

Up regulated		Down regulated			
1200009I06Rik	Lphn2	Actr1	Galnt9	Pmt8	4631419I20
2310031A18Rik	Lrp12	Al326223	Glipr1	Psmb2	4922501C03Rik
2600010E01Rik	Lxn	Al854703	Gm364	Pthr1	A130022J21Rik
3830417A13Rik	Mex3b	AK037715	Gm397	Ptpn4	A430060F13Rik
5033430I15Rik	Mpped2	AK043063	Gm428	Reep6	A430089I19Rik
6720469N11Rik	Mst1r	AK043520	Gprn1	Rpl39l	A530040E14Rik
8030488J09Rik	Myo5b	AK084299	H19	Sgk2	A530057A03Rik
8430415E04Rik	Npr2	AK087320	Hkdc1	Sfn8	A630077J23Rik
A2m	Olf1289	AK089722	Hlf	Smc1b	D630039A03Rik
Abhd3	Pdgfa	Aqp8	Hoxb13	Smtnl1	ENSMUSG00000054990
Acta1	Phldb2	Asphd1	Hpca	Sohlh2	ENSMUST00000053608
Afap1l2	Pitx1	BC061212	Hrh3	Sox30	
Agpat9	Prtg	Bl151587	Hus1b	Spic	
Al836003	Punc	Bmper	Klk8	Srgn	
AK038388	Rab6b	Btbd9	Ldhal6b	Syce1	
Ankrd1	Rbp1	Cabp2	LOC436089	TC1418772	
Anxa1	Rcor3	CF584628	LOC544881	TC1501700	
Anxa3	Rhox5	Chac1	LOC625240	Tcstv1	
Bin1	Rhox6	Chga	LOC625599	Tcstv3	
Calml4	Rhox9	CJ243128	LOC636082	Tctn2	
Casp8	Rin3	CN716893	Lrrc33	Tmem179	
Chst5	S100a13	Cox6a2	Lyzl4	Tnnc2	
Cited1	Scx	Cox8c	Ms4a10	Tnrc4	
Cited4	Sqpl1	Crtam	Myo1f	Trh	
Cryab	Slc2a12	Crybb2	Myo1g	Tro	
Cxcr7	Slc40a1	Cubn	NAP026504-1	Trp73	
Dab1	Tacstd2	Cxxc6	NAP056550-1	Tspan8	
Dppa3	Tagln	Cyp4f14	NAP057114-1	Ube1y1	
Efemp1	TC1466661		NAP113099-1	Upb1	
Eomes	TC1491311	Ddx3y	Neurod1	V1rd15	
Farp1	Tmprss2	Dmrtc1c	Nostrin	Wbp2nl	
Fgf8	Tnni2	Dpep3	Nsq2	Xlr3b	
Fhl1	Tpm1	Dub1	Nudt12	Xlr4b	
Flt3l	Tspan9	Efhc2	Olf550	Xlr5c	
Galnt1	Ttc9	Eif2s3y	Olf984	Xlr5d-ps	
Gcgr	Ubd	F2rl2	Otx2	Zbp1	
Hyl	Vnn1	Fbp1	Pax6	Zfp418	
Igf2	Wnt3	Fcgr2b	Pdzd3	1700019N12Rik	
Kirrel	Wnt7a	Fgf15	Piwil4	1700057H21Rik	
Krt20	Wnt7b	Fkbp6	Pla2g12b	2210016H18Rik	
Lmo1	Zdhhc2	Foxa2	Plagl1	2410076I21Rik	
LOC219180	Znf512b	Ftcd	Pnljpp2	3100002J23Rik	

Figure S2: Gene expression profile analysis of Tet1 knockout ES cells

List of genes deregulated by two folds or more in two independent Tet1 knockout mESCs compared to wild type ES cells as determined by global gene expression profile analysis.

Related to Figure 2.