The list of differentially expressed genes identified in factorial analysis from Figure 1A.

Interaction

1110001A07Rik	1190002H23Rik	1700065O13Rik	2410002O22Rik
2610030H06Rik	2810407C02Rik	6430706D22Rik	Acaa2
Actg2	Ahr	Ap1s2	Ap3m1
Apobec2	Ar	Arrdc4	Atrx
B430201A12Rik	B4galnt4	Baiap3	BC023892
Bpnt1	C1qa	C1qb	Calm1
Camsap1l1	Car2	Ccdc132	Ccdc28b
Ccng2	Ccr2	Cd160	Cd79b
Cd83	Cdr2	Cebpa	Cep170
Clybl	Csf1r	Ctnnb1	Cul3
Cxcl10	Cxcr3	D16Ertd472e	Dcun1d1
Ehhadh	Eif5b	ENSMUSG00000068790	
Ergic2	Fbxl3	Fcmd	Fgf13
Frmd4b	Gadd45b	Gata1	Gna13
Gpd2	Hmgcs1	Hook1	Hsd17b12
Icos	Ifitm3	Il1rl1	Immt
Klrg1	Lag3	Ldlr	Lyzs
Maf	Mak10	Matk	Matn2
Memo1	Mmp14	Ms4a4b	NA
Obfc2a	Pde7a	Pfas	Plcb4
Plxdc1	Ppm2c	Psme4	Ptk2
Ptpn13	Rab18	Rdh11	Rg9mtd2
Rnf11	Rps4y2	Rrm2b	S100a4
Saa3	Sacs	Senp2	Serinc1
Serpinb6b	Sgk	Slc35a1	Slu7
Suz12	Syt11	Tacc2	Tbc1d15
Tgfbi	Tktl1	Tle1	Tmcc1
Tmed2	Trio	Ube1c	Ube3a
Unc119	Vcam1	Wwp1	

Interaction + T_R/Tconv

2010309G21Rik	A830080D01Rik	Acsl3	AI851523
Atp8b4	BF642829	Blr1	Cd22
Cd24a	Cd7	Clec4n	Crtam
Dnase1l3	Dusp10	Elovl6	Eno3
Eomes	Farsb	Fscn1	Garnl4
Gnai1	H2-Ab1	H2-DMa	H2-Eb1
H2-Oa	Ifi204	Igk-V1	Itgae
Lrp11	Lta	Mettl7a	Mgst1
Mgst3	Ms4a6d	Nol5	Nrp1
P4ha1	Phc3	Plxnc1	Ptplad1
Qser1	Rnf43	Slamf6	Slc35a3
Sorl1	Sostdc1	Spin2	Ss18
Stag1	Tmem158	Tnfrsf13b	

Interaction + Act/Rest

1500009L16Rik	Abhd4	Ahnak	Arl6ip2
Basp1	Cetn4	Coq7	Csf2rb
Cst7	Dbf4	Dbp	Dsg2
Erlin1	Fosl2	Gpr155	Hip1r

Irf8	Itga4	Lgals1	LOC100043424
Lrp8	Lss	Ly6e	Mpp6
Mxd4	Myadm	Net1	Nup37
P2rx7	Pglyrp1	Rad18	S100a6
Sae1	Slc14a1	Slc2a3	Slc31a1
Smyd3	Sqle	Suv39h1	Ube2e2
Unc5cl	Vcl		

Interaction + T_R/Tconv + Act/Rest

39515	0610010O12Rik	1110013L07Rik	1500011H22Rik
1700019E19Rik	1810011H11Rik	2310007D09Rik	2610002D18Rik
2610024B07Rik	2700099C18Rik	2900026A02Rik	2900054C01Rik
3110052M02Rik	4631422O05Rik	4631426J05Rik	4632434I11Rik
4732435N03Rik	4930422N03Rik	4930547N16Rik	5730590G19Rik
5830431A10Rik	5830443L24Rik	5830483C08Rik	6030408C04Rik
6330500D04Rik	6430571L13Rik	6720401G13Rik	9030611O19Rik
9430020K01Rik	A530021J07Rik	A730095J18Rik	AB124611
Abcb9	Abhd8	Abi3bp	Acp5
Acsl4	Acsl6	Actr3b	Acvr1
Acvrl1	Adam10	Afp	AI449310
AI790276	AI847670	AI987662	Ak3l1
Alcam	Aldh1a2	Amigo2	Amotl1
Angptl2	Arhgap21	Arhgap29	Arl6
Armc7	AW548124	B3galnt1	B9d1
Bag2	BC030867	BC037703	BC043118
BC048355	BC049807	Bcl6	Bmpr1a
Bnip3	Brca1	Bspry	Btbd11
C230085N15Rik	Capg	Caprin1	Cask
Casp3	Cav2	Ccdc18	Ccl1
Ccl20	Ccl3	Ccl4	Ccl6
Ccnd3	Ccr9	Cd36	Cd38
Cd80	Cd8a	Cd97	Cdc42ep3
Cdkn1a	Cenpk	Cep290	Cep55
Chi3l3	Chi3l4	Cisd1	Cish
Ckap2l	Cnga1	Cnot7	Cnr2
Cpd	Crabp2	Crem	Csn1s1
Csn2	Cth	Ctla4	Ctnna1
Cxcl9	Cybb	Cyp51	D0H4S114
D12Ertd553e	D2Ertd435e	Daxx	Dck
Dhcr24	Dmd	Dmxl2	Dnahc7b
Dnahc8	Dtx1	Dyrk3	Eaf2
Ebf1	Ebi3	EG237749	EG629059
EG666926	Ehd3	Enah	Enc1
Endod1	Epas1	Ero1l	Evi5
Evl	Fancd2	Fbxo30	Fcgr2b
Fdps	Fer1l3	Frmd5	Fusip1
Fyb	Gad1	Galnt10	Gap43
Garnl1	Gas2l3	Gatm	Gcat
Ggtla1	Gja1	Gkap1	Gla
Gnb4	Gpr120	Gpr160	Gpr83
Gramd3	Gzmc	H2-Aa	Hbegf
Hccs	Hcst	Hemk1	Hif1a
Hmgcr	Hmmr	Hsd11b1	Hsd17b7
Hsdl1	Hspa1a	Hspa1b	Hspa4l

Iapp	Ide	Idi1	Ift57
Ift74	Igfbp4	Igfbp7	Igh-6
Igk-C	Il16	Il17a	Il1r2
Il2ra	Il2rb	Irf7	Itpr2
Jakmip1	Kif11	Kif18a	Kif2c
Klf2	Klf3	Klra5	Kpna3
Kpnb1	Lama5	Larp4	Lipa
Lonrf3	Lpgat1	Lpl	Lrrc33
Ltb4dh	Ly6c1	Lyz	Maged2
Mastl	Mcm8	Mlf1	Mlkl
Mphosph1	Mpzl2	Ms4a4c	Ms4a6b
Msrb3	Mt2	Myh10	Mylip
Nav1	Nckap1	Ndc80	Ndrg4
Nedd1	Nedd4	Nek6	Neto2
Nmt2	Nod1	Nov	Npas2
Nqo2	Nsg2	Nt5e	Nudcd1
Nudt6	Nup133	Nup160	Nupr1
Odc1	Orc1l	Osbpl1a	
OTTMUSG00000005491		OTTMUSG00000016644	
Oxct1	Pcx	Pcyt1a	Pdcd1lg2
Pde2a	Pdpn	Penk1	Perp
Pfn2	Pglyrp2	Phf6	Phldb2
Pi4k2b	Pik3ip1	Pkd2	Pkib
Pkp2	Plek	Plk4	Plod2
Pola1	Pop1	Prkcb1	Prkcq
Procr	Ptgs1	Ptprj	Qpct
Rad51ap1	Rai14	Rasgrp2	Rbp1
Rbpj	Rgs1	Rnf180	Rrm1
Rtp4	Ryk	S100a1	Sass6
Satb1	Sc4mol	Scd1	Scpep1
Sema7a	Serf1	Serpinb6a	Serpine2
Sestd1	Sh3yl1	Sidt1	Skp2
Slc12a2	Slc12a7	Slc16a5	Slc25a13
Slc39a8	Slc4a11	Slc9a5	Slfn1
Snai2	Snx9	Socs2	Speer1-ps1
Spp1	Spred1	Spry2	St5
St8sia1	Stard4	Stk38l	Stx11
Stxbp6	Tacstd1	Tbc1d19	Tcf7
Tdrkh	Tfdp1	Tfrc	Tipin
Tmeff2	Tmem163	Tnfrsf4	Tnfrsf9
Tnfsf11	Tpx2	Trib2	Trim12
Trim59	Tsc22d3	Tspan4	Ttc28
Tubb6	Twsg1	Uap1	Upp1
Usp18	Utp6	Vegfc	Wdr51a
Xkrx	Yes1	Ypel3	Zc3h12c
Zdhhc23	Zfp52	Zfp608	Zfp62
Zranb3			

T_R/Tconv

1100001H23Rik	1110032F04Rik	1500011B03Rik	2010001M09Rik
2010004M13Rik	2310010M24Rik	2310051E17Rik	2810457I06Rik
4930486G11Rik	6330442E10Rik	8430427H17Rik	Acpl2
Adamts6	Akap7	Alox5ap	App
AW742560	Axin2	B830008J18Rik	Bambi

BC013712	BC020489	Bmyc	C030002B11Rik
C630004H02Rik	Camk2n1	Ccdc109b	Ccr6
Cd4	Cd74	Cerk	Chn2
Coro2a	Ctsh	Cyp2s1	D13Ertd608e
D8Ertd82e	Dirc2	Dst	Dusp5
E430004N04Rik	Ebi2	Ecm1	Emb
Etv5	Foxf2	Foxp3	Gabarapl1
Gadd45g	Galm	Gbp1	Gbp3
Gmfg	Gnaq	Gng12	Gphn
Gpr137b-ps	Gpr177	Gpr34	Gsn
Gsta4	Gsto1	Gzmk	Hic1
Hist2h2be	Hivep3	Hod	Hs3st3b1
Hsp90aa1	Idh2	Ift122	Ift80
Igf2r	Ighg	Ikzf2	Ikzf4
Il2	Il7r	Itgb3	Itgb8
Itih5	Jun	Kif13a	Klf6
Klf9	Klk1	Lair1	Lamc1
Larp2	LOC100040377	Lrig1	Lrrc8c
Ly86	Lycat	Mctp2	Med7
Mmd	Mpeg1	Mxi1	Nck2
Ndg2	Nhedc2	Npas4	Nr4a2
Nrn1	Osbpl3	P2ry14	Paqr7
Pde3b	Pdlim4	Phactr2	Phlda1
Phlpp	Pim1	Pip5k1b	Pla2g4f
Plxnd1	Pou2af1	Ppm1l	Prkar1b
Prmt3	Rabgap1l	Ramp3	Reep3
Rgmb	Rgs16	Rnase4	Rnase6
Rragd	Samsn1	Sccpdh	Sema4a
Sema4f	Setd4	Sgsh	Sh3bgrl2
Slc22a15	Slc35d1	Slc9a9	Snhg8
Specc1	Spib	Suv39h2	Swap70
Syne2	Tgfbr1	Tgfbr3	Tgif1
Tmie	Tnfrsf1b	Tph1	Tspan9
Tyrobp	Usp27x	Ypel2	

Act/Rest

39697	39701	0610010F05Rik	1110067D22Rik
1190002N15Rik	1810054D07Rik	1810055G02Rik	2010012C16Rik
2010317E24Rik	2410066E13Rik	2600005O03Rik	2610036L11Rik
2610318N02Rik	2610528E23Rik	2700049P18Rik	2810417H13Rik
2900002H16Rik	2900073G15Rik	3000004C01Rik	3222402P14Rik
4632428N05Rik	4921524J06Rik	4930427A07Rik	4930506M07Rik
4930523C07Rik	4930579G24Rik	5133400G04Rik	5830405N20Rik
5930433N17Rik	6720460F02Rik	6720463M24Rik	6820424L24Rik
9130404D14Rik	A430107P09Rik	AA467197	Abi2
Ablim1	Adam8	Adrb2	Afap1
Ahcy	AI451617	Akr1c18	Alad
Aldoc	Alg8	Als2cr4	Ampd1
Ampd3	Anubl1	Anxa1	Anxa2
Arhgap11a	Arhgap19	Arhgef18	Armcx2
Arpc2	Arrb1	Art2b	Asf1b
Asns	Atad5	Atf7ip	Atp10d
Aurka	AW011738	AW112037	Bach2
Baz2b	BC003324	BC013672	BC016495

BC052328	BC055324	Bcl11b	Blm
Brca2	Brip1	C1qdc2	C79407
C87436	Cacna2d4	Cadm1	Calm3
Camk1d	Car5b	Carhsp1	Cbx5
Ccdc34	Ccna2	Ccnb1-rs1	Ccnb2
Ccne1	Ccnf	Ccr5	Cd27
Cd44	Cd55	Cd99	Cdc20
Cdc25b	Cdc25c	Cdc45l	Cdca2
Cdca3	Cdca5	Cdca7	Cdca8
Cdk6	Cdkn2c	Cdkn3	Cenpe
Cenpi	Cenpl	Cenpn	Cep350
Chchd6	Chek1	Chek2	Chst11
Chsy1	Chtf18	Cks1b	Cldn12
Clic4	Cobll1	Comt	Cryz
Csf2	Ctla2a	Ctla2b	Cttn
Cxcr6	D10Bwg1379e	D17H6S56E-5	D2Ertd750e
D330050I23Rik	D430019H16Rik	D830025C05Rik	Dbi
Depdc1b	Dgka	Dhfr	Dhx58
Diap3	Dip2c	Dlg7	Dnajb4
Dnajc6	Dsn1	Dstn	Dtymk
Dusp16	Dut	E030018N11Rik	E130016E03Rik
E430016P22Rik	Edg1	Eea1	EG240327
Egln3	Ehd1	Ehd4	Ell2
Eme1	Ercc6l	Espl1	Etfb
Exo1	Ezh2	F2r	F630043A04Rik
F730047E07Rik	Fabp5	Fads1	Fas
Fbxo39	Fbxo45	Fbxo5	Fen1
Fgl2	Fignl1	Foxm1	Foxo1
Foxp1	Gab2	Galnt3	Gcnt1
Gemin8	Gimap6	Gimap7	Gins2
Gmds	Gpm6b	Gpr68	Gprasp1
Gpsm2	Grap2	Gtse1	Gzma
H13	H19	H1f0	H2afx
H2-Ob	Havcr2	Hells	Herc5
Hip1	Hirip3	Hist1h2bp	Hist1h3a
Hist2h3c1	Hist3h2a	Hk2	Hmgb2
Hmgb3	Hmha1	Hsh2d	Ibrdc3
Id2	Id3	Ifit1	Ifit2
Ifit3	Ifitm1	Ifitm2	Ifnar1
Ifng	Igf2bp3	Il18rap	Il4
Il6ra	Il6st	Impa2	Impact
Incenp	Iqgap3	Irak1bp1	Itgb1
Jarid1b	Jundm2	Kcnk5	Kif22
Kif23	Lamp2	Lancl2	Lats2
Lef1	Lgals3	Lilrb4	Litaf
Lman1	Lmnb1	LOC320895	LOC328483
LOC552906	LOC677168	Lrrc41	Lrrk1
Mad2l1	Map2k3	Mapre2	Marcks
Marcksl1	Mcm10	Mcm3	Mcm5
Mcoln3	Mll3	Mlstd2	Mns1
Mtbp	Mtmr7	Mx1	Mxd3
Mybl2	Ncapd2	Ncapg	Neil3
Nek2	Nipa2	Nkg7	Nlk
Nmral1	Npal1	Nsbp1	Nsl1

Nudt5	Oas1g	Orc6l	Osgin1
Pacsin1	Pag1	Pbx3	Pdcd1
Pde4b	Pdk1	Pdzk1ip1	Pgam1
Phf20l1	Pif1	Pitpnc1	Plekha8
Pmaip1	Pold3	Pole2	Pole3
Pparg	Ppfibp1	Ppic	Ppih
Ppil5	Ppp1r13b	Ppp3cc	Prdx4
Prim2	Prkca	Prr11	Prr6
Prss16	Psat1	Psmc3ip	Ptgfrn
Ptpn3	Ptpn9	Ptprs	Pyhin1
Rab3ip	Rab6b	Racgap1	Ralgps2
Rapgef6	Raph1	Rbbp8	Rcc1
Recql4	Repin1	Rfc3	Rfc4
Rfc5	Rhoh	Rhoq	Rnf157
Rnf213	Rrad	Rrm2	Rsad2
Runx2	Rxra	Samd9l	Sap30
Scin	Sec24d	Sell	Serpina3g
Sesn1	Sh3bgrl	Siva1	Slc15a3
Slc19a2	Slc28a2	Slc2a1	Slc2a6
Slc38a2	Slc39a4	Slco4a1	Slfn5
Smad7	Smc2	Smpdl3b	Sorcs2
Spag5	Spc24	Spc25	Srpk2
St14	St8sia6	Stc2	Stmn1
Strap	Stx1a	Syce2	Tacc3
Tbx21	Tcf12	Tcf19	Tex15
Tfdp2	Tg	Thada	Tjp2
Tk1	Tlr7	Tmem107	Tmem180
Tmem2	Tmem38b	Tmem48	Tmem63a
Tmem97	Tnfrsf1a	Tnfsf13b	Tnfsf9
Tnik	Top2a	Tpi1	Traip
Trim30	Trim37	Trip13	Tspan31
Ttf2	Ttk	Tube1	Txk
Ugcg	Uhrf1	Utrn	Uxs1
Vdr	Wdhd1	Wdr90	Whsc1
Wisp1	Zbtb4	Zdhhc2	Zfp319
Zfp367	Zwilch		

T_R/Tconv + Act/Rest

1200016E24Rik	1500005K14Rik	2210010C17Rik	2310014D11Rik
2610019F03Rik	2810001G20Rik	2810433K01Rik	2810439F02Rik
2900024C23Rik	5930435M05Rik	6720467C03Rik	9630013D21Rik
A130040M12Rik	A130092J06Rik	A930005H10Rik	Acss1
Actn1	Adam9	Adh1	AI467606
Als2cl	Anln	Anxa4	Arl4c
Arl5a	Armcx4	Aspm	Atp1b1
Atpif1	Atxn7l4	AU019833	Aurkb
AV071699	B3galt4	BC038822	BC053440
BC085284	Bcat1	Bcl2l2	Bhlhb2
Birc5	Bri3	Btg2	Bub1
Bub1b	C030044B11Rik	C330027C09Rik	Cbr1
Ccdc50	Ccdc99	Ccl5	Ccnb1
Ccne2	Ccpg1	Cdc2a	Cdc6
Cenpa	Cenpf	Cenph	Cenpp
Ckap2	Cks2	Clspn	Cnksr3

Cpe	Csda	Cyfip1	D16Bwg1543e
D630039A03Rik	Dapl1	Ddx58	Depdc1a
Dna2l	Dse	Dsp	Dtl
Dusp4	Dyrk2	Dzip1	E030037K03Rik
E2f7	E2f8	Ect2	EG666231
Emp1	Enpp4	Esco2	Fanca
Fdft1	Gas2	Gem	Gins1
Gmnn	Gpld1	Gpr18	Gzmb
Hmgn3	Il12rb1	Il1rl2	Inadl
Irf4	Kcnk6	Kctd9	Kif20a
Kif4	Kntc1	Kpna2	Lass6
Lig1	LOC625360	Lxn	Mcm6
Mdfic	Melk	Mki67	Mllt4
Mt1	Myo1c	Myo1e	Ncapg2
Ncaph	Neb	Nfil3	Niban
Npc2	Nr4a3	Ntrk3	Nuf2
Nusap1	Oasl2	Otud1	P2ry5
Pbk	Pebp1	Phb	Pik3r5
Plagl1	Plk1	Plp2	Plscr1
Pole	Prc1	Prdm1	Prelid2
Prg4	Prim1	Prnp	Pros1
Psrc1	Rad51	Rapgef4	Rassf2
Rgs14	Rhobtb2	Rnf144	Rnf167
Scml4	Sepp1	Sgk3	Sgol1
Sgol2	Shcbp1	Shmt1	Sit1
Slc43a3	Slfn8	Snhg3	Sp100
Spsb1	Stil	Synpo	Tcp11l2
Tcrb-V13	Tcrb-V8.2	Tgfbr2	Tiam1
Tmbim1	Tmem142b	Tmem71	Tmod1
Tmpo	Tnfrsf18	Tns1	Tyki
Tyms	Ube2c	Ube2t	Vps37b
Wee1	Zbtb32		

The list of differentially expressed genes identified by comparing gene expression profiles of resting and activated conventional $CD4^+$ T cells and adaptive Treg cells from Figure 1B.

Act/aT_R

1100001H23Rik	1110034A24Rik	1700029I15Rik	1700097N02Rik
2210018M11Rik	2410002O22Rik	2410187C16Rik	2610101N10Rik
2610209A20Rik	2700023E23Rik	2700078E11Rik	2810457I06Rik
4921509J17Rik	4921517N04Rik	4930461P20Rik	4933433P14Rik
6030422H21Rik	6330416L07Rik	6820431F20Rik	7530404M11Rik
A130004G11Rik	A830080D01Rik	Aasdhppt	Abce1
Acbd4	Acsl1	Adpgk	AI480535
Akap13	Akt3	Ammecr1l	Anapc1
Ankrd49	Ap2a2	Api5	Arhgap26
Arl8b	Arrdc4	Asb6	Asrgl1
Atr	AU020177	AU044698	B230206F22Rik
Bach2	BC013712	BC021614	BC029214
Bcl3	Blr1	Bmi1	C1qb
C330007P06Rik	Camsap1l1	Cbx1	Ccdc86
Ccdc90b	Ccl6	Ccnc	Ccr5
Cd22	Cd82	Cdk5r1	Centd1
Cep152	Chka	Cnn3	Cnot4
Cnot6	Coro1b	Cpne3	Crip1
Csf1r	Csf2rb	Ctsb	Ctsd
Cxcl10	Cxcr6	Cyba	D130037M23Rik
D16Ertd472e	Dap	Dctd	Dennd2c
Dkc1	Dpy19l3	Dr1	Dtwd2
Dusp10	E030004N02Rik	E030018N11Rik	E2f6
Ech1	Echdc1	Ehbp1l1	Eif3j
Eif4b	Eif5	Eif5b	Erc1
Esf1	Exoc4	Ext1	Farsb
Fbxw11	Flot1	Fnip1	Ftsj3
Gapvd1	Gata3	Gdi2	Gemin4
Gmfb	Gnpnat1	Gpatch4	Gpbp1
Gphn	Gpr137b-ps	Gpr83	Grb2
Gspt1	Gtf2h1	Gtf2ird1	Gzma
Gzmk	H2afy2	H2-DMb2	Hdh
Heatr3	Hectd2	Hmgcs1	Hnrpdl
Hod	Homer1	Hook1	Hpse
Hsd17b12	Ide	Idh1	Ier3
Ifngr1	Igf2r	Igh-6	Ighg
Il10ra	Il2	Isg20l1	Isoc1
Itgax	Itm2c	Itpk1	Josd3
Kctd12	Kif16b	Kif3b	Krr1
Krt42	Lactb2	Ldlr	Lime1
LOC100040799	Lrig1	Lsp1	Lst1
Ly86	Lyst	Map3k7	Matk
Matr3	Mcart6	Me2	Mel13
Memo1	Metap1	Mettl1	Mettl7a
Mex3c	Mier3	Mlstd2	Mtfr1
Myo10	Myo1f	Myo1g	NA
Naga	Naip2	Nbeal2	Ncaph2
Nck2	Nek4	Nfkbia	Nfkbie
Nfx1	Nin	Noc3l	Nol11

Nol8	Otud4	P2ry14	P4ha1
Paip1	Parp3	Pcgf6	Pdcl
Plxnc1	Pms2	Pphln1	Ppp2r5e
Pprc1	Prdm2	Prg4	Prkrir
Psmb8	Psme4	Ptp4a3	Pygl
Rab43	Rasa1	Rasl11b	Rbm14
Rev1	Rfc1	Rg9mtd2	Rpl3
Rrp12	Runx3	Rusc1	Sacs
Scyl1bp1	Sdcbp2	Sec61a2	Senp2
Senp8	Serpinb6b	Setd5	Sirpa
Skap2	Slamf6	Slc16a10	Slc2a3
Slc35a3	Slc35d2	Slc44a1	Smc6
Smyd3	Snhg7	Snord22	Snx13
Spin2	Spred1	Srbd1	Srebf2
Ss18	Ssb	Ssh1	St6galnac6
Stag1	Strbp	Suz12	Tacc2
Taf4b	Tasp1	Tcn2	Tgfbi
Tgm2	Thada	Tigd2	Tktl1
Tmcc1	Tmem135	Tmem176a	Tmem33
Tnfrsf13b	Tnpo1	Tpst2	Trim37
Trnt1	Trp53	Trp53i11	Tspan6
Tspan9	Tsr1	Ube2v2	Ube3a
Ublcp1	Uchl3	Ugcg	Unc119
Usp15	Utp6	Vav2	Wdr77
Wwp1	Xpr1	Zdhhc20	Zfp238
Zfp28	Zfp365	Zfp647	Zfp667
Zfr			

Act/T_R + Act/Rest

1110057K04Rik	1500009L16Rik	1700097N02Rik	2310031A07Rik
3110045G13Rik	4930583H14Rik	5730469M10Rik	5930435M05Rik
A530021J07Rik	A730095J18Rik	AA408296	Actg2
Adam8	Ahnak	AI315324	AI662791
AI851523	Akt3	Ankrd29	Anxa1
Anxa2	Asb2	Atp1b1	AW548124
B4galnt4	Bace2	Bach2	Bad
Baiap3	BC016423	BC031781	BC049806
C1qa	C3	C920006C10Rik	Camsap1l1
Casp1	Casp4	Ccdc132	Ccdc28b
Ccl1	Ccl6	Ccr2	Cd55
Cdc25b	Cdk5r1	Cebpa	Centa1
Chi3l3	Chi3l4	Chst11	Clec4n
Cnksr3	Cnn3	Cnot2	Coro2a
Cst7	Cxcl9	Cxcr3	D10Bwg1379e
D3Ertd254e	Dnajb4	Dnase1l3	Dsg2
Ebi3	Efhd2	Epas1	Fcgr2b
Fgf13	Fgl2	Fkbp5	Foxo1
Foxp1	Frmd4b	Gab2	Gapdh
Garnl4	Gcnt1	Glipr2	Glrx
Gnai1	Gstt2	Gzmb	H2-DMa
Havcr2	Hip1r	Hod	Ifi204
Ifi205	Ifitm1	Ifitm2	Ifng
Igf2bp3	Igfbp4	Igh-6	Il1r2
Il1rl1	Il3ra	Inppl1	Klrg1

Ksr1	Lgals1	Lilrb4	LOC100043424
Lonp2	Lpl	Lrrk1	Mapre2
Mex3b	Mgst1	Mt2	Myadm
Myo1f	NA	Niban	Nkg7
Nol8	Nolc1	Nqo2	ORF34
Penk1	Phc3	Plcb4	Plxdc1
Prpf4b	Ptk2	Ptpn13	Rab6ip1
Rai14	Rapgef6	Rcan3	Rhoc
Rnf128	Rps4y2	Runx2	Rxra
S100a11	Saa3	Scin	Serinc1
Serpina3g	Serpinb6a	Sfrs3	Sh3bgrl
Sh3gl3	Slc15a3	Slc39a4	Slc4a1
Slco4a1	Smpdl3b	Sostdc1	Sox4
St8sia1	St8sia6	Tbc1d15	Tbc1d16
Tgfbi	Thada	Timm9	Tjp2
Tle1	Tnfsf13b	Trio	Tubgcp5
Ugcg	Vcam1	Yod1	Zfp644
Znrf3			

Act/aT_R + aT_R/Rest

39702	0610008C08Rik	0610013E23Rik	0910001A06Rik
1110032F04Rik	1110038B12Rik	1110061A14Rik	1190002N15Rik
1190007I07Rik	1200013B08Rik	1200015A19Rik	1200015F23Rik
1500005K14Rik	1700008J07Rik	1810015A11Rik	1810054D07Rik
2010002N04Rik	2010004M13Rik	2010204K13Rik	2010309G21Rik
2010315L10Rik	2210010N04Rik	2310008H09Rik	2310014H01Rik
2410002O22Rik	2410018M08Rik	2410127L17Rik	2610002D18Rik
2610024B07Rik	2610027C15Rik	2610027H17Rik	2610034E01Rik
2610201A13Rik	2700078E11Rik	2700099C18Rik	2810452K22Rik
3110001A13Rik	3110082I17Rik	4631422O05Rik	4632434I11Rik
4930422N03Rik	4930505D03Rik	4930534B04Rik	4930579C15Rik
5033414K04Rik	5033430I15Rik	5630401D24Rik	5730449L18Rik
5730508B09Rik	5730590G19Rik	5730596K20Rik	5830431A10Rik
5830443L24Rik	5830483C08Rik	5930405F01Rik	6030408C04Rik
6230416J20Rik	6330416L07Rik	6330442E10Rik	6330500D04Rik
6330503K22Rik	8430406I07Rik	9130227C08Rik	9230114K14Rik
9430029L20Rik	A030009H04Rik	A130090K04Rik	Aak1
AB124611	Abca7	Abcb9	Abcd1
Abcg1	Abcg3	Abhd8	Acp1
Acp5	Acsl1	Acsl3	Acsl4
Acsl6	Acss2	Acvr2a	Adamts6
Add1	Adss	AI447560	AI449310
AI467606	AI480653	AI788777	Ak1
Akap1	Akna	Akr1c13	Akr1c18
Alcam	Aldh18a1	Alg13	Alkbh4
Alox5ap	Alpk2	Angptl2	Ankrd13b
Ankrd32	Ankrd41	Anxa6	Aplp2
Aqp3	Arhgap21	Arhgap24	Arhgap9
Arhgdig	Arhgef18	Arl6ip6	Arrb2
Atp1a2	Atp2a3	Atp6v0a2	Atrx
Atxn7l4	Avpr1a	AW228836	AW555464
AW742560	B4galnt1	Baz1b	BC048355
BC049807	BC052328	BC053440	BC067047
BC085284	Bcap29	BF642829	Blm

Bmi1	Bmpr2	Brca1	Brip1
Btg3	C230093N12Rik	C230096C10Rik	C730049O14Rik
Cacybp	Canx	Casc5	Casp7
Cbx5	Ccbl2	Ccdc18	Ccdc58
Ccdc86	Ccm2	Ccnd3	Ccng1
Ccr8	Ccr9	Ccrn4l	Cct4
Cd1d1	Cd247	Cd3g	Cd52
Cd53	Cd7	Cd74	Cd79b
Cd96	Cd97	Cdc25a	Cdc42ep3
Cdc42se1	Cdca7	Cdk2ap2	Cdkn1a
Cdkn2d	Cenpn	Centg2	Cep27
Cep290	Cerk	Cetn4	Chchd6
Chek1	Chpt1	Cisd1	Clec2i
Clspn	Cnn2	Cnot6	Cnot7
Coq7	Coro1c	Coro7	Cpd
Cradd	Crem	Ctdsp1	Ctnna1
Ctnnal1	Ctsh	Cutl1	Cyb5b
Cybb	Cyp1a1	Cyp1b1	Cyp51
D0H4S114	D12Ertd647e	D13Wsu177e	D15Ertd621e
D18Ertd653e	D1Bwg0212e	D330027G24Rik	D430020J02Rik
D5Wsu178e	D8Ertd457e	Dclre1a	Ddef1
Ddx1	Ddx19a	Deadc1	Dgcr8
Dhcr24	Dhrs13	Dhx37	Dhx58
Dis3	Dkc1	Dld	Dleu2
Dnajc18	Dnmt3a	Dnmt3b	Dpp4
Dpp8	Dsp	Dst	Dtl
Dtx1	Dusp2	Dynll2	Dynlt1
Dyrk3	Dzip1	E2f1	E430004N04Rik
Ebi2	Ebpl	Edg6	Eef1e1
EG432879	EG667823	Ehd3	Eif1a
Eif2s3x	Eif4e3	Eif4enif1	Eif5a
Eif5b	Elk3	Emb	Emp3
Eny2	Epb4.1l2	Epsti1	Etf1
Etnk1	Evl	Exoc2	Exosc2
F830021D11Rik	Fancd2	Fanci	Farp2
Fas	Fastkd3	Fbxl20	Fbxo28
Fbxo30	Fbxo39	Fbxw4	Fdft1
Fer1l3	Fgfr1op	Fnbp1	Fnbp1l
Freq	Fusip1	Fyb	Garnl1
Gart	Gcsh	Gemin6	Gimap1
Gimap4	Gimap7	Gins3	Gja1
Gmfg	Gnl3	Got1	Gpaa1
Gphn	Gpr120	Gpsm3	Gramd3
Grap	Gsdmdc1	Gsn	Gspt1
Gtf2h4	Gtf2i	Gtse1	H2-Aa
H2-Ab1	H2-D1	H2-Eb1	H2-Q8
H2-T23	Hat1	Hbegf	Hbp1
Hbs1l	Hcst	Hdh	Hells
Hemgn	Hirip3	Hist1h1c	Hist1h1e
Hivep3	Hmgcr	Hmgcs1	Hmha1
Hmmr	Hn1l	Hnrpll	Hook2
Hsd17b11	Hsd17b7	Hspa4l	Hspa9
Hspd1	Hvcn1	Iars	Idi1
Ifi27	Ifih1	Ift57	Ift74

Igf1r	Igj	Igk-C	Igk-V1
Il16	Il27ra	Il2ra	Il7r
Il9	Insig1	Ints4	Ints7
Irf4	Irf7	Isg20l1	Itga4
Itgb3	Itgb7	Itpa	Itpkb
Itpr2	Jakmip1	Kbtbd11	Kcnn4
Kctd14	Kdelc1	Kif21b	Kif3b
Klf2	Klf3	Klf6	Kpna3
Kpnb1	L1cam	Larp4	Lcorl
Leo1	LOC100040297	LOC625360	LOC665689
Lonrf3	Lrdd	Lrig1	Lrrc33
Lrrc40	Lrrc58	Lrrc59	Lsm12
Lsm2	Lta	Ly6e	Lyar
Lycat	Lyn	Lyz	Lyzs
Macrod2	Madd	Maff	Map3k7
Mapk6	Mars2	Mastl	Mcm8
Mctp2	Med14	Med7	Mobkl2a
Mosc2	Mpeg1	Mphosph1	Mpnd
Mpp6	Mpp7	Mpzl1	Mrpl50
Mrps2	Ms4a4b	Ms4a4c	Ms4a6c
Mtdh	Mxd4	Myc	Mycbp
Myl4	Mylc2b	Mylip	Myo5a
Myohd1	NA	Nanos1	Nap1l1
Narg3	Nasp	Nat13	Nat5
Ncl	Ncoa2	Ndrg4	Ndufa12l
Nedd1	Nefh	Neil3	Nek6
Neto2	Nfix	Nhedc2	Nmb
Nmi	Nmt2	Noc4l	Nod1
Nol14	Nolc1	Npal3	Npas2
Nr4a2	Nr4a3	Nsg2	Nt5e
Nudcd1	Nudcd2	Nudt6	Nup133
Nup155	Nup160	Nup43	Nvl
Ociad2	Odc1	Oip5	Orc2l
Osbpl1a	OTTMUSG000016644	Oxct1	P2rx4
P2rx7	Pa2g4	Pabpc4	Papss2
Paqr7	Paxip1	Pbef1	Pbx2
Pbxip1	Pcbp3	Pcnt	Pdgfb
Pdlim5	Pdss1	Peli2	Perp
Pfas	Pfn2	Pglyrp2	Pgs1
Phactr2	Phb	Phf11	Phf15
Phf16	Phlda1	Phtf2	Pi4k2b
Pigr	Pik3ip1	Pip5k1b	Pitpnm1
Pitrm1	Pkp3	Pla2g12a	Plac8
Plagl2	Plekhf2	Plod2	Plod3
Plxnc1	Pole3	Pop1	Pphln1
Ppil5	Ppp2r5a	Ppwd1	Prkcb1
Prnp	Prpf31	Prps1	Psmb10
Psmc6	Psrc1	Ptgfrn	Ptp4a1
Ptpla	Ptpn18	Ptprcap	Pttg1
Pyhin1	Rab23	Rab37	Rac2
Rad18	Rad51ap1	Ramp1	Ramp3
Ranbp5	Rasa3	Rasgrp2	Rbm18
Rbm44	Rbmx2	Rbpj	Rcsd1
Rdh12	Rell1	Rexo2	Rfc2

Rg9mtd2	Rgs14	Rgs16	Rhebl1
Rin3	Rnf11	Rnf135	Rnf149
Rnf4	Rorc	Rps6ka1	Rpusd2
Rragd	Rrs1	Rsc1a1	Rsl1d1
Rtp4	Rusc1	Sacs	Samd9l
Sass6	Satb1	Sc4mol	Sc5d
Scarb1	Scotin	Sdf4	Sec24a
Seh1l	Sema4a	Sema4f	Serpine2
Sestd1	Sft2d2	Sgsh	Sh2d1a
Sh3yl1	Shkbp1	Shmt1	Shmt2
Sigirr	Siva1	Skap1	Skil
Skp2	Sla	Slc12a2	Slc12a7
Slc14a1	Slc16a10	Slc19a1	Slc19a2
Slc25a45	Slc29a1	Slc31a1	Slc35f2
Slc39a8	Slc4a11	Slc5a6	Slc6a6
Slc7a6	Slc9a5	Slfn1	Slfn2
Slfn3	Smarcc1	Smc2	Smc6
Smn1	Smox	Smpd4	Smpdl3a
Smyd3	Soat1	Socs2	Socs3
Socs4	Sorl1	Spata5	Specc1
Spin4	Spred1	Sqle	Srd5a1
Srf	Srm	Ssb	Ssh2
St5	St6gal1	St8sia4	Stard4
Stat4	Stat5a	Stk10	Stk17b
Stk38l	Surf1	Suv39h2	Syp
Tacstd1	Taf4b	Tardbp	Tasp1
Tbc1d1	Tbc1d10c	Tbc1d19	Tbc1d2b
Tbrg4	Tceb1	Tcf12	Tcrg
Tdrkh	Tfrc	Tgfbr1	Tgif1
Thop1	Thy1	Timm8a1	Tlcd1
Tle1	Tmem106b	Tmem107	Tmem154
Tmem19	Tmem48	Tmem65	Tmem71
Tmem97	Tmepai	Tmie	Tmprss3
Tnfaip3	Tnfaip8l2	Tns1	Topors
Tpcn1	Tpm3	Traf3ip3	Traf6
Trak1	Trat1	Trib3	Trim12
Trim14	Trmt11	Trp53	Trp53rk
Trps1	Tsc22d3	Tspan5	Tspo
Tsr2	Ttc30a1	Tusc4	Twsg1
Txlna	Txnip	Txnrd3	Tyki
Tyms	Tyrobp	Ube2e2	Uchl5
Uhrf1	Umps	Usf2	Usp22
Usp27x	Usp31	Usp46	Utp6
Vkorc1l1	Vps37c	Wdhd1	Wdr18
Wdr5	Wdr68	Wdr76	Xcl1
Xkr5	Xpot	Xpr1	Xrcc2
Ypel2	Zap70	Zbtb7b	Zfp106
Zfp367	Zfp52	Zfp62	Zkscan6
Zmat3	Zmym1	Zranb3	Zwint
Act/Rest	Il4	Il18rap	H2-DMa
Itgb1	Itgae	Mt1	C1qdc2
Cttn	Anxa4	Lag3	Zdhhc2
Asns	Cd160	Myo1e	Pdzk1ip1
Icos	Nrp1	Stc2	Agpat4

Ehd1	Id2	BC003324	Tiam1
Ela1	Prr6	9230110J10	Tmem180
Lxn	Abhd4	Lif	Sh3bgrl
D630039A03Rik	Tnfsf11	Mxd3	Apobec3
Serhl	BC033915	Pif1	Nelf
Ptger2	Tspan31	Nfatc1	6720467C03Rik
Nmral1	Cdkn2c	Ccl3	Hmgn3
2610318N02Rik	H2afx	1500032O14Rik	Arpc2
Acvrl1	Rnf145	4930523C07Rik	C130098B18Rik
Zdhhc17	NA	Rab3ip	Klf7
Slc35a5	Armcx2	Sap18	Pitpnc1
Trim30	Pml	Dse	Zbtb24
Rassf3	Zfp397	Sesn1	D930001B02
Pcmtd2	Tgfbr3	Rbbp6	Nedd4l
1700094D03Rik	Txk	Nxf1	Calm1
Ppig	6430527G18Rik	Foxo1	P2ry5
Grap2	Rrm2b	Magef1	Enc1
Galnt6	LOC552906	Smad7	Zfp192
Mll3	Atp8a1	Amy2	Tanc1
Cd55	Me2	Usp53	Pus3
Sf3b3	1110007A13Rik	Il6st	Thap2
Igfbp4	Srpk2	Clk4	Pias2
Foxp1			

Act/Rest + aT_R/Rest

39697	1110038D17Rik	1110067D22Rik	1500011H22Rik
1700041C02Rik	2010317E24Rik	2210012G02Rik	2310010G23Rik
2310010M24Rik	2310035C23Rik	2410066E13Rik	2610036L11Rik
2700049P18Rik	2810417H13Rik	2810433K01Rik	2900073G15Rik
4632428N05Rik	4930523C07Rik	4930534B04Rik	4930547N16Rik
4933413A10Rik	5133400G04Rik	5830405N20Rik	5930433N17Rik
9130208E07Rik	9630013D21Rik	A930005H10Rik	Abcg3
Acvrl1	Adam19	Adam9	Add3
Adh1	Adrb2	Afap1	Afp
Ahcy	Ahr	AI790276	Alad
Amigo2	Ampd1	Anln	Anp32e
Ap3m2	Arhgap11a	Arhgap19	Arhgap21
Arhgap29	Arhgef18	Arl6	Arrb1
Asf1b	Aspm	Atpif1	Aurka
Aurkb	AV071699	AW011738	B430306N03Rik
BB001228	BC004022	BC038822	BC055324
Bcl2a1a	Bhlhb2	Birc5	Btbd11
Bub1	Bub1b	C030034I22Rik	Cacna2d4
Capg	Car2	Card6	Casp3
Casp7	Cbr1	Cbx4	Ccdc34
Ccna2	Ccnb1	Ccnb1-rs1	Ccnb2
Ccnd1	Ccne1	Ccnf	Ccpg1
Cd200	Cd247	Cd44	Cdc20
Cdc2a	Cdc6	Cdca2	Cdca3
Cdca5	Cdca8	Cdk6	Cdkn3
Cenpa	Cenpe	Cenpf	Cenpl
Cenpn	Cep55	Chsy1	Chtf18
Cish	Ckap2	Ckap2l	Cks1b
Cks2	Cln8	Clspn	Cnga1

Cobll1	Cpm	Crlf3	Cryz
Csda	Ctla2a	Ctla2b	Ctla4
Cyp2d22	D14Abb1e	D16Bwg1543e	D230012E17Rik
D2Ertd750e	D330050I23Rik	Daam1	Daxx
Depdc1a	Dgka	Dut	Dyrk2
E2f8	Ebi2	Ect2	Edg1
Egln3	Ell2	Eme1	Endod1
Espl1	Eya2	Ezh2	F2r
F630043A04Rik	F730047E07Rik	Fabp5	Fen1
Fignl1	Fmo5	Gas2	Gem
Ggtla1	Gins2	Gmnn	Gpr146
Gprasp1	H13	H2-T24	Herc5
Hk2	Hmgb2	Hmgb3	Hmmr
Ifit2	Il12rb1	Il2rb	Impa2
Incenp	Iqgap3	Itk	Jhdm1d
Kif11	Kif1b	Kif20a	Kif22
Kif2c	Kif4	Klhdc5	Kntc1
Kpna2	Lass6	Ldlrap1	Leprotl1
Lgals3	Lig1	Litaf	Lmnb1
Lrrc1	Mad2l1	Maf	Map4k3
Marcksl1	Mbnl3	Mcm3	Mcm5
Mcm6	Mcm7	Melk	Mitd1
Mki67	Mxd3	Mybl2	Myo1c
NA	Ncapd2	Ncapg	Ncapg2
Ncaph	Ndc80	Nedd4	Nek2
Nfkbil2	Nlk	Nrp1	Ntrk3
Nuf2	Nusap1	Osbpl3	Osbpl9
Pag1	Parp16	Pbk	Pdcd1
Pdcd1lg2	Pdk1	Pebp1	Plagl1
Plk1	Plp2	Plscr1	Pmaip1
Pold1	Ppfibp1	Ppm1k	Ppp1r13b
Prc1	Prkcn	Prr13	Psat1
Ptpn3	Ptprs	Qpct	Racgap1
Rad51ap1	Rapgef4	Rbbp8	Repin1
Rfc3	Rfc4	Rfc5	Rnaseh2b
Rnf167	Rpa2	Rrm1	Rrm2
Rsad2	Rtn4rl1	Scml4	Scpep1
Sell	Setd4	Sfmbt2	Sgol2
Shcbp1	Slc16a5	Slc35a5	Slfn5
Smad5	Snx14	Spag5	Spc24
Spc25	St14	Stmn1	Stx11
Syce2	Synpo	T25670	Tacc3
Tcf19	Tcrb-J	Tgfbr2	Tjp2
Tk1	Tmbim1	Tmem2	Tmem38b
Tnfrsf4	Top2a	Tpi1	Tpx2
Trim34	Trip13	Tspan31	Ttc28
Tyms	Ube2c	Ube2t	Uhrf1
Usp18	Whsc1	Xrcc3	Zbtb32
Zfp652	Zfp82	Zmym2	Znrf2
aTreg/Rest	1110001A07Rik	1110067D22Rik	1500005A01Rik
1500005K14Rik	1500010J02Rik	1700019D03Rik	1700029F09Rik
1810029B16Rik	1810054D07Rik	1810055G02Rik	2010003J03Rik
2010012C16Rik	2010111I01Rik	2210010C17Rik	2310007D09Rik
2310051E17Rik	2310058N22Rik	2310066E14Rik	2610019F03Rik

2610528E23Rik	2700038C09Rik	2810002D19Rik	2900026A02Rik
2900086B20Rik	3200002M19Rik	4632428N05Rik	4921524J06Rik
4930422G04Rik	4930431B09Rik	4930523C07Rik	4930534B04Rik
4930579G24Rik	4932441K18Rik	5730593F17Rik	5830443L24Rik
6330500D04Rik	6720463M24Rik	9130221H12Rik	9130404D14Rik
9230105E10Rik	9430025N12Rik	A430107D22Rik	A930005H10Rik
Aaas	Abca1	Abcb1b	Abi2
Acpl2	Acss1	Actn1	Acvr2a
Agpat3	AI413194	AI450540	AI451617
AI504432	AI847670	AK122525	Aldh7a1
Alg10b	Alg8	Als2cl	Als2cr4
Ampd3	Angptl2	Ankrd13d	App
Arhgap4	Atad2	Atad5	Atf7ip
Atp10d	AW011738	Axin2	B230339M05Rik
B230342M21Rik	B630005N14Rik	Bax	BC004022
BC006779	BC013672	BC050254	Bcl11a
Bcl11b	Bmpr2	Brca2	Bri3
Btg2	C230085N15Rik	Cad	Card11
Ccdc50	Ccne1	Ccnt2	Cdc34
Cdc45l	Cdca2	Cenpi	Cep27
Cept1	Chchd6	Chst2	Cklf
Cldnd1	Cndp2	Col15a1	Cpm
Crtap	Ctse	Ctsw	Cyb561d1
Cyfip2	Cyp2s1	D12Ertd551e	D12Ertd553e
D17H6S56E-5	D2Ertd435e	D2hgdh	D8Ertd82e
D9Ertd402e	Dapl1	Dbf4	Dennd2d
Dguok	Diap3	Dkc1	Dnahc8
Dnajc2	Dnajc3a	Dopey2	Dsn1
Dsp	Dtymk	Dut	Dyrk2
Dzip1	E130012A19Rik	E130016E03Rik	E2f1
Eea1	Egr2	Ehd4	Eif2a
Emb	Ercc6l	Ergic1	Ero1l
Ets2	Evi2b	Evl	Exo1
Ezh1	Faah	Fbxo45	Fbxo5
Fbxo9	Fen1	Foxp3	Fubp3
Furin	Gabarapl1	Galk1	Gas2l3
Gba2	Gcat	Gemin8	Gimap3
Gimap6	Gins2	Gla	Gmfb
Gnaq	Gpr68	Gramd1a	Grk6
Gspt1	Gyk	H2-Ke6	H2-Ob
Hipk2	Hist1h3a	Hist2h2be	Hist2h3c1
Hmg20a	Hmmr	Hsh2d	Icam2
Id3	Idh1	Ifit1	Ifnar1
Igfbp7	Igh-6	Ikbke	Ikzf4
Il16	Il17ra	Il1rl2	Il21r
Il2rb	Impa2	Inpp1	Irak4
Itga4	Itpr2	Josd3	Jun
Kcnq5	Kdelc1	Kif11	Kif1b
Kif2c	Klhdc1	Lamp2	Lap3
Limd2	Lipa	Lman1	LOC328483
LOC623121	Lrrc41	Ltb	Ly6c1
Maml2	Map2k3	Mapkapk3	Marveld1
Mast3	Mbnl3	Mcm2	Mcm4
Mcm5	Mcm7	Mdfic	Med14

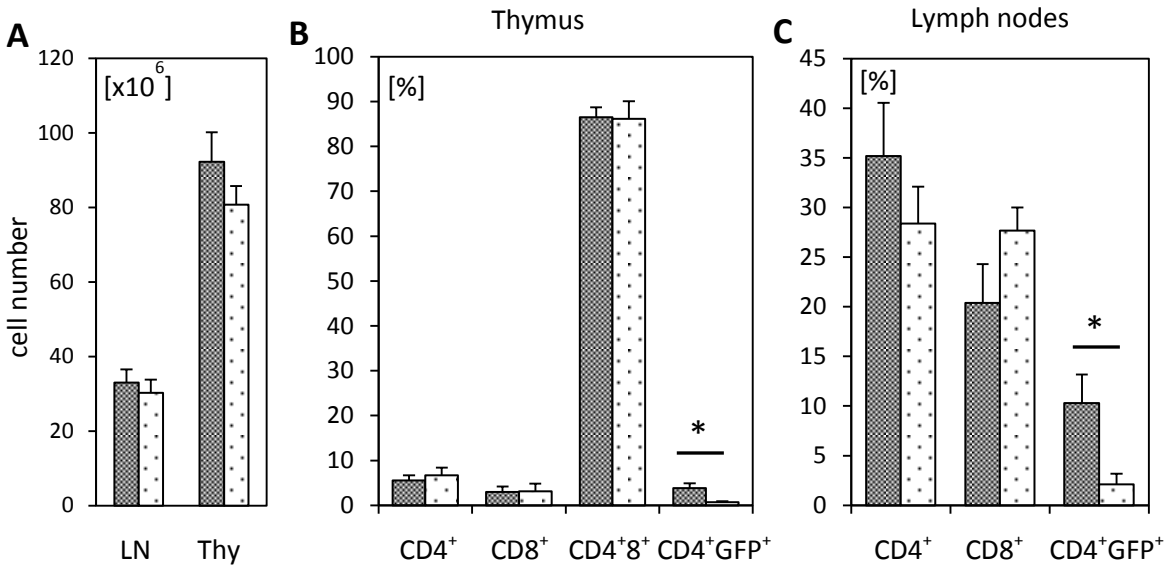
Mef2d	Memo1	Mlstd2	Mphosph1
Mppe1	Mre11a	Mrps6	Ms4a6b
Mtbp	Mtmr3	Mx1	NA
Ncbp2	Nedd1	Nedd9	Npc2
Nr4a2	Nsbp1	Nsl1	Nudt1
Nudt5	Nup155	Nup205	Nup50
Oasl2	Odc1	Pa2g4	Pabpc4
Palb2	Parp12	Parp6	Parp8
Pask	Pbxip1	Pde2a	Pde4b
Pdk3	Pdlim4	Pdzd11	Pea15a
Pfn2	Pgam1	Phf1	Phgdh
Pik3r5	Plec1	Plekhg2	Plk4
Pold1	Pold3	Polr3k	Ppa1
Ppapdc1	Ppil5	Ppp1r7	Prkca
Prkd2	Prnp	Prr11	Prr14
Psat1	Pscdbp	Psmc3ip	Pspc1
Pstpip1	Ptpla	Ptpre	Rabac1
Rabgap1l	Ralgps2	Ranbp1	Rapgef2
Rassf2	Rbl1	Rbpj	Rdbp
Recql4	Reep3	Rere	Rfc3
Rfxank	Rgs16	Rhobtb2	Rhoq
Rnf144	Rnf213	Rpa3	Rps27l
Rrm1	Rrm2	Rtn3	Rtp4
Samd9l	Sap30	Satb1	Scg5
Sell	Serf1	Sertad3	Sfrs2
Sh2d2a	Shmt1	Sidt1	Sit1
Siva1	Skp2	Sla	Slc12a2
Slc12a6	Slc16a1	Slc25a13	Slc28a2
Slc31a1	Slc4a7	Slmo2	Smad4
Smarcad1	Smc2	Smpd2	Smpd4
Snhg6	Snrpd1	Sp100	Sp4
Spry1	Srrp	St6galnac4	Stab1
Stard4	Stk4	Suv39h1	Suv420h1
Syncrip	Sytl2	Tcrb-J	Tcrb-V13
Tcrb-V8.2	Tcstv3	Tfdp2	Timp2
Tle3	Tmem134	Tmem142b	Tmem149
Tmem158	Tmem48	Tmem8	Tmem9b
Tmie	Tmpo	Tnfrsf9	Top2a
Topbp1	Traip	Treml2	Trim21
Trim25	Trim30	Tspyl4	Ttc28
Ttk	Ttyh3	Twsg1	Ube1l
Ube2h	Uck2	Uhrf1	Ung
Utrn	Uxs1	Vcl	Vps13d
Vps37b	Wdr67	Wdr90	Whsc1
Wipf1	Zbtb4	Zdhhc15	Zdhhc18
Zfp148	Znfx1	Znrf2	Zyg11b

Act/aT_R + Act/Rest + aT_R/Rest

Abce1	Ablim1	Abtb2	Acsl3
Acvr1	Adamts6	Add3	Alcam
Arl4c	Armcx4	Asns	AW112010
BC030867	Bcat1	Brca1	Bub1
C330027C09Rik	C79407	Capg	Cbx5
Ccdc50	Ccdc99	Ccl5	Ccne2

Cd83	Cdca5	Cdkn1a	Cenph
Cenpk	Cenpp	Chek1	Cpd
Ctnna1	Ctso	Cyfip1	D6Wsu176e
Ddx58	Dhfr	Dhodh	Dna2l
Dtl	Dusp4	E030037K03Rik	E2f3
E2f7	EG666231	Emp1	Eomes
Esco2	F730047E07Rik	Fanca	Fas
Fcgr2b	Foxm1	Gimap6	Gins1
H2-Oa	Hells	Hist1h2bp	Hnrpll
Hsd11b1	Hsdl1	Icos	Ifitm3
Il2ra	Isgf3g	Jak1	Kcnk6
Kif18a	Klf10	Lancl2	Lipa
Litaf	LOC677168	Lrrc41	Lrrc41
Mcm10	Mcm3	Mcm4	Mcm6
Mcm7	Mettl7a	Mmd	Ms4a6d
NA	Ncf4	Ncoa7	Nipa2
Nrp1	Nudt4	Oas1g	Orc1l
Orc6l	Oxct1	Pdap1	Peci
Pglyrp1	Plagl2	Plk4	Pola1
Pole	Ppil5	Prdm1	Prim1
Prim2	Psrc1	Ptcd3	Ptprj
Qser1	Rab19	Rad51	Rad51ap1
Rala	Rasgrp1	Rbpj	Rcc1
Rfc4	Rgs1	Rnf43	S100a4
S100a6	Scpep1	Sema7a	Sgol1
Siah1b	Skp2	Slbp	Slc43a3
Slfn8	Smyd2	Snhg3	Socs2
Ss18	Ssh2	St8sia6	Stil
Stk17b	Tcf7	Tcp11l2	Tfdp1
Tipin	Tjp2	Tmcc3	Tmem107
Tmem63a	Trip13	Tspan32	Ttc27
Utp20	Wee1	Wipi2	Zmym2
Zwilch			

Supplemental data 2.



(A) Cell numbers recovered from lymph nodes (LN) and thymi (Thy) isolated from BMPR1α^{Twt} (hatched bars) or BMPR1α^{T-} (dotted bars) mice. Differences in the number of recovered cells between WT and KO mice are not statistically significant (lymph nodes p=0.12, thymi p=0.055). (B) Percentage of single positive (CD4$^+$ and CD8$^+$), double positive (CD4$^+$8$^+$) thymocytes and T_R in the CD4$^+$ subset (CD4$^+$GFP$^+$) in thymi isolated from BMPR1α^{Twt} (hatched bars) or BMPR1α^{T-} (dotted bars) mice. Only differences in the percentage of T_R cells are significant and marked by an asterisk. The p values for CD4$^+$, CD8$^+$, CD4$^+$8$^+$ and CD4$^+$GFP$^+$ populations are respectively 0.23, 0.47, 0.46, 0.004. (C) Percentage of helper (CD4$^+$), cytotoxic (CD8$^+$) T cells and T_R cells in the CD4$^+$ subset in lymph nodes isolated from BMPR1α^{Twt} (hatched bars) or BMPR1α^{T-} (dotted bars) mice. Only differences in the percentage of T_R cells are significant and marked by an asterisk. The p values for CD4$^+$, CD8$^+$ and CD4$^+$GFP$^+$ populations are respectively 0.18, 0.20, 0.0002. The bars in all plots represent standard deviations. Samples were compared using Student t test. At least four mice/group were compared.