

Name	ID	Name	ID	Name	ID	Name	ID	Name	ID
Brx1b	AA032943	Inx	Mm.10179	Tcl1b3	Mm.116701	TNF (alpha)	Mm.1293	Mm.14145	Mm.14145
AA138874	AA138874	LNX	Mm.10179	Tcl1b3	Mm.116701	Bazf	Mm.12930	Mx2	Mm.14157
AA175680	AA175680	GRK5	Mm.10188	Pmsd1	Mm.116711	Tnfrsf17	Mm.12935	Tbr1	Mm.14158
AA177906	AA177906	Il6	Mm.1019	Mm.116720	Foxc1	Mm.12949	Cotl1	Mm.141741	
AA212067	AA212067	Il6	Mm.1019	Ccl20	Mm.116739	Mm.129626	Mm.129626	Mm.141864	Mm.141864
AA413888	AA413888	VCAM-1	Mm.1021	Ccl20	Mm.116739	NEMO	Mm.12967	Il2	Mm.14190
AA423542	AA423542	Jagged2	Mm.102140	Ccl20	Mm.116739	Mm.12969	Mm.12969	Il2	Mm.14190
AA445709	AA445709	Cdo42	Mm.1022	Gdf2	Mm.116788	Cish1	Mm.130	IL-2	Mm.14190
Crk1	AA465992	Wisp1	Mm.10222	Rog-pending	Mm.116789	JAB	Mm.130	Igfbp2	Mm.141936
AA543114	AA543114	IGF-1R	Mm.10226	Rog-pending	Mm.116789	JAB/SSI-1	Mm.130	Edr2	Mm.14198
AA547280	AA547280	Mm.102323	Mm.102323	Nlralc2	Mm.116802	Sp-1	Mm.1302	Lck	Mm.142
AA690320	AA690320	Mm.102323	Mm.102323	Nlralc2	Mm.116802	PPARalpha	Mm.1303	p56lck	Mm.142
AA717201	AA717201	Dnase1b3	Mm.10287	LOC170938	Mm.116806	Kap	Mm.13052	Mcpil	Mm.14213
AA760194	AA760194	Dnase1b3	Mm.10287	Toll like receptor 5	Mm.116894	Sc5d	Mm.13081	MKP 6	Mm.142293
AA760194	AA760194	Mm.10336	Mm.10336	Igfb6	Mm.116903	Mm.130873	Mm.130873	MKP 6	Mm.142293
AA930619	AA930619	Mm.103413	Mm.103413	Mm.117042	Mm.117042	Mm.130873	Mm.130873	Mm.142354	Mm.142354
AB042432	AB042432	Mm.103468	Mm.103468	Ppp2ca	Mm.11711	Mm.1312	Mm.1312	Rpl27a	Mm.142380
AC002324	AC002324	GPCR41	Mm.103547	Ppp2ca	Mm.11711	ESTs	Mm.131241	Rpl27a	Mm.142380
AC091472	AC091472	Hey2	Mm.103573	Trem2a	Mm.117129	mir1	Mm.131615	Mm.142479	Mm.142479
AF021335	AF021335	hairyleukenhancer-of-split	Mm.103615	Adam21	Mm.117130	Mm.131747	Mm.131747	Gata4	Mm.1428
AF156165	AF156165	Lats1	Mm.103623	Jund1	Mm.11715	Abi1	Mm.1318	Cmkbr5	Mm.14302
K channel regulator	AF244920	Hrasr-pending	Mm.103650	Jund1	Mm.11715	T complex responder 1	Mm.132559	Cmkbr5	Mm.14302
AF349678	AF349678	Tcl1b4	Mm.103652	Jund1	Mm.11715	Mm.132523	Mm.132523	Tek	Mm.14315
TCRq-V2	AAH005314	Tcl1b4	Mm.103652	Retn	Mm.1181	Mad	Mm.1329	Tslp	Mm.143716
ICER	AI 326270	Tcl1b2	Mm.103653	Retn	Mm.1181	Clecsf12	Mm.132943	Delta-4	Mm.143719
AI049580	AI049580	Nfk	Mm.103704	Nur77	Mm.119	Bm-3a POU	Mm.1330	Dlil4	Mm.143719
IL-12a	AI050362	Ng2f	Mm.103727	nur77	Mm.119	Mm.133079	Mm.133079	Rfael1	Mm.143734
end of Pax5 CDS	AI173210	Zfp108	Mm.103750	Nr4a1	Mm.119	Mm.133086	Mm.133086	Noxa	Mm.143798
AI195131	AI195131	Dccr1	Mm.103778	Nr4a1	Mm.119	Il1f6	Mm.133095	Nicastroin	Mm.143819
JNK1	AI327350	Il12a	Mm.103783	Irf1	Mm.1192	Mm.133270	Mm.133270	Halapx-pending	Mm.143832
AI390725	AI390725	Hic2	Mm.103787	Ig J-chain	Mm.1192	Mm.133270	Mm.133270	TCF-3	Mm.1440
AI430513	AI430513	Nova1	Mm.103793	Enpep	Mm.1193	Mm.133270	Mm.133270	Pdgb	Mm.144089
AI447335	AI447335	Vav3	Mm.103805	Fil1	Mm.119781	Dhcr24	Mm.133370	Gzme	Mm.14424
PKC(e)	AI462478	Tcl1b5	Mm.103951	Fil-1	Mm.119781	STK4	Mm.133478	Igh-1	Mm.144308
AI464618	AI464618	Aip	Mm.10433	Myb	Mm.1202	Mm sim Rb bind prot1	Mm.133482	Igh-1	Mm.144308
AI530432	AI530432	Igk-V28	Mm.104747	Mm.120692	Mm.120692	Fgr	Mm.1338	Gzmf	Mm.14431
AI561416	AI561416	Igk-V28	Mm.104747	Tnfrsf7	Mm.121	Rai12	Mm.13430	Gzmf	Mm.14431
CDB8	AI573543	Igk-V28	Mm.104747	Tnfrsf7	Mm.121	D7Erd1458e	Mm.134436	Gzmf	Mm.14431
AI592244	AI592244	Igk-V28	Mm.104747	CD27	Mm.121	Ilg4	Mm.1346	H2-M3	Mm.14437
RAD51	AI892484	Xlr4	Mm.104764	Tiam1	Mm.1211	Il1r2	Mm.1349	Tgfb	Mm.14455
AK011654	AK011654	Sprnt1	Mm.104955	Tiam1	Mm.1211	IL-1R2 (beta)	Mm.1349	Gzmc	Mm.14455
AL022328	AL022328	PDK1	Mm.10504	Mm.1211	Mm.1211	Mm.135236	Mm.135236	Birc3	Mm.14483
AL049866	AL049866	Mm.zfp	Mm.10509	Masp1	Mm.1213	Mm.135236	Mm.135236	Birc3	Mm.14483
AV033628	AV033628	caspase-1	Mm.1051	STAT-6	Mm.121721	Mm.135236	Mm.135236	IAP2	Mm.14483
AV156352	AV156352	Mm.105258	Mm.105258	Tpm1	Mm.121878	Egr2	Mm.1353	MKK6c	Mm.14487
AV193997	AV193997	Mm.105258	Mm.105258	CD3z	Mm.1224	Mm.135397	Mm.135397	Kir1b	Mm.14489
PI-3 kinase	AW320561	MEK1	Mm.1059	CD3z	Mm.1224	Iga	Mm.1355	nkr0p1a	Mm.14489
AW551682	AW551682	Cd28	Mm.1060	Irf5	Mm.12246	mb-1	Mm.1355	NKRP1-B	Mm.14489
Bik	AW611317	CD28	Mm.1060	Cr2	Mm.1226	Mm.135685	Mm.135685	Ccl2	Mm.145
PLC-beta1a	AW744200	Tnfrsf10	Mm.1062	Tlr7	Mm.122955	Gadd45b	Mm.1360	Ccl2	Mm.145
Blimp-1	AW824426.1	MASH1	Mm.10663	Phlppr2	Mm.1230	Nfil3	Mm.136604	Cd86	Mm.1452
DNA ligase IV	AW913518	Bcl3	Mm.1068	Cyr61	Mm.1231	Ccl6	Mm.137	Adam1	Mm.1453
BB008563	BB008563	Bcl-3	Mm.1068	Mm.1232	Mm.1232	Ccl6	Mm.137	Adam1	Mm.1453
BB552649	BB552649	Ehf	Mm.10724	Mm.1232	Mm.1232	Rrbp1	Mm.13705	Csf2rb1	Mm.14595
BB658832	BB658832	Casp8	Mm.10736	CBP	Mm.123225	Pax7	Mm.1371	Mkm3	Mm.146
BC036279	BC036279	Casp8	Mm.10736	Foxr2a	Mm.1233	HE55	Mm.137288	Sell	Mm.1461
BE447582	BE447582	caspase-8	Mm.10736	Foxr2a	Mm.1233	HE55	Mm.137288	Sell	Mm.1461
BE625164	BE625164	Cideb	Mm.10737	gadd45a	Mm.1236	CREB	Mm.1376	Translin	Mm.14644
BE628214	BE628214	Wnt1b	Mm.10740	Pmp22	Mm.1237	Tgfb2	Mm.1377	Mm.146516	Mm.146516
XRCC4	BE631468	wnt13	Mm.10740	G-CSF	Mm.1238	Cnr2	Mm.1378	Mm.146516	Mm.146516
BE632951	BE632951	Tocr	Mm.10745	Ikaros	Mm.12396	Wisp2	Mm.13828	Id2	Mm.1466
BE650427	BE650427	Tocr	Mm.10745	Gh	Mm.1240	Trim21	Mm.1384	Id2	Mm.1466
Beta-Raf	BE654999	AIF1	Mm.10747	IRF-1	Mm.1246	HSP27	Mm.13849	Gsta3	Mm.14719
Bub1b	BF023231	Dok2	Mm.10761	D11Erd714e	Mm.12479	Mm.138641	Mm.138641	Sdcbp	Mm.14744
OS-9	BF147237	Bard1	Mm.10764	Mm.12539	Mm.12539	Mm.138641	Mm.138641	Rps3	Mm.147693
BG064785	BG064785	Tbx15	Mm.10797	Ccl4	Mm.1255	Mm.138641	Mm.138641	TRAP2 ?	Mm.147697
BG082283	BG082283	fcr2	Mm.10809	Ccl4	Mm.1255	Mm.138641	Mm.138641	EFNA2	Mm.1478
BG091504	BG091504	Xlkd1	Mm.10817	Zfp239	Mm.1256	Rab11a	Mm.1387	EFNA3	Mm.1478
BG867597	BG867597	Mm.108581	Mm.108581	TNFR2	Mm.1258	CD134/OX40	Mm.13885	Rent1	Mm.147889
BG919627	BG919627	Cyp11a	Mm.10878	Mtas4	Mm.12625	Apoe	Mm.138866	GST	Mm.14796
BG919627	BG919627	Mm.10878	Mm.10878	Mtas4	Mm.12625	Mm.139010	Mm.139010	Mod-1	Mm.148155
BI076462	BI076462	ESTWsim zfp235	Mm.10888	MAP4	Mm.12625	Mm.139075	Mm.139075	Nap4k1	Mm.148278
BM248519	BM248519	Gpx1	Mm.1090	PKC-alpha	Mm.1266	Mm.139120	Mm.139120	Nap4k1	Mm.148278
SplB	Hs.192861	schlafen 1	Mm.10948	RAR-gammaA	Mm.1273	Rpl22	Mm.13917	SH-1	Mm.1484
Hs.6353	Hs.6353	Ube1x	Mm.1104	Pip	Mm.1278	Mm.139204	Mm.139204	SH-PTP1	Mm.1484
Id3	Hs.76884	Ube1x	Mm.1104	Pip	Mm.1278	Map3k11	Mm.139222	Arf4	Mm.1486
TGFA	Mm.100050	Mm.11075	Mm.11075	Pip	Mm.1278	Map3k11	Mm.139222	Gzmg	Mm.14868
LOC193217	Mm.100084	mCBP	Mm.111	Rab5b	Mm.12815	MLK3	Mm.139222	Granzyme B	Mm.14874
Madh4	Mm.100399	Mm.111346	Mm.111346	Ccl3	Mm.1282	Ppp1r14b	Mm.140	RAD52	Mm.149
Madh4	Mm.100399	ERCC3	Mm.11218	Ccl3	Mm.1282	Elf4ebp2	Mm.140186	AA407180	Mm.149760
Abcg3	Mm.100671	Wnt1	Mm.1123	Ccl3	Mm.1282	Vegfc	Mm.1402	Fcgr1	Mm.150
Pama3	Mm.1007	Npdc1	Mm.1131	Lunatic Fringe	Mm.12834	Vegfc	Mm.1402	Fz5f	Mm.150813
Ptgd3	Mm.1008	Irfb2	Mm.1137	Mm.12834	Mm.12834	Mm.140496	Mm.140496	Tst	Mm.15312
Nfatc1	Mm.10085	CD18	Mm.1137	Irfb2l	Mm.12872	Rsd1-pending	Mm.14063	Mm.153218	Mm.153218
NFATc1	Mm.10085	Rps6	Mm.1139	Cnkrar3	Mm.12876	Maf1a	Mm.14064	Mm.153218	Mm.153218
Irfra	Mm.1009	Hdgf	Mm.1141	Hsd17b7	Mm.12882	Smarcd3	Mm.140672	Mm.153457	Mm.153457
ESTs	Mm.100904	HDGF	Mm.1141	Torc-V4	Mm.1289	Foxc2	Mm.14092	Mm.153637	Mm.153637
Ptgi	Mm.10091	Irf2	Mm.1149	Zfp326	Mm.12891	Gzmd	Mm.14095	Mm.153637	Mm.153637
Zfp98	Mm.10103	IRF-2	Mm.1149	Ccl22	Mm.12895	Nnat	Mm.140956	D6-pending	Mm.153701
Zfp98	Mm.10103	CD26	Mm.1151	Ccl22	Mm.12895	Alk3	Mm.140965	D6-pending	Mm.153701
TRAM1	Mm.1011	0710008A13Rik	Mm.11535	delta-like 3	Mm.12896	Tapbp	Mm.14097	D6-pending	Mm.153701
Cxd13	Mm.10116	Atp6v0a2	Mm.1158	TRAF1	Mm.12898	Tapbp	Mm.14097	Mm.153760	Mm.153760
Cxd13	Mm.10116	H2-Oa	Mm.116	Tgfb3	Mm.1291	Tapbp	Mm.14097	ESTs	Mm.153806
Nr4a3	Mm.101224	Zfp191	Mm.116637	TGF beta 3	Mm.1291	Zfp385	Mm.14099	Tnfrsf11b	Mm.15383
Nor1	Mm.101224	Zfp111	Mm.116646	TGF-beta3	Mm.1291	IL-18	Mm.1410	Tnfrsf11b	Mm.15383
Neud4	Mm.101277	Zbp1	Mm.116687	Men1	Mm.12917	Bcl2l11	Mm.141083	Ms TCR	Mm.154149
IL-16	Mm.10137	JunB	Mm.1167	Men1	Mm.12917	Bcl2l11	Mm.141083	Rev1l	Mm.154309
IL16	Mm.10137	JunB	Mm.1167	BRUCE	Mm.12921	Ceacam1	Mm.14114	Fkbp5	Mm.154390
Mm.101507	Mm.101507	Crfl	Mm.116700	Trf	Mm.1293	ets1	Mm.14115	AF013969	Mm.154431
Mm.101659	Mm.101659	Crfl	Mm.116700	Trf	Mm.1293	Myoz2	Mm.141157	Zfp297	Mm.154457

Name	ID	Name	ID	Name	ID	Name	ID	Name	ID
Zfp297	Mm.154457	Mm.16813	Mm.16813	Capg	Mm.18626	Dcn	Mm.1987	MMP-4	Mm.20935
Zfp297	Mm.154457	PD-L1	Mm.168681	CD36	Mm.18628	Bax	Mm.19904	Casp14	Mm.20940
Aco2	Mm.154581	p57KIP2	Mm.168789	Tbca	Mm.18633	Bax	Mm.19904	caspase-14	Mm.20940
Stat4	Mm.1550	MEF2D	Mm.169079	Scml3	Mm.18718	Cflar	Mm.1993	Fkbp9	Mm.20943
Stat4	Mm.1550	Mm.16926	Mm.16926	Mm.187301	Mm.187301	CASH-beta=FLIP	Mm.1993	Zfp64	Mm.2095
Stat4	Mm.1550	Mm.16926	Mm.16926	Mm.187301	Mm.187301	CASH-alpha/flip alpha	Mm.1993	ESTs	Mm.209954
Stat4	Mm.1550	Mm.171399	Mm.171399	Sox-4	Mm.18789	Map2k5	Mm.19947	Cxcl1	Mm.21013
STAT-4	Mm.1550	Ltb	Mm.1715	2900028O21Rik	Mm.18810	MEK5	Mm.19947	cyclin G	Mm.2103
Gzma	Mm.15510	lymphotoxin B	Mm.1715	2900028O21Rik	Mm.18810	ESTs	Mm.19967	Mm N-BAK1	Mm.210307
I1a	Mm.15534	Lox	Mm.172	Mta3	Mm.18821	ESTs	Mm.19967	Mm IMAGE3491909	Mm.21118
Ocl-1a	Mm.15568	ESTs	Mm.172270	Skizw	Mm.18845	I115ra	Mm.200196	Mm.21119	Mm.21119
Bnip2	Mm.1561	Tpm3	Mm.17309	SKIV2L	Mm.18845	i1-15r alpha	Mm.200196	Retnib	Mm.21123
Bnip2	Mm.1561	Rnpc2	Mm.17307	ALY coactivator	Mm.1886	Mm.200389	Mm.200389	Hnrpu	Mm.2115
I11ra1	Mm.15617	Rnpc2	Mm.17307	Brcal	Mm.1889	A132312	Mm.200513	nuclear matrix protein sp12	Mm.2115
I11ra1	Mm.15617	Mm.173277	Mm.173277	Brcal	Mm.1889	Mm.200536	Mm.200536	nuclear matrix protein sp12	Mm.2115
TBX1	Mm.156370	Mm.17333	Mm.17333	Brcal	Mm.1889	Zfp280	Mm.200569	Mm.211530	Mm.211530
ATF7	Mm.1566	Cd48	Mm.1738	BRCA1	Mm.1889	Zfp280	Mm.200569	Cyp3a11	Mm.21193
H2-Ea	Mm.15680	Notch4	Mm.173813	Hsd17b1	Mm.188939	Lef1	Mm.200634	Nrbf2	Mm.21209
Hnrpd	Mm.156892	Notch-4	Mm.173813	Chrhr	Mm.1892	LEF1	Mm.200634	CNTF	Mm.212501
Casp11	Mm.1569	Rel B	Mm.1741	clathrin-associated AP-2	Mm.18946	Mm.20074	Mm.20074	H2-Q8	Mm.212538
Casp11	Mm.1569	Mm.174256	Mm.174256	Cdkn2c	Mm.1912	Tgfb3	Mm.200775	H2-Q8	Mm.212538
Mm.1569	Mm.1569	Mm.174361	Mm.174361	p18	Mm.1912	Tnfrsf21	Mm.200792	Magea2	Mm.212663
caspase-11	Mm.1569	Serf1	Mm.1749	Sfrp2	Mm.19155	DR6	Mm.200792	Mm.212854	Mm.212854
caspase-11	Mm.1569	Cradd	Mm.17493	Sarp1	Mm.19155	PAK1	Mm.200847	Ifi204	Mm.212870
caspase-11	Mm.1569	RAIDD/Cradd	Mm.17493	Ube2b	Mm.1920	PAK1A	Mm.200847	Igf1b1	Mm.21300
Hira	Mm.15694	Zfp259	Mm.17519	Mm.1921	Mm.1921	AW146109	Mm.200904	Mm.213001	Mm.213001
KRIP1	Mm.15701	H2-Aa	Mm.175310	Mm.192624	Mm.192624	Gstm1	Mm.2011	Mm.213001	Mm.213001
TIF1beta	Mm.15701	H2A, alpha	Mm.175310	Srxv	Mm.1927	Gstm1	Mm.2011	MyD88	Mm.213003
Torb-J	Mm.157012	Cnfl	Mm.175612	ITM2A	Mm.193	A1326876	Mm.20117	Mm.213010	Mm.213010
tr b 2	Mm.157012	Cnfl	Mm.175612	Prdx6	Mm.193042	Rab33a	Mm.2015	Mm.213275	Mm.213275
TCRbeta	Mm.157012	Cnfl	Mm.175612	Ltbp1	Mm.19307	A182056	Mm.201524	Mm.213275	Mm.213275
tr b 14	Mm.157012	Brp17	Mm.177272	C1cn4-2	Mm.193088	CBFBeta	Mm.2018	folate receptor unigene 213	Mm.2135
Cdh11	Mm.1571	Hn1	Mm.1775	Tnfrsf10b	Mm.193430	Ntkb2	Mm.20225	Zfp57	Mm.21362
Cdh11	Mm.1571	ferritin heavy chain	Mm.1776	Klra7	Mm.193478	NF-kB2(p100)	Mm.20225	Igf1b6	Mm.21373
CK1	Mm.157502	Fth	Mm.1776	Iy49g2	Mm.193478	p80HT	Mm.20225	Mm.214468	Mm.214468
RARbeta2	Mm.157678	hsp60	Mm.1777	Lst1	Mm.19379	A184128	Mm.202370	Mm.214468	Mm.214468
A1893585	Mm.157783	Mm.177746	Mm.177746	Lst1	Mm.19379	Btc	Mm.2024	trcd-v6	Mm.214468
USF2	Mm.15781	Scp2	Mm.1779	Mm.193955	Mm.193955	Tyk-2	Mm.20249	Mm.21451	Mm.21451
USF2	Mm.15781	cryab	Mm.178	Mm.193955	Mm.193955	Smm	Mm.2025	Ng23-pending	Mm.214512
Lrd	Mm.158086	dio-1	Mm.178070	Mm.193955	Mm.193955	Smm	Mm.2025	Mm.214646	Mm.214646
BoB	Mm.15811	sp76	Mm.1781	Mm.193955	Mm.193955	IAP1	Mm.2026	calthapsin d (CTSD)	Mm.2147
BoB	Mm.15811	SLP-76	Mm.1781	Mm.193955	Mm.193955	Mm.20263	Mm.20263	Ogfr	Mm.21474
Ca88	Mm.15819	Bth	Mm.17819	Csf2rb2	Mm.1940	Mm.20263	Mm.20263	Mm.214762	Mm.214762
Ca88	Mm.15819	Tsll2	Mm.178322	Xlr	Mm.195874	Mm.20263	Mm.20263	NapK8	Mm.21495
Ly6c	Mm.1583	ESTs	Mm.178446	Xlr	Mm.195874	AW493766	Mm.202664	PLCb2	Mm.215156
Mm.158842	Mm.158842	ESTs	Mm.178458	STAT-3	Mm.196029	A1647968	Mm.202735	Tnfrsf19	Mm.21526
Map3k1	Mm.15918	ESTs	Mm.178458	Klra3	Mm.196054	Lats2	Mm.202747	Tnfrsf19	Mm.21526
MEK1	Mm.15918	Becn1	Mm.178947	Iy49j	Mm.196054	Mm.202763	Mm.202763	Tnfrsf19	Mm.21526
MS2	Mm.15969	MKP3	Mm.1791	Igh-4	Mm.196085	Ncoa1	Mm.2028	Mxi1	Mm.2154
Mm.159813	Mm.159813	Dusp6	Mm.1791	Ccl21b	Mm.196097	SRC-1	Mm.2028	BNIP3	Mm.2159
Itk	Mm.16009	Dusp6	Mm.1791	Angpt4	Mm.196189	ISGF3gamma	Mm.2032	BNIP3 or NIP3	Mm.2159
Itk	Mm.16009	Gt ROSA 26Sor	Mm.17946	Angpt4	Mm.196189	Mad3	Mm.20350	Mm mVL30-1 retroelement	Mm.216195
Itk	Mm.16009	Gt ROSA 26Sor	Mm.17946	H2-L	Mm.196214	Ifi2	Mm.2036	IFN-gR2	Mm.216207
Itk	Mm.16009	Iiga7	Mm.179747	VHR1	Mm.196295	Ear2	Mm.20370	P/CAF	Mm.21637
Itk	Mm.16009	Iiga7	Mm.179747	VHR1	Mm.196295	Ear2	Mm.20370	Sap	Mm.2165
nik-gld	Mm.160364	heme oxygenase	Mm.17989	Mm.196313	Mm.196313	A4449260	Mm.203819	Sap	Mm.2165
Ce7	Mm.16091	6230400106Rik	Mm.180060	Ysg2	Mm.196345	Mm.20403	Mm.20403	Cdh5	Mm.21767
Ce7	Mm.16091	Casna1h	Mm.180108	NKG2C	Mm.196410	Mm.20403	Mm.20403	Mm.218172	Mm.218172
cyclinE	Mm.16110	I-TRAF	Mm.1803	Rael1a	Mm.196428	Fgf18	Mm.20424	Ubi3	Mm.21846
cyclin e	Mm.16110	2610027L16Rik	Mm.180338	Rael1a	Mm.196428	Mras	Mm.2045	elongation factor A (SII) 1	Mm.218669
Tap1	Mm.16122	E2f1	Mm.18036	rae-1b	Mm.196428	Fkbp1b	Mm.20453	Mm.21868	Mm.21868
Igla	Mm.1618	E2f1	Mm.18036	Traf5	Mm.196445	I118rap	Mm.20466	Alpha-Raf	Mm.21868
Igla	Mm.1618	E2F1	Mm.18036	Traf5	Mm.196445	IL-18RAP	Mm.20466	Birc1f	Mm.218759
cd11a	Mm.1618	CBF1	Mm.180561	Traf5	Mm.196445	Uty	Mm.20477	Birc1f	Mm.218759
C2ta	Mm.1619	Mm.180561	Mm.180561	TRAF5	Mm.196445	Mm.205152	Mm.205152	Ifi202a	Mm.218770
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Sic25a4	Mm.16228	Mm.181933	Mm.181933	D9Wsu168e	Mm.196494	MMP-12	Mm.2055	Eraf	Mm.218857
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Nedd4a	Mm.16553	CD3 epision	Mm.1849	Mm.197394	Mm.197394	nibrin	Mm.20866	Gsk glucokinase	Mm.220358
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P4hb	Mm.16660	Ifi203	Mm.18530	Bach-pending	Mm.197523	Cyp8b1	Mm.20889	related to FIDIPIDINE	Mm.220822
Kpnb1	Mm.16710	Ifi203	Mm.18530	Hspa8	Mm.197551	MCBP-4	Mm.20890	Ccl21a	Mm.220853
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Ngfa	Mm.16730	Mm.18574	Mm.18574	Klra21	Mm.197614	Swap2-pending	Mm.20913	Igta8	Mm.220860
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CD16	Mm.22119	Prlcl	Mm.23823	Mm.26564	Mm.26564	Rb related protein p130	Mm.28027	Hey1	Mm.29581
fcgr3	Mm.22119	MGC38585	Mm.23910	Thra	Mm.26587	TEF1	Mm.28081	RANK	Mm.29608
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Fabp1	Mm.22126	Mm.23919	Mm.23919	Thra	Mm.26587	Cd164	Mm.28083	Mm.29628	Mm.29628
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TeBP	Mm.22421	TLF3	Mm.24255	klf1	Mm.26938	UBF	Mm.2845	Skz1-pending	Mm.29962
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Raf1	Mm.22467	ly49a	Mm.24399	Foxd1	Mm.27015	Lag	Mm.28479	Car3	Mm.300
Emr1	Mm.2254	Mm.24400	Mm.24400	HNF-3	Mm.27015	Fkbp3	Mm.28480	Copa	Mm.30041
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mHDAC1	Mm.22665	Gas2	Mm.25	Hofac	Mm.27369	Mm.28871	Mm.28871	tr a 2	Mm.30557
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Isq101	Mm.22688	Mm.25345	Mm.25345	Cox17	Mm.27396	Adam9	Mm.28908	Nmef1	Mm.3059
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RAP1	Mm.227048	Hk2	Mm.2549	Akr1c13	Mm.27447	Mm.29033	Mm.29033	Mm.30733	Mm.30733
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Ccl9	Mm.2271	Ang-1	Mm.2550	GSTT1	Mm.2746	Alp6v1e1	Mm.29045	Mm.30911	Mm.30911
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DHFR	Mm.23695	LOC233802	Mm.26392	Mela	Mm.27979	HESE	Mm.29549	Mm.31540	Mm.31540
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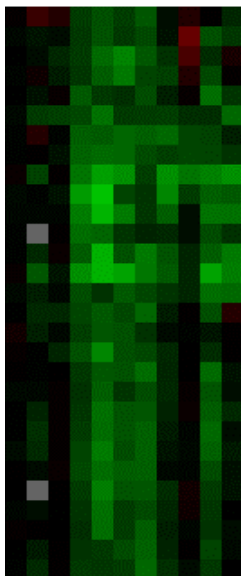
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Spag6	Mm.31701	E2A	Mm.3406	P38ip-pending	Mm.37356	Usp29	Mm.40752	MJK	Mm.4358
Strp1	Mm.3171	E2A	Mm.3406	p38-interacting protein	Mm.37356	Runx1	Mm.4081	Cd19	Mm.4360
DP 2	Mm.31713	Mm.34060	Mm.34060	Mm.37368	Mm.37368	Wnt7b	Mm.4092	Cd19	Mm.4360
Mm.31744	Mm.31744	Plvap	Mm.34112	Ranbp1	Mm.3752	Top2b	Mm.4093	CD19	Mm.4360
Ly64	Mm.3177	Mm.34131	Mm.34131	Sos2	Mm.3770	Mm.40966	Mm.40966	Gem	Mm.4362
Sit	Mm.31775	NF-kB1(p105)	Mm.3420	SOS 2	Mm.3770	Usp25	Mm.40986	Gem	Mm.4362
Ighmbp2	Mm.3179	Nr0b2	Mm.34209	SOS2	Mm.3770	Cd7	Mm.4100	Ilf6st	Mm.4364
Trnfrs18	Mm.3180	Nr0b2	Mm.34209	Mm.37846	Mm.37846	Cd7	Mm.4100	Mm.4366	Mm.4366
Trnfrs18	Mm.3180	Fin15	Mm.3421	E2F5	Mm.379	Mm.41038	Mm.41038	Ebf1	Mm.4366
ICSBP	Mm.3182	Fin15	Mm.3421	Mm.37903	Mm.37903	AW045245	Mm.41064	Cdc5	Mm.4368
Prb	Mm.3189	Mm.34220	Mm.34220	Mm.37999	Mm.37999	Mm.41101	Mm.41101	TBP	Mm.43711
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pir-a1	Mm.3189	Calm1	Mm.34246	Bri3	Mm.38011	Mm.41138	Mm.41138	ROrg	Mm.4372
pir-b	Mm.3189	Ang-2	Mm.3425	Birc1e	Mm.38013	Adam12	Mm.41158	TOR	Mm.4372
ESTs	Mm.31924	Mm.34324	Mm.34324	Srabf2	Mm.38016	Trnfs9	Mm.41171	Bin1	Mm.4383
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ESTs	Mm.32029	Bid	Mm.34384	Mm.38145	Mm.38145	Mm.41238	Mm.41238	PTB numb	Mm.4390
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Lrp7	Mm.3207	Madh7	Mm.34407	Dr1	Mm.38184	AI875089	Mm.41364	IL-15	Mm.4392
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Gabbp1	Mm.32191	Gp49b	Mm.34408	Sfr4	Mm.38192	Klf15	Mm.41389	c-kit	Mm.4394
Wnt5a	Mm.32207	gp49b	Mm.34408	Sfr4	Mm.38192	Klf15	Mm.41389	NMP9	Mm.4406
RP-8	Mm.323	Cdk1a	Mm.34446	Irak1	Mm.38241	Mm.41391	Mm.41391	CX3cr1	Mm.44065
IRF-7	Mm.3233	p21Waf1	Mm.34446	Irak1	Mm.38241	ICAD-L	Mm.41433	Ncp2	Mm.4409
ESTs	Mm.32347	Ilsra	Mm.3448	IRAK	Mm.38241	DIFF-45=icad	Mm.41433	Egr4	Mm.44137
Aicda	Mm.32398	Mm.34506	Mm.34506	IL7	Mm.3825	Mm.41440	Mm.41440	Egr4	Mm.44137
ESTs	Mm.32448	NFAT5	Mm.34530	IL-7	Mm.3825	Pdgrb	Mm.4146	Cdc212	Mm.4414
ESTs	Mm.32448	C/EBPalpha	Mm.34537	Zfp288	Mm.38250	Ovca2-pending	Mm.41496	PITSLRE	Mm.4414
Frzb	Mm.3246	Mm.34545	Mm.34545	Mm.38315	Mm.38315	Mc2r	Mm.41498	Zfp101	Mm.4417
Fgf14	Mm.32472	E2F4	Mm.34554	ERK6	Mm.38343	IL10rb	Mm.4154	VDR	Mm.44170
Bsf3-pending	Mm.32518	TBK1	Mm.34580	Fli02	Mm.3840	IL10rb	Mm.4154	Mm.44226	Mm.44226
Mm.3254	Mm.3254	Trim26	Mm.34587	Hmg20b	Mm.38474	Mm.41554	Mm.41554	HNF-3	Mm.44235
Mm.32581	Mm.32581	Trim26	Mm.34587	Arni2	Mm.38594	Mm.41568	Mm.41568	Rdgb2	Mm.44261
Ube2l	Mm.3268	CD14	Mm.3460	YY1	Mm.3868	Mm.41639	Mm.41639	Igav	Mm.4427
G0s2	Mm.3283	Flt1	Mm.3464	seB5-1 HIF1a	Mm.3879	Dtnbp1	Mm.41663	Mm.44289	Mm.44289
Trim30	Mm.3288	AW491926	Mm.34672	HIF1alpha	Mm.3879	Mm.41690	Mm.41690	Ube2a1	Mm.4429
Trim30	Mm.3288	SSI-3	Mm.3468	MMP-1	Mm.38792	Zfp148	Mm.417	Mapk14	Mm.4437
Trim30	Mm.3288	RXR-alpha	Mm.3470	HAIF	Mm.38795	Mm.41724	Mm.41724	p38beta	Mm.4437
AI467391	Mm.32894	RXR-gamma	Mm.3475	ADA unligene 388	Mm.388	Efemp2	Mm.41781	HMG-I(Y)	Mm.4438
Ncube1-pending	Mm.32920	RXRq	Mm.3475	Bcl-xL	Mm.3882	Mm.41792	Mm.41792	Irb1	Mm.444
Mm.32929	Mm.32929	Elavl3	Mm.3477	Mm.3888	Mm.3888	Jak3	Mm.4181	Mm.44501	Mm.44501
AI480941	Mm.32997	Slk5	Mm.3488	ATF-4	Mm.38888	Jak3	Mm.4181	Hes1	Mm.4451
Ly78	Mm.3300	ESTs	Mm.34914	Rab17	Mm.38889	JAK3	Mm.4181	Hes1	Mm.4451
Ly78	Mm.3300	ESTs	Mm.34914	IL-7Ra	Mm.389	Zfp1	Mm.4184	Hry	Mm.4451
0610012D17Rik	Mm.33084	Sic4a8	Mm.34957	IL7r	Mm.389	cyclinA	Mm.4189	HES1	Mm.4451
UBC	Mm.331	Kifc5a	Mm.3501	IL7r	Mm.389	Rpl18	Mm.41923	ERP	Mm.4454
Eva	Mm.33240	Nurr1	Mm.3507	IL-7R	Mm.389	PIK3CA	Mm.41943	IL-5	Mm.4461
H2-D1	Mm.33263	Gd8	Mm.3514	AI789751	Mm.38909	TASP	Mm.41957	AI447904	Mm.447
H2-D1	Mm.33263	Cong2	Mm.3527	Mme	Mm.38931	Ly9a	Mm.41980	Mm.44706	Mm.44706
H2-D6	Mm.33263	Cyto c	Mm.35389	CTLA-4	Mm.390	Foxo1	Mm.42011	Blk	Mm.4475
H2-D	Mm.33263	ESTs	Mm.35405	Ltb2	Mm.390	ORC-1	Mm.42024	Blk	Mm.4475
H2-D	Mm.33263	Pthr	Mm.3542	AW105885	Mm.39006	CDW108	Mm.42028	PACT	Mm.4480
P-selectin	Mm.3337	Mm.35437	Mm.35437	Fgf15	Mm.3904	icos	Mm.42044	IL17r	Mm.4481
LOC224598	Mm.3347	Cdh1	Mm.35605	MKK7	Mm.3906	ICOS	Mm.42044	Cidea	Mm.449
Hsd3b3	Mm.335	Mm.35650	Mm.35650	Smarca3	Mm.3909	0610037P05Rik	Mm.42072	CIDE-A	Mm.449
Hsd3b3	Mm.335	Mm.35650	Mm.35650	Smarca3	Mm.3909	Sfrp4	Mm.42095	Foxn1	Mm.4496
Hsd3b3	Mm.335	Eps15-rs	Mm.35677	Kuz	Mm.3911	Mm.42121	Mm.42121	Foxn1	Mm.4496
7630402i04Rik	Mm.33529	Casp7	Mm.35687	Adam10	Mm.3911	Zfp118	Mm.42140	SRF	Mm.45044
7630402i04Rik	Mm.33529	Casp7	Mm.35687	Bcl2	Mm.39188	Zfp118	Mm.42140	Fzd1	Mm.45050
	2-Sep	Mm.336	caspase-7	Bcl2	Mm.39188	Ma2a8	Mm.42143	fzd1	Mm.45050
	2-Sep	Mm.336	caspase 7	Bcl-2	Mm.39188	TLR6	Mm.42146	Mm.45125	Mm.45125
	2-Sep	Mm.336	IL1r1	Casp2	Mm.3921	Foxm1	Mm.42148	Cd3g	Mm.4513
	2-Sep	Mm.336	IL1r1	Casp2	Mm.3921	Rasgrp1	Mm.42150	Cd3g	Mm.4513
	2-Sep	Mm.336	IL1r1	Casp2	Mm.3921	Casp12	Mm.42163	Msr2	Mm.45173
14-3-3	Mm.3360	IL1r1	Mm.35692	caspase 2	Mm.3921	Znrf4	Mm.42165	TRAF4	Mm.4521
LERK5	Mm.3374	IL1r1	Mm.35692	Myn (mouse Max)	Mm.3931	Anxa10	Mm.42179	Cd3d	Mm.4527
identical to EST BG072792	Mm.33761	Wig1	Mm.35705	Ligh	Mm.3940	Nec1	Mm.42249	CD3 delta	Mm.4527
mDR5	Mm.33787	Rab11b	Mm.35727	Mm.3948	Mm.3948	Cor	Mm.42258	VI2	Mm.4551
MAPKAP-K3	Mm.33793	Tsfp	Mm.35771	Zfpm2	Mm.39496	OCR9	Mm.42258	ezrin	Mm.4551
Hdac7a	Mm.33797	Tsfp	Mm.35771	FOG-2	Mm.39496	Foxa3	Mm.42260	Iqfbp	Mm.4579
Hdac7a	Mm.33797	IL11	Mm.35814	Thy1	Mm.3951	Mm.423	Mm.423	Iqfbp	Mm.4579
Grb14	Mm.33806	IL-11	Mm.35814	IRF-3	Mm.3960	Fkbp2	Mm.4234	Yes	Mm.458
Etos1	Mm.33821	IL-11	Mm.35814	Eif3	Mm.3963	Bcap29	Mm.4236	Mm.45644	Mm.45644
Etos1	Mm.33821	Cts5	Mm.3619	Stam	Mm.3965	Bcap29	Mm.4236	Mm.45644	Mm.45644
Etos1	Mm.33821	Mm.36291	Mm.36291	TAK1	Mm.3968	Tshr	Mm.4254	Nr6a1	Mm.4577
Mm.33838	Mm.33838	Mm.36301	Mm.36301	Elav4	Mm.3970	Rpl13	Mm.42578	Bcar3	Mm.45815
ATM like	Mm.33838	Mm.36301	Mm.36301	Adams5	Mm.39718	GSTP1	Mm.426	Bcar3	Mm.45815
TLR3	Mm.33874	MADD	Mm.36410	Mm.39739	Mm.39739	Itm2b	Mm.4266	Bcar3	Mm.45815
Gpi-pending	Mm.33902	Ubiquitin specific protease	Mm.36509	Usp4	Mm.3974	Sna2	Mm.4272	B-myb	Mm.4594
PAK3	Mm.3392	MAP3K6	Mm.36640	Gtr	Mm.3986	Rps18	Mm.42790	Bcan	Mm.4598
PAK3	Mm.3392	Vtn	Mm.3667	Gng4	Mm.39861	Bop1	Mm.4283	Mm.45994	Mm.45994
Tlr1	Mm.33922	Vtn	Mm.3667	Ier2	Mm.399	Tieq	Mm.4292	Supt5h	Mm.460
Tlr1	Mm.33922	Vtn	Mm.3667	WAP	Mm.3992	Tieq	Mm.4292	Supt5h	Mm.460
Tlr1	Mm.33922	AI844876	Mm.36670	Nlrk2	Mm.3993	TGFB	Mm.4292	Mm.46042	Mm.46042
Tlr1	Mm.33922	Mm.36685	Mm.36685	Nlrk2	Mm.3993	TGFB	Mm.4292	Tbx2	Mm.4605
Tlr1	Mm.33922	Adamdec1	Mm.36742	Nlrk2	Mm.3993	Ezh2	Mm.4303	Fglbp1	Mm.46053
Tlr1	Mm.33922	Adamdec1	Mm.36742	Nlrk2	Mm.3993	Mapk8ip3	Mm.43081	Mm.46063	Mm.46063
Tlr1	Mm.33922	Slap	Mm.36769	Nlrk2	Mm.3993	Arnt	Mm.4316	Ctsm	Mm.46080
TLR1	Mm.33922	Timp4	Mm.36851	Nlrk2	Mm.3993	Mm.43162	Mm.43162	Ceacam12	Mm.46089
Madh5	Mm.33951	TIMP-4	Mm.36851	Nlrk2	Mm.3993	Mm.43268	Mm.43268	SP1	Mm.4618
Nr2c1	Mm.3398	Cd37	Mm.3689	chuk	Mm.3996	Sfrs5	Mm.43331	AW229038	Mm.46229
TR2	Mm.3398	HEB	Mm.36894	IKK-alpha	Mm.3996	Sfrs5	Mm.43331	Iqg1bp2	Mm.46232
Dapp1	Mm.33987	Ila	Mm.371	Mpeg1	Mm.3999	Ei24	Mm.4337	Anxa13	Mm.46285
TRAF2	Mm.3399	Ila	Mm.371	Ms4a1	Mm.4046	Presenilin-2	Mm.4338	Gng2	Mm.46299
Hmgb3	Mm.340	IL-4	Mm.371	Ms4a1	Mm.4046	Zfp100	Mm.4340	Tyrobp	Mm.46301

Name	ID	Name	ID	Name	ID	Name	ID	Name	ID
Tyrbp	Mm.46301	Mm.52047	Mm.52047	Ifnar2	Mm.6834	ERK1	Mm.8385	Il2ra	Mm.915
dap12	Mm.46301	Rads	Mm.5236	Ifnar2	Mm.6834	ERK-7	Mm.8385	Il2ra	Mm.915
Serp1b1a	Mm.46316	Furin	Mm.5241	Ifnar2	Mm.6834	Mm.84573	Mm.84573	Il2ra	Mm.915
Serp1b1a	Mm.46316	Foer1a	Mm.5266	Ifnar2	Mm.6834	Mm.84573	Mm.84573	TGF-b1	Mm.9154
Gpa33	Mm.46357	SOD1	Mm.5274	Arf1	Mm.6836	Nr12	Mm.8509	TGF-beta 1	Mm.9154
Pcsa	Mm.46395	Gapd	Mm.5289	SPRR2A	Mm.6853	Mm.85125	Mm.85125	grp78	Mm.918
Lrrn1	Mm.4640	Gapd	Mm.5289	Fzd4	Mm.68712	EGFR	Mm.8534	Mapk11	Mm.91969
beta-NGF	Mm.46497	Rack1	Mm.5305	BAG-1	Mm.688	EFNA3	Mm.8547	p63	Mm.9210
Cxd12	Mm.465	Phf7	Mm.5348	PLC-beta3	Mm.6888	Survivin	Mm.8552	Rab4a	Mm.9221
Cxd12	Mm.465	nek2	Mm.5379	Activin A receptor 1	Mm.689	Cish4	Mm.85582	DP-1	Mm.925
Mm.46503	Mm.46503	NEK2	Mm.5379	Mapk9	Mm.68933	Cish4	Mm.85582	Il2rb	Mm.931
SEK-3	Mm.4652	Ilfnr	Mm.549	JNK 2	Mm.68933	CIS4	Mm.85582	Il2r beta	Mm.931
Cxd5	Mm.4660	Ilfnr	Mm.549	Mapk9	Mm.68933	IFN-gamma-induced GTPase	Mm.859	Cish4	Mm.9336
RIP3	Mm.46612	Ly9	Mm.560	JNK2	Mm.68933	c-cbl	Mm.8585	Serpinf2	Mm.934
Mm.46662	Mm.46662	Splc2	Mm.565	Birc1a	Mm.6898	Mm.85952	Mm.85952	Foxa2	Mm.938
Adam2	Mm.4669	Iqgap1	Mm.56685	NAIP	Mm.6898	CAD	Mm.86386	Colga3	Mm.9392
Gpr83	Mm.4672	NKG2A	Mm.56899	Grb2	Mm.6900	Mm.86391	Mm.86391	Tbx21	Mm.94519
Irf4	Mm.4677	H2-Q1	Mm.56926	HEK2	Mm.6972	Foxf1a	Mm.86423	Dermo1	Mm.9474
MST2	Mm.4678	H2-Q1	Mm.56926	Mm.69732	Mm.69732	Mm.86472	Mm.86472	Clk4	Mm.9488
Gdnf	Mm.4679	Qa-1	Mm.56926	Dhh	Mm.70066	Mm.86476	Mm.86476	Ifi3	Mm.951
Pawr	Mm.46856	Qa1	Mm.56926	desert hedgehog	Mm.70066	Mm.86514	Mm.86514	Vpreb3	Mm.955
Pawr	Mm.46856	Nt5e	Mm.56948	Mm.70304	Mm.70304	Mm.86574	Mm.86574	Ilgae	Mm.96
Ccl11	Mm.4686	Evi1	Mm.56965	il	Mm.7043	Shc	Mm.86595	ROR-1	Mm.968
Ccl11	Mm.4686	Tnfrap3	Mm.56971	PLC-alpha	Mm.709	Mm.86603	Mm.86603	ESTs	Mm.97269
Stat5a	Mm.4697	TNFRIP3	Mm.56971	DNA-PK	Mm.71	Mm.86627	Mm.86627	ESTs	Mm.97269
Stat5a	Mm.4697	ERCC2	Mm.56990	pCNA	Mm.7141	Mm.86699	Mm.86699	Ly57	Mm.9749
STAT1-5a	Mm.4697	H2-M8	Mm.57024	Hck	Mm.715	Mm.86699	Mm.86699	Cd38	Mm.97734
Foxp1	Mm.4704	Ar2a	Mm.57010	Lrp1	Mm.7221	Mm.86699	Mm.86699	Cd38	Mm.97734
Wass	Mm.4735	Fu4	Mm.57034	Eb3	Mm.7254	Ccl12	Mm.867	Il12b	Mm.997
p38-2G4	Mm.4742	Ilg3	Mm.57035	Tbx6	Mm.727	Ccl12	Mm.867	Presenilin-1	Mm.998
Ksr	Mm.4745	IkBepsilon	Mm.57043	Nxf1	Mm.7271	Ccl12	Mm.867	polycomb	Mm.99953
Ksr	Mm.4745	Gpr66	Mm.57065	Ccl25	Mm.7275	Mm.86718	Mm.86718	Mm.M11800	Mm.11800
Foxd3	Mm.4758	Mm.57075	Mm.57075	Ccl25	Mm.7275	Mm.86731	Mm.86731	TCRq-v3	M13337
Cdc2a	Mm.4761	Fgf2	Mm.57094	Ccl25	Mm.7275	Mm.86747	Mm.86747	TCRq-V4	M13338
cdc2	Mm.4761	FGF2	Mm.57094	Il12rb1	Mm.731	Met	Mm.86844	TCRq-V4	M13338
Fzd6	Mm.4769	Erb3	Mm.57112	Sult2b1	Mm.7316	Bm88-pending	Mm.87027	TCR-V5	M23096
Fzd7	Mm.4770	Fgf7	Mm.57177	Frda	Mm.7319	Rlnq	Mm.871	TCRb-C	M28760
ly49b	Mm.4783	Ly6f	Mm.57179	Madh3	Mm.7320	Rlnq	Mm.871	uvSpib	
Zfp354a	Mm.4792	vav	Mm.57191	Mm.73777	Mm.73777	Rlnq	Mm.871	Ara.1ha.BAC T30E16	
Prdm1	Mm.4800	Dec	Mm.57226	Hax1-pending	Mm.7401	Rlnq	Mm.871	Ms.mitochondrion com. gen	NA
Fgf1	Mm.4809	Neurod3	Mm.57230	Gcl	Mm.74584	Rlnq	Mm.871	vector	NA
Cdk5	Mm.4818	BSAP	Mm.57242	Faim	Mm.74605	Radical Fringe	Mm.871	vector	NA
c-Jun	Mm.482	Myos	Mm.57246	Mm.74620	Mm.74620	MEF2A	Mm.87279	vector	NA
jun	Mm.482	Myos	Mm.57246	Mm.74745	Mm.74745	Mm.87450	Mm.87450	vector	NA
Hoxb7	Mm.4822	Igf1p5	Mm.578	CD69	Mm.74745	Mm.87456	Mm.87456	vector	NA
Mm.48232	Mm.48232	Anxa2	Mm.584	Mm.74765	Mm.74765	Ches1	Mm.87594	vector	NA
MMP-7	Mm.4825	Gpi1	Mm.589	Mm.74765	Mm.74765	Tlr2	Mm.87596	pBluescript SK-	NA
hsf1	Mm.4841	Mm.60230	Mm.60230	Nmi	Mm.7491	Fnbp3	Mm.87658	vector	NA
AP-2	Mm.4845	GATA-3	Mm.606	Nmi	Mm.7491	Cxcl10	Mm.877	vector	NA
Fyn	Mm.4848	CTP	Mm.6161	Fti1	Mm.7500	Ms4a6c	Mm.87745	vector	NA
Fyn	Mm.4848	nkrp1-c	Mm.6180	Spag1	Mm.75161	Adamts4	Mm.87750	NA	NA
CaMKII	Mm.4857	Kirb1c	Mm.6180	Folh1	Mm.7522	H2-T10	Mm.87776	Im	NA
Lamp2	Mm.486	Fra-1	Mm.6215	Chop-10	Mm.7549	H2-T10	Mm.87776	MuO Igh germline	NA
NF-IL6	Mm.4863	Bir1	Mm.6246	ARHA/RhoA	Mm.757	Lta	Mm.87787	Ko Iqg germline	NA
CEBPbeta	Mm.4863	Fz9	Mm.6256	Lcb1	Mm.7634	Ly6d	Mm.878	Ko2 Iqg germline	NA
c-mpl	Mm.4864	Tscot	Mm.62577	Cxcl9	Mm.766	Cxcl9	Mm.878	GFP	NA
Etv1	Mm.4866	Cor2	Mm.6272	Cxcl9	Mm.766	Rael1c	Mm.87808	MKP3	NA
c-rel	Mm.4869	Cor2	Mm.6272	Mm.76694	Mm.76694	Bcl2a1d	Mm.87857	AA	NA
Delta1	Mm.4875	E2f3	Mm.6333	SK2	Mm.7693	Cdc21	Mm.87864	AW	NA
Fes	Mm.48757	AIG48807	Mm.63425	ESTs	Mm.77784	Ncor1	Mm.88061	EST	NA
Selel	Mm.488	Mm.63520	Mm.63520	CD5	Mm.779	Wnt8b	Mm.88365	EST	NA
RAD50	Mm.4888	Mm.63556	Mm.63556	Ppp1cc	Mm.7793	Sxbp4	Mm.88498	EST	NA
Zfp90	Mm.4906	ESTs	Mm.63557	PP1C gamma	Mm.7793	neu1	Mm.8856	EST	NA
Nr3c1	Mm.4918	ESTs	Mm.63557	Igl-V1	Mm.780	Rora	Mm.8858	EST	NA
Nr3c1	Mm.4918	Miz1	Mm.6370	Wwp1-pending	Mm.78312	Tbx14	Mm.88761	EST	NA
Nr3c1	Mm.4918	CD24a	Mm.6417	TSA-1	Mm.788	Hsd17b2	Mm.8877	EST	NA
Csf2	Mm.4922	Tnfrsf11	Mm.6426	Amd1	Mm.7880	Fts	Mm.88777	EST	NA
Csf2	Mm.4922	Tnfrsf11	Mm.6426	Cdc37l	Mm.78875	H2-Q10	Mm.88795	EST	NA
Numb-like	Mm.49224	TNFSF11(RANKL)	Mm.6426	Foxb2	Mm.7971	Milf7	Mm.88827	EST	NA
Ly1	Mm.4925	Hrb	Mm.6461	Fgf12	Mm.7996	caspase-9	Mm.88829	EST	NA
ctcf	Mm.493	Hrb	Mm.6461	USF1	Mm.8	Stat7	Mm.89831	EST	NA
Mapk10	Mm.4936	Mm.6478	Mm.6478	alpha fetoprotein	Mm.80	IkBalpha	Mm.8884	EST	NA
IL-3	Mm.4944	Irf5	Mm.6479	Mm. Ets Sp1-B	Mm.8012	BCKD-kinase	Mm.8903	EST	NA
Zik1	Mm.49441	IRF-5	Mm.6479	fyb/slap 130	Mm.803	Mm.89148	Mm.89148	human gene	NA
Notch3 IC	Mm.4945	Pmp	Mm.648	Zap70	Mm.8038	p15Ink4b	Mm.8924	Integrin beta 5, ITGB5	NA
Notch3	Mm.4945	Mm.6488	Mm.6488	zap70	Mm.8038	Adamts2	Mm.89563	EST	NA
Notch3	Mm.4945	Mm.6488	Mm.6488	Areg	Mm.8039	Il1r1	Mm.896	stress activated kinase	NM_017322
Zfp2	Mm.4958	H2-Bf	Mm.653	Mm.80622	Mm.80622	Il1r1	Mm.896	seC2-1 PLCg1	Rn.11243
Ilgam	Mm.4967	Mm.6560	Mm.6560	Magoh	Mm.808	Il-1R1 (alpha)	Mm.896	HES1 rat	Rn.19727
EFP	Mm.4973	Zfp52	Mm.65655	JAK-2	Mm.809	OBF-1	Mm.897	Jagged2 rat	Rn.22459
lbsp	Mm.4987	Map3k5	Mm.6595	ik	Mm.8131	Tnfrsf12	Mm.8983	Delta3 rat	Rn.23105
RAG2	Mm.4988	MEKK5	Mm.6595	ik	Mm.8131	Ube2c	Mm.89830	T29487	T29487
MMP-3	Mm.4993	NFAT5	Mm.66	Impact	Mm.8154	Mm.89906	Mm.89906	W08022	W08022
VpreB	Mm.5008	Akt1	Mm.6645	Ly6A_2	Mm.8180	Mm.89906	Mm.89906	W45934	W45934
VpreB1	Mm.5008	Co27	Mm.6660	CD34	Mm.8186	cyclin D2	Mm.89918	E2F2	W83088
VpreB1	Mm.5008	Co27	Mm.6660	Kir2d	Mm.8186	LOC232079	Mm.89923	TCRa-v11.1	X02778
VpreB1	Mm.5008	B-ATF	Mm.6672	NKG2D	Mm.8217	Mrcp3	Mm.89924	Tcrb-V8.1	X02783
Ifnar	Mm.502	Apo6	Mm.6676	DGH12S2489E	Mm.8217	Adam19	Mm.89940	Tcrb-V6	X02934
MMP-13	Mm.5022	Pton9	Mm.6678	TIMP-1	Mm.8245	Birc1b	Mm.89961	Tord-V1	x13314
Dv13	Mm.5049	Catnd2	Mm.6680	IFNbeta/imp-1	Mm.8245	Perforin	Mm.89962	XM_004892	XM_004892
Mpa2	Mm.5057	Zfp60	Mm.66913	TIMP-1	Mm.8245	TTF-1	Mm.89972	EBF	XM_109786
Hsd17b2	Mm.5079	H2-Ab1	Mm.6716	STAT-1	Mm.8249	Zim1	Mm.89976		
FGF1	Mm.5087	H2-Ab1	Mm.6716	Khdrbs1	Mm.8256	Frat3	Mm.90135		
Mm.5099	Mm.5099	Ilft1	Mm.6718	Khdrbs1	Mm.8256	Gas11	Mm.9015		
Adam3	Mm.5168	Atf1	Mm.676	RAG1	Mm.828	Mrc2	Mm.9020		
manic fringe	Mm.517	ATF1	Mm.676	Nedd9	Mm.8315	Mm.90438	Mm.90438		
Mfng	Mm.517	Malb	Mm.67919	Nedd9	Mm.8315	Mm.90456	Mm.90456		
Traf6	Mm.5172	Malb	Mm.67919	Mbi1	Mm.8367	enolase 1, alpha non-neuro	Mm.90587		
TRAF6	Mm.5172	Tcerg1	Mm.67998	Mapk3	Mm.8385	6-Sep	Mm.90710		
MKP1	Mm.52043	AatK	Mm.6826	Mapk3	Mm.8385	Tripv4	Mm.91441		

B6 v B6
Notch1C Activity
MHC v B6

TCR Stim (hr) Positive Selection

16 8 4 2 F5 P14 AND 5CC7



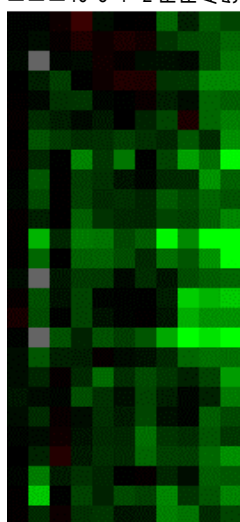
Cluster 3a

Mm.30552
Mdm2 (tf) Mm.22670
Snai2 (tf) Mm.4272
Mm.31744
Ma2a8 Mm.42143
Mm.134436
Syntaxin bp4 Mm.88498
ROR γ (tf) Mm.4372
Mad1a (cc) Mm.27250
KLF3 (tf) Mm.28787
Tsil2 Mm.178322
BC006279
Rik 1190002A23 Mm.22453
CD4 Mm.2209
BG064785
EphR B3 (st) Mm.6972
Ly64 Mm.3177
Biglycan Mm.2608
Mm.38315
Rev1 Mm.218172
IL-11 (st) Mm.35814
Cln4-2 Mm.193088
AA413888
BB658832
Mm.43268
GABA-BR1 (st) Mm.32191
CB2-R (st) Mm.1378
Mm.86731
Zfp125 Mm.20857

B6 v B6
Notch1C Activity
MHC v B6

TCR Stim (hr) Positive Selection

16 8 4 2 F5 P14 AND 5CC7



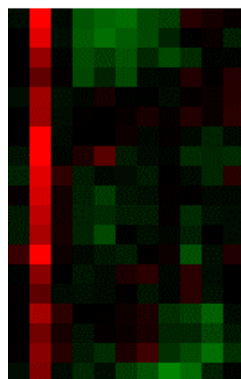
Cluster 3b

Mm.86718
Bcl6 Mm.15811
Osbp1a Mm.18502
Stip1 Mm.28708
PDK1 (st) Mm.10504
c-cbl (st) Mm.8585
Adam12 Mm.41158
Ly6d Mm.878
MEF2A (tf) Mm.87279
CD164 Mm.28083
CD8B AI573543
Rsdr1 Mm.14063
Mm.100904
DNA ligase IV AW913518
Anxa2 Mm.584
Mm.37999
Rag2 Mm.4988
TdT Mm.25620
RP L13 Mm.42578
Mm.31352
V2r7 (st) Mm.20074
Mpa2 Mm.5057
Mm.34672
Nr3c1 (tf) Mm.4918
Tia1 Mm.2291
Mm.111346

B6 v B6
Notch1C Activity
MHC v B6

TCR Stim (hr) Positive Selection

16 8 4 2 F5 P14 AND 5CC7



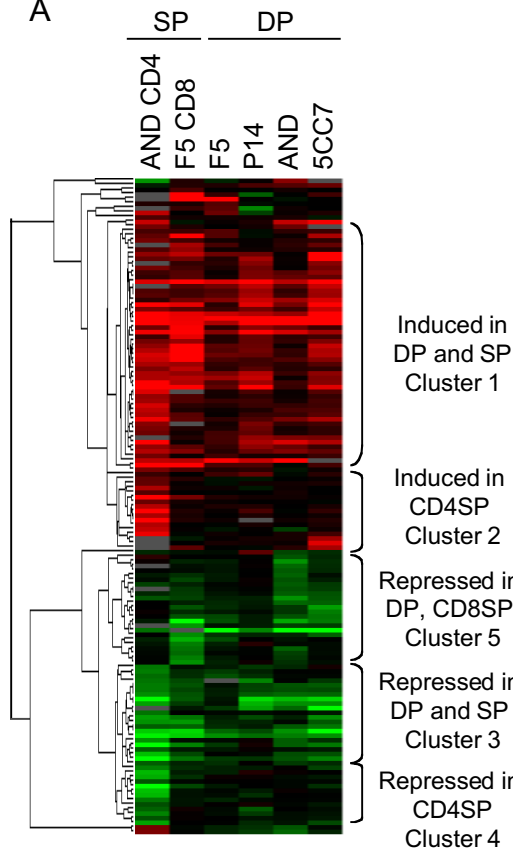
Cluster 4

Notch1 (st) Mm.31255
BB552649
Notch3 (st) Mm.4945
Hhip (st) Mm.254493*
Hes1 (tf) Mm.4451
Mm.135397
Mm.24400*
TGFB α (st) Mm.100050
CD7 Mm.4100
IL2R α (st) Mm.915
Perforin Mm.89962
Adam19 Mm.89940
Hey1 (tf) Mm.103615
IRF4 (tf) Mm.4677
Scp2 Mm.1779
Rik 1200015M12 Mm.221278
Cog1 Mm.182445
Mm.216195
SOCS3 (st) Mm.3468

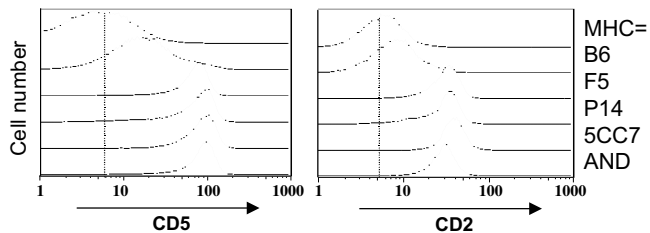


	All regulated genes	Cluster 1 Positive selection induced	Cluster 2 TCR induced	Clusters 1 and 2 (combined)	Cluster 3 TCR repressed	Cluster 3c TCR repressed 16 hrs	Cluster 4 Notch induced
Gene category	# genes with indicated function / # of genes within indicated cluster						
Transcription factors	33/177 (19%)	6/44 (13.6%)	<u>14/31 (45%)</u> p=.0023	20/75 (27%)	8/69 (12%)	2/14 (14%)	3/19 (16%)
Signal transduction	48/177 (27%)	<u>19/44 (43%)</u> p=0.045	9/31 (29%)	28/75 (37%)	<u>7/69 (10.1%)</u> p=0.0036	0/14	6/19 (31%)
Cell cycle	10/177 (5.6%)	1/44 (2.3%)	0/31	1/75 (1.3%)	7/69 (10.1%)	<u>6/14 (42%)</u> p=.0003	0/19

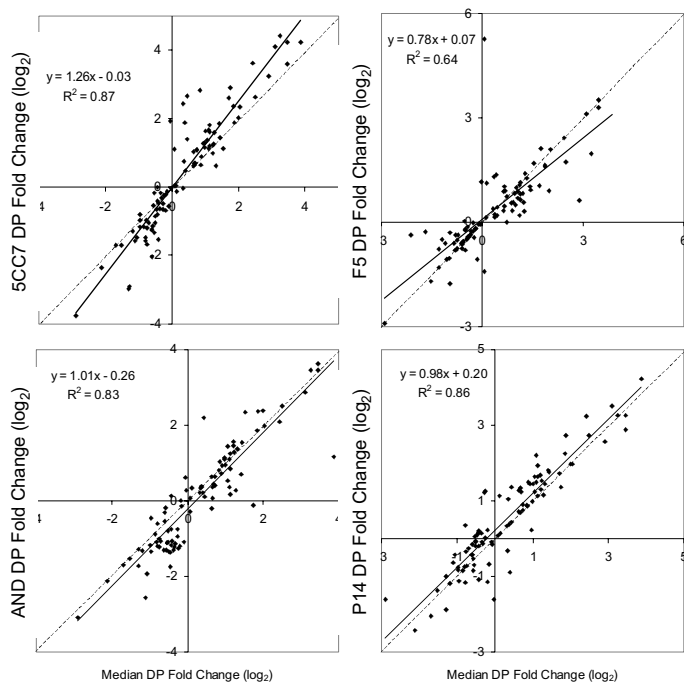
A



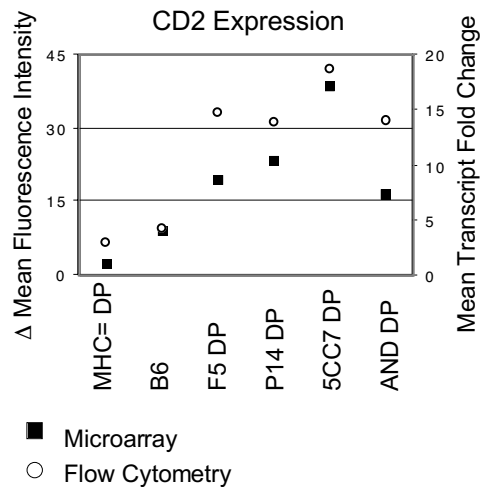
C



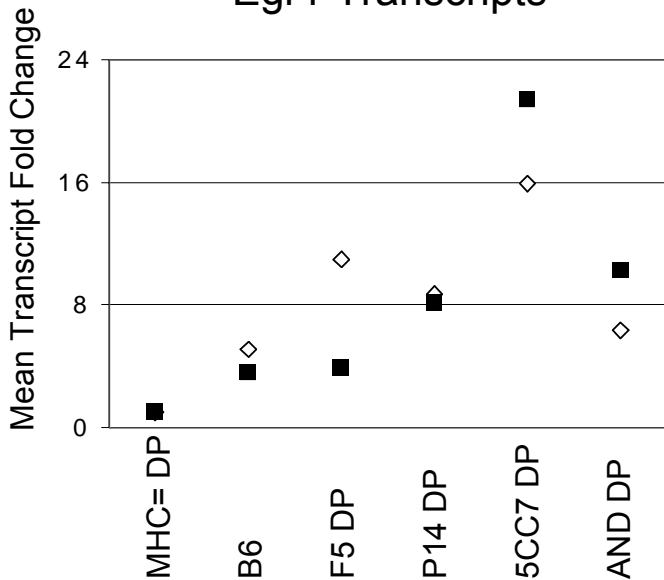
B



D



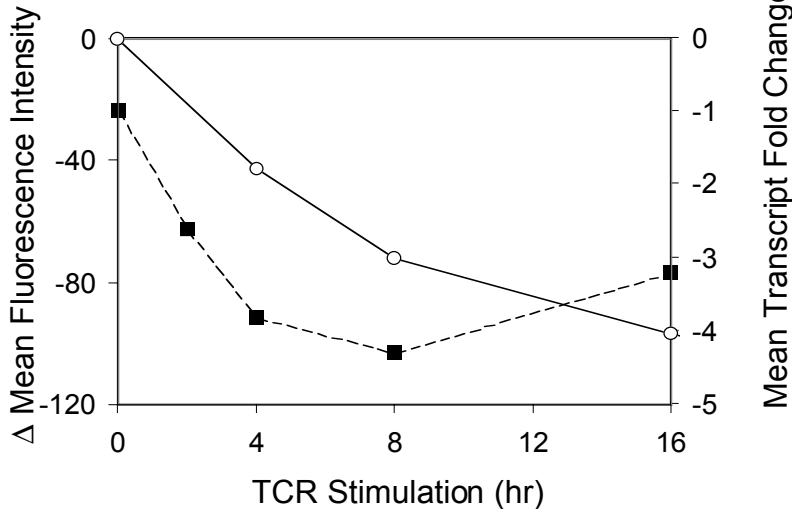
Egr1 Transcripts



■ Microarray

◇ Real time PCR

CD4 Expression



■ Microarray

○ Flow Cytometry