab2	-1.54
Prickle1	-1.54	2310079P12Rik	-1.52	Dio3	-1.54
Prdx4	-1.54	2610318I18Rik	-1.52	Dleu2	-1.54
Ppib	-1.54	3930401E15Rik	-1.52	End2	-1.54
Plagl2	-1.54	4930487N19Rik	-1.52	Fbxl12	-1.54
Pfc	-1.54	4933407N01Rik	-1.52	Flt1	-1.54
Peg13	-1.54	9430080K19Rik	-1.52	Fscn1	-1.54
Pappa	-1.54	Aldh18a1	-1.52	Funcd1	-1.54

P4hb	-1.54	Anpep	-1.52	Gna12	-1.54
Myom1	-1.54	Atp1b1	-1.52	Gusb	-1.54
mt-Nd5	-1.54	AW548124	-1.52	Hnrpk	-1.54
Maea	-1.54	B830028P19Rik	-1.52	Igsf10	-1.54
Ltbr	-1.54	B930066N23Rik	-1.52	Kifc1	-1.54
Lrrfip1	-1.54	BC013667	-1.52	Kras2	-1.54
Lrp6	-1.54	Bcar1	-1.52	Krt10	-1.54
LOC381285	-1.54	Bet1l	-1.52	Lhfp	-1.54
Lhfp12	-1.54	Btbd14a	-1.52	LOC241944	-1.54
Hoxd8	-1.54	C630029K18Rik	-1.52	LOC385177	-1.54
Gbif	-1.54	Crry	-1.52	Ly96	-1.54
Gata6	-1.54	D130027M04Rik	-1.52	Mtge8	-1.54
Galnt1	-1.54	D630014A15Rik	-1.52	Mpdu1	-1.54
Fut8	-1.54	D6ErtD245e	-1.52	Mrs6	-1.54
Fis1	-1.54	Dlg3	-1.52	Nck2	-1.54
End2	-1.54	Dnajc4	-1.52	Nppa	-1.54
E130306M17Rik	-1.54	E130306F01Rik	-1.52	Parva	-1.54
Dtnbp1	-1.54	Fbxo38	-1.52	Pbxip1	-1.54
Dscr111	-1.54	Fchsd2	-1.52	Pgf	-1.54
Dnajb10	-1.54	Fez1	-1.52	Ppp2r2d	-1.54
D10ErtD438e	-1.54	Fgfr2	-1.52	Prkaca	-1.54
Csrp3	-1.54	Fli1	-1.52	Rgs16	-1.54
Csrp2	-1.54	Gna12	-1.52	Sca1	-1.54
Csnk1e	-1.54	H2-Q7	-1.52	Slc8a1	-1.54
Col9a2	-1.54	LOC242051	-1.52	Snrpb	-1.54
Cd1d1	-1.54	LOC269542	-1.52	Socs4	-1.54
Cbln1	-1.54	LOC270157	-1.52	Spc25	-1.54
Cbfb	-1.54	LOC385177	-1.52	Supt4h2	-1.54
Calu	-1.54	Mapk9	-1.52	Tcrb-V13	-1.54
C78915	-1.54	Mbd5	-1.52	U2af1-rs2	-1.54
C78339	-1.54	Meis1	-1.52	Upf3a	-1.54
C030046E11Rik	-1.54	Mfap1b	-1.52	Zfp36	-1.54
Bmpr1a	-1.54	Micall2	-1.52	Zfp537	-1.54
Bmp1	-1.54	Mocs2	-1.52	0610009B14Rik	-1.52
Bcl9l	-1.54	Nedd4l	-1.52	0710005M24Rik	-1.52
Atp6v0a2	-1.54	Nxn	-1.52	1110059P08Rik	-1.52
Aldh18a1	-1.54	Pldn	-1.52	1500019G21Rik	-1.52
Akt3	-1.54	Plekhc1	-1.52	1810020D17Rik	-1.52
Acsl5	-1.54	Podn	-1.52	1810043H04Rik	-1.52
A930016P21Rik	-1.54	Ppgeb	-1.52	2210008N01Rik	-1.52
A830030H10Rik	-1.54	Ppt1	-1.52	2210016F16Rik	-1.52
A630084D02Rik	-1.54	Ptpn21	-1.52	2310004I24Rik	-1.52
A430106H13Rik	-1.54	Rab22a	-1.52	2510010F15Rik	-1.52
A030004J04Rik	-1.54	Rbm15	-1.52	2810453L12Rik	-1.52
9430080K19Rik	-1.54	scl000057.1_28_REVCOMP	-1.52	2900002H16Rik	-1.52
6720458D17Rik	-1.54	scl0001419.1_32	-1.52	3100004P22Rik	-1.52
6430590I03Rik	-1.54	Sec23a	-1.52	3110048E14Rik	-1.52
5930434B04Rik	-1.54	Selk	-1.52	4833427B12Rik	-1.52
4733401O04Rik	-1.54	Sh2bp1	-1.52	9330158N06Rik	-1.52
2900008M13Rik	-1.54	Slc4a2	-1.52	A930001D11Rik	-1.52
2410127E18Rik	-1.54	Soat2	-1.52	A930021H16Rik	-1.52
2310004N24Rik	-1.54	Sui1-rs1	-1.52	Acsl3	-1.52
1700052K11Rik	-1.54	Tgfb3	-1.52	Alcam	-1.52
1300002F13Rik	-1.54	Tm4sf10	-1.52	Angel2	-1.52
1200009I06Rik	-1.54	Tm7sf1	-1.52	Anxa1	-1.52
Zmpste24	-1.52	Tmem136	-1.52	Ap2b1	-1.52
Zfp148	-1.52	Tmem49	-1.52	Arid5b	-1.52
Vamp2	-1.52	Tpbp	-1.52	Atp5o	-1.52
Ube2m	-1.52	Trp53inp2	-1.52	Avpr1a	-1.52
Ttc8	-1.52	Txnip	-1.52	Baalc	-1.52
Traf5	-1.52	Wsb2	-1.52	BC011248	-1.52
Tnfrif8	-1.52	Xbp1	-1.52	Bcap31	-1.52
Tnfrif3	-1.52	Zc3hdc6	-1.52	Brd9	-1.52
Tm4sf8	-1.52	Zdhc8	-1.52	Ccne2	-1.52
Thtpa	-1.52	4933426M11Rik	-1.49	Clic1	-1.52
Tec	-1.52	9130422G05Rik	-1.49	Col23a1	-1.52
Tceal3	-1.52	A930002H24Rik	-1.49	Commd3	-1.52
Synj2bp	-1.52	Akr1e1	-1.49	Csrp3	-1.52
Sprb2	-1.52	AW555464	-1.49	Cul7	-1.52
Snx21	-1.52	Chic2	-1.49	Cxcr4	-1.52
Smad1	-1.52	Coq10b	-1.49	Cyba	-1.52
Siah2	-1.52	D11Lgp2e	-1.49	D3Uclt1	-1.52

Shoc2	-1.52	Dstn	-1.49	D430019H16Rik	-1.52
Sgca	-1.52	Gng10	-1.49	Dusp23	-1.52
Sav1	-1.52	Hoxb5	-1.49	Edg2	-1.52
S100a15	-1.52	Lgi2	-1.49	Egr3	-1.52
Rrad	-1.52	ORF19	-1.49	Fbxw17	-1.52
Polydom	-1.52	Slc29a3	-1.49	G431001E03Rik	-1.52
Plekhf1	-1.52	Spg4	-1.49	Glt8d2	-1.52
Pip5k1b	-1.52			Gpc6	-1.52
P4ha2	-1.52			Gsc	-1.52
Nkiras2	-1.52			Ict1	-1.52
Ndufc2	-1.52			Isl1	-1.52
Mrp63	-1.52			LOC226017	-1.52
Lrm3	-1.52			LOC232879	-1.52
Lrp10	-1.52			LOC236371	-1.52
LOC269941	-1.52			LOC328703	-1.52
LOC234582	-1.52			LOC382162	-1.52
LOC209281	-1.52			LOC382585	-1.52
Jag1	-1.52			Med6	-1.52
Itgb1	-1.52			Mgrn1	-1.52
Hspa5	-1.52			Mrs11	-1.52
Hpgd	-1.52			Nab2	-1.52
Hoxb4	-1.52			Ndst2	-1.52
Hoxa2	-1.52			Ndufa9	-1.52
Hbb-b1	-1.52			Nfic	-1.52
Glt8d1	-1.52			Pcdh20	-1.52
Fstl3	-1.52			Pcyt1a	-1.52
Evl	-1.52			Pdlim7	-1.52
Etfdh	-1.52			Pitx3	-1.52
Ephb4	-1.52			Plac9	-1.52
Emd	-1.52			Ppp1ca	-1.52
E130306F01Rik	-1.52			Psmc5	-1.52
Dlst	-1.52			Ptgis	-1.52
Dazap2	-1.52			Purb	-1.52
D630010B17Rik	-1.52			Rab33b	-1.52
Copb2	-1.52			Rarb	-1.52
Cnot6	-1.52			Rcbtb2	-1.52
Cno	-1.52			Rce1	-1.52
Casp7	-1.52			Rnf141	-1.52
C77604	-1.52			Sepn1	-1.52
C76566	-1.52			Serping1	-1.52
Bmi1	-1.52			Skp2	-1.52
BC026744	-1.52			Slc2a10	-1.52
Bax	-1.52			Slc4a7	-1.52
Arl4c	-1.52			Smyd5	-1.52
Ambp	-1.52			Snrpd3	-1.52
Aldh1a2	-1.52			Snx4	-1.52
Acaa2	-1.52			Stub1	-1.52
A330103N21Rik	-1.52			Sypl	-1.52
9130227C08Rik	-1.52			Tes	-1.52
9130201F22Rik	-1.52			Thoc6	-1.52
5031439A09Rik	-1.52			Tmem108	-1.52
4933433P14Rik	-1.52			Tox	-1.52
4933427D14Rik	-1.52			Trf	-1.52
4930477M19	-1.52			Ube2l6	-1.52
4930432O21Rik	-1.52			Zfp90	-1.52
3930401E15Rik	-1.52			Zfpm1	-1.52
2610319K07Rik	-1.52			1110012L19Rik	-1.49
2610312F20Rik	-1.52			3110040N11Rik	-1.49
2610307O08Rik	-1.52			4930471O16Rik	-1.49
2610024M03Rik	-1.52			5730408I21Rik	-1.49
2600014M03Rik	-1.52			Acaa2	-1.49
2410026K10Rik	-1.52			Acat2	-1.49
2400003C14Rik	-1.52			BC037708	-1.49
2310009B15Rik	-1.52			C330027G06Rik	-1.49
2210417J20Rik	-1.52			Chst8	-1.49
1810058I24Rik	-1.52			Cspg2	-1.49
1810009H17Rik	-1.52			Map3k3	-1.49
1300010A20Rik	-1.52			Nog	-1.49
1110067L22Rik	-1.52			Pmf1	-1.49
1110065P20Rik	-1.52			Prkca	-1.49
1110004P15Rik	-1.52			scl0003998.1_329	-1.49
1110003E01Rik	-1.52			Sdc1	-1.49

0710005M24Rik	-1.52
0610011F06Rik	-1.52
Vamp3	-1.49
Sprr1b	-1.49
scl0004175.1_57	-1.49
Ptxnb2	-1.49
Nrbp	-1.49
Ly96	-1.49
LOC243268	-1.49
Il13ra1	-1.49
Hs2st1	-1.49
Efs	-1.49
Cx3cr1	-1.49
Cd96	-1.49
Cbx8	-1.49
Car3	-1.49
C130086A10	-1.49
9930013B11Rik	-1.49
6430527G18Rik	-1.49



Vertical line 1

Vertical line 2

Vertical line 3

Vertical line on the left side of the page.

Vertical line on the right side of the page.







OFKT	Fold vs MEF	OFLT	Fold vs MEF
Actg2	-100.00	Myi4	-100.00
Myi4	-100.00	Myipf	-100.00
Acta1	-50.00	Tnnc1	-100.00
Actc1	-50.00	Acta1	-50.00
Myl1	-50.00	Actc1	-50.00
Myipf	-50.00	Actg2	-50.00
Tnnt1	-50.00	Myl1	-50.00
Ctgf	-33.33	Myh3	-33.33
Igf2	-33.33	2700031B12Rik	-16.67
Myh3	-33.33	Actn2	-16.67
Tnnc1	-33.33	Crabp1	-16.67
Igfbp5	-25.00	Igf2	-16.67
LOC380980	-25.00	Laptn5	-16.67
Acta2	-20.00	Tnnt1	-16.67
Actn2	-20.00	Acta2	-14.29
Fst	-20.00	Chrna1	-14.29
Inhba	-20.00	Ckb	-14.29
Myl9	-20.00	Gap43	-14.29
Ndn	-20.00	Tnnc2	-14.29
1110032E23Rik	-16.67	Atp2a1	-12.50
Des	-16.67	Lrrc17	-12.50
Fxyd6	-16.67	Lyz	-12.50
Mdk	-16.67	Cdkn1a	-11.11
Adam19	-14.29	H19	-11.11
Ankrd1	-14.29	Itm2a	-11.11
Chma1	-14.29	Dpysl3	-10.00
Col8a1	-14.29	Emcn	-10.00
Fhl1	-14.29	LOC380980	-10.00
Tnnc2	-14.29	Lrm1	-10.00
Gap43	-12.50	Prss19	-10.00
Mest	-12.50	Tnni1	-10.00
H19	-11.11	Trim72	-10.00
Myik	-11.11	6330403K07Rik	-9.09
Nes	-11.11	Ccng1	-9.09
Atp2a1	-10.00	Il1r1	-9.09
B230104P22Rik	-10.00	Inhba	-9.09
Emcn	-10.00	Lrrc15	-9.09
LOC381283	-10.00	Phlda3	-9.09
Tnfrsf11b	-10.00	Ccnd2	-8.33
Tnni1	-10.00	Cdkn1c	-8.33
Trim72	-10.00	LOC212399	-8.33
Il1r1	-9.09	LOC381283	-8.33
Lrrc17	-9.09	1110033J19Rik	-7.69
Lrm1	-9.09	Ass1	-7.69
Phlda1	-9.09	Crtf1	-7.69
Tnc	-9.09	Ctsk	-7.69
Tuba1	-9.09	Des	-7.69
Tuba1a	-9.09	Tnni2	-7.69
6330403K07Rik	-8.33	Col2a1	-7.14
D0H4S114	-8.33	Emid2	-7.14
Lrrc15	-8.33	Fst	-7.14
Plk2	-8.33	Ly6a	-7.14
Rgs4	-8.33	Mybph	-7.14
Tfrc	-8.33	Rgs4	-7.14
C1qtnf3	-7.69	scl000959.1_2	-7.14
C920027118Rik	-7.69	1190002C06Rik	-6.67
Ckb	-7.69	Col7	-6.67
Dtr	-7.69	Cdh15	-6.67
Emid2	-7.69	Chst2	-6.67
Fgf7	-7.69	Glpr1	-6.67
Igfbp2	-7.69	Twist2	-6.67
LOC212399	-7.69	Lyzs	-6.25
Pkia	-7.69	Mfap4	-6.25
Sulf1	-7.69	Sdc3	-6.25
Akap12	-7.14	Snurf	-6.25
Ccnd2	-7.14	Srpx2	-6.25
Col2a1	-7.14	3300005D01Rik	-5.88
Gas6	-7.14	9130213B05Rik	-5.88
Rgs16	-7.14	Col18a1	-5.88

scl000959.1_2	-7.14	Mmp9	-5.88
Atp1b1	-6.67	Ccnd1	-5.56
BC049816	-6.67	Glipr2	-5.56
Bmp4	-6.67	Gpr23	-5.56
Chst2	-6.67	Hist1h3b	-5.56
Fabp3	-6.67	Hist1h3e	-5.56
Olfml2b	-6.67	LOC245892	-5.56
Sdc3	-6.67	Sct	-5.56
Tes	-6.67	Adam19	-5.26
3000002B06Rik	-6.25	Ak1	-5.26
Armxc2	-6.25	Arhgdib	-5.26
Ccng1	-6.25	Cxcl14	-5.26
Cdh15	-6.25	Efs	-5.26
Fos	-6.25	Fxyd5	-5.26
Gpx7	-6.25	Gsto1	-5.26
Irak2	-6.25	Hist2h2be	-5.26
Rhoe	-6.25	Myod1	-5.26
Tnfrsf12a	-6.25	Pcolce2	-5.26
0610041G09Rik	-5.88	Plac8	-5.26
2700031B12Rik	-5.88	Sox11	-5.26
Cdkn1c	-5.88	Tnnt3	-5.26
Coq10b	-5.88	A630084D02Rik	-5.00
Gpr23	-5.88	Cd40	-5.00
LOC328703	-5.88	Col6a3	-5.00
Mcam	-5.88	D10Ert438e	-5.00
Mybph	-5.88	Hba-a1	-5.00
Myod1	-5.88	Mb	-5.00
Peg3	-5.88	Rgs16	-5.00
scl0001849.1_2273	-5.88	Rnu6	-5.00
Sdpr	-5.88	Bax	-4.76
Srxp2	-5.88	Cd248	-4.76
Tubb2b	-5.88	Hist1h2bf	-4.76
Wisp1	-5.88	Hist1h2bh	-4.76
2900073G15Rik	-5.56	Hist1h2bk	-4.76
9130213B05Rik	-5.56	Mdk	-4.76
Actn1	-5.56	Tnfrsf11b	-4.76
Fhl2	-5.56	Vim	-4.76
Glipr1	-5.56	1500009L16Rik	-4.55
Mfap4	-5.56	F2r11	-4.55
Mmp9	-5.56	Fabp3	-4.55
Sct	-5.56	Hbb-y	-4.55
Serpina3h	-5.56	Hey1	-4.55
5033430115Rik	-5.26	Hist1h3a	-4.55
Bex4	-5.26	Igfb1bp1	-4.55
Ch25h	-5.26	Krt1-14	-4.55
Crf1	-5.26	Ndn	-4.55
Dpysl3	-5.26	Pdir	-4.55
Esm1	-5.26	Pdlim3	-4.55
Flrt3	-5.26	Snrpn	-4.55
Mb	-5.26	Tagln2	-4.55
Pdlim1	-5.26	Tm4sf6	-4.55
Prss35	-5.26	2210415M20Rik	-4.35
Rnf130	-5.26	Cdc34	-4.35
Sox9	-5.26	Dtr	-4.35
Tgfb3	-5.26	Hebp1	-4.35
Tm4sf6	-5.26	Hist1h2bp	-4.35
1500009L16Rik	-5.00	Prkocdbp	-4.35
A730054J21Rik	-5.00	C1qb	-4.17
Cnn2	-5.00	Ednra	-4.17
Hba-a1	-5.00	Eif4e2	-4.17
Meox1	-5.00	Esm1	-4.17
Pea15	-5.00	Hist1h2bm	-4.17
Tyms-ps	-5.00	Nes	-4.17
Ccl2	-4.76	Ngfb	-4.17
Cdc34	-4.76	Prrx1	-4.17
Dusp6	-4.76	S100a4	-4.17
Flt1	-4.76	Serpina3h	-4.17
Fscn1	-4.76	Sh3kbp1	-4.17
Hey1	-4.76	Sloca41	-4.17
Hrmt111	-4.76	Tgfb1i1	-4.17
Palld	-4.76	1810023B24Rik	-4.00
Prmt2	-4.76	Agpt2	-4.00

Ptx3	-4.76	Chst7	-4.00
Rab15	-4.76	Fjx1	-4.00
Reprimo	-4.76	Ptrf	-4.00
scl0002956.1_592	-4.76	Reprimo	-4.00
Unc5b	-4.76	Sec23a	-4.00
Cdc42ep3	-4.55	Serinc2	-4.00
Etv4	-4.55	Tceal7	-4.00
Megf10	-4.55	4930443F05Rik	-3.85
Mthfd2	-4.55	Emd	-3.85
Nuak1	-4.55	Hes1	-3.85
Pes1	-4.55	Hist1h2bl	-3.85
Silco4a1	-4.55	Wdt3-pending	-3.85
Tnnt3	-4.55	1110007M04Rik	-3.70
Uchl1	-4.55	2900070E19Rik	-3.70
Wnt5a	-4.55	5330417K06Rik	-3.70
2410003B16Rik	-4.35	Bcat1	-3.70
Anxa3	-4.35	Cav1	-3.70
Ccrn4l	-4.35	Dcxr	-3.70
Cdk5r1	-4.35	Hes6	-3.70
Ddah1	-4.35	Hist1h3d	-3.70
Ednra	-4.35	Hist1h4a	-3.70
Grb10	-4.35	Igf2bp3	-3.70
Hbb-y	-4.35	Myi9	-3.70
LOC381795	-4.35	Rps27l	-3.70
Prkg2	-4.35	scl0001978.1_6	-3.70
Rbp1	-4.35	Snx7	-3.70
scl0001163.1_8	-4.35	Sulf2	-3.70
1500031H04Rik	-4.17	Tuba1a	-3.70
Arl4c	-4.17	4833412C05Rik	-3.57
Bax	-4.17	6230427J02Rik	-3.57
Chst7	-4.17	Csrp1	-3.57
Cox6a2	-4.17	Ercc1	-3.57
Cycs	-4.17	Gnb1	-3.57
Dkk3	-4.17	Hist1h2ah	-3.57
Gtse1	-4.17	Hist1h2bn	-3.57
Kras2	-4.17	Hoxd10	-3.57
Mip	-4.17	LOC228003	-3.57
Ncam1	-4.17	Plau	-3.57
Pdlim3	-4.17	Pthr1	-3.57
Snx7	-4.17	Rab32	-3.57
Wsb2	-4.17	Tmem46	-3.57
9630037P07Rik	-4.00	2610018L09Rik	-3.45
Bex2	-4.00	Cdc42ep5	-3.45
Creld2	-4.00	Cnn2	-3.45
Hic1	-4.00	Fkhl18	-3.45
Iitm2a	-4.00	Fos	-3.45
Ngfb	-4.00	LOC333744	-3.45
Rasl11b	-4.00	LOC383189	-3.45
Snx11	-4.00	LOC384315	-3.45
Tceal7	-4.00	Meox1	-3.45
Tgfb1i4	-4.00	Meox2	-3.45
Tyms	-4.00	Myog	-3.45
A1448196	-3.85	Nptx2	-3.45
Alcam	-3.85	Nsdhl	-3.45
Cryab	-3.85	Rrm2	-3.45
Dner	-3.85	Sec61b	-3.45
Fen1	-3.85	Tubb2b	-3.45
Gata3	-3.85	Vegfc	-3.45
Has2	-3.85	1810011E08Rik	-3.33
Hoxd10	-3.85	2010007E07Rik	-3.33
Lgals1	-3.85	2310047D13Rik	-3.33
Lmcd1	-3.85	3110018A08Rik	-3.33
LOC240672	-3.85	5033430I15Rik	-3.33
Noc4	-3.85	Actn4	-3.33
Pdrg1	-3.85	Bcl2a1b	-3.33
Rbmx	-3.85	Capn2	-3.33
scl0003073.1_164	-3.85	Capn1	-3.33
scl0003781.1_22	-3.85	Cond3	-3.33
Smoc1	-3.85	Fez2	-3.33
Sox11	-3.85	Flt1	-3.33
Tmem46	-3.85	H47	-3.33
Tpm1	-3.85	Hist1h2ak	-3.33



Vegfc	-3.85	Igfbp5	-3.33
1700018O18Rik	-3.70	Lmna	-3.33
1810008K03Rik	-3.70	LOC382215	-3.33
2810022L02Rik	-3.70	scl0003187.1_40	-3.33
4833412C05Rik	-3.70	Stfa1	-3.33
6530401D17Rik	-3.70	1810014L12Rik	-3.23
9930105H17Rik	-3.70	2310016E02Rik	-3.23
C1qb	-3.70	2310061A22Rik	-3.23
C77604	-3.70	3110054C06Rik	-3.23
Cd40	-3.70	BC054438	-3.23
Chrb1	-3.70	Ckifs4	-3.23
Cugbp2	-3.70	Eln	-3.23
Cxcl12	-3.70	Fhl1	-3.23
Ddit4l	-3.70	Foxc2	-3.23
Fath	-3.70	Gjb2	-3.23
Foxc2	-3.70	Hint3	-3.23
LOC223594	-3.70	Hist1h1c	-3.23
LOC228003	-3.70	Hist1h2bj	-3.23
LOC385454	-3.70	Myom3	-3.23
Myl6	-3.70	Ncam1	-3.23
Nme1	-3.70	Pgam2	-3.23
Nrp	-3.70	Pvrl3	-3.23
Rrm2	-3.70	Rhoa	-3.23
Slc24a3	-3.70	Sdf2l1	-3.23
Tm4sf1	-3.70	Thy1	-3.23
2410005K17Rik	-3.57	Ttr	-3.23
4930443F05Rik	-3.57	Zcchc5	-3.23
6720458F09Rik	-3.57	2700055K07Rik	-3.13
Cdo1	-3.57	4732481H14Rik	-3.13
Dusp1	-3.57	Arpc4	-3.13
Gm22	-3.57	B3gnt5	-3.13
Laptm5	-3.57	Ccne1	-3.13
Lmyc1	-3.57	Cd44	-3.13
LOC382020	-3.57	Cldn4	-3.13
Lor	-3.57	Col8a1	-3.13
Mdm2	-3.57	Dad1	-3.13
Myog	-3.57	Kcne1l	-3.13
Nptx2	-3.57	LOC328703	-3.13
Prkg1	-3.57	LOC381683	-3.13
scl000418.1_42	-3.57	LOC383897	-3.13
Sec13l1	-3.57	Mobkl2a	-3.13
9330107J05Rik	-3.45	Myh8	-3.13
Actb	-3.45	Peg3	-3.13
Agpl2	-3.45	Pomt2	-3.13
Cdkn2b	-3.45	Ptla	-3.13
Cyr61	-3.45	scl0003781.1_22	-3.13
E230011E21Rik	-3.45	scl0015365.1_6	-3.13
Gm1673	-3.45	Snrpa1	-3.13
LOC382063	-3.45	Tceal8	-3.13
Mmp23	-3.45	Tmem47	-3.13
Mobkl2a	-3.45	1110002H13Rik	-3.03
Mrpl20	-3.45	1110032E23Rik	-3.03
Pappa	-3.45	2510015F01Rik	-3.03
Pomt2	-3.45	4833429E21Rik	-3.03
Sort1	-3.45	9630037P07Rik	-3.03
Tnni2	-3.45	A530030G15Rik	-3.03
Ugalt2	-3.45	Anxa6	-3.03
Zcchc5	-3.45	Arl4c	-3.03
1110002H13Rik	-3.33	Arpc3	-3.03
1500001L03Rik	-3.33	Bin1	-3.03
1810003N24Rik	-3.33	Casq2	-3.03
2410022L05Rik	-3.33	Cd109	-3.03
2610200O14Rik	-3.33	Cyp51	-3.03
Arf2	-3.33	D730042P09Rik	-3.03
B3gnt5	-3.33	Dner	-3.03
BC011487	-3.33	Fkbp10	-3.03
Ccl7	-3.33	Flrt3	-3.03
Cdr2	-3.33	Gtse1	-3.03
Dusp4	-3.33	Hist1h3i	-3.03
Gm1012	-3.33	Ilk	-3.03
Hras1	-3.33	Irgb1bp2	-3.03
LOC381633	-3.33	Mia1	-3.03

Lrrc59	-3.33	Pdlim5	-3.03
Mcm5	-3.33	Sh3glb1	-3.03
Pfn1	-3.33	Srm	-3.03
Rbm4	-3.33	I110002M09Rik	-2.94
Tceal5	-3.33	1500001L03Rik	-2.94
Thoc4	-3.33	1700113I22Rik	-2.94
Tspyl3	-3.33	1810003N24Rik	-2.94
Tr	-3.33	2510010F15Rik	-2.94
1110008P14Rik	-3.23	2810008M24Rik	-2.94
Arhgap24	-3.23	Cdk5r1	-2.94
B3bp	-3.23	Crabp2	-2.94
Ccne2	-3.23	Fxyd6	-2.94
Egr2	-3.23	Gadd45g	-2.94
Eif4e2	-3.23	Hspb3	-2.94
Flna	-3.23	Krt1-17	-2.94
Gnb4	-3.23	LOC237361	-2.94
Hist1h3b	-3.23	LOC381891	-2.94
Hspb3	-3.23	LOC382245	-2.94
Kcne1l	-3.23	Mustn1	-2.94
Kctd12	-3.23	Nrp	-2.94
Lasp1	-3.23	Rhoc	-2.94
ORF63	-3.23	Rtn4	-2.94
Schip1	-3.23	Sc4mol	-2.94
Ykt6	-3.23	Spp1	-2.94
2210021A15Rik	-3.13	Ubl4	-2.94
2310040A07Rik	-3.13	1110001A05Rik	-2.86
2810012G08Rik	-3.13	2010316F05Rik	-2.86
3222401M22Rik	-3.13	Adcy2	-2.86
6720475J19Rik	-3.13	Anxa5	-2.86
A4427515	-3.13	Capg	-2.86
BC031181	-3.13	Cyt11	-2.86
BC054438	-3.13	Dusp1	-2.86
Bud31	-3.13	Gpx3	-2.86
Csrp1	-3.13	Has2	-2.86
Erc1	-3.13	Homer2	-2.86
Fkhl18	-3.13	Kctd12	-2.86
Gdf15	-3.13	Kdelr3	-2.86
Jtv1	-3.13	Kras2	-2.86
Lrrc28	-3.13	LOC269859	-2.86
Myom3	-3.13	LOC329521	-2.86
Pinx1	-3.13	P2ry5	-2.86
Ranbp1	-3.13	Pinx1	-2.86
scl000057.1_28_REVCOMP	-3.13	scl0003073.1_164	-2.86
scl0002315.1_12	-3.13	Stmn2	-2.86
Tro	-3.13	Surb7	-2.86
Zic1	-3.13	Tfrc	-2.86
4833422F06Rik	-3.03	Vgll2	-2.86
5330417K06Rik	-3.03	Z310014H01Rik	-2.78
5730494M16Rik	-3.03	Z310067E08Rik	-2.78
6330415F13Rik	-3.03	2810407C02Rik	-2.78
9430029P12Rik	-3.03	2810437L13Rik	-2.78
AA407930	-3.03	Adora2b	-2.78
Anxa5	-3.03	Akap12	-2.78
Arpc4	-3.03	Ankrd50	-2.78
Cnn3	-3.03	Ap1s1	-2.78
Cyt11	-3.03	C1qg	-2.78
Igfbp3	-3.03	Cacna2d1	-2.78
Mia1	-3.03	Ddc	-2.78
Myh8	-3.03	Elovl6	-2.78
Psmc3ip	-3.03	Fkbp1a	-2.78
Psmc4	-3.03	Fxc1	-2.78
Psmc13	-3.03	Gja5	-2.78
scl0002855.1_1056	-3.03	Hic1	-2.78
Serinc2	-3.03	Hist1h4f	-2.78
Stx1a	-3.03	Hist1h4j	-2.78
Tceal8	-3.03	Hist2h2ab	-2.78
Tmem47	-3.03	Lims2	-2.78
Zyx	-3.03	LOC224732	-2.78
1100001M03Rik	-2.94	LOC225118	-2.78
1110033J19Rik	-2.94	LOC270491	-2.78
1810023B24Rik	-2.94	Mvd	-2.78
2210415K03Rik	-2.94	Nola2	-2.78

Aars	-2.94	Sh3bgrl3	-2.78
Adcy2	-2.94	Sri	-2.78
Ankrd50	-2.94	Sult4a1	-2.78
Bcar1	-2.94	XEDAR EDA-A2R	-2.78
Casq2	-2.94	1700012H17Rik	-2.70
Cdkn1a	-2.94	2310039E09Rik	-2.70
Dnajb11	-2.94	2510005D08Rik	-2.70
Gpc4	-2.94	6720458F09Rik	-2.70
Hist2h2be	-2.94	Bzw2	-2.70
Itgb1bp2	-2.94	Ccl2	-2.70
LOC382092	-2.94	D1Wsu40e	-2.70
Marcks	-2.94	D4Bwg0951e	-2.70
Moxd1	-2.94	E130112E08Rik	-2.70
Palmd	-2.94	Eif5a	-2.70
Pdlim7	-2.94	Fstl	-2.70
Psmc3	-2.94	Giud1	-2.70
scl0001978.1_6	-2.94	Hist1h4i	-2.70
scl0003092.1_40	-2.94	Hist2h2aa2	-2.70
Sertad1	-2.94	Hras1	-2.70
Adamts9	-2.86	Mrps6	-2.70
Asf1b	-2.86	Msn	-2.70
Asphd2	-2.86	Pdap1	-2.70
BC063749	-2.86	Pdgfa	-2.70
Cacna2d1	-2.86	scl0001276.1_18	-2.70
Cotl1	-2.86	scl0002786.1_3	-2.70
Dynl1	-2.86	Serpine2	-2.70
Gja5	-2.86	Sox10	-2.70
Hes6	-2.86	Tro	-2.70
Ilk	-2.86	1110019J04Rik	-2.63
Kcnab1	-2.86	1700095N21Rik	-2.63
Ldh2	-2.86	1810015M01Rik	-2.63
LOC383189	-2.86	Anxa2	-2.63
Pgam2	-2.86	AU02252	-2.63
scl0002786.1_3	-2.86	Bloc1s2	-2.63
Scx	-2.86	Cd3g	-2.63
Sox10	-2.86	Ckap1	-2.63
Tpm2	-2.86	Copeb	-2.63
1190005N23Rik	-2.78	Dok1	-2.63
2310004N11Rik	-2.78	E130203B14Rik	-2.63
AL024069	-2.78	E130306F01Rik	-2.63
Armcx1	-2.78	Eif4ebp2	-2.63
Beat1	-2.78	Gata3	-2.63
Birc5	-2.78	Gsn	-2.63
C030027H14Rik	-2.78	Hist1h2ad	-2.63
C1qtnf2	-2.78	Hist1h4m	-2.63
Cbln1	-2.78	Kcnk13	-2.63
Ckap1	-2.78	Lgals3	-2.63
Col18a1	-2.78	LOC269374	-2.63
Crsp8	-2.78	LOC331102	-2.63
D030034I04Rik	-2.78	Lum	-2.63
Edn1	-2.78	Ms4a6d	-2.63
Glipr2	-2.78	Ostf1	-2.63
Hist1h3e	-2.78	Pdrg1	-2.63
Jundm2	-2.78	Prrx2	-2.63
Nfyc	-2.78	Rangnrf	-2.63
Pdlim5	-2.78	Rbm9	-2.63
Plau	-2.78	Rnu3ip2	-2.63
Ptprd	-2.78	scl0001163.1_8	-2.63
Pvri3	-2.78	Spon2	-2.63
Txndc7	-2.78	Tcrb-V13	-2.63
Vgll2	-2.78	Vti1b	-2.63
1110007M04Rik	-2.70	1200013B22Rik	-2.56
1700012H17Rik	-2.70	1700018O18Rik	-2.56
2310039E09Rik	-2.70	2200002D01Rik	-2.56
3830430K15Rik	-2.70	2410005K17Rik	-2.56
Anxa1	-2.70	2900057D21Rik	-2.56
Bmper	-2.70	3000003G13Rik	-2.56
Ccne1	-2.70	AA408556	-2.56
D030026A21Rik	-2.70	AW120700	-2.56
Ddost	-2.70	BC051227	-2.56
Dp1	-2.70	Chst1	-2.56
Fndc5	-2.70	Col5a1	-2.56

G1p2	-2.70	Cryab	-2.56
Garnl3	-2.70	Eif2b2	-2.56
Igf1	-2.70	Gdf15	-2.56
Kcnk13	-2.70	Gpc1	-2.56
Lmnb1	-2.70	Klf13	-2.56
LOC271490	-2.70	Kremen2	-2.56
Mbd3	-2.70	LOC209281	-2.56
Mfap5	-2.70	Oprs1	-2.56
Nasp	-2.70	Pdlim1	-2.56
Popdc3	-2.70	Rac3	-2.56
Prdm4	-2.70	Rbm4	-2.56
Sfta1	-2.70	scl0002791.1_134	-2.56
Stk17b	-2.70	Scx	-2.56
Synpo	-2.70	Sh3yl1	-2.56
Tgfb2	-2.70	Slc38a4	-2.56
Znhit3	-2.70	Sphk1	-2.56
1700007K13Rik	-2.63	Sqle	-2.56
3110054C06Rik	-2.63	Tmem43	-2.56
4833427B12Rik	-2.63	Tmpit	-2.56
9430028L06Rik	-2.63	Wig1	-2.56
AA408556	-2.63	0610041G09Rik	-2.50
Atp6v0a2	-2.63	1300014I06Rik	-2.50
BC022687	-2.63	1600023A02Rik	-2.50
C130073O12Rik	-2.63	2210407N10Rik	-2.50
Cklfsf4	-2.63	2310003M01Rik	-2.50
Copeb	-2.63	2310008H09Rik	-2.50
Dncl1	-2.63	Acot7	-2.50
Ei24	-2.63	Adss	-2.50
Gli3	-2.63	Ankrd1	-2.50
Hist1h2ak	-2.63	Anxa1	-2.50
Hn11	-2.63	Blmh	-2.50
Kbtbd5	-2.63	Capzb	-2.50
Lims2	-2.63	Cbln1	-2.50
Mrps11	-2.63	Clecsf8	-2.50
Ncbp2	-2.63	Csrp2	-2.50
Psmc5	-2.63	Dpep1	-2.50
1500031N17Rik	-2.56	Fdps	-2.50
1600023A02Rik	-2.56	Gpnmb	-2.50
1700013A01Rik	-2.56	Gpx7	-2.50
2310003M01Rik	-2.56	Gnwd1	-2.50
2510010F15Rik	-2.56	Hist1h2bc	-2.50
6720458D17Rik	-2.56	LOC229810	-2.50
6720485C15Rik	-2.56	LOC380749	-2.50
Aldh4a1	-2.56	LOC384104	-2.50
Apoe	-2.56	Maea	-2.50
Asna1	-2.56	Megf10	-2.50
BC017647	-2.56	Mfap5	-2.50
C330023F11Rik	-2.56	Nipa1	-2.50
Cd97	-2.56	Pfn2	-2.50
Cklfsf3	-2.56	Pmm1	-2.50
D7Wsu128e	-2.56	Ppp6c	-2.50
Dnajb1	-2.56	Rhob	-2.50
Dstn	-2.56	Rtn2	-2.50
E130203B14Rik	-2.56	Siatf8b	-2.50
Eif4g2	-2.56	Ube2f	-2.50
F2r	-2.56	Vapb	-2.50
Fez2	-2.56	0610007J10Rik	-2.44
G630055P03Rik	-2.56	1810018P12Rik	-2.44
Gsto1	-2.56	1810063B05Rik	-2.44
Hist1h2ad	-2.56	2300002G24Rik	-2.44
Hist1h2ah	-2.56	2310008M10Rik	-2.44
Hist1h3a	-2.56	2310044G17Rik	-2.44
LOC218473	-2.56	2810022L02Rik	-2.44
LOC233401	-2.56	4930487N19Rik	-2.44
LOC234081	-2.56	6720458D17Rik	-2.44
Magoh	-2.56	A130092J06Rik	-2.44
Ndufa11	-2.56	A630096C01Rik	-2.44
Neurl	-2.56	Al427515	-2.44
Nudt11	-2.56	AL024069	-2.44
Pik3r3	-2.56	Ckap2	-2.44
Rftn2	-2.56	D7Rp2e	-2.44
Serpina3g	-2.56	Dicer1	-2.44

Siglec10	-2.56	Fndc5	-2.44
Smad2	-2.56	Gfp12	-2.44
Sox4	-2.56	Gm1012	-2.44
Tceb1	-2.56	Kbtbd5	-2.44
Usp39	-2.56	Lmod3	-2.44
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2400001E08Rik	-2.50	Mef2c	-2.44
2810003C17Rik	-2.50	Msx1	-2.44
4833439L19Rik	-2.50	Rapsn	-2.44
5330438E18Rik	-2.50	Rgs17	-2.44
A130092J06Rik	-2.50	Sat1	-2.44
A1316787	-2.50	Stmn4	-2.44
Arhgdib	-2.50	Txn14	-2.44
BC032967	-2.50	Ube2v1	-2.44
Bcl2a1b	-2.50	2010107E04Rik	-2.38
C1gg	-2.50	2310057D15Rik	-2.38
C79267	-2.50	2610012O22Rik	-2.38
Chodl	-2.50	9830166G06Rik	-2.38
Dbn1	-2.50	Adm	-2.38
Hsp105	-2.50	BC011248	-2.38
Itgb1	-2.50	Cd97	-2.38
Kctd10	-2.50	Cdr2	-2.38
Kns15	-2.50	Chodl	-2.38
LOC269859	-2.50	En1	-2.38
LOC331102	-2.50	Eng	-2.38
LOC384315	-2.50	Eno3	-2.38
Med6	-2.50	Gale	-2.38
Ngfrap1	-2.50	Gemin7	-2.38
Ppm11	-2.50	Gng2	-2.38
Prkrir	-2.50	Hs3st3a1	-2.38
Rapsn	-2.50	LOC238943	-2.38
scl0003519.1_175	-2.50	LOC381285	-2.38
Sgcb	-2.50	Maged2	-2.38
Tpm3	-2.50	Mrp146	-2.38
Trio	-2.50	Papd4	-2.38
Ube2f	-2.50	Rasgrp3	-2.38
1700019G06Rik	-2.44	Rhoj	-2.38
1810043J12Rik	-2.44	scl0002018.1_19	-2.38
2010007E07Rik	-2.44	Sec811	-2.38
2310036O22Rik	-2.44	Sncg	-2.38
2310057H16Rik	-2.44	Sostdc1	-2.38
2410004C24Rik	-2.44	Tgfb3	-2.38
4930524J08Rik	-2.44	Tpm2	-2.38
6820424L24Rik	-2.44	Wnt5a	-2.38
Actr1a	-2.44	Znhit3	-2.38
AW046396	-2.44	1810009K13Rik	-2.33
AW120700	-2.44	1810035L17Rik	-2.33
Clu	-2.44	Amd2	-2.33
Ddx25	-2.44	Atp6v0d1	-2.33
Kcnk1	-2.44	Chchd8	-2.33
LOC209372	-2.44	Clns1a	-2.33
LOC226017	-2.44	Creld2	-2.33
Mcm2	-2.44	D030034I04Rik	-2.33
Mospd1	-2.44	D7Wsu128e	-2.33
Pawr	-2.44	Dlst	-2.33
Pcp411	-2.44	Dnajb11	-2.33
Phlda3	-2.44	Dnajc15	-2.33
Rtn2	-2.44	E230011E21Rik	-2.33
Slc25a38	-2.44	Eif4e13	-2.33
Smarca1	-2.44	LOC231081	-2.33
Smarca1	-2.44	LOC241621	-2.33
Snrp1c	-2.44	Ly6e	-2.33
Stmn4	-2.44	Noc4	-2.33
Timm17a	-2.44	Pfn1	-2.33
Tmepai	-2.44	Rpl13a	-2.33
Tmsb10	-2.44	Sertad1	-2.33
XEDAR EDA-A2R	-2.44	Sgk	-2.33
Ywhah	-2.44	Siglec10	-2.33
1110011K10Rik	-2.38	Timp1	-2.33
2610024E20Rik	-2.38	Wdfy1	-2.33
Appbp2	-2.38	1100001M03Rik	-2.27
BC023823	-2.38	2310002L09Rik	-2.27

Ccl17	-2.38	2410004C24Rik	-2.27
Commd9	-2.38	2810004N20Rik	-2.27
Coq7	-2.38	3110079O15Rik	-2.27
Crop	-2.38	6330439P19Rik	-2.27
Cx3cl1	-2.38	9330107J05Rik	-2.27
E130105L11Rik	-2.38	A630086H07Rik	-2.27
Gcap27	-2.38	Ard1	-2.27
Gemin7	-2.38	Arl6ip5	-2.27
Hes1	-2.38	Arpc5	-2.27
Hist1h3d	-2.38	Cish	-2.27
Kctd5	-2.38	Cnih	-2.27
Kpna2	-2.38	Dstn	-2.27
LOC224048	-2.38	Foxd1	-2.27
LOC654842	-2.38	Igf2bp1	-2.27
Lrp11	-2.38	Irak2	-2.27
Lsm6	-2.38	Iiga5	-2.27
Maged2	-2.38	Laptm4a	-2.27
Mapk8ip1	-2.38	Ldh1	-2.27
Nanos1	-2.38	LOC215879	-2.27
Nedd8	-2.38	LOC269355	-2.27
Pdgfc	-2.38	LOC381583	-2.27
sci0002449.1_77	-2.38	LOC384009	-2.27
Sfrp1	-2.38	LOC384742	-2.27
Sfrs3	-2.38	Med6	-2.27
Slc29a4	-2.38	MGC40669	-2.27
Slc7a3	-2.38	Mrpl53	-2.27
Ssb4	-2.38	Mrops18b	-2.27
Tarbp2	-2.38	Paf53	-2.27
Vim	-2.38	Popdc3	-2.27
1300014I06Rik	-2.33	Ppp2r1a	-2.27
3830421F03Rik	-2.33	Prss35	-2.27
6230427J02Rik	-2.33	Sec61g	-2.27
6330407G11Rik	-2.33	Slamf9	-2.27
Adm	-2.33	Slc25a38	-2.27
Amigo3	-2.33	Srl	-2.27
Atp6v0d1	-2.33	Ssb4	-2.27
Basp1	-2.33	Tarbp2	-2.27
Bcl2l1	-2.33	Thg1l	-2.27
Bloc1s2	-2.33	Trim47	-2.27
Cd3g	-2.33	Tufm	-2.27
Cpe	-2.33	1100001F19Rik	-2.22
Ddx48	-2.33	1700007K13Rik	-2.22
Dpep1	-2.33	1810006K21Rik	-2.22
Ehd4	-2.33	2310030G09Rik	-2.22
Elovl4	-2.33	2410016F01Rik	-2.22
Emd	-2.33	2610200O14Rik	-2.22
Epha3	-2.33	2810055E05Rik	-2.22
Foxc1	-2.33	4933428A15Rik	-2.22
G431001E03Rik	-2.33	Aard	-2.22
H2afx	-2.33	Aldh4a1	-2.22
H47	-2.33	Asb2	-2.22
Hmgn2	-2.33	Ase1	-2.22
Hnrph1	-2.33	BC017647	-2.22
Icam1	-2.33	Bcl11a	-2.22
Kremen2	-2.33	Bola2	-2.22
Lmod3	-2.33	Cacng1	-2.22
Milt11	-2.33	Csda	-2.22
Mrpl18	-2.33	Fhl2	-2.22
Nubp1	-2.33	Gipc1	-2.22
Pdir	-2.33	Gng10	-2.22
Phf5a	-2.33	Hmbs	-2.22
Plekhhg2	-2.33	Hmga1	-2.22
Pip	-2.33	Hsd17b12	-2.22
Rtn4	-2.33	Isl1	-2.22
Wdt3-pending	-2.33	Kctd1	-2.22
1700123O20Rik	-2.27	Lepre1	-2.22
2310046G15Rik	-2.27	LOC234987	-2.22
3110079O15Rik	-2.27	LOC383899	-2.22
4732462B05Rik	-2.27	Ly6c	-2.22
6330404C01Rik	-2.27	Mvk	-2.22
Bop1	-2.27	Ppp1r11	-2.22
C030003D03Rik	-2.27	S100a8	-2.22

C130072A16Rik	-2.27	scl0001419.1_32	-2.22
Ccl5	-2.27	scl0001627.1_140	-2.22
Cdh11	-2.27	scl0002315.1_12	-2.22
Cib1	-2.27	Slc2a1	-2.22
D5Ert606e	-2.27	Traf4	-2.22
Firt2	-2.27	Ube2m	-2.22
Galnt4	-2.27	1190005N23Rik	-2.17
Gas8	-2.27	2310008I22Rik	-2.17
Gjb2	-2.27	2410017P09Rik	-2.17
Gng2	-2.27	2510008P16Rik	-2.17
Impact	-2.27	2610524G07Rik	-2.17
LOC237005	-2.27	Ap2s1	-2.17
LOC381891	-2.27	Ap4s1	-2.17
LOC384742	-2.27	Atp5d	-2.17
Lzic	-2.27	Atp6a1	-2.17
Mapre1	-2.27	Bcl2l1	-2.17
Mcm3	-2.27	Cdc42se1	-2.17
Mns1	-2.27	Chchd7	-2.17
Pdgfa	-2.27	Cmpk	-2.17
Pip5k2a	-2.27	Commdd9	-2.17
Ppap2a	-2.27	Dbi	-2.17
Psmb5	-2.27	Ednrb	-2.17
Rgs12	-2.27	Egr2	-2.17
Rhod	-2.27	Elf2b1	-2.17
Siat8b	-2.27	Eno1	-2.17
Slamf9	-2.27	Gpc4	-2.17
Srl	-2.27	Gtf2f2	-2.17
Tmem126a	-2.27	Hist1h2af	-2.17
Tssc1	-2.27	Hmgcr	-2.17
1110001A05Rik	-2.22	Iqgap2	-2.17
2310002L09Rik	-2.22	Jtv1	-2.17
2310057D15Rik	-2.22	LOC233401	-2.17
4930453N24Rik	-2.22	LOC329357	-2.17
5730528L13Rik	-2.22	LOC381398	-2.17
A130072J07Rik	-2.22	LOC383826	-2.17
Actn3	-2.22	LOC383883	-2.17
Atbf1	-2.22	Mrpl34	-2.17
AU040829	-2.22	Nme6	-2.17
Bzw1	-2.22	ORF63	-2.17
C130021120	-2.22	Rdh11	-2.17
Ccm2	-2.22	Rgs5	-2.17
Cd44	-2.22	Slc29a4	-2.17
Cdipt	-2.22	Tm4sf12	-2.17
Cxx1a	-2.22	Tmem119	-2.17
Dapk2	-2.22	Tmem166	-2.17
Eftud2	-2.22	Tomm40	-2.17
F8a	-2.22	Tpm3	-2.17
Figl1	-2.22	Txndc7	-2.17
Hist2h2ab	-2.22	Wnt2	-2.17
Ier3ip1	-2.22	Zfyve21	-2.17
Inha	-2.22	1500034E06Rik	-2.13
Lamp1	-2.22	2210411K11Rik	-2.13
LOC380634	-2.22	2410080P20Rik	-2.13
LOC382016	-2.22	2810405J04Rik	-2.13
Lrig1	-2.22	4833424P18Rik	-2.13
Lum	-2.22	6330406I15Rik	-2.13
Ndufb6	-2.22	9430029P12Rik	-2.13
Ndufb7	-2.22	BC003885	-2.13
Nipa1	-2.22	Car3	-2.13
Pik3r1	-2.22	Ch25h	-2.13
Plaur	-2.22	Cited2	-2.13
Rnpep	-2.22	Cpm	-2.13
Rnu3ip2	-2.22	D030026A21Rik	-2.13
scl000819.1_3	-2.22	Dhps	-2.13
Slc1a3	-2.22	Dkk3	-2.13
Thg11	-2.22	Dlk1	-2.13
Tmpit	-2.22	E2f6	-2.13
Traf4	-2.22	Ebf2	-2.13
Trib3	-2.22	Edg5	-2.13
Uhrf1	-2.22	Egln3	-2.13
Wdr1	-2.22	Elf2b5	-2.13
Zdhhc16	-2.22	F8a	-2.13

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2610028L19Rik	-2.17	LOC193533	-2.13
2810032E02Rik	-2.17	LOC382585	-2.13
2810427I04Rik	-2.17	LOC386534	-2.13
2810430M08Rik	-2.17	Mpp6	-2.13
3100004P22Rik	-2.17	Nqo2	-2.13
A830080H07Rik	-2.17	Nudt5	-2.13
Aard	-2.17	Pappa	-2.13
Al428795	-2.17	Pard6g	-2.13
Arhgap1	-2.17	Pdzd11	-2.13
Arpc5	-2.17	Rerg	-2.13
Atp2a2	-2.17	Synj2bp	-2.13
AU022508	-2.17	Tnfrsf21	-2.13
BC002236	-2.17	Uck2	-2.13
Bcl11a	-2.17	1110030H18Rik	-2.08
Cf1	-2.17	2310016C16Rik	-2.08
Coro1c	-2.17	2310045A20Rik	-2.08
Csf1	-2.17	2700059D21Rik	-2.08
D14Ert449e	-2.17	2810409H07Rik	-2.08
D1Wsu40e	-2.17	4833422F06Rik	-2.08
Dusp3	-2.17	5430432M24Rik	-2.08
Eno3	-2.17	Acad9	-2.08
Fgf13	-2.17	Acn9	-2.08
Fgf21	-2.17	Agpat4	-2.08
Hdac1	-2.17	Ahsa1	-2.08
LOC385644	-2.17	Al747699	-2.08
Map2k4	-2.17	Areg	-2.08
Mfap2	-2.17	BC003266	-2.08
Mylc2b	-2.17	Bcl2a1d	-2.08
Nck2	-2.17	Bet1l	-2.08
Orc6l	-2.17	Birc5	-2.08
P2ry6	-2.17	Bok	-2.08
Polr2l	-2.17	C030003D03Rik	-2.08
Ppa1	-2.17	Capn6	-2.08
Ppp1r11	-2.17	Ccl4	-2.08
Pvrl2	-2.17	Ccl9	-2.08
Rbpms2	-2.17	Com2	-2.08
Rrm1	-2.17	Cri2	-2.08
Sprr2k	-2.17	Ddx24	-2.08
Srpx	-2.17	Dusp3	-2.08
Tuba6	-2.17	E130104I10Rik	-2.08
Wbscr17	-2.17	Eef2	-2.08
2510048O06Rik	-2.13	Fgf13	-2.08
2610018L09Rik	-2.13	Gjb3	-2.08
2810417K24Rik	-2.13	Hsd17b7	-2.08
2900075A18Rik	-2.13	Klf2	-2.08
5830427H10Rik	-2.13	Kpna1	-2.08
6030458H05	-2.13	LOC215999	-2.08
9430065L19Rik	-2.13	LOC228715	-2.08
A630072M18Rik	-2.13	Lsm7	-2.08
A630096C01Rik	-2.13	Mki67ip	-2.08
A630097A12Rik	-2.13	Nob1	-2.08
Ak1	-2.13	Pofut2	-2.08
Amotl2	-2.13	R74862	-2.08
Atp5g1	-2.13	Rbmx	-2.08
BC035295	-2.13	S100a10	-2.08
BC039093	-2.13	Scye1	-2.08
Car3	-2.13	Smfn	-2.08
Cpm	-2.13	Snai1	-2.08
Fkbp1a	-2.13	Stk6	-2.08
Gus-s	-2.13	Strap	-2.08
H2afy3	-2.13	Tinagl	-2.08
Hist1h3i	-2.13	Tuba1	-2.08
Hs3st1	-2.13	Wdr4	-2.08
Hspca	-2.13	Ykt6	-2.08
Klhdc4	-2.13	1810043H04Rik	-2.04
LOC242703	-2.13	2310004I24Rik	-2.04
LOC269941	-2.13	2510048K03Rik	-2.04
Ms4a6d	-2.13	28100427I04Rik	-2.04
Nol10	-2.13	5830471E12Rik	-2.04
Nqo3a2	-2.13	Alox5ap	-2.04
Pkp2	-2.13	Basp1	-2.04



Ppp4r1	-2.13	C130052112Rik	-2.04
Renbp	-2.13	C1qtnf2	-2.04
Sh3yl1	-2.13	C430045M10Rik	-2.04
Shkbp1	-2.13	C730026E21Rik	-2.04
Sic25a25	-2.13	Ccl17	-2.04
Spc25	-2.13	Cotl1	-2.04
Srf	-2.13	Cox6b	-2.04
Sult4a1	-2.13	Gm561	-2.04
Tgfb11	-2.13	Gmppb	-2.04
Ube2m	-2.13	Kns2	-2.04
Zfp428	-2.13	Laspl	-2.04
2310008I22Rik	-2.08	LOC331507	-2.04
2310047D13Rik	-2.08	LOC381795	-2.04
2310061A22Rik	-2.08	Lzic	-2.04
2600001B17Rik	-2.08	Mcsm	-2.04
2610029G23Rik	-2.08	Mgst3	-2.04
2700050C19Rik	-2.08	Mrps16	-2.04
2810407C02Rik	-2.08	Myadm	-2.04
Abcf2	-2.08	Ndufb6	-2.04
Arl10b	-2.08	Nip7	-2.04
Ass1	-2.08	Nppb	-2.04
Cacng1	-2.08	Oxct1	-2.04
Cap1	-2.08	P2ry6	-2.04
Ccl4	-2.08	Pfdn4	-2.04
D19Ertd678e	-2.08	Ppp1r1a	-2.04
Ddc	-2.08	Ppp2r2d	-2.04
Degs	-2.08	Prkar2b	-2.04
E430034L04Rik	-2.08	Sdc1	-2.04
Gnb1	-2.08	Snx12	-2.04
Hist1h2bk	-2.08	Supt4h	-2.04
LOC270491	-2.08	Timm17a	-2.04
LOC381947	-2.08	Tm4sf10	-2.04
Mef2c	-2.08	Trappc3	-2.04
Mrpl46	-2.08	Tssct1	-2.04
Notch1	-2.08	1110008B24Rik	-2.00
Nxn	-2.08	1810042K04Rik	-2.00
Otub1	-2.08	2010007H12Rik	-2.00
Pde4dip	-2.08	2410012H22Rik	-2.00
Phgdh	-2.08	2610208M17Rik	-2.00
Plk1	-2.08	2810032E02Rik	-2.00
Plscr1	-2.08	4933407C03Rik	-2.00
Ppp2cb	-2.08	9530051K01Rik	-2.00
Qrs1	-2.08	Actn3	-2.00
Rgs5	-2.08	Akt1s1	-2.00
Sc4mol	-2.08	Anxa8	-2.00
scl0001419.1_32	-2.08	Apoe	-2.00
scl0001546.1_9	-2.08	Aprt	-2.00
Sic35b4	-2.08	Arndc3	-2.00
Smox	-2.08	Atic	-2.00
Tax1bp3	-2.08	Avpi1	-2.00
Tmem166	-2.08	BC037674	-2.00
Tusc1	-2.08	BC049816	-2.00
Ubt1	-2.08	Bicap	-2.00
Zcrb1	-2.08	C78541	-2.00
1300007B12Rik	-2.04	Cd9	-2.00
1700113I22Rik	-2.04	Cib1	-2.00
2310007D09Rik	-2.04	Ctbp2	-2.00
2310024N18Rik	-2.04	D17Wsu104e	-2.00
2310042G06Rik	-2.04	Ddst	-2.00
2310044G17Rik	-2.04	E430031D18Rik	-2.00
2310045A20Rik	-2.04	Elf2s3x	-2.00
2610510J17Rik	-2.04	Elf3s9	-2.00
2810418N01Rik	-2.04	Emp1	-2.00
2900009C16Rik	-2.04	Gdf10	-2.00
5430428G01Rik	-2.04	Gna11	-2.00
Als2	-2.04	Gnas	-2.00
Ap1td1	-2.04	H13	-2.00
BB128963	-2.04	Hist2h2aa1	-2.00
Bdnf	-2.04	Hist2h2ac	-2.00
Col7a1	-2.04	Hspe1	-2.00
Creb3	-2.04	LOC328752	-2.00
D630048P19Rik	-2.04	LOC381439	-2.00

D8ErtD594e	-2.04	Lor	-2.00
E130306M17Rik	-2.04	Mrps11	-2.00
F2r11	-2.04	Myf6	-2.00
Grem1	-2.04	Nedd8	-2.00
Ier5l	-2.04	Olfm1	-2.00
Igf2bp3	-2.04	Pea15	-2.00
Il11	-2.04	Pep4	-2.00
Irs2	-2.04	Prmt6	-2.00
LOC219049	-2.04	Psmc13	-2.00
LOC382585	-2.04	Rassf1	-2.00
LOC382902	-2.04	Rnf4	-2.00
Mrpl11	-2.04	Rpl15	-2.00
Mrpl16	-2.04	Rxrg	-2.00
Napa	-2.04	S100a11	-2.00
Nefm	-2.04	scl000418.1_42	-2.00
Nme6	-2.04	Tnfrsf22	-2.00
Psmb6	-2.04	Tpd52l1	-2.00
Psmc1	-2.04	Uqcrc2	-2.00
Silt2	-2.04	Usp5	-2.00
Smtn	-2.04	Vgf	-2.00
Stk23	-2.04	Vkorc11l	-2.00
Tm4sf12	-2.04	0610007P06Rik	-1.96
Tmem2	-2.04	Z310003C23Rik	-1.96
Tpm4	-2.04	Z310045N01Rik	-1.96
Tuba7	-2.04	2610002M06Rik	-1.96
Vgf	-2.04	2610304I02Rik	-1.96
Vps29	-2.04	3200002M19Rik	-1.96
2210415M20Rik	-2.00	4833420K19Rik	-1.96
2510038A11Rik	-2.00	5730437N04Rik	-1.96
2610304I02Rik	-2.00	9130202B12Rik	-1.96
2700038N03Rik	-2.00	Ap2b1	-1.96
2700088M22Rik	-2.00	C130032J12Rik	-1.96
2810055E05Rik	-2.00	C1qbp	-1.96
4930542G03Rik	-2.00	Clic1	-1.96
5430417J04Rik	-2.00	Cox7c	-1.96
8430423A01Rik	-2.00	Crcp	-1.96
AJ430384	-2.00	Cugbp1	-1.96
BC003236	-2.00	D2Bwg1335e	-1.96
Ciapin1	-2.00	Dhcr24	-1.96
Col9a2	-2.00	Esd	-1.96
Cox10	-2.00	Fcgr3	-1.96
Cstb	-2.00	Hist1h2ae	-1.96
Ctsk	-2.00	Hist1h2ai	-1.96
Cyp51	-2.00	Hist1h2ao	-1.96
D530030D03Rik	-2.00	Lmyc1	-1.96
D5ErtD593e	-2.00	LOC245828	-1.96
FrmD4a	-2.00	LOC380631	-1.96
Gng11	-2.00	LOC380634	-1.96
Grwd1	-2.00	Lrp11	-1.96
Hist1h4i	-2.00	Map2k3	-1.96
Hmgcr	-2.00	Mif2	-1.96
Ibsp	-2.00	Mospd1	-1.96
Id2	-2.00	Ndufa9	-1.96
Khdrbs1	-2.00	Nradd	-1.96
LOC230765	-2.00	Plaur	-1.96
Mrps18b	-2.00	Plp	-1.96
Pard6g	-2.00	Rasa1	-1.96
Pofut2	-2.00	Rpo1-3	-1.96
Prkrip1	-2.00	Rwdd1	-1.96
Prss19	-2.00	scl0002962.1_181	-1.96
Ptprb	-2.00	scl0003092.1_40	-1.96
Rassf1	-2.00	Stk23	-1.96
Rps27l	-2.00	Tbx4	-1.96
Scoc	-2.00	Tnc	-1.96
Sf3b4	-2.00	Trappc4	-1.96
Smn1	-2.00	Wdr1	-1.96
Spr	-2.00	0610007P14Rik	-1.92
Srgap2	-2.00	1700012F10Rik	-1.92
Tagln2	-2.00	2810430M08Rik	-1.92
Tm4sf10	-2.00	4631423F02Rik	-1.92
Tuba1b	-2.00	BC003236	-1.92
Wdfy1	-2.00	BC035522	-1.92

1110001A07Rik	-1.96	C130072A16Rik	-1.92
1500031A17Rik	-1.96	Ccne2	-1.92
2610318I01Rik	-1.96	Cct3	-1.92
2700055K07Rik	-1.96	Comm4	-1.92
2810025O06Rik	-1.96	Crip2	-1.92
2810405J04Rik	-1.96	Ctcf1	-1.92
3010027N08Rik	-1.96	D14Ert449e	-1.92
3200002M19Rik	-1.96	Eda2r	-1.92
4831437C03Rik	-1.96	Fas	-1.92
6030411F23Rik	-1.96	Gypc	-1.92
9530081N05Rik	-1.96	Hist1h2ag	-1.92
Abcc5	-1.96	Hrc	-1.92
Appbp1	-1.96	Hyal2	-1.92
Atp6v1d	-1.96	Il11	-1.92
BC046331	-1.96	Kctd20	-1.92
Bhlhb9	-1.96	LOC381230	-1.92
Capn2	-1.96	LOC382972	-1.92
Cklf	-1.96	LOC384206	-1.92
Clp1	-1.96	LOC385467	-1.92
D3Ucla1	-1.96	Mboat2	-1.92
Fus	-1.96	Mrps23	-1.92
Gmpbb	-1.96	Ndufb5	-1.92
Gprasp1	-1.96	Ngfrap1	-1.92
Hist1h2ao	-1.96	Pa2g4	-1.92
Hist1h2bg	-1.96	Panx1	-1.92
Lmnb2	-1.96	Pdcd5	-1.92
LOC382896	-1.96	Pdcd6ip	-1.92
Lsm12	-1.96	Pdlim7	-1.92
Lsm2	-1.96	Pias4	-1.92
Lsm3	-1.96	Popdc2	-1.92
Mea1	-1.96	Rnpep	-1.92
Mtvr2	-1.96	Rpl36al	-1.92
Mvk	-1.96	Sca10	-1.92
Neto2	-1.96	Scamp4	-1.92
Pdzd11	-1.96	Serf2	-1.92
Pole4	-1.96	Spryd4	-1.92
Prpf38a	-1.96	Tcap	-1.92
Ptk9l	-1.96	Timm13a	-1.92
Ptpla	-1.96	Tpm4	-1.92
Rbms3	-1.96	U2af1	-1.92
Rhobtb3	-1.96	X83328	-1.92
Rxrg	-1.96	Yif1a	-1.92
scl0002785_1_49	-1.96	Zfp365	-1.92
Slc10a3	-1.96	1110019N10Rik	-1.89
Slc2a3	-1.96	1300002F13Rik	-1.89
Spp1	-1.96	1500019G21Rik	-1.89
St5	-1.96	2610529H08Rik	-1.89
Syt2	-1.96	5330438E18Rik	-1.89
Taf9	-1.96	Arhgap24	-1.89
Tbx4	-1.96	Atp6v0a2	-1.89
Tcap	-1.96	BC022687	-1.89
Tcf19	-1.96	Btbd11	-1.89
Ubadc1	-1.96	Ccdc109a	-1.89
Ubt2	-1.96	Comm5	-1.89
1110030J09Rik	-1.92	D10Bwg1364e	-1.89
1190002H23Rik	-1.92	Ddx54	-1.89
2010004N17Rik	-1.92	Ebf3	-1.89
4930402I24Rik	-1.92	EG433923	-1.89
4933407H13Rik	-1.92	Flrt2	-1.89
Anxa6	-1.92	Furin	-1.89
B3gal16	-1.92	Gm83	-1.89
C230098O21Rik	-1.92	Gmpr2	-1.89
C330016H24Rik	-1.92	Gnb4	-1.89
C78541	-1.92	Gng11	-1.89
Chaf1a	-1.92	Grpel1	-1.89
Chordc1	-1.92	H2afx	-1.89
Cldn12	-1.92	lbsp	-1.89
Cri2	-1.92	lft20	-1.89
Cript	-1.92	lnha	-1.89
Ctps	-1.92	LOC230075	-1.89
D030028O16Rik	-1.92	LOC270037	-1.89
Fis1	-1.92	LOC380707	-1.89

Garnl4	-1.92	Mbd3	-1.89
H2afz	-1.92	Mnat1	-1.89
Hist1h2af	-1.92	Mrpl12	-1.89
Hist1h2bh	-1.92	Mrpl18	-1.89
Hoxb5	-1.92	Mrps5	-1.89
Iqgap2	-1.92	Mtpn	-1.89
LOC328752	-1.92	Nefm	-1.89
LOC380625	-1.92	Nkiras2	-1.89
LOC381490	-1.92	Nol10	-1.89
LOC382972	-1.92	Obfc2a	-1.89
LOC545056	-1.92	Prosc	-1.89
Med19	-1.92	Psmc1	-1.89
Mif1	-1.92	Ramp2	-1.89
Mrps7	-1.92	S100a15	-1.89
Nrbp	-1.92	Sar1b	-1.89
Nubp2	-1.92	sci0003828.1_8	-1.89
Parva	-1.92	sci000936.1_18	-1.89
Pcyt1a	-1.92	Skp2	-1.89
Pdcd5	-1.92	Slc39a6	-1.89
Pmaip1	-1.92	Tcp1	-1.89
Pqlc2	-1.92	Tes	-1.89
Pygo1	-1.92	Ttc7b	-1.89
Rab3ip	-1.92	Uqcrh	-1.89
Rasgrp3	-1.92	1110001A23Rik	-1.85
Rb1	-1.92	1110012L19Rik	-1.85
Rg9mtd2	-1.92	1110012O05Rik	-1.85
Rhoc	-1.92	1500011K16Rik	-1.85
Rnf144	-1.92	1700022J01Rik	-1.85
Sbk	-1.92	2610028L19Rik	-1.85
Sdf2l1	-1.92	2900009C16Rik	-1.85
Senp3	-1.92	3000002B06Rik	-1.85
Sertad4	-1.92	5730403M16Rik	-1.85
Sh3kbp1	-1.92	9130427A09Rik	-1.85
Skp2	-1.92	Actn1	-1.85
Slc30a1	-1.92	Adssl1	-1.85
Srprb	-1.92	Alg9	-1.85
Thsd2	-1.92	B430201A12Rik	-1.85
Tinagl	-1.92	BC002163	-1.85
Ube1dc1	-1.92	BC005682	-1.85
Wbp5	-1.92	BC061259	-1.85
Xist	-1.92	C130073O12Rik	-1.85
Zfp238	-1.92	Cart	-1.85
1110030H18Rik	-1.89	Ccdc58	-1.85
2010003J03Rik	-1.89	Ccm4l	-1.85
2310042L06Rik	-1.89	Cdh11	-1.85
2310075M15Rik	-1.89	Ciapin1	-1.85
2610012O22Rik	-1.89	Col7a1	-1.85
2610524H06Rik	-1.89	Ctsh	-1.85
2810405F04Rik	-1.89	D11Bwg0434e	-1.85
2900036G02Rik	-1.89	D3Ucla1	-1.85
2900054D09Rik	-1.89	Ephx1	-1.85
3110001A13Rik	-1.89	Fh1	-1.85
4732481H14Rik	-1.89	Galnt4	-1.85
6230400I06Rik	-1.89	Gcap27	-1.85
Actn4	-1.89	Glrx	-1.85
Anapc2	-1.89	Gng8	-1.85
Bcl2a1d	-1.89	Gpx1	-1.85
Bves	-1.89	limk2b	-1.85
Cdc25a	-1.89	LOC232887	-1.85
Commd7	-1.89	LOC381038	-1.85
Copg	-1.89	LOC382096	-1.85
Dbf4	-1.89	Matn4	-1.85
Eif2b2	-1.89	Mrpl3	-1.85
Erh	-1.89	Mrpl40	-1.85
Fcgr3	-1.89	Ndufa1	-1.85
Fjx1	-1.89	Nme4	-1.85
Hist1h4a	-1.89	Ntan1	-1.85
Ifi20	-1.89	Nubp2	-1.85
Igf2bp1	-1.89	Polr2i	-1.85
Lactb	-1.89	Ppap2a	-1.85
LOC233637	-1.89	Rg9mtd2	-1.85
LOC383576	-1.89	Scand1	-1.85

Nup93	-1.89	Stc1	-1.85
Paf53	-1.89	Tbrg4	-1.85
Plac9	-1.89	Tomm7	-1.85
Plk3	-1.89	Wbscr17	-1.85
Popdc2	-1.89	0610009E20Rik	-1.82
Ralb	-1.89	1200015A19Rik	-1.82
Rbm13	-1.89	1500036D03Rik	-1.82
Rbm9	-1.89	1700048O20Rik	-1.82
S100a8	-1.89	1810047K05Rik	-1.82
Sdc2	-1.89	2010204K13Rik	-1.82
Smarcd3	-1.89	2010309J24Rik	-1.82
Srm	-1.89	2310024N18Rik	-1.82
Stard3nl	-1.89	2310042L06Rik	-1.82
Stau2	-1.89	2410014A08Rik	-1.82
Stmn2	-1.89	2510038A11Rik	-1.82
Stx7	-1.89	2610205E22Rik	-1.82
Tmem150	-1.89	2610524F24Rik	-1.82
Tmem85	-1.89	2700024D06Rik	-1.82
Tns	-1.89	2810012G08Rik	-1.82
Tulp4	-1.89	2900073G15Rik	-1.82
U2af1-rs2	-1.89	3110005G23Rik	-1.82
Yeats4	-1.89	3110040N11Rik	-1.82
Zbed4	-1.89	4930553C05Rik	-1.82
Zw10	-1.89	5530600A18Rik	-1.82
1700009N14Rik	-1.85	6330415F13Rik	-1.82
1700029F09Rik	-1.85	9830169E20Rik	-1.82
2300009N04Rik	-1.85	AJ430384	-1.82
2610020N02Rik	-1.85	Arfgap1	-1.82
2810008M24Rik	-1.85	BC025519	-1.82
2810404O06Rik	-1.85	Cd68	-1.82
4930422J18Rik	-1.85	Copz2	-1.82
5830461H18Rik	-1.85	Ctn	-1.82
6330439P19Rik	-1.85	Cxcl4	-1.82
Acot7	-1.85	Cyts	-1.82
Adrm1	-1.85	Dcblid1	-1.82
Bach2	-1.85	Def6	-1.82
BC005682	-1.85	Eef1e1	-1.82
C030002N13Rik	-1.85	Eif4g2	-1.82
C530008M17Rik	-1.85	Emr1	-1.82
Cart	-1.85	Erp29	-1.82
Cbfa2t1h	-1.85	Gstk1	-1.82
Ccnd3	-1.85	Hist1h2bg	-1.82
Cdc45l	-1.85	LOC219049	-1.82
Col8a2	-1.85	LOC380836	-1.82
D630041K24Rik	-1.85	LOC381490	-1.82
Drr1	-1.85	LOC382092	-1.82
Efnb2	-1.85	LOC383099	-1.82
Eif5	-1.85	LOC384434	-1.82
Eif5a	-1.85	Matn1	-1.82
Fgfr2	-1.85	Mphosph6	-1.82
Fzd2	-1.85	Mrpl37	-1.82
Fzd3	-1.85	Mrps7	-1.82
Gm83	-1.85	Nudt11	-1.82
Gtf2e1	-1.85	Plk3r3	-1.82
Hist1h2ag	-1.85	Plac9	-1.82
Hist1h2bn	-1.85	Ppa1	-1.82
Hoxa5	-1.85	Pr7	-1.82
ldh3a	-1.85	Pscd4	-1.82
Krt1-18	-1.85	Rab15	-1.82
LOC193533	-1.85	Rab4a	-1.82
LOC230075	-1.85	Rbm13	-1.82
LOC381379	-1.85	Rhog	-1.82
Nid2	-1.85	scl0001546.1_9	-1.82
Nupl2	-1.85	scl0003547.1_6	-1.82
Odz3	-1.85	scl000416.1_19	-1.82
Phc1	-1.85	Sertad3	-1.82
Plekhc1	-1.85	Srprb	-1.82
Pop7	-1.85	Stk40	-1.82
Pp1h	-1.85	Tex292	-1.82
Ppp1r10	-1.85	Ttn	-1.82
Psmb7	-1.85	Ube1dc1	-1.82
scl0001708.1_442	-1.85	Ubtid1	-1.82

scl0003998.1_329	-1.85	Wars	-1.82
Senp2	-1.85	9-Sep	-1.79
Ssna1	-1.85	1700009N14Rik	-1.79
Taf9b	-1.85	2010321105Rik	-1.79
Tesk1	-1.85	2310022M17Rik	-1.79
Timm13a	-1.85	5430428G01Rik	-1.79
Ttn	-1.85	5730543M03Rik	-1.79
Tubg1	-1.85	6530401D17Rik	-1.79
U2af1	-1.85	8430420C20Rik	-1.79
Uble1b	-1.85	9130227C08Rik	-1.79
Wbscr22	-1.85	9330196J05Rik	-1.79
1500005K14Rik	-1.82	Actr10	-1.79
1810009N02Rik	-1.82	B230104P22Rik	-1.79
1810011E08Rik	-1.82	B230343A10Rik	-1.79
2210407N10Rik	-1.82	BC024955	-1.79
2310007D07Rik	-1.82	BC031181	-1.79
2410008J05Rik	-1.82	Cap1	-1.79
2410131K14Rik	-1.82	Capza1	-1.79
2600001J17Rik	-1.82	Ccdc56	-1.79
2700063P19Rik	-1.82	Coro1a	-1.79
3110030K17Rik	-1.82	Cox7a2l	-1.79
5730438N18Rik	-1.82	Ehd2	-1.79
6330503C03Rik	-1.82	End2	-1.79
6430402L23Rik	-1.82	Gtf3c3	-1.79
A530082O13Rik	-1.82	Hpcal1	-1.79
Ahsa1	-1.82	Il1ri1l	-1.79
Atp6v1h	-1.82	Ipo4	-1.79
AV028368	-1.82	Irgb1	-1.79
BC051227	-1.82	Klhl6	-1.79
Cd59a	-1.82	LOC224087	-1.79
Cmpk	-1.82	LOC236371	-1.79
Col4a1	-1.82	LOC381142	-1.79
Cbxn	-1.82	LOC381501	-1.79
Cxcl4	-1.82	LOC385454	-1.79
Denr	-1.82	Mcat	-1.79
Ebna1bp2	-1.82	Ndufa11	-1.79
Ednrb	-1.82	Ndufa3	-1.79
Efna5	-1.82	Nif3l1	-1.79
Ercc3	-1.82	Olfml1	-1.79
Gale	-1.82	Osr2	-1.79
Hist1h2bf	-1.82	Pak2	-1.79
Hist1h3h	-1.82	Palld	-1.79
Il1r1l	-1.82	Pnp	-1.79
Ldb2	-1.82	Ppp1ca	-1.79
LOC208092	-1.82	Psmd5	-1.79
LOC224147	-1.82	Rnf126	-1.79
LOC380631	-1.82	Rpl4	-1.79
LOC381649	-1.82	Sec63	-1.79
Lyzs	-1.82	Skb1	-1.79
Nsdhl	-1.82	Snap23	-1.79
Pdcd10	-1.82	Snrpa	-1.79
Pdss1	-1.82	Socs4	-1.79
Pgpep1	-1.82	Spag7	-1.79
Psme3	-1.82	Taf11	-1.79
Rai12	-1.82	Tbrg1	-1.79
Rer1	-1.82	Tex261	-1.79
Rfc3	-1.82	Tpbp	-1.79
scl0002540.1_6	-1.82	Trappc1	-1.79
scl0003547.1_6	-1.82	Tsku	-1.79
Sf3a3	-1.82	1110049G11Rik	-1.75
Sic38a4	-1.82	2010001H16Rik	-1.75
Stc1	-1.82	2010107H07Rik	-1.75
Stmn1	-1.82	4633402N23Rik	-1.75
Tk1	-1.82	4831437C03Rik	-1.75
Tmem35	-1.82	5230400G24Rik	-1.75
Trappc3	-1.82	6330579B17Rik	-1.75
Wars	-1.82	6430515G22Rik	-1.75
Zfp275	-1.82	A630046C11Rik	-1.75
Zwint	-1.82	Adfp	-1.75
0610010E21Rik	-1.79	Arpc1a	-1.75
1110017L21Rik	-1.79	Atp6v1d	-1.75
1110065P19Rik	-1.79	C920004C08Rik	-1.75

1500019G21Rik	-1.79	C920027118Rik	-1.75
2010311D03Rik	-1.79	Cklf	-1.75
3830408P04Rik	-1.79	Col9a2	-1.75
4631423F02Rik	-1.79	Crsp8	-1.75
4833420K19Rik	-1.79	Cspg2	-1.75
6720460L05Rik	-1.79	D19Bwg1357e	-1.75
9830169E20Rik	-1.79	Dph4	-1.75
Adra2a	-1.79	E430016J11Rik	-1.75
A1838661	-1.79	Emp3	-1.75
Apip	-1.79	Fcf1	-1.75
Bccip	-1.79	Foxc1	-1.75
Bin1	-1.79	Gabarap	-1.75
C130052112Rik	-1.79	Garnl4	-1.75
C530044N13Rik	-1.79	Gna13	-1.75
Casp8	-1.79	Hist1h2an	-1.75
Centd1	-1.79	Kcnk1	-1.75
Cops7b	-1.79	LOC382691	-1.75
Ctsw	-1.79	LOC384281	-1.75
Cxcr4	-1.79	Memo1	-1.75
D111Moh34	-1.79	Myom1	-1.75
D230005D02Rik	-1.79	Neurl	-1.75
D430039N05Rik	-1.79	Nid1	-1.75
D730042P09Rik	-1.79	Pgk1	-1.75
Dph4	-1.79	Pigf	-1.75
Elavl2	-1.79	Prkrip1	-1.75
Fkbp14	-1.79	Psm10	-1.75
Gria3	-1.79	Qscn6	-1.75
Hist1h2bm	-1.79	Rab1b	-1.75
Hist2h2aa2	-1.79	sci000292.1_12	-1.75
Hist2h2ac	-1.79	Smn1	-1.75
Homer3	-1.79	Smu1	-1.75
Itgb4bp	-1.79	Snap29	-1.75
Leo1	-1.79	Ssna1	-1.75
LOC269515	-1.79	Tgif	-1.75
LOC385065	-1.79	Txnl2	-1.75
Lrdd	-1.79	Ubadc1	-1.75
Matn1	-1.79	Uble1b	-1.75
Mcm4	-1.79		15-Sep -1.72
Mif2	-1.79	1110002E22Rik	-1.72
Mtap	-1.79	1110029L17Rik	-1.72
Nnat	-1.79	1110055J05Rik	-1.72
Nup43	-1.79	1110059M19Rik	-1.72
Pih1d1	-1.79	1200003C05Rik	-1.72
Pitpnb	-1.79	1500011L16Rik	-1.72
Ppm1g	-1.79	1500031H04Rik	-1.72
Ppp1r8	-1.79	1500032L24Rik	-1.72
Prmt6	-1.79	2210021A15Rik	-1.72
Rrbp1	-1.79	2310009M18Rik	-1.72
S100a11	-1.79	2310015N21Rik	-1.72
sci0002069.1_48	-1.79	2310020F24Rik	-1.72
sci000936.1_18	-1.79	3100004P22Rik	-1.72
Sfrs1	-1.79	6430402L23Rik	-1.72
Smfn	-1.79	9830131B04Rik	-1.72
Snrpd1	-1.79	Acs15	-1.72
Uxt	-1.79	Adcy4	-1.72
Vkorc11	-1.79	Adsl	-1.72
1110059G02Rik	-1.75	Alg5	-1.72
1300010A20Rik	-1.75	Alpk3	-1.72
2310067E08Rik	-1.75	Amigo3	-1.72
2410014A08Rik	-1.75	Atpa2	-1.72
2410018G23Rik	-1.75	Bach2	-1.72
2610015J01Rik	-1.75	BB128963	-1.72
2610029J22Rik	-1.75	Bxdc2	-1.72
2610039C10Rik	-1.75	C230060E24	-1.72
2700024D06Rik	-1.75	C80879	-1.72
6030419C18Rik	-1.75	Cdc16	-1.72
9330196J05Rik	-1.75	Chd7	-1.72
A630084D02Rik	-1.75	Cldn6	-1.72
Alg1	-1.75	Comm1d6	-1.72
Atp6v1c1	-1.75	Coq10b	-1.72
B130015M16Rik	-1.75	Cxx1a	-1.72
Banf1	-1.75	D19Ert678e	-1.72

Cald1	-1.75	D430019H16Rik	-1.72
Ccdc132	-1.75	E130306M17Rik	-1.72
Cdc2l2	-1.75	Epha3	-1.72
Cdca8	-1.75	Fez1	-1.72
Chaf1b	-1.75	Klf4	-1.72
Cse1l	-1.75	Kpna2	-1.72
D15Mgl27	-1.75	Krt20	-1.72
D930042A21Rik	-1.75	Krtdap	-1.72
Fkbp10	-1.75	LOC212963	-1.72
Fkbp4	-1.75	LOC381406	-1.72
Gipc1	-1.75	Mapkapk3	-1.72
Gm644	-1.75	Mrpl11	-1.72
Gna12	-1.75	Mxd4	-1.72
Hist2h3c1	-1.75	Ncf4	-1.72
Itga11	-1.75	Nol1	-1.72
Kcna6	-1.75	Osbpl3	-1.72
Kdelr3	-1.75	Pdk3	-1.72
LOC209281	-1.75	Phca	-1.72
LOC215999	-1.75	Phlda1	-1.72
LOC225118	-1.75	Pigl	-1.72
LOC268569	-1.75	Polr2l	-1.72
Mad2l1	-1.75	Ptcd2	-1.72
Mglap	-1.75	Ptprb	-1.72
Mkks	-1.75	Rnf144	-1.72
Mphosph6	-1.75	Rragd	-1.72
Mtap1b	-1.75	Rrbp1	-1.72
Myohd1	-1.75	scl0002720.1_68	-1.72
Ndufs8	-1.75	scl0003955.1_3	-1.72
Ostm1	-1.75	Sdf2	-1.72
P2ry5	-1.75	Spg4	-1.72
Pelo	-1.75	Taf10	-1.72
Pitpn	-1.75	Tes3	-1.72
Pitpnm2	-1.75	Ttc1	-1.72
Pmm2	-1.75	Txn2	-1.72
Polk	-1.75	Uqcr1	-1.72
Ppil3	-1.75	Vps29	-1.72
Prep	-1.75	Zrf2	-1.72
Psmc12	-1.75	0610010E21Rik	-1.69
Rai14	-1.75	1110032D12Rik	-1.69
Rnf11	-1.75	1110059G02Rik	-1.69
Rnf14	-1.75	1500015G18Rik	-1.69
Rnu6	-1.75	1500031N17Rik	-1.69
Robo1	-1.75	1700013A01Rik	-1.69
scl0002018.1_19	-1.75	1700123O20Rik	-1.69
Set	-1.75	1810049H13Rik	-1.69
Sfrs2	-1.75	1810063B07Rik	-1.69
Slc20a1	-1.75	2010004N17Rik	-1.69
Slc39a6	-1.75	2310003L22Rik	-1.69
Tceal3	-1.75	2310007D07Rik	-1.69
Torb-V13	-1.75	2510048O06Rik	-1.69
Tmpo	-1.75	2810021G02Rik	-1.69
Tomm40	-1.75	2810021O14Rik	-1.69
Trappc4	-1.75	2900060B14Rik	-1.69
Txn14	-1.75	3110030K17Rik	-1.69
Ugcg1	-1.75	4930542G03Rik	-1.69
Vcl	-1.75	5033425B17Rik	-1.69
Wdr4	-1.75	5033428A16Rik	-1.69
Zfp326	-1.75	5430417J04Rik	-1.69
Zfpn2	-1.75	6720463E02Rik	-1.69
1110059M19Rik	-1.72	Abhd8	-1.69
1600002K03Rik	-1.72	Akr1e1	-1.69
1810009A15Rik	-1.72	Arfrp1	-1.69
1810017G16Rik	-1.72	Arl4	-1.69
2310004N24Rik	-1.72	Asb6	-1.69
2310016C16Rik	-1.72	AW551984	-1.69
2410011G03Rik	-1.72	BC029169	-1.69
2410017P09Rik	-1.72	Bcar1	-1.69
2510005D08Rik	-1.72	C130021I20	-1.69
3110032G18Rik	-1.72	C630024N05Rik	-1.69
4732435N03Rik	-1.72	Clpp	-1.69
4930563C06Rik	-1.72	Ctla	-1.69
5031425E22Rik	-1.72	Commd1	-1.69



6330407118Rik	-1.72	Ctsw	-1.69
9430080K19Rik	-1.72	D230004N01Rik	-1.69
A630086H07Rik	-1.72	Ddah1	-1.69
Alpk3	-1.72	Dgkk	-1.69
Ap1s1	-1.72	Dyrk3	-1.69
Ap2s1	-1.72	Elov1	-1.69
Ap4s1	-1.72	Fkbp11	-1.69
Apaf1	-1.72	Ghr	-1.69
Armc6	-1.72	Gm644	-1.69
Asns	-1.72	Gpr89	-1.69
B130053110Rik	-1.72	Itpkc	-1.69
B930095G10Rik	-1.72	Kcna6	-1.69
BC038311	-1.72	Krt2-8	-1.69
BC057552	-1.72	Lactb	-1.69
C920005C14Rik	-1.72	LOC224147	-1.69
Cdk2zap1	-1.72	LOC234360	-1.69
Cstf3	-1.72	LOC271490	-1.69
Ddef1	-1.72	LOC277856	-1.69
Edf1	-1.72	LOC434858	-1.69
Exosc1	-1.72	Lsm3	-1.69
Foxd1	-1.72	Mcts1	-1.69
Hist1h4j	-1.72	Mrpl43	-1.69
Hnrpm	-1.72	Mrpl48	-1.69
Jag1	-1.72	Mrps27	-1.69
LOC219106	-1.72	Mtmr9	-1.69
LOC224087	-1.72	Napa	-1.69
LOC234360	-1.72	Npy	-1.69
LOC381583	-1.72	Psen1	-1.69
LOC382096	-1.72	Psmc3	-1.69
Lrrc57	-1.72	Rhod	-1.69
Mat2a	-1.72	Ruvbl2	-1.69
Mgm1	-1.72	Sec13l1	-1.69
Mmp13	-1.72	Sec22b	-1.69
Mmp3	-1.72	Sepx1	-1.69
Mpdu1	-1.72	Sic4a7	-1.69
Msn	-1.72	Smox	-1.69
Mtpn	-1.72	Smtn	-1.69
Ndufab1	-1.72	Snrp1c	-1.69
Npy	-1.72	Snx9	-1.69
Panx1	-1.72	Ssr4	-1.69
Pcna	-1.72	Thoc6	-1.69
Pigf	-1.72	Thyn1	-1.69
Ppp6c	-1.72	Timm8b	-1.69
Prr7	-1.72	Tie1	-1.69
Prrx2	-1.72	1500015O10Rik	-1.67
Psmc1	-1.72	1700029F09Rik	-1.67
Psmc2	-1.72	2610029J22Rik	-1.67
Rpo2tc1	-1.72	2610319K07Rik	-1.67
Sar1b	-1.72	2900060P06Rik	-1.67
Sec23a	-1.72	3830408P04Rik	-1.67
Serpine2	-1.72	4930471I01Rik	-1.67
Skp1a	-1.72	A130072J07Rik	-1.67
Socs4	-1.72	Actb	-1.67
Sostdc1	-1.72	Al840980	-1.67
Tbx2	-1.72	B130053110Rik	-1.67
Tmem32	-1.72	BC023823	-1.67
Ufd1l	-1.72	Bloc1s1	-1.67
Usp16	-1.72	Caml	-1.67
Usp4	-1.72	Cdc42ep4	-1.67
Zcchc3	-1.72	Cdca8	-1.67
Zfp532	-1.72	Cops7a	-1.67
Znhit2	-1.72	Ddx1	-1.67
0610007P14Rik	-1.69	Ebna1bp2	-1.67
1110055J05Rik	-1.69	Gas8	-1.67
1110067L22Rik	-1.69	Gm1673	-1.67
1200009B18Rik	-1.69	Gna12	-1.67
1500011L16Rik	-1.69	Gtf2e2	-1.67
1700023O11Rik	-1.69	Hemp1	-1.67
1810058I24Rik	-1.69	Knsl5	-1.67
2010316F05Rik	-1.69	LOC218482	-1.67
2310009M18Rik	-1.69	LOC226135	-1.67
2410042D21Rik	-1.69	LOC383802	-1.67

2810453L12Rik	-1.69	Magee1	-1.67
4930403J22Rik	-1.69	Max	-1.67
5031436O03Rik	-1.69	Mkrn3	-1.67
6330417G03Rik	-1.69	Mrlp9	-1.67
7030419K10Rik	-1.69	Mtch2	-1.67
9430023L20Rik	-1.69	Nsun5	-1.67
Adamts12	-1.69	Nubp1	-1.67
Agpat6	-1.69	Oxsr1	-1.67
Amd2	-1.69	Panx3	-1.67
Atp6a1	-1.69	Phlda2	-1.67
Axud1	-1.69	Pmm2	-1.67
BC027373	-1.69	Ppp1cb	-1.67
BC085271	-1.69	Ppp2r5c	-1.67
Bcl10	-1.69	Psmc5	-1.67
C230060E24	-1.69	Rbm38	-1.67
Ckap2	-1.69	Rnu65	-1.67
Cldn4	-1.69	Robo1	-1.67
Clic1	-1.69	scl000392.1_7	-1.67
D130063H01Rik	-1.69	Sdhb	-1.67
D730049H07Rik	-1.69	Sepw1	-1.67
Dolpp1	-1.69	Sirt2	-1.67
Efnb1	-1.69	Smyd5	-1.67
Hip2	-1.69	Sp7	-1.67
Hist1h2ai	-1.69	Spr	-1.67
Hist1h4m	-1.69	Stard3nl	-1.67
Hsd17b12	-1.69	Tacstd2	-1.67
Itgav	-1.69	Tbx2	-1.67
Kif26b	-1.69	Thumpd1	-1.67
Krt11-17	-1.69	Tmem14c	-1.67
Lsm4	-1.69	Trim63	-1.67
Matn4	-1.69	Tspo	-1.67
Ndufa5	-1.69	Ugcg	-1.67
Pfdn4	-1.69	Umps	-1.67
Ppia	-1.69	Vps45	-1.67
Psat1	-1.69	1110008F13Rik	-1.64
Psmb10	-1.69	1110021H02Rik	-1.64
Rbm19	-1.69	2310016C08Rik	-1.64
Satb1	-1.69	2310046G15Rik	-1.64
Sema3f	-1.69	2410003K15Rik	-1.64
Sh3bgrl	-1.69	2610200G18Rik	-1.64
Sic9a3r2	-1.69	2700088M22Rik	-1.64
Tbrg4	-1.69	4930403O06Rik	-1.64
Tcf3	-1.69	4930555L03Rik	-1.64
Tmem14c	-1.69	5031425E22Rik	-1.64
Tpd52l1	-1.69	A330066M24Rik	-1.64
Vti1b	-1.69	Abcf3	-1.64
1110002E22Rik	-1.67	Actr1b	-1.64
1110012O05Rik	-1.67	Ak2	-1.64
1500002I11Rik	-1.67	Asf1b	-1.64
1700012F10Rik	-1.67	Atp5f1	-1.64
1810043M15Rik	-1.67	Baalc	-1.64
2010100O12Rik	-1.67	Bad	-1.64
2310008M10Rik	-1.67	BC027231	-1.64
2510012J08Rik	-1.67	BC063749	-1.64
2810037C03Rik	-1.67	Bcap29	-1.64
2810453I06Rik	-1.67	Bcap37	-1.64
2810470D21Rik	-1.67	Bxdc1	-1.64
2900010D03Rik	-1.67	Cenpl	-1.64
4833424P18Rik	-1.67	Crls1	-1.64
A730086L23Rik	-1.67	D330023A14Rik	-1.64
A830059I20Rik	-1.67	E2f3	-1.64
Acat2	-1.67	Ei24	-1.64
Ankrd38	-1.67	Gas7	-1.64
Asb2	-1.67	Gbif	-1.64
Asb6	-1.67	Gm1943	-1.64
C630024N05Rik	-1.67	H2-DMa	-1.64
C630049M13	-1.67	Khdrbs1	-1.64
Chtf18	-1.67	Lgals1	-1.64
Cldn6	-1.67	LOC333830	-1.64
Cnot7	-1.67	LOC381633	-1.64
Commd3	-1.67	LOC382707	-1.64
Crabp1	-1.67	LOC382902	-1.64

D330050I23Rik	-1.67	LOC384338	-1.64
Dgkk	-1.67	Lrrc59	-1.64
Dicer1	-1.67	Mkks	-1.64
E430016J11Rik	-1.67	Mrpl22	-1.64
Eda2r	-1.67	Mtap6	-1.64
EG433923	-1.67	Nola3	-1.64
Eif2b1	-1.67	Pcdh20	-1.64
Fblim1	-1.67	Pfip	-1.64
Galnt1	-1.67	Pik3r1	-1.64
Gatad1	-1.67	Ppp4c	-1.64
Gpnmh	-1.67	Pycr2	-1.64
Gprasp2	-1.67	Rabac1	-1.64
ldb3	-1.67	scl0004166.1_8	-1.64
Kifc5a	-1.67	Sbx8	-1.64
Klhl6	-1.67	Tmsb10	-1.64
Kpna1	-1.67	Tnfrsf5	-1.64
Lbh	-1.67	Tyrobp	-1.64
LOC245350	-1.67	Wsb2	-1.64
LOC380928	-1.67	Zdhhc13	-1.64
Midn	-1.67	1110018J23Rik	-1.61
Msr2	-1.67	1190002H23Rik	-1.61
Nola2	-1.67	1190002L16Rik	-1.61
Pak3	-1.67	1600013P15Rik	-1.61
Phactr4	-1.67	1600023H17Rik	-1.61
Psmh2	-1.67	1700001A24Rik	-1.61
Rab4a	-1.67	1810017G16Rik	-1.61
Rwdd1	-1.67	2310004N24Rik	-1.61
Sec61b	-1.67	2310007D09Rik	-1.61
Srx24	-1.67	2610019N13Rik	-1.61
Sp7	-1.67	2810410P22Rik	-1.61
Stk6	-1.67	3830432E14Rik	-1.61
Tdg	-1.67	3830612M24	-1.61
Tiam2	-1.67	6030457N17Rik	-1.61
Tmem160	-1.67	A530082O13Rik	-1.61
Ttc13	-1.67	A630005A06Rik	-1.61
Ube2n	-1.67	A830059I20Rik	-1.61
Ubl4	-1.67	Aldoa	-1.61
	-1.64	Alg2	-1.61
15-Sep		B130017M24Rik	-1.61
1500041J02Rik	-1.64	C030014I23Rik	-1.61
1810009K13Rik	-1.64	Cct6a	-1.61
1810020D17Rik	-1.64	Cdc2a	-1.61
1810058I14Rik	-1.64	Cdk8	-1.61
2010002N04Rik	-1.64	Clptm1	-1.61
2310022M17Rik	-1.64	Cox7a2	-1.61
2600010E01Rik	-1.64	Csnk1d	-1.61
2610024N24Rik	-1.64	Cspg4	-1.61
2810021O14Rik	-1.64	D130027M04Rik	-1.61
2810417H13Rik	-1.64	D330006C15Rik	-1.61
4933434E20Rik	-1.64	D630048P19Rik	-1.61
Abat	-1.64	Dpysl4	-1.61
Actr1b	-1.64	E130309N05Rik	-1.61
Akt1s1	-1.64	E430026A01Rik	-1.61
Alg10b	-1.64	Fis1	-1.61
Anapc4	-1.64	Fstl3	-1.61
Ankrd2	-1.64	Gatad1	-1.61
Arpc3	-1.64	Gpr1	-1.61
B430320C24Rik	-1.64	Hist1h3c	-1.61
Bola3	-1.64	Hoxa11s	-1.61
Casp7	-1.64	Krt1-16	-1.61
Ccnb1	-1.64	Lmod1	-1.61
Cdk2	-1.64	LOC209372	-1.61
Crnk1	-1.64	LOC232879	-1.61
D430026P16Rik	-1.64	Lrch2	-1.61
D5Ert591e	-1.64	Mest	-1.61
Ebf2	-1.64	Mllt1	-1.61
Fmnl3	-1.64	Mrpl54	-1.61
Galnt10	-1.64	Nuak1	-1.61
Hist1h2bl	-1.64	Nudt8	-1.61
Hnrpab	-1.64	Pafah1b1	-1.61
Hs3st3a1	-1.64	Pem	-1.61
Jun	-1.64	Plekhg2	-1.61
Kif4	-1.64		

Lama1	-1.64	Pop7	-1.61
LOC215879	-1.64	Ppapdc1	-1.61
LOC232879	-1.64	Ppp1r14b	-1.61
LOC233908	-1.64	Ppp2cb	-1.61
LOC381640	-1.64	Ppp2r2a	-1.61
LOC382215	-1.64	Psme3	-1.61
LOC382245	-1.64	Pvr	-1.61
LOC384206	-1.64	Qars	-1.61
Ltbp1	-1.64	Rangap1	-1.61
Mrpl12	-1.64	Rgs1	-1.61
Mrpl22	-1.64	Rin3	-1.61
Mrps18c	-1.64	Rnf41	-1.61
Mtf1	-1.64	Rplp2	-1.61
Nme7	-1.64	scl0001379.1_70	-1.61
Npr3	-1.64	scl0001905.1_3	-1.61
Panx3	-1.64	scl0002069.1_48	-1.61
Pigl	-1.64	Scoc	-1.61
Ppp1r2	-1.64	Sertad4	-1.61
Prkag1	-1.64	Sox9	-1.61
Prpf3	-1.64	Sytl2	-1.61
Rbm3	-1.64	Tbcd	-1.61
Rcn3	-1.64	Xpo6	-1.61
Reep1	-1.64	Z210016L21Rik	-1.59
scl0003448.1_536	-1.64	Z410008K03Rik	-1.59
scl0004059.1_11	-1.64	Z410018G23Rik	-1.59
Sec8l1	-1.64	Z810003C17Rik	-1.59
Sh3md2	-1.64	Z110001P07Rik	-1.59
Slc25a14	-1.64	Z830422K02Rik	-1.59
Snn	-1.64	Z4930438D12Rik	-1.59
St3gal3	-1.64	Z9430065L19Rik	-1.59
Tmem23	-1.64	Z9630050M13Rik	-1.59
Tox	-1.64	Z130029H05Rik	-1.59
Trib2	-1.64	ZA630098G22Rik	-1.59
Ube2e3	-1.64	ZAA792894	-1.59
Uros	-1.64	ZAnkrd2	-1.59
Zfp521	-1.64	ZAscc2	-1.59
Zfp91	-1.64	ZBC008103	-1.59
1110001A12Rik	-1.61	ZBC085271	-1.59
1200009O22Rik	-1.61	ZC330008K14Rik	-1.59
2010203O07Rik	-1.61	ZC630049M13	-1.59
2610528M18Rik	-1.61	ZC920007D24Rik	-1.59
2700029M09Rik	-1.61	ZCasp1	-1.59
4631422O05Rik	-1.61	ZCcdc124	-1.59
4933428A15Rik	-1.61	ZCKlfsf5	-1.59
6820428D13	-1.61	ZCmas	-1.59
8030448M07Rik	-1.61	ZColm	-1.59
A130029H05Rik	-1.61	ZCtgf	-1.59
A830030H10Rik	-1.61	ZD5Wsu178e	-1.59
Aabp3-pending	-1.61	ZDapk3	-1.59
Arl4	-1.61	ZDhrs1	-1.59
AU022252	-1.61	ZDFosl1	-1.59
BC034054	-1.61	ZDFut8	-1.59
Cbx1	-1.61	ZGalnt11	-1.59
Chn2	-1.61	ZGm169	-1.59
Chrm3	-1.61	ZGm71	-1.59
Clpp	-1.61	ZGss	-1.59
Cmya4	-1.61	ZHspd1	-1.59
Col4a2	-1.61	Zlct1	-1.59
Cugbp1	-1.61	Zltgav	-1.59
D330006C15Rik	-1.61	Zltgb6	-1.59
D6Wsu163e	-1.61	ZKlf7	-1.59
Dcun1d3	-1.61	ZLingo2	-1.59
Ddir3	-1.61	ZLOC230896	-1.59
Ddx3x	-1.61	ZLOC232286	-1.59
Dnajc15	-1.61	ZLOC380781	-1.59
Dpysl4	-1.61	ZLOC383981	-1.59
Dscr111	-1.61	ZLrig1	-1.59
E430036I04Rik	-1.61	ZMpeg1	-1.59
Emr1	-1.61	ZMrpl44	-1.59
Evl	-1.61	ZMrps10	-1.59
Fbxo28	-1.61	ZMtap1b	-1.59
Frda	-1.61	ZMy12	-1.59

Fubp1	-1.61	Ndufb7	-1.59
Gm1943	-1.61	Nfyb	-1.59
Gne	-1.61	Pja1	-1.59
Gosr2	-1.61	Poir2h	-1.59
Hist1h2bp	-1.61	Ptp4a3	-1.59
Hist1h4f	-1.61	Pxdn	-1.59
Hn1	-1.61	scl0002916.1_10	-1.59
Hspc171	-1.61	Slc19a2	-1.59
Ireb2	-1.61	Slc30a7	-1.59
Kcnmb4	-1.61	Tgfb2	-1.59
LOC231444	-1.61	Thsd6	-1.59
LOC380781	-1.61	Tuba7	-1.59
LOC383897	-1.61	Zfx1a	-1.59
Mapkap1	-1.61	1110030C22Rik	-1.56
Nars	-1.61	1200007D18Rik	-1.56
Ncaph2	-1.61	1700066F09Rik	-1.56
Ndel1	-1.61	2010203O07Rik	-1.56
Nif3l1	-1.61	2310015N07Rik	-1.56
Nip7	-1.61	2310069P03Rik	-1.56
Nppa	-1.61	2410166I05Rik	-1.56
Nsf	-1.61	2610002J02Rik	-1.56
Pak2	-1.61	2610009O05Rik	-1.56
Pem	-1.61	3110052N05Rik	-1.56
Polr2i	-1.61	3632451O06Rik	-1.56
Rabl3	-1.61	9430016H08Rik	-1.56
Rabl5	-1.61	A030004J04Rik	-1.56
Rangap1	-1.61	A530065H22Rik	-1.56
Rbm38	-1.61	Acad8	-1.56
Rfc2	-1.61	Apobec1	-1.56
Rgs1	-1.61	Arl2bp	-1.56
Sae1	-1.61	Atp5i	-1.56
scl0002759.1_7	-1.61	Atp6v1c1	-1.56
Slc1a4	-1.61	B130015M16Rik	-1.56
Smarcad1	-1.61	C330023M02Rik	-1.56
Stk40	-1.61	C530008M17Rik	-1.56
Tipt	-1.61	C78915	-1.56
Thoc1	-1.61	Cai	-1.56
0610009E20Rik	-1.59	Cdc20	-1.56
0710005M24Rik	-1.59	Cdk9	-1.56
1110018G07Rik	-1.59	Cnih4	-1.56
1200003E16Rik	-1.59	Dcun1d3	-1.56
1600013P15Rik	-1.59	Dscr2	-1.56
1700022J01Rik	-1.59	E430033B07Rik	-1.56
1810031K02Rik	-1.59	Elavl2	-1.56
1810047K05Rik	-1.59	Fbxo28	-1.56
2010320M18Rik	-1.59	Fntb	-1.56
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2310003C23Rik	-1.59	Gtrgeo22	-1.56
2310030G09Rik	-1.59	Hapl1	-1.56
2600011E07Rik	-1.59	Hist4h4	-1.56
2610207P08Rik	-1.59	Impact	-1.56
4933433P14Rik	-1.59	Impdh1	-1.56
6720463E02Rik	-1.59	LOC383706	-1.56
9330132O05Rik	-1.59	Mapre1	-1.56
9630050M13Rik	-1.59	Med19	-1.56
A430024H01Rik	-1.59	Metm	-1.56
Al481750	-1.59	Mrs18a	-1.56
Armcx3	-1.59	Msr2	-1.56
Atf5	-1.59	Nme1	-1.56
Atp6v0e	-1.59	Npm3	-1.56
AW146242	-1.59	Pitx2	-1.56
BC002163	-1.59	Pmvk	-1.56
BC024955	-1.59	Ppp2r1b	-1.56
C030002B11Rik	-1.59	Prg4	-1.56
C230067O06Rik	-1.59	Rcl1	-1.56
Cai	-1.59	Rnf26	-1.56
Capzb	-1.59	Rpl7a	-1.56
Catnbip1	-1.59	scl0003651.1_17	-1.56
Cbfb	-1.59	Senp3	-1.56
Cdc42se1	-1.59	Slc20a1	-1.56
Cdca4	-1.59	Smarcb1	-1.56
Cenpi	-1.59	Snrpd3	-1.56

Cops5	-1.59	Sbx6	-1.56
Crk	-1.59	Supt4h2	-1.56
Csrp3	-1.59	Tollip	-1.56
Cttn	-1.59	Tox	-1.56
Dcun1d2	-1.59	Tll11	-1.56
Erp29	-1.59	Uchl5	-1.56
Golph2	-1.59	Uqcr	-1.56
Gusb	-1.59	Uxt	-1.56
Homer1	-1.59	Vps4a	-1.56
Ict1	-1.59	Wbscr22	-1.56
Lingo2	-1.59	Xbp1	-1.56
LOC224732	-1.59	Ywhah	-1.56
LOC384009	-1.59	Znhit1	-1.56
Lrm3	-1.59	1110001C20Rik	-1.54
Maea	-1.59	1110007C05Rik	-1.54
Mrpl54	-1.59	1110011K10Rik	-1.54
Myom1	-1.59	1110038B12Rik	-1.54
Nde1	-1.59	1110065P19Rik	-1.54
Obfc2a	-1.59	1110067L22Rik	-1.54
Osbpl5	-1.59	2310040A07Rik	-1.54
Pdcd6ip	-1.59	2310057G13Rik	-1.54
Pep4	-1.59	2610024G14Rik	-1.54
Pls3	-1.59	2610203C22Rik	-1.54
Psm4	-1.59	2810411E12Rik	-1.54
Psmd14	-1.59	2900008M13Rik	-1.54
Pthr1	-1.59	2900036G02Rik	-1.54
Rgl1	-1.59	3110001A05Rik	-1.54
Rrad	-1.59	4930402I24Rik	-1.54
S100a15	-1.59	5730438N18Rik	-1.54
scl0002720.1_68	-1.59	9530048O09Rik	-1.54
scl0004166.1_8	-1.59	Adamts12	-1.54
Shcbp1	-1.59	Adrb2	-1.54
Siat9	-1.59	Al467606	-1.54
Smurf2	-1.59	Alg3	-1.54
Solt	-1.59	Asb8	-1.54
Taf12	-1.59	Atp5e	-1.54
Tceb2	-1.59	B930041F14Rik	-1.54
Ttc1	-1.59	BC025076	-1.54
Twist2	-1.59	Bop1	-1.54
Wig1	-1.59	Car13	-1.54
Zfp597	-1.59	Cmtm7	-1.54
1110003E08Rik	-1.56	Crym	-1.54
1110056N09Rik	-1.56	Cs	-1.54
1810008O21Rik	-1.56	Csrp3	-1.54
2610208M17Rik	-1.56	Cxx1c	-1.54
4933417E08Rik	-1.56	D330004C03Rik	-1.54
6330407D12Rik	-1.56	D530030D03Rik	-1.54
9330158N06Rik	-1.56	Dorz1	-1.54
AF233884	-1.56	Dynll1	-1.54
Al846148	-1.56	E430036I04Rik	-1.54
Atf4	-1.56	Ehd1	-1.54
Btbd11	-1.56	Fzd3	-1.54
C630002N04Rik	-1.56	Gart	-1.54
Capza1	-1.56	Gcat	-1.54
Col1a2	-1.56	Gucy1b3	-1.54
Colm	-1.56	Hbb-b1	-1.54
Commd5	-1.56	Hpgd	-1.54
Crim1	-1.56	LOC224048	-1.54
Crym	-1.56	LOC380747	-1.54
D030060M11Rik	-1.56	LOC654842	-1.54
D2Bwg1335e	-1.56	Mpdu1	-1.54
D830014B20Rik	-1.56	Mrgprf	-1.54
Dctn6	-1.56	Mrpl28	-1.54
Ddx54	-1.56	Mrpl36	-1.54
Dio3	-1.56	Ndufa8	-1.54
Dncic2	-1.56	Nfatc4	-1.54
Dpysl5	-1.56	Npn3	-1.54
Drbp1	-1.56	Nxn	-1.54
Enc1	-1.56	Pcsk9	-1.54
Fut8	-1.56	Pop5	-1.54
Gadd45b	-1.56	Rnf170	-1.54
Gm1821	-1.56	Rrad	-1.54

Kifc1	-1.56	scl000158.1_101	-1.54
Lmod1	-1.56	scl000171.1_4	-1.54
LOC385659	-1.56	scl0002124.1_39	-1.54
Map2k2	-1.56	scl0002275.1_1	-1.54
Mrpl3	-1.56	Sdcbp	-1.54
Mrpl43	-1.56	Sec61a1	-1.54
Myef2	-1.56	Snrpg	-1.54
Ndc80	-1.56	Spg7	-1.54
Nup107	-1.56	Sprr1b	-1.54
Nup50	-1.56	St3gal3	-1.54
Polydom	-1.56	Tcf3	-1.54
Ppfia1	-1.56	Tec	-1.54
Ppp4c	-1.56	Tmem15	-1.54
Ptrf	-1.56	Trem2	-1.54
Rbbp7	-1.56	Vamp3	-1.54
Scarb2	-1.56	Zfp313	-1.54
scl0001905.1_3	-1.56	Zfp36	-1.54
scl0003933.1_1635	-1.56	1110020A09Rik	-1.52
scl000911.1_939	-1.56	1500026D16Rik	-1.52
Sf3b5	-1.56	1700025G04Rik	-1.52
Slc25a24	-1.56	1700112C13Rik	-1.52
Slc8a1	-1.56	1810046J19Rik	-1.52
Sparc	-1.56	2310061109Rik	-1.52
Taf11	-1.56	2410005K20Rik	-1.52
Tceal1	-1.56	2610009E16Rik	-1.52
Tmem183a	-1.56	2610103J23Rik	-1.52
Trappc2	-1.56	2700038N03Rik	-1.52
Tsg101	-1.56	2810017102Rik	-1.52
Tssc4	-1.56	2810453I06Rik	-1.52
Tuba3	-1.56	2900054P12Rik	-1.52
Usp5	-1.56	3830408G10Rik	-1.52
Xpo5	-1.56	4933407H13Rik	-1.52
Ywhab	-1.56	6330407G11Rik	-1.52
Ywhaq	-1.56	6430537F04	-1.52
1700012G19Rik	-1.54	9430098E02Rik	-1.52
1810018P12Rik	-1.54	Acsl3	-1.52
1810020C02Rik	-1.54	AF233884	-1.52
2310015B20Rik	-1.54	Ap2m1	-1.52
2310032M22Rik	-1.54	AU021838	-1.52
2310040B03Rik	-1.54	AW046396	-1.52
2810405I11Rik	-1.54	B830015C02Rik	-1.52
2810437L13Rik	-1.54	BC017612	-1.52
2900060P06Rik	-1.54	BC056474	-1.52
3000004C01Rik	-1.54	Bccip	-1.52
3930401E15Rik	-1.54	Bid	-1.52
4933412A02Rik	-1.54	C79267	-1.52
6330579B17Rik	-1.54	Camk2g	-1.52
8430410K20Rik	-1.54	Cd96	-1.52
9530048O09Rik	-1.54	Cdca4	-1.52
Atp6v0b	-1.54	Cla3	-1.52
Barx1	-1.54	Cldn12	-1.52
BC043098	-1.54	Coq5	-1.52
C630002C18Rik	-1.54	Cttn	-1.52
C920011N12Rik	-1.54	Cx3cr1	-1.52
Ccdc109a	-1.54	D430026P16Rik	-1.52
Cct6a	-1.54	Doun1d2	-1.52
Cd72	-1.54	Eif2c2	-1.52
Cdk4	-1.54	Elovl4	-1.52
Cdv3	-1.54	Gpc6	-1.52
Clecsf8	-1.54	Guk1	-1.52
Cnih4	-1.54	Hspca	-1.52
Cno	-1.54	Igf2r	-1.52
D15Erttd366e	-1.54	LOC114601	-1.52
Dbr1	-1.54	LOC219215	-1.52
Dcbld1	-1.54	LOC232047	-1.52
Dnajc7	-1.54	LOC244864	-1.52
Dncl1c	-1.54	LOC245297	-1.52
Dph2	-1.54	LOC381873	-1.52
Dysf	-1.54	Mapkap1	-1.52
Egfl9	-1.54	MGC41689	-1.52
Eif4el3	-1.54	Notch1	-1.52
Gnpda1	-1.54	Nppa	-1.52

Hapln1	-1.54	Nsfl1c	-1.52
Hhip	-1.54	Pcdh17	-1.52
Hist1h2an	-1.54	Pdgfc	-1.52
Hist1h3c	-1.54	Prdx2	-1.52
Hrmt1l2	-1.54	Prdx3	-1.52
Itgb1bp1	-1.54	Rnf141	-1.52
Kctd20	-1.54	Rpph1	-1.52
Kif2c	-1.54	scl0003933.1_1635	-1.52
LOC277856	-1.54	Slc30a1	-1.52
LOC278097	-1.54	Snx4	-1.52
LOC380871	-1.54	Tmed3	-1.52
LOC382691	-1.54	Trim27	-1.52
Ltap	-1.54	Trpv2	-1.52
Mageh1	-1.54	Tuba3	-1.52
Mast2	-1.54	Urp	-1.52
Mcm7	-1.54	Vgll4	-1.52
Mkm3	-1.54	Yme1l1	-1.52
Mycbp	-1.54	1810013L24Rik	-1.49
Nans	-1.54	2010009J12Rik	-1.49
Ncoa5	-1.54	2600005N12Rik	-1.49
Nme2	-1.54	2810422B04Rik	-1.49
Nox4	-1.54	BC003965	-1.49
Nppb	-1.54	Cops7b	-1.49
Paip1	-1.54	Cpsf5	-1.49
Pbk	-1.54	D630041K24Rik	-1.49
Pcbp4	-1.54	Gtf2h4	-1.49
Pdk3	-1.54	Nme2	-1.49
Prkar2b	-1.54	Nup50	-1.49
Pscd4	-1.54	Pmaip1	-1.49
Psmc8	-1.54	Rai12	-1.49
Rab1b	-1.54	Rce1	-1.49
Rac3	-1.54	S100a9	-1.49
Ramp1	-1.54	Sf3b5	-1.49
Rap1b	-1.54	Snrpd2	-1.49
Rbm8	-1.54	Sra1	-1.49
Rhoj	-1.54		
Rngtt	-1.54		
Scamp5	-1.54		
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scl0002916.1_10	-1.54		
scl000728.1_50	-1.54		
Sesn2	-1.54		
Sirt1	-1.54		
Slc19a2	-1.54		
Slco3a1	-1.54		
Ssbp2	-1.54		
Stoml2	-1.54		
Stx6	-1.54		
Sumo3	-1.54		
Taldo1	-1.54		
Tebp	-1.54		
Tnfrap1	-1.54		
Tnfrsf11	-1.54		
Trim26	-1.54		
Ube2v1	-1.54		
Vdp	-1.54		
Wdr8	-1.54		
Xab1	-1.54		
Zmpste24	-1.54		
1300011L04Rik	-1.52		
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2010321M09Rik	-1.52		
2210037E17Rik	-1.52		
2610200G18Rik	-1.52		
2810004A10Rik	-1.52		
4933405A16Rik	-1.52		
4933412E12Rik	-1.52		
5830416A07Rik	-1.52		
5930418K15Rik	-1.52		
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9830131B04Rik	-1.52		
A030004J04Rik	-1.52		



A330066M24Rik	-1.52
AI747699	-1.52
Ank1	-1.52
Ap1g1	-1.52
Ap3d1	-1.52
BC034090	-1.52
BC058638	-1.52
C80879	-1.52
Ccdc56	-1.52
Ccl3	-1.52
Ccnc	-1.52
Cklfsf5	-1.52
Col6a2	-1.52
Cplx2	-1.52
D430019H16Rik	-1.52
Dad1	-1.52
Dapk3	-1.52
Dbccr1	-1.52
Dok5	-1.52
E130306F01Rik	-1.52
Elf2ak1	-1.52
Erich1	-1.52
Gkap1	-1.52
Hist2h3b	-1.52
Hmgn1	-1.52
Irga5	-1.52
Kctd1	-1.52
LOC212963	-1.52
LOC216443	-1.52
LOC245651	-1.52
LOC331490	-1.52
LOC381285	-1.52
Lyz	-1.52
Mak10	-1.52
MGC41689	-1.52
Mpeg1	-1.52
Mrps28	-1.52
Myl2	-1.52
Ndufa4	-1.52
Nlk	-1.52
Nmt1	-1.52
Nsf1c	-1.52
Nudt1	-1.52
Pcdh20	-1.52
Pmf1	-1.52
Prei3	-1.52
Psm2	-1.52
Psm5	-1.52
Ptk7	-1.52
Rab1f	-1.52
Rad51	-1.52
Rars	-1.52
Rbx1	-1.52
Sec6l1	-1.52
Slah1b	-1.52
Slc12a2	-1.52
Slc16a4	-1.52
Smoc2	-1.52
Smu1	-1.52
Snrbp	-1.52
Spcs3	-1.52
Spin2	-1.52
Spryd4	-1.52
Tm4sf8	-1.52
Tmem108	-1.52
Tmhc4	-1.52
Tnfrsf5	-1.52
Vac14	-1.52
Zfp365	-1.52
2310003F16Rik	-1.49
2310010I15Rik	-1.49
3632451O06Rik	-1.49

B230114H05Rik	-1.49
Chc1	-1.49
Clns1a	-1.49
Hbb-b1	-1.49
Lin54	-1.49
Loxl1	-1.49
Nutf2	-1.49
Picalm	-1.49
Rab5a	-1.49
Rsu1	-1.49
Rybp	-1.49
Sh3glb1	-1.49
Ube2s	-1.49
Zfp608	-1.49