

S3 Table

Labels	Number of genes	Genes			
CWTxCKO CWTxHWT HWTxHKO	2	Bex4 Cpn1			
CKOxHKO CWTxCKO HWTxHKO	2	Mogat2 Trf			
CKOxHKO CWTxCKO CWTxHWT	2	Agxt2l1 Mgst1			
CKOxHKO CWTxHWT HWTxHKO	5	Ccrn4l Cd19 Cdca7l Hp Serpina3n			
CWTxCKO HWTxHKO	82	5330417C22Rik Abca13 Abcd4 Abp1 Acot11 Acy1 Aebp1 Aldh1l2 Angptl7 Arl4a Arnt2 Atp6v1g3 BC064078 Blnk C2 C8a Car3 Casr Ccdc3 Cdhr2 Ces1g	Clu Cyp2d12 D10Bwg1379e D630023F18Rik Dapp1 Dgkb Emb Eps8l1 Etnk2 Fads1 Fetub Foxred2 Gabrb3 Gamt Gm1332 Gm4952 Gpc3 Gpr30 Gulo Hexa Hist2h2be	Hkdc1 Hpse2 Il17rb Itgb4 Kif6 Lgals3bp Limd2 LOC621549 Lxn Mboat1 Mt2 Muc1 Myo3b Myof Ngfrap1 Nlrc4 Npl Nup93 Olfr1286 Pamr1 Papln	Psat1 Ptpn22 Rab42-ps Rgs11 Rhou Sectm1b Slc8a1 Snhg11 Snx31 Spink8 Stap1 Stk32b Sult1c2 Susd1 Susd2 Tmem97 Trpc5 Ttr Zcchc16
CWTxCKO CWTxHWT	85	1700003F12Rik 1700029H14Rik 2810025M15Rik 3300005D01Rik 4930444G20Rik 4930447K03Rik 4930591A17Rik 4933433G19Rik 5830473C10Rik 7530416G11Rik A430107O13Rik Adam24 Adamts13	Col9a3 Cxcl1 Dkk4 Drd5 Efemp1 Gli1 Gm11564 Gm13271 Gm13430 Gm16197 Gm16519 Gm5154 Gm7102	Krt34 Lce3c Lcn6 LOC100861931 Lzts1 Maged2 Mir184 Mir486 Mir551b Mir92b Mybpc2 Myod1 Olfr1226	Pla2g10 Pou2af1 Prph2 Prss35 Rasd2 Rbp4 Sema3c Serpina3h Slc24a4 Slc39a5 Sox10 Sprr2e Svs5

		Adcy2 Angpt4 Arhgap33 B3gnt8 BB319198 Bpifb2 Cd300lh Cdh24 Cldn11	Gpr31b Grin3b Gsdmcl2 Gsx1 Igsf10 Kcna2 Kcnn3 Klhdc1	Olfr1428 Olfr1502 Olfr382 Olfr410 Olfr93 Orm1 P2rx2 Pcdh8	Syt5 Tcf24 Tex19.2 Tmcc2 Trip13 Trpd52l3 Ugt2b34 Zp4-ps
CWTxHWT HWTxHKO	1	Lrrc61			
CKOxHKO HWTxHKO	61	A730028G07Rik Aacs Adamts16 Arl13b Arsj AU041133 C030013D06Rik C9 Cbfb Ccdc21 Ccl9 Ces2g Cidec Defb2 Dleu2 Fcamr	Fkbp1b Foxq1 Gbp7 Gm13315 Gm20236 Gm20257 Gm3219 Gm7429 Gpr64 Hoxb3 Ikzf4 Il7r Irgm2 Jarid2 Kif23	Klk1b8 Maob Mir10a Mir3101 Mir532 Mrpl27 Ntn4 Ogdhl Pappa Pik3r3 Pilrb1 Prr5 Rasgrp1 Riok1 Rpl5	Rtn1 Slc16a14 Slc4a9 Snora20 Socs2 Sp4 Tcp1 Tet2 Try5 Tspan6 Vsig1 Zfp180 Zfp449 Zfp52 Zwilch
CKOxHKO CWTxHWT	99	4930572J05Rik 4933409K07Rik 9530091C08Rik Abcb1a Abcb1b Acnat1 Agt Aim1l Apob Apoe Atr Brca2 C3 C730036E19Rik Car14 Ccdc141 Cdc14a Cdkl5 Cklf Cml1 Col27a1 Cp Dak Dhrs7 Dusp9	Dzip1 Eci1 Ednra Egln3 Eid3 Fabp5 Fam78a Fgf18 Gc Gldc Gm13298 Gm20342 Gm6614 Gm7457 Gria3 Gsto1 Hmgcs2 Hoxa1 Hoxc8 Id1 Id2 Id3 Immp2l Kcna4 Kcnip2	Klk1b7-ps Leprel1 Med24 Mmp12 Mpzl2 Mybl1 Nbeal2 Nmrk1 Nrxn2 Pbx4 Pck1 Pdk1 Pdxk Pklr Pla2g5 Prlr Ptgs2 Pvalb Rdh18-ps Rgs5 Serinc5 Slc13a2 Slc13a3 Slc16a6 Slc19a3	Slc25a25 Slc2a5 Slc5a10 Slc6a4 Slc7a12 Smad7 Snora16a Snora17 Snora31 Snora70 Spns2 St3gal1 Taf1d Tfcp2l1 Tmie Tnxb Trim34a Tspan18 Ugt1a10 Vkorc1 Wee1 Wsb1 Zfp161 Zfp454

CWTxCKO	338	1500011B03Rik	Ctsz	Has3	Olfr437
		1700007J10Rik	Cxcl13	Heph	Olfr525
		1700025N23Rik	Cxcl16	Hhip	Olfr541
		1700121N20Rik	Cyp26c1	Htr3a	Olfr66
		1810046K07Rik	Cyp2a12	Hvcn1	Olfr661
		2010002N04Rik	Cyp2c69	I830127L07Rik	Panx1
		2300005B03Rik	Cyp2d11	Ifna7	Pbld2
		2310007B03Rik	Cyp2r1	Igf2bp1	Pcdh17
		2610016A17Rik	D17H6S56E-5	Ighv1-72	Pdcd1
		3110035E14Rik	D330028D13Rik	Igh-VJ558	Pdilt
		3110082I17Rik	Dact3	Iglv1	Pdlim3
		3930402G23Rik	Defa-rs1	Il17c	Pgrmc1
		4922505E12Rik	Defb35	Il5ra	Pkd1l2
		4930433N12Rik	Defb42	Irx6	Plagl1
		4930459I23Rik	Dgkz	Isl2	Plin4
		4930474N09Rik	Dnahc2	Ilgam	Pmaip1
		4930483J18Rik	Dnajc5b	Itgfb2	Ppargc1a
		4930589P08Rik	Dnali1	Kcne1l	Pqlc2
		4931403M11Rik	Dscaml1	Kcnh3	Prh1
		4933405L10Rik	Dusp2	Kcnh7	Prom1
		4933408J17Rik	E030030I06Rik	Kcnk13	Psg19
		4933429O19Rik	E230025N22Rik	Kcnk7	Psors1c2
		4933430I17Rik	Ear5	Kif18b	Pspn
		4933433C11Rik	Efna3	Klrb1f	Ptgds
		5430437J10Rik	Eps8l3	Krt24	Pycr1
		9030619P08Rik	Fam13c	Krt31	Rab9b
		9130008F23Rik	Fam171a2	Lce1i	Rasgef1a
		9230117E06Rik	Fam55c	Lcn8	Rd3
		9530026F06Rik	Fbl1l	Lefty1	Reln
		A530006G24Rik	Fcgbp	Leprel2	Rhobtb3
		A530020G20Rik	Fgf22	Lhfp12	Rhox3g-ps
		A630038E17Rik	Fgfbp1	Lhfp14	Rnf39
		Abpa	Fkbp6	LOC100040974	Rpl13
		Acat3	Foxi1	LOC100861572	Scrn1
		Ace2	Foxi3	Lpar2	Sctr
		Actn3	Fxc1	Lrfrn1	Sdk1
		Adam23	G630093K05Rik	Lrrc50	Serp2
		Adprhl2	Galnt13	Lrrn3	Serpinb9
		Adra2c	Galnt9	Lrrtm1	Serpind1
		Afp	Gcsh	Ltbp2	Sez6l2
		Ano9	Gdf2	Luzp2	Sfn
		Apcdd1	Gjb4	Lypd3	Sftpb
		Apom	Gjc1	Mab21l3	Shd
		Arhgap23	Gltpd2	Mageb16-ps1	Sidt1
		Arhgdig	Gm10100	Magi2	Six6
		Asb11	Gm10318	Man2b2	Slc17a4
		AU016765	Gm10584	March10	Slc17a9
		B4galt7	Gm10636	Med7	Slc34a2
		Bach2	Gm10782	Mir124a-2	Slc6a5
		Barx2	Gm1096	Mir187	Slc7a15
		BC067074	Gm11541	Mir191	Snca
		Bco2	Gm12248	Mir194-1	Sncb
		Bdnf	Gm13080	Mir194-2	Sostdc1

		Bmp15	Gm13286	Mir1943	Sox9
		Bms1	Gm14047	Mir3091	Sp6
		Bpifb9b	Gm14407	Mir337	Sssca1
		Btnl1	Gm17540	Mir421	Stab2
		C130050O18Rik	Gm19462	Mir450-2	Syna
		C1s	Gm1976	Mir467e	Tas1r2
		C230036H16Rik	Gm3086	Mir574	Tbx22
		C330018A13Rik	Gm3279	Mir669m-1	Tdpoz2
		C630004H02Rik	Gm4371	Mir717	Tgfa
		C86187	Gm4651	Mob3a	Tgm5
		C86695	Gm4871	Mreg	Tm4sf19
		Capn8	Gm4934	Msx2	Tm7sf3
		Catsperg1	Gm5094	Mt1	Tmem169
		Cbr2	Gm5099	Muc2	Tmem235
		Ccdc121	Gm5334	Myh6	Tmem8c
		Ccdc164	Gm5591	Myo5a	Tnni2
		Ccl26	Gm6300	Naa11	Trdn
		Cd300a	Gm6978	Ncan	Trim45
		Cdsn	Gm7168	Ncrna00086	Trim59
		Cerkl	Gm7361	Neu4	Trpc7
		Ces2h	Gm8439	Nkx2-9	Trpm5
		Cit	Gm9782	Notum	Tshr
		Col3a1	Gng4	Npm3	Tsx
		Col5a2	Gpr50	Nqo1	Vmn1r4
		Cpz	Grem1	Ntn3	Vmn2r3
		Crabp1	Grin1	Nusap1	Wbscr28
		Crb1	Grin2c	O3far1	Wdr89
		Creb3l1	Grm6	Olfr1219	Wnt4
		Cryaa	Gstm3	Olfr1301	Zfp239
		Crybb3	Gucy1a3	Olfr1487	Zswim3
		Ctps	H1fx	Olfr294	
		Ctsc	H2afb1	Olfr331	
HWTxHKO	263	1190003J15Rik	D630024D03Rik	Igkv4-72	Samd5
		1700029I01Rik	D930048N14Rik	Impact	Sc4mol
		1700123O21Rik	Dcaf12l1	Insrr	Scd2
		1700125D06Rik	Defb29	Itih2	Scel
		1810063I02Rik	Dnahc5	Izumo4	Sectm1a
		2010001M09Rik	Dnajb2	Jdp2	Senp5
		2310081J21Rik	Dsp	Kcnj13	Serpina1c
		2810474O19Rik	Dtna	Kcnk5	Serpina1d
		4930502E18Rik	Dusp1	Klra2	Serpinc1
		5330426P16Rik	E030024N20Rik	Krt14	Sim1
		5730577I03Rik	E230016K23Rik	L1cam	Slc1a3
		9030025P20Rik	Eid2	Lama1	Slc1a4
		9230110C19Rik	Elfn1	Lama3	Slc26a4
		AB099516	Endou	Lamc3	Slc38a6
		Ablim3	Ephb2	Lass4	Slco3a1
		Ace	Esrp1	Ldhd	Sned1
		Actn1	F13b	Lipg	Snord104
		Adam11	Fabp7	LOC621118	Snord70
		Adamtsl3	Fam103a1	Lrp11	Sntb1
		Agxt2	Fam107a	Maoa	Soat1
		Akr1c13	Fam174b	Mgat4a	Sorbs2

		Amdhd2	Fasn	Mgmt	Spcs2
		Amn	Fbxo36	Mir1186	Sprr2a1
		Ank2	Fbxo6	Mir145	Sqle
		Anxa9	Fbxw9	Mir200b	Srgap3
		Aoah	Fdps	Mir24-1	St6gal1
		Asah1	Fuca2	Mir669j	Sytl2
		Atp6v0e2	Fxyd3	Mirlet7c-2	Sytl5
		Atxn7l1	Fxyd4	Mknk2	Tagap
		Atxn7l2	Galns	Myef2	Tagln2
		Avpr1a	Gcat	Mylk	Tceal1
		B4galt1	Gdf11	Nat2	Tchhl1
		Bambi-ps1	Glb1l2	Nhlrc4	Terc
		Bcat1	Gm10416	Nipal2	Tfap2b
		Bmpr1b	Gm11559	Npc2	Tmed6
		Btg2	Gm12824	Npr2	Tmem207
		C130026I21Rik	Gm13139	Nrbp2	Tmem30b
		C1qtnf3	Gm13251	Nrg1	Tox3
		C330002G04Rik	Gm15348	Olfr1337	Trav9d-3
		Camk1d	Gm20115	Olfr694	Trmt112
		Capn6	Gm2423	Olfr810	Trp53inp1
		Car13	Gm5432	Parp11	Tspan13
		Cav1	Gpr110	Parp8	Tspan8
		Cbs	Gpr112	Pgm5	Tstd1
		Ccdc159	Gpr39	Phf15	Tuba1a
		Cckar	Gprasp2	Phgr1	Uap1l1
		Cdc25b	Gpt	Phlda2	Ugt2a3
		Cdc42se1	Grhl2	Pisd-ps2	Vgll4
		Cdk14	Gstp1	Pkib	Vill
		Cdkn1a	H2afj	Plcg2	Vmn1r27
		Ceacam2	H2-DMb2	Plcx2	Vmn1r32
		Chrdl1	Hbegf	Plxnb1	Vmn1r45
		Chrna4	Hebp1	Ppic	Wbp5
		Chst11	Hepacam2	Ppp1r16b	Wnk4
		Cldn8	Hexb	Ppp1r1a	Xbp1
		Cldn9	Hist1h2bn	Psd4	Zbtb16
		Ctxn1	Hist1h4i	Ptpn13	Zc4h2
		Cxcl3	Hist2h3b	Pvr	Zfp335
		Cxx1c	Hist2h3c2	Pzp	Zfp442
		Cyp2a4	Hmox1	Rab32	Zfp46
		Cyp2d40	Hmx2	Rcan1	Zfp760
		Cyp4f16	Hoxb8	Rgn	Zfp781
		Cyp4v3	Hyi	Rgs2	Zfp810
		Cyp7b1	Ighg	Rhox2c	Zfp873
		Cys1	Igk-V1	Rnf145	Zfp937
		D430041D05Rik	Igkv4-59	Ropn1l	
CWTxHWT	326	1700001G17Rik	Cox6b2	Gm6086	Pla2g16
		1700041M05Rik	Creb3l3	Gm6222	Pldi
		1700067G17Rik	Cstf2	Gm7385	Ppcs
		1700095J03Rik	Cygb	Gm9442	Rab27b
		1700110C19Rik	Cyp2d13	Gm9979	Rab30
		2010300F17Rik	Cyp2d26	Gpr149	Rab40b
		2300002M23Rik	Cyp4a10	Gpr27	Ralgapa2
		2410016O06Rik	Cyp4a14	Gprin3	Rasa4

	2610018G03Rik	Cyp4a31	Grin2d	Rasal3
	2610020C07Rik	D0H4S114	Grk4	Ren1
	2810405K02Rik	D630003M21Rik	Gsta1	Rgs9bp
	2810408M09Rik	D630042P16Rik	Gsx2	Rhbdl3
	3230401D17Rik	D830015G02Rik	Hbb-bh2	Rhox4f
	3830408C21Rik	D930030D11Rik	Hlf	Ripk3
	4632404H12Rik	Ddhd2	Hnrnpd	Rnu11
	4930401B11Rik	Dgkh	Homer3	Rpa2
	4930467K11Rik	Dub1	Hoxc12	Rps13
	4930524N10Rik	Dyx1c1	Idi2	Rps19
	4930540M05Rik	E130112N10Rik	Ifi44	Rps8
	4930563F08Rik	E130317F20Rik	Igf2bp2	Rrm1
	4930583I09Rik	Ear2	Il25	Sh2d1b2
	4931403G20Rik	Ech1	Jph1	Sh3gl3
	4932416K20Rik	Edil3	Katna1	Slc12a5
	4933411K16Rik	Efcab4b	Kcnmb3	Slc13a5
	4933422A05Rik	Eif2s3y	Khk	Slc22a20
	5430421F17Rik	Eif4a3	Kif15	Slc25a20
	5730435O14Rik	Emr4	Klhl34	Slc25a22
	5730457N03Rik	Ern2	Krt6b	Slc27a1
	9430015G10Rik	Esp3	Kynu	Slc5a1
	9530026P05Rik	Esr2	Large	Sln2
	A430093F15Rik	Evpl	Lcn2	Slitrk4
	A830060N17	Expi	Ldlrad2	Slx1b
	Abcc4	Fabp1	Lgals4	Smad9
	Abcg1	Fam166b	Lhx8	Snora30
	Abhd15	Fam18a	LOC100861753	Snora41
	Acaa1b	Fam50b	LOC664924	Snord55
	Acaa2	Fam5b	Lst1	Snord88c
	Acadvl	Fam83g	Map3k9	Sox30
	Acot2	Fbxl16	Mcpt-ps1	Spata9
	Acot3	Fchsd1	Mfsd12	Spatc1
	Acot4	Fgf14	Mgl1	Spc25
	Acot6	Fgf16	Mif	Spib
	Acsf2	Fgfr1	Mir1190	Spint4
	Agpat9	Fndc8	Mir1930	Spp2
	Aldh1a1	Foxb2	Mir1938	Spred3
	Aldh1a7	Foxj2	Mir301b	Sprr1b
	Alyref2	Frmd5	Mir3070b	Ssxa1
	Apoa2	Fsd1	Mir3073	Stfa2l1
	Apobr	Fus	Mir3098	Syt3
	Apoc3	Fut4-ps1	Mir339	Tcf19
	Arhgap19	G6pd2	Mir342	Tet1
	Arhgef9	Gal3st2	Mir455	Tgm2
	Armcx4	Gan	Mir466g	Tigd3
	Asrgl1	Gapdhs	Mir5125	Timp1
	Atp12a	Gast	Mir695	Tm6sf2
	Atp2a1	Gbe1	Mir744	Tmem59l
	Atp2a3	Gbx2	Mirlet7a-2	Tmem91
	AU040972	Glp1r	Mpl	Tnfaip8l3
	AW011738	Gm10503	Ms4a1	Trim12c
	AY358078	Gm10639	Mup5	Trim62
	BC066135	Gm10696	Ngfr	Trpv2

		BC089597	Gm10787	Nr0b1	Tspan2
		Bcl11b	Gm10923	Olfr1015	Tubb5
		Bhlhe22	Gm10941	Olfr1320	Tubg2
		Btbd19	Gm11110	Olfr1335	Txndc8
		C2cd4a	Gm11744	Olfr156	Uchl1
		C5ar1	Gm12356	Olfr325	Ucp2
		Cc2d2b	Gm13369	Olfr401	Usp49
		Cd14	Gm14762	Olfr522	Vmn1r2
		Cd5	Gm15628	Olfr582	Vmn2r20
		Cd80	Gm15867	Olfr859	Vwce
		Cdkn1c	Gm19654	Otp	Wdhd1
		Cdt1	Gm20095	Padi1	Wisp1
		Cep78	Gm20279	Pax6os1	X99384
		Ces1d	Gm20382	Pcdhb7	Zfp423
		Chaf1b	Gm2564	Pcx	Zfp488
		Chchd2	Gm2863	Pdap1	Zfp612
		Chrm1	Gm3776	Pde5a	Zfp648
		Clec18a	Gm4301	Pex11a	Zfp712
		Clic6	Gm5237	Phf11	Zfp932
		Cnr1	Gm5451	Pif1	
		Coro1a	Gm5478	Pknx2	
CKOxHKO	367	1500012F01Rik	Entpd1	Maml3	Shroom1
		1520402A15Rik	Ep400	Map3k12	Skil
		1700020D05Rik	Ephb4	Mapk4	Skp2
		1700034F02Rik	Ercc8	Mapkapk3	Slc20a1
		1700034I23Rik	Ero1lb	March3	Slc22a15
		1700052K11Rik	Ezh2	Marcksl1-ps4	Slc22a8
		2210408F21Rik	Fabp4	Marveld1	Slc23a3
		2310003L22Rik	Fam164c	Mcm4	Slc25a14
		2310057M21Rik	Fam83b	Mdm1	Slc35f1
		2410004N09Rik	Fastkd1	Mest	Slc38a2
		2610017I09Rik	Fermt1	Mfsd7b	Slc45a3
		2610528B01Rik	Fga	Mgl2	Slc7a6
		2810408B13Rik	Flrt1	Mgp	Slco4a1
		4930405O22Rik	Frk	Mir181a-2	Smad5
		4930480K23Rik	Fsd1l	Mir188	Sncg
		4930522L14Rik	Fv1	Mir1927	Snora15
		5730409K12Rik	Fxr2	Mir1949	Snora21
		9130020K20Rik	Fzd7	Mir19a	Snora23
		9930111J21Rik2	Gas6	Mir1b	Snora2b
		A230072C01Rik	Gca	Mir218-1	Snora69
		A630050E04Rik	Gcet2	Mir3473b	Snora75
		A730098P11Rik	Glod5	Mir872	Snord11
		A930033H14Rik	Glul	Mis12	Snord12
		Abcd2	Gm10002	Mmd	Snord1b
		Abi3	Gm10589	Mndal	Snord35b
		Actg1	Gm13363	Mpzl3	Snord52
		Adamts1	Gm14057	Mrpl12	Snord61
		Adat1	Gm14420	Msr1	Snord68
		Adcy4	Gm15293	Mthfs	Snord87
		Adra2b	Gm15483	Mtm1	Snord89
		Akr1c20	Gm15535	Mustn1	Snx32
		Anapc11	Gm16523	Nampt	Snx33

	Ankra2	Gm17753	Ncrna00085	Sox18
	Aoc2	Gm19265	Neat1	Sp100
	Apbb1ip	Gm19537	Neurl1b	Spag5
	Aqp4	Gm19551	Nfkb1	Srl
	Arhgap25	Gm20004	Nfkb2	Srsf7
	Atf7	Gm20022	Nicn1	Stc1
	Atp5h	Gm20186	Nkap	Susd3
	Atp8a1	Gm20289	Nova1	Syne1
	Auts2	Gm3893	Nrp1	Tap2
	B230319C09Rik	Gm4567	Ntf3	Tceb1
	B230369F24Rik	Gm4759	Oas1a	Tek
	Bbs5	Gm6289	Olfm4	Tle4
	BC002059	Gm8842	Olfr1336	Tmco4
	BC027231	Gm8995	Olfr776	Tmem108
	BC037704	Gm9958	Ophn1	Tmem156
	BC065397	Gna14	Osmr	Tmem171
	Bhlhe40	Gpcpd1	P2ry14	Tmem173
	Birc2	Gpnmb	Pag1	Tmem200b
	C030046E11Rik	Gprc5b	Paqr3	Tnip2
	C630016N16Rik	Hadhb	Pcdhga11	Trim30a
	Cadps2	Heg1	Pcgf5	Trim32
	Ccl2	Hells	Peg13	Trim6
	Ccl3	Hes1	Per2	Trip10
	Ccnd1	Hist1h4k	Piga	Try10
	Ccnd2	Hivep2	Plekhg5	Tshz3
	Ccnt1	Hnf1b	Plekho1	Tsku
	Ccrl2	Hoxb4	Plin1	Tspan1
	Cd180	Hoxb5	Pln	Tspan4
	Cd22	Hoxc9	Pltp	Tyms
	Cd79a	Hoxd9	Pon3	Ugt2b37
	Cd8b1	Hyal1	Ppan	Ugt2b5
	Cdc25a	Icam1	Ppp2r2a	Uhrf1bp1
	Cdk17	Ilf12711	Pprc1	Unc13c
	Ceacam14	Ikzf2	Praf2	Usp31
	Cebpa	Itga3	Prdm9	Usp40
	Cep170	Itga5	Prim1	Vcam1
	Chml	Itgax	Ptch1	Vmn1r71
	Chst1	Jun	Ptgs1	Wdr36
	Chst2	Kcnj2	Ptp4a1	Wdr76
	Clec14a	Kcnk1	Ptpla	Wwc1
	Clec2d	Kcnq1	Purg	Xdh
	Cox7b	Kctd12b	Pvrl1	Zbtb2
	Cpeb1	Klhdc7a	Rab6b	Zbtb38
	Crip1	Klhdc8a	Rab8b	Zdhhc2
	Crip2	Klkb1	Rad1	Zdhhc20
	Cwh43	Lad1	Rad9b	Zfp128
	Cxcl10	Larp4b	Rapgef3	Zfp229
	D5Ertd579e	Layn	Rasa3	Zfp429
	D730048I06Rik	Lep	Rasl11b	Zfp451
	D930015E06Rik	LOC100503141	Rel	Zfp503
	Dcaf12	LOC100505027	Rfc4	Zfp566
	Derl3	LOC100861803	Rnu73b	Zfp597
	Dhrs3	LOC100861921	Rny1	Zfp605

		Disp1	LOC100862007	Rps17	Zfp667
		Dnalc1	LOC545261	Rsl1	Zfp788
		Dnase1l3	LOC628147	Rtkn	Zfp879
		Dpy19l1	Lpcat1	Scarna3b	Zranb3
		Dsg2	Lrig1	Scn4b	Zscan2
		Dusp11	Mafb	Scube3	Zxdb
		E330009J07Rik	Magohb	Shmt1	