

Table S1A

Symbol	GeneID	Treg fold change (log ₂)	B statistic	Description
Egr1	13653	-1.92	14.83	early growth response 1
Cd83	12522	-1.81	11.96	CD83 antigen
Egr3	13655	-1.78	26.1	early growth response 3
Myb	17863	-1.6	10.67	myeloblastosis oncogene
2610204G07Rik	72468	-1.54	17.97	RIKEN cDNA 2610204G07 gene
Tnfrsf4	22163	-1.47	10.28	tumor necrosis factor receptor superfamily, member 4
Gpm6b	14758	-1.47	8.11	glycoprotein m6b
Egr2	13654	-1.45	16.18	early growth response 2
Bmyc	107771	-1.45	17.98	brain expressed myelocytomatosis oncogene
Rad511	19363	-1.44	14.73	RAD51-like 1 (S. cerevisiae)
2610042L04Rik	67055	-1.44	3.54	RIKEN cDNA 2610042L04 gene
Nrn1	68404	-1.4	13.93	neuritin 1
Nr4a1	15370	-1.39	9.54	nuclear receptor subfamily 4, group A, member 1
C80638	97086	-1.36	10.2	expressed sequence C80638
1300007C21Rik	67527	-1.32	-1.59	RIKEN cDNA 1300007C21 gene
Dusp4	319520	-1.3	12.15	dual specificity phosphatase 4
Cybb	13058	-1.28	15.71	cytochrome b-245, beta polypeptide
Gsto1	14873	-1.22	10.95	glutathione S-transferase omega 1
Tnfrsf9	21942	-1.21	17.08	tumor necrosis factor receptor superfamily, member 9
Pdcd1	18566	-1.2	12.62	programmed cell death 1
A430093F15Rik	403202	-1.2	17.01	RIKEN cDNA A430093F15 gene
Tnfrsf11	21943	-1.19	10.29	tumor necrosis factor (ligand) superfamily, member 11
1700001E04Rik	75438	-1.18	11.91	RIKEN cDNA 1700001E04 gene
Ctse	13034	-1.15	-2.98	cathepsin E
H2afz	51788	-1.14	15.24	H2A histone family, member Z
Ces2	234671	-1.13	7.97	carboxylesterase 2
Zfp361	12192	-1.12	18.99	zinc finger protein 36, C3H type-like 1
Tiam1	21844	-1.1	14.97	T-cell lymphoma invasion and metastasis 1
Samsn1	67742	-1.1	9.9	SAM domain, SH3 domain and nuclear localisation signals, 1
Nxf	225872	-1.1	9.01	bHLH-PAS type transcription factor NXF
Gsta4	14860	-1.08	11.42	glutathione S-transferase, alpha 4
2310001H17Rik	76432	-1.08	17.92	RIKEN cDNA 2310001H17 gene
Hod	74318	-1.07	12.47	homeobox only domain
Ptger2	19217	-1.06	13.4	prostaglandin E receptor 2 (subtype EP2)
Hmgn3	94353	-1.05	4.65	high mobility group nucleosomal binding domain 3
Tieg1	21847	-1.03	9.28	TGFβ inducible early growth response 1
C030046G05	327885	-1.03	9.93	hypothetical protein C030046G05
Rgs9	19739	-1.02	16.1	regulator of G-protein signaling 9
Irf4	16364	-1.02	11.7	interferon regulatory factor 4
H2-Aa	14960	-1.02	3.83	histocompatibility 2, class II antigen A, alpha
Dusp1	19252	-1.01	13.76	dual specificity phosphatase 1
Rasip1	69903	-0.98	13.25	Ras interacting protein 1
Cd200	17470	-0.98	11.32	Cd200 antigen
2310067E08Rik	71946	-0.98	11.7	RIKEN cDNA 2310067E08 gene
Bcl2a1b	12045	-0.97	5.65	B-cell leukemia/lymphoma 2 related protein A1b
4930555G01Rik	108978	-0.97	10.81	RIKEN cDNA 4930555G01 gene
Galnt14	71685	-0.96	10.08	UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 14
Fcer2a	14128	-0.96	15.48	Fc receptor, IgE, low affinity II, alpha polypeptide
Ephx1	13849	-0.96	7.73	epoxide hydrolase 1, microsomal
Ptprs	19280	-0.95	7.06	protein tyrosine phosphatase, receptor type, S
Tacstd1	17075	-0.94	13.67	tumor-associated calcium signal transducer 1
Cd44	12505	-0.94	16.78	CD44 antigen
Blink	17060	-0.94	5.14	B-cell linker
Bcl2a1d	12047	-0.94	7.11	B-cell leukemia/lymphoma 2 related protein A1d
Man1c1	230815	-0.92	14.32	mannosidase, alpha, class 1C, member 1
Bcl2a1a	12044	-0.92	7.09	B-cell leukemia/lymphoma 2 related protein A1a
Aicam	11658	-0.92	11.81	activated leukocyte cell adhesion molecule
2300009N04Rik	69477	-0.92	11.12	RIKEN cDNA 2300009N04 gene
Scd1	20249	-0.91	7.65	stearoyl-Coenzyme A desaturase 1
Kif27	75050	-0.91	-3.11	kinesin family member 27
Sh3gl3	20408	-0.9	8.16	SH3-domain GRB2-like 3
Penk1	18619	-0.9	2.04	preproenkephalin 1
Itgae	NA	-0.9	8.21	Mus musculus integrin, alpha E, epithelial-associated (Itgae), mRNA.
BC022623	224093	-0.9	3.43	cDNA sequence BC022623
Tox	252838	-0.89	8.8	thymocyte selection-associated HMG box gene
Swap70	20947	-0.89	13.65	SWAP complex protein
Eno3	13808	-0.89	12.6	enolase 3, beta muscle
Stmn1	16765	-0.88	2.12	stathmin 1
Rec8L1	56739	-0.88	7.62	REC8-like 1 (yeast)
Gucy1a3	60596	-0.88	11.77	guanylate cyclase 1, soluble, alpha 3
Cyfp1	20430	-0.88	16.83	cytoplasmic FMR1 interacting protein 1
1810037B05Rik	69169	-0.88	15.13	RIKEN cDNA 1810037B05 gene
Nt5e	23959	-0.87	3.66	5' nucleotidase, ecto
Twsg1	65960	-0.86	6.64	twisted gastrulation homolog 1 (Drosophila)
Serpina3g	20715	-0.86	7.7	serine (or cysteine) proteinase inhibitor, clade A, member 3G
Mmd	67468	-0.86	6.62	monocyte to macrophage differentiation-associated
Itgae	16407	-0.86	14.33	integrin, alpha E, epithelial-associated
Rgs10	67865	-0.85	13.19	regulator of G-protein signalling 10
Wee1	22390	-0.84	4.72	wee 1 homolog (S. pombe)
Lmo2	16909	-0.84	8.13	LIM domain only 2
Kif11	16551	-0.84	0.1	kinesin family member 11
BC023488	237221	-0.84	8.48	cDNA sequence BC023488
A430109M19Rik	77935	-0.84	5.23	RIKEN cDNA A430109M19 gene
Tcte1l	67117	-0.83	9.18	t-complex-associated-testis-expressed 1-like
Stx11	74732	-0.83	7.6	syntaxin 11
Nrp1	18186	-0.83	11.21	neuropilin 1
1110032F04Rik	68725	-0.83	7.72	RIKEN cDNA 1110032F04 gene
1110020C13Rik	66151	-0.83	8.37	RIKEN cDNA 1110020C13 gene
Ndg2	103172	-0.82	7.29	Nur77 downstream gene 2
Cybb	13058	-0.82	7.89	cytochrome b-245, beta polypeptide

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2810465F10Rik	78771	-0.82	8.64	RIKEN cDNA 2810465F10 gene
Ndg1	368204	-0.81	11.42	Nur77 downstream gene 1
Hif1a	15251	-0.81	5.33	hypoxia inducible factor 1, alpha subunit
Cr2	12902	-0.81	10.48	complement receptor 2
A130034K24Rik	319774	-0.81	11.36	RIKEN cDNA A130034K24 gene
Odc1	18263	-0.8	4.35	ornithine decarboxylase, structural 1
D16Bwg1543e	52910	-0.8	9.01	DNA segment, Chr 16, Brigham & Women's Genetics 1543 expressed
C230027N18Rik	330940	-0.8	0.19	RIKEN cDNA C230027N18 gene
4732472107Rik	271844	-0.8	10.39	RIKEN cDNA 4732472107 gene
Zfpn1a2	22779	-0.79	13.56	zinc finger protein, subfamily 1A, 2 (Helios)
Zfp3611	12192	-0.79	7.46	zinc finger protein 36, C3H type-like 1
Src	20779	-0.79	7.46	Rous sarcoma oncogene
Scd2	20250	-0.79	13.03	stearoyl-Coenzyme A desaturase 2
Itgae	NA	-0.79	12.81	Mus musculus integrin, alpha E, epithelial-associated (Itgae), mRNA.
D930040M24Rik	320858	-0.79	-4.42	RIKEN cDNA D930040M24 gene
Anxa2	12306	-0.79	0.83	annexin A2
4631408O11Rik	66693	-0.79	6.92	RIKEN cDNA 4631408O11 gene
Nrp	NA	-0.78	11.52	Mus musculus neuropilin (Nrp), mRNA.
Itgae	NA	-0.78	11.15	Mus musculus integrin, alpha E, epithelial-associated (Itgae), mRNA.
Inpp5f	101490	-0.78	8.76	inositol polyphosphate-5-phosphatase F
Ebf1	13591	-0.78	0.54	early B-cell factor 1
Cst7	13011	-0.78	12.08	cystatin F (leukocystatin)
Cd79b	NA	-0.78	12.4	Mus musculus CD79B antigen (Cd79b), mRNA.
Ccr6	12458	-0.78	3.9	chemokine (C-C motif) receptor 6
Bcl2a1c	12046	-0.78	0.21	B-cell leukemia/lymphoma 2 related protein A1c
Axl	26362	-0.78	9.51	AXL receptor tyrosine kinase
Swap70	20947	-0.77	8.07	SWAP complex protein
Hivep3	16656	-0.77	10.3	human immunodeficiency virus type I enhancer binding protein 3
Hist1h2an	319170	-0.77	0.74	histone 1, H2an
4930431P03Rik	73895	-0.77	10.38	RIKEN cDNA 4930431P03 gene
4732460K03Rik	58894	-0.77	11.8	RIKEN cDNA 4732460K03 gene
Mef2c	17260	-0.76	6.06	myocyte enhancer factor 2C
Itgb1	16412	-0.76	2.48	integrin beta 1 (fibronectin receptor beta)
Dst	NA	-0.76	3.62	Mus musculus dystonin (Dst), mRNA.
Cxcr3	12766	-0.76	1.93	chemokine (C-X-C motif) receptor 3
Cks2	66197	-0.76	1.61	CDC28 protein kinase regulatory subunit 2
Bhlhb2	20893	-0.76	9.63	basic helix-loop-helix domain containing, class B2
BC003324	80291	-0.76	9.39	cDNA sequence BC003324
Rad51	19361	-0.75	-1.54	RAD51 homolog (S. cerevisiae)
Noxa1	241275	-0.75	16.22	NADPH oxidase activator 1
Lag3	16768	-0.75	6.17	lymphocyte-activation gene 3
Dnmt3a	13435	-0.75	0.93	DNA methyltransferase 3A
D930021L15Rik	319420	-0.75	0.98	RIKEN cDNA D930021L15 gene
Cd79b	15985	-0.75	7.94	CD79B antigen
Ccna2	12428	-0.75	-0.54	cyclin A2
A1324046	380795	-0.75	-1.52	expressed sequence A1324046
Irf5	27056	-0.74	6.62	interferon regulatory factor 5
H2-Ab1	14961	-0.74	1.4	histocompatibility 2, class II antigen A, beta 1
8030462D06Rik	77174	-0.74	15.38	RIKEN cDNA 8030462D06 gene
5031439A09Rik	68151	-0.74	4.08	RIKEN cDNA 5031439A09 gene
1110060M21Rik	66208	-0.74	6.69	RIKEN cDNA 1110060M21 gene
IGHD	NA	-0.73	6.04	Part of the mouse gene for delta-immunoglobulin (CH1 domain).
Glrx1	93692	-0.73	5.87	glutaredoxin 1 (thioltransferase)
Cd81	12520	-0.73	6.17	CD 81 antigen
9430025M21Rik	77300	-0.73	13.78	RIKEN cDNA 9430025M21 gene
0610010E21Rik	68332	-0.73	6.49	RIKEN cDNA 0610010E21 gene
Cks1	54124	-0.72	-2.32	CDC28 protein kinase 1
Acate2	56360	-0.72	4.54	acyl-Coenzyme A thioesterase 2, mitochondrial
A630026H08Rik	NA	-0.72	7.92	Mus musculus RIKEN cDNA A630026H08 gene (A630026H08Rik), mRNA.
Serpinc1	11905	-0.71	-1.72	serine (or cysteine) proteinase inhibitor, clade C (antithrombin), member 1
Rog	58206	-0.71	-0.54	repressor of GATA
LOC56304	56304	-0.71	1.26	recombinant antineuraminidase single chain Ig VH and VL domains
E130308A19Rik	230259	-0.71	7.97	RIKEN cDNA E130308A19 gene
Casp4	12363	-0.71	7.24	caspase 4, apoptosis-related cysteine protease
Tank	NA	-0.7	8.1	Mus musculus TRAF family member-associated Nf-kappa B activator (Tank), mRNA.
Slc7a10	53896	-0.7	5.72	solute carrier family 7 (cationic amino acid transporter, y+ system), member 10
Igk-C	16071	-0.7	-3.41	immunoglobulin kappa chain, constant region
Arhgap20	244867	-0.7	9.2	Rho GTPase activating protein 20
Apobec2	11811	-0.7	-0.99	apolipoprotein B editing complex 2
Trpm1	17364	-0.69	11.3	transient receptor potential cation channel, subfamily M, member 1
Rabgap1l	29809	-0.69	7.1	RAB GTPase activating protein 1-like
Nr4a2	18227	-0.69	9.89	nuclear receptor subfamily 4, group A, member 2
Kns17	209737	-0.69	-1.13	kinesin-like 7
Hist1h2ah	319168	-0.69	0.61	histone 1, H2ah
H2-Oa	15001	-0.69	5.99	histocompatibility 2, O region alpha locus
H2-Ab1	14961	-0.69	0.67	histocompatibility 2, class II antigen A, beta 1
Gnpnat1	54342	-0.69	5.97	glucosamine-phosphate N-acetyltransferase 1
D3Ucla1	28146	-0.69	3.49	DNA segment, Chr 3, University of California at Los Angeles 1
Zfp3611	12192	-0.68	4.33	zinc finger protein 36, C3H type-like 1
Sh3md2	NA	-0.68	2.48	Mus musculus SH3 multiple domains 2 (Sh3md2), transcript variant 2, mRNA.
Serf1	20365	-0.68	3.63	small EDRK-rich factor 1
Mbnl3	171170	-0.68	1.43	muscleblind-like 3 (Drosophila)
Hells	15201	-0.68	-1.23	helicase, lymphoid specific
Farp1	223254	-0.68	5.53	FERM, RhoGEF (Arhgef) and pleckstrin domain protein 1 (chondrocyte-derived)
Bcat1	12035	-0.68	6.66	branched chain aminotransferase 1, cytosolic
4931413107Rik	113875	-0.68	-3.93	RIKEN cDNA 4931413107 gene
Zfp52	22710	-0.67	14.36	zinc finger protein 52
Hist1h2ao	319171	-0.67	2.08	histone 1, H2ao
Hist1h2ag	319167	-0.67	0.93	histone 1, H2ag
Gpr56	14766	-0.67	5.6	G protein-coupled receptor 56
Gpm6a	234267	-0.67	-4.64	glycoprotein m6a
A330015K06Rik	320190	-0.67	-2.34	RIKEN cDNA A330015K06 gene

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9930021J17Rik	229488	-0.67	5.96	RIKEN cDNA 9930021J17 gene
1110051B16Rik	278672	-0.67	-1.16	RIKEN cDNA 1110051B16 gene
Tnfrsf1b	21938	-0.66	8.81	tumor necrosis factor receptor superfamily, member 1b
Tbc1d4	210789	-0.66	2.32	TBC1 domain family, member 4
Plk3	12795	-0.66	0.88	polo-like kinase 3 (Drosophila)
Osbpl3	71720	-0.66	5.14	oxysterol binding protein-like 3
Mgmt	17314	-0.66	1.72	O-6-methylguanine-DNA methyltransferase
IGLC3	NA	-0.66	15.82	Mus musculus domesticus immunoglobulin lambda J3-C3-J1-C1 cluster, 3' flanking sequence.
IGKC	NA	-0.66	-3.11	Part of the germ line murine gene for kappa-immunoglobulin (last exon).
Bcl11a	NA	-0.66	9.7	Mus musculus B-cell CLL/lymphoma 11A (zinc finger protein), mRNA (cDNA clone IMAGE:2655319), complete cds.
Arhgap18	73910	-0.66	5.82	Rho GTPase activating protein 18
Rasgef1b	320292	-0.65	9.38	RasGEF domain family, member 1B
Ptpn5	19259	-0.65	8.13	protein tyrosine phosphatase, non-receptor type 5
Ppap2a	19012	-0.65	8.17	phosphatidic acid phosphatase 2a
Nelf	56876	-0.65	6.89	nasal embryonic LHRH factor
Mki67	17345	-0.65	0.68	antigen identified by monoclonal antibody Ki 67
Mastl	67121	-0.65	-4.25	microtubule associated serine/threonine kinase-like
LOC382646	NA	-0.65	3.8	Mus musculus similar to Ig delta chain C region, membrane-bound form - mouse (LOC382646), mRNA.
Gla	11605	-0.65	-2.9	galactosidase, alpha
Ear1	13586	-0.65	-2.37	eosinophil-associated, ribonuclease A family, member 1
C330008K14Rik	77619	-0.65	6.23	RIKEN cDNA C330008K14 gene
2410003J06Rik	71967	-0.65	19.14	RIKEN cDNA 2410003J06 gene
Tnfrsf13c	72049	-0.64	5.71	tumor necrosis factor receptor superfamily, member 13c
Rasgef1a	70727	-0.64	-1.63	RasGEF domain family, member 1A
Marvel2	218518	-0.64	3.67	MARVEL (membrane-associating) domain containing 2
Il1r2	16178	-0.64	2.61	interleukin 1 receptor, type II
Igk-V28	16114	-0.64	-4.07	immunoglobulin kappa chain variable 28 (V28)
Hist1h2ak	319169	-0.64	0	histone 1, H2ak
H2-Eb1	14969	-0.64	-0.35	histocompatibility 2, class II antigen E beta
Ear1	13586	-0.64	-2.25	eosinophil-associated, ribonuclease A family, member 1
A530030E21Rik	320731	-0.64	5.55	RIKEN cDNA A530030E21 gene
A230020G22Rik	229499	-0.64	11.57	RIKEN cDNA A230020G22 gene
Zdhhc2	70546	-0.63	0.24	zinc finger, DHHC domain containing 2
Tank	21353	-0.63	10.77	TRAF family member-associated Nf-kappa B activator
Syt12	83671	-0.63	2	synaptotagmin-like 2
Sh3bgr1	56726	-0.63	8.15	SH3-binding domain glutamic acid-rich protein like
Sf3b1	81898	-0.63	-3.92	splicing factor 3b, subunit 1
Nkg7	72310	-0.63	-0.5	natural killer cell group 7 sequence
Ncf2	17970	-0.63	3.6	neutrophil cytosolic factor 2
Map17	67182	-0.63	14.71	membrane-associated protein 17
Kdt1	16543	-0.63	7.51	kidney cell line derived transcript 1
Igfbp7	29817	-0.63	2.63	insulin-like growth factor binding protein 7
Hist1h2ai	319191	-0.63	0.83	histone 1, H2ai
Hap1	15114	-0.63	5.52	huntingtin-associated protein 1
9030411K21Rik	71557	-0.63	-4.18	RIKEN cDNA 9030411K21 gene
5730453H04Rik	105072	-0.63	-2.89	RIKEN cDNA 5730453H04 gene
4932412D23Rik	75722	-0.63	-3.87	RIKEN cDNA 4932412D23 gene
Tns	21961	-0.62	0.48	tensin
Scrg3	20286	-0.62	2.03	scrapie responsive gene 3
Sat1	20229	-0.62	3.13	spermidine/spermine N1-acetyl transferase 1
Pon3	269823	-0.62	4.21	paraoxonase 3
IGKV6-c	NA	-0.62	-3.06	Mus musculus (SK/CamRK) germline IgK gene, V-region.
Gch1	14528	-0.62	-1.52	GTP cyclohydrolase 1
Eomes	13813	-0.62	8.77	eomesodermin homolog (Xenopus laevis)
E030024M05Rik	217430	-0.62	7.06	RIKEN cDNA E030024M05 gene
Ctla4	12477	-0.62	1.29	cytotoxic T-lymphocyte-associated protein 4
Alcam	11658	-0.62	10.27	activated leukocyte cell adhesion molecule
A530052I06Rik	99953	-0.62	4.29	RIKEN cDNA A530052I06 gene
6530404N21Rik	67795	-0.62	-0.41	RIKEN cDNA 6530404N21 gene
Rnase6	78416	-0.61	5.14	ribonuclease A family, member 6
Ndrp1	17988	-0.61	3.88	N-myc downstream regulated gene 1
IGKV6-32	NA	-0.61	-3.3	Mus musculus IgVk 19-32 gene.
Igk-V1	16081	-0.61	-1.7	immunoglobulin kappa chain variable 1 (V1)
Hist1h2ad	319165	-0.61	0.01	histone 1, H2ad
D730019B10Rik	237256	-0.61	2.71	RIKEN cDNA D730019B10 gene
Cd200r1	57781	-0.61	3.53	CD200 receptor 1
Cd19	12478	-0.61	5.78	CD19 antigen
C330023F11Rik	109232	-0.61	5.02	RIKEN cDNA C330023F11 gene
C2ta	12265	-0.61	-1.09	class II transactivator
Bcl6	12053	-0.61	14.74	B-cell leukemia/lymphoma 6
9630014C11Rik	78570	-0.61	0.88	RIKEN cDNA 9630014C11 gene
Samsn1	67742	-0.6	8.05	SAM domain, SH3 domain and nuclear localisation signals, 1
Reps1	19707	-0.6	7.02	RalBP1 associated Eps domain containing protein
Ly86	17084	-0.6	1.23	lymphocyte antigen 86
LOC382646	NA	-0.6	2.78	Mus musculus similar to Ig delta chain C region, membrane-bound form - mouse (LOC382646), mRNA.
li	16149	-0.6	-0.91	Ia-associated invariant chain
Icsbp1	15900	-0.6	1.79	interferon consensus sequence binding protein 1
Gstt3	103140	-0.6	7	glutathione S-transferase, theta 3
Gphn	268566	-0.6	4.89	gephyrin
Ddit4	74747	-0.6	3.52	DNA-damage-inducible transcript 4
Casp3	12367	-0.6	7.72	caspase 3, apoptosis related cysteine protease
A930031D07Rik	213006	-0.6	6.68	RIKEN cDNA A930031D07 gene
2310026E23Rik	67621	-0.6	4.24	RIKEN cDNA 2310026E23 gene
1200008O12Rik	74107	-0.6	-0.91	RIKEN cDNA 1200008O12 gene
Spry1	24063	-0.59	3.07	sprouty homolog 1 (Drosophila)
Spag5	54141	-0.59	-0.78	sperm associated antigen 5
Siat8d	20452	-0.59	9.2	sialyltransferase 8 (alpha-2, 8-sialyltransferase) D
Rmcs1	114887	-0.59	-0.94	response to metastatic cancers 1
Rln3	212108	-0.59	13.37	relaxin 3
Phtf2	68770	-0.59	6.5	putative homeodomain transcription factor 2
Olfir134	258829	-0.59	-4.19	olfactory receptor 134
Ear3	53876	-0.59	-1.03	eosinophil-associated, ribonuclease A family, member 3

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Chi3l3	12655	-0.59	3.97	chitinase 3-like 3
Cd24a	12484	-0.59	-0.05	CD24a antigen
Capn3	12335	-0.59	5.72	calpain 3
Bcar3	29815	-0.59	4.35	breast cancer anti-estrogen resistance 3
5830456J23Rik	76105	-0.59	2.17	RIKEN cDNA 5830456J23 gene
2900026A02Rik	243219	-0.59	8.78	RIKEN cDNA 2900026A02 gene
Tgtp	21822	0.59	7.91	T-cell specific GTPase
Sgk3	NA	0.59	8	Mus musculus serum/glucocorticoid regulated kinase 3 (Sgk3), mRNA.
Satb1	20230	0.59	4.28	special AT-rich sequence binding protein 1
4930485D02Rik	75812	0.59	9.47	RIKEN cDNA 4930485D02 gene
1500004A08Rik	216505	0.59	7.54	RIKEN cDNA 1500004A08 gene
V2r1b	56552	0.6	-5.71	vomerolnasal 2, receptor, 1b
D11ErtD759e	268513	0.61	6.57	DNA segment, Chr 11, ERATO Doi 759, expressed
C030002B11Rik	78540	0.61	4.94	RIKEN cDNA C030002B11 gene
9130427A09Rik	107022	0.61	5.02	RIKEN cDNA 9130427A09 gene
4632430A05Rik	77587	0.61	-2.81	RIKEN cDNA 4632430A05 gene
Oasl2	23962	0.62	6.37	2'-5' oligoadenylate synthetase-like 2
Lef1	16842	0.62	2.25	lymphoid enhancer binding factor 1
Grap2	17444	0.62	7.76	GRB2-related adaptor protein 2
Eraf	170812	0.62	0.03	erythroid associated factor
Art4	109978	0.62	9.84	ADP-ribosyltransferase 4
Lip1	16889	0.63	9.89	lysosomal acid lipase 1
1110007C02Rik	71784	0.63	3.79	RIKEN cDNA 1110007C02 gene
Daf1	13136	0.64	4.79	decay accelerating factor 1
1810045K07Rik	67887	0.64	10.33	RIKEN cDNA 1810045K07 gene
Slc28a2	269346	0.65	0.83	solute carrier family 28 (sodium-coupled nucleoside transporter), member 2
Igtp	16145	0.65	7.89	interferon gamma induced GTPase
E430024C06Rik	319443	0.65	-2.43	RIKEN cDNA E430024C06 gene
AW536289	104645	0.65	4.86	expressed sequence AW536289
Pdlim1	54132	0.66	3.95	PDZ and LIM domain 1 (elfin)
Crif3	54394	0.66	4.35	cytokine receptor-like factor 3
Rcn1	19672	0.67	5.93	reticulocalbin 1
Pdk1	228026	0.67	15.3	pyruvate dehydrogenase kinase, isoenzyme 1
Ifi44	99899	0.67	-4.98	interferon-induced protein 44
Bclp2	229687	0.67	4.48	chitinase like protein 2
Actn2	11472	0.67	9.35	actinin alpha 2
Abca3	27410	0.67	-5.16	ATP-binding cassette, sub-family A (ABC1), member 3
2610019F03Rik	72148	0.67	12.6	RIKEN cDNA 2610019F03 gene
1810045K07Rik	NA	0.67	5.67	Mus musculus RIKEN cDNA 1810045K07 gene (1810045K07Rik), mRNA.
Zbp1	58203	0.68	0.45	Z-DNA binding protein 1
Igfbp4	16010	0.68	2.43	insulin-like growth factor binding protein 4
Adamts7	108153	0.68	-5.71	a disintegrin-like and metalloprotease (reprolysin type) with thrombospondin type 1 motif, 7
Herc1	235439	0.69	-5.77	hect (homologous to the E6-AP (UBE3A) carboxyl terminus) domain and RCC1 (CHC1)-like domain (RLD) 1
Sifn5	327978	0.71	2.21	schlafen 5
Gbp2	14469	0.71	5.44	guanylate nucleotide binding protein 2
A1661017	213068	0.71	9.05	expressed sequence A1661017
E430004N04Rik	210757	0.72	7.17	RIKEN cDNA E430004N04 gene
BC022645	235633	0.73	2.2	cDNA sequence BC022645
2610204G22Rik	70448	0.73	6.8	RIKEN cDNA 2610204G22 gene
1700012B18Rik	71839	0.73	8.81	RIKEN cDNA 1700012B18 gene
Trib3	228775	0.74	9.2	tribbles homolog 3 (Drosophila)
Ifit3	15959	0.76	0.88	interferon-induced protein with tetratricopeptide repeats 3
2010002M12Rik	112419	0.76	4.77	RIKEN cDNA 2010002M12 gene
Nme7	NA	0.77	12.49	Mus musculus non-metastatic cells 7, protein expressed in (Nme7), mRNA.
Terg-V4	21638	0.78	3.67	T-cell receptor gamma, variable 4
Pdlim4	30794	0.81	6.82	PDZ and LIM domain 4
Socs3	12702	0.82	3.59	suppressor of cytokine signaling 3
2310046K10Rik	NA	0.82	8.57	Mus musculus RIKEN cDNA 2310046K10 gene (2310046K10Rik), transcript variant a, mRNA.
Ifit3	15959	0.83	1.78	interferon-induced protein with tetratricopeptide repeats 3
Dntt	21673	0.83	10.52	deoxynucleotidyltransferase, terminal
A130092J06Rik	241303	0.83	5.48	RIKEN cDNA A130092J06 gene
Tyki	22169	0.87	1.31	thymidylate kinase family LPS-inducible member
Ifit3	15959	0.87	1.68	interferon-induced protein with tetratricopeptide repeats 3
5830431A10Rik	76024	0.88	5.47	RIKEN cDNA 5830431A10 gene
Igfbp4	16010	0.93	12.88	insulin-like growth factor binding protein 4
Ly6f	17071	0.94	19.96	lymphocyte antigen 6 complex, locus F
Tubb2	22151	0.95	17.1	tubulin, beta 2
Slc16a5	217316	0.95	10.83	solute carrier family 16 (monocarboxylic acid transporters), member 5
2310032F03Rik	76747	0.96	2.42	RIKEN cDNA 2310032F03 gene
Atp1b1	11931	0.98	11.38	ATPase, Na ⁺ /K ⁺ transporting, beta 1 polypeptide
Sh3bgrl2	212531	0.99	14.56	SH3 domain binding glutamic acid-rich protein like 2
Nme7	NA	0.99	12.35	Mus musculus non-metastatic cells 7, protein expressed in (Nme7), mRNA.
Txk	22165	1	15.13	TXK tyrosine kinase
Ly6a	110454	1.01	7.31	lymphocyte antigen 6 complex, locus A
Dnajd1	66148	1.01	6.03	DnaJ (Hsp40) homolog, subfamily D, member 1
Epsti1	108670	1.02	10.66	epithelial stromal interaction 1 (breast)
Prf1	18646	1.03	13.95	perforin 1 (pore forming protein)
Ifit1	15957	1.06	-0.26	interferon-induced protein with tetratricopeptide repeats 1
1500005K14Rik	76566	1.14	10.75	RIKEN cDNA 1500005K14 gene
Tec	21682	1.17	12.8	cytoplasmic tyrosine kinase, Dscr28C related (Drosophila)
Oas2	246728	1.21	7.49	2'-5' oligoadenylate synthetase 2
Gzma	14938	1.28	-1.73	granzyme A
Ly6c	17067	1.34	11.85	lymphocyte antigen 6 complex, locus C
BC029719	270179	1.48	11.6	cDNA sequence BC029719
Bclp2	229687	1.56	19.52	chitinase like protein 2
Myo6	17920	2.89	19.95	myosin VI

Table S1B

Symbol	GeneID	Tmem fold change (log ₂)	B statistic	Description
Gpm6b	14758	-2.01	12.58	glycoprotein m6b
Tbc1d8	54610	-1.57	13.69	TBC1 domain family, member 8
Lmo2	16909	-1.46	16.11	LIM domain only 2
AW046396	329173	-1.45	16.89	expressed sequence AW046396
2610012C04Rik	70299	-1.44	12.46	RIKEN cDNA 2610012C04 gene
Egr1	13653	-1.38	10.17	early growth response 1
Il4i1	14204	-1.35	6.96	interleukin 4 induced 1
2210421G13Rik	108956	-1.35	7.66	RIKEN cDNA 2210421G13 gene
Serpnb10	241197	-1.34	5.01	serine (or cysteine) proteinase inhibitor, clade B (ovalbumin), member 10
Rtn1	104001	-1.34	11.93	reticulon 1
Mmp12	17381	-1.33	11.16	matrix metalloproteinase 12
C230002E15Rik	319708	-1.33	10.72	RIKEN cDNA C230002E15 gene
Flt3	14255	-1.29	16.81	FMS-like tyrosine kinase 3
2210409B22Rik	70174	-1.29	12.82	RIKEN cDNA 2210409B22 gene
Rnase6	78416	-1.28	15.38	ribonuclease A family, member 6
Dusp1	19252	-1.28	17.4	dual specificity phosphatase 1
Kmo	98256	-1.26	19.48	kynurenine 3-monooxygenase (kynurenine 3-hydroxylase)
Emr1	13733	-1.26	14.55	EGF-like module containing, mucin-like, hormone receptor-like sequence 1
Hap1	15114	-1.24	14.98	huntingtin-associated protein 1
2900022I03Rik	72849	-1.24	13.68	RIKEN cDNA 2900022I03 gene
Adam11	11488	-1.23	2.86	a disintegrin and metalloprotease domain 11
Igfb6	80719	-1.22	14.03	immunoglobulin superfamily, member 6
Ccnd1	12443	-1.22	10.25	cyclin D1
Basp1	70350	-1.22	13.39	brain abundant, membrane attached signal protein 1
Fos	14281	-1.21	3.11	FBJ osteosarcoma oncogene
Kynu	70789	-1.2	11.6	kynureninase (L-kynurenine hydrolase)
Klrb1c	17059	-1.2	7.78	killer cell lectin-like receptor subfamily B member 1C
Gpr124	NA	-1.2	5.53	Mus musculus G protein-coupled receptor 124 (Gpr124), mRNA.
Ube2e2	218793	-1.19	9.39	ubiquitin-conjugating enzyme E2E 2 (UBC4/5 homolog, yeast)
Scap2	54353	-1.19	12.05	src family associated phosphoprotein 2
Ear1	13586	-1.19	3.58	eosinophil-associated, ribonuclease A family, member 1
Dscam	13508	-1.19	10.76	Down syndrome cell adhesion molecule
2900052N01Rik	73040	-1.19	17.07	RIKEN cDNA 2900052N01 gene
Klf4	16600	-1.18	16.23	Kruppel-like factor 4 (gut)
A130001G05Rik	320704	-1.18	10.86	RIKEN cDNA A130001G05 gene
4921513O20Rik	66725	-1.18	14.03	RIKEN cDNA 4921513O20 gene
2010002N04Rik	106878	-1.18	9.3	RIKEN cDNA 2010002N04 gene
Rp2h	19889	-1.17	10.39	retinitis pigmentosa 2 homolog (human)
Ogfrl1	70155	-1.17	10.67	opioid growth factor receptor-like 1
Hmgn3	94353	-1.17	5.89	high mobility group nucleosomal binding domain 3
0610012D17Rik	66061	-1.17	13.18	RIKEN cDNA 0610012D17 gene
Spint1	20732	-1.16	15.86	serine protease inhibitor, Kunitz type 1
BC035044	232406	-1.16	8.07	cDNA sequence BC035044
Sash1	70097	-1.15	14.96	SAM and SH3 domain containing 1
Igfb7	140497	-1.15	16.72	immunoglobulin superfamily, member 7
5031439G07Rik	223739	-1.15	12.8	RIKEN cDNA 5031439G07 gene
Hspa1b	15511	-1.14	-5.21	heat shock protein 1B
Ear1	13586	-1.14	2.82	eosinophil-associated, ribonuclease A family, member 1
D930021L15Rik	319420	-1.14	5.82	RIKEN cDNA D930021L15 gene
BC035044	232406	-1.14	9.04	cDNA sequence BC035044
Asb2	65256	-1.14	11.16	ankyrin repeat and SOCS box-containing protein 2
Cd83	12522	-1.13	5.4	CD83 antigen
BC022623	224093	-1.13	6.21	cDNA sequence BC022623
Adam23	23792	-1.13	8.48	a disintegrin and metalloprotease domain 23
Dnase1l3	13421	-1.12	11.26	deoxyribonuclease 1-like 3
Sort1	20661	-1.11	7.35	sortilin 1
Sort1	20661	-1.11	5.97	sortilin 1
Ryr3	20192	-1.11	17.97	ryanodine receptor 3
Rp2h	19889	-1.11	13.32	retinitis pigmentosa 2 homolog (human)
Ptger3	19218	-1.11	8.38	prostaglandin E receptor 3 (subtype EP3)
Hck	15162	-1.11	17.02	hemopoietic cell kinase
Sirpb	320832	-1.1	8.74	signal-regulatory protein beta
E130112L23Rik	268739	-1.1	9.96	RIKEN cDNA E130112L23 gene
1100001H23Rik	66857	-1.1	6.94	RIKEN cDNA 1100001H23 gene
Tnfrsf4	22163	-1.09	6.22	tumor necrosis factor receptor superfamily, member 4
Marcks	17118	-1.09	14.91	myristoylated alanine rich protein kinase C substrate
Fgr	14191	-1.08	10.43	Gardner-Rasheed feline sarcoma viral (Fgr) oncogene homolog
Anxa3	11745	-1.08	7.73	annexin A3
1300007C21Rik	67527	-1.08	-3.1	RIKEN cDNA 1300007C21 gene
Ncf2	17970	-1.07	10.56	neutrophil cytosolic factor 2
Fcgr1g	14127	-1.07	12.93	Fc receptor, IgE, high affinity I, gamma polypeptide
9930027N05Rik	NA	-1.07	12.64	Mus musculus RIKEN cDNA 9930027N05 gene (9930027N05Rik), transcript variant 2, mRNA.
Rgs18	64214	-1.06	8.07	regulator of G-protein signaling 18
Ptxnc1	54712	-1.06	12.04	plexin C1
Nr4a1	15370	-1.06	5.9	nuclear receptor subfamily 4, group A, member 1
Cybb	13058	-1.06	11.45	cytochrome b-245, beta polypeptide
Bcl11a	NA	-1.06	16.59	Mus musculus B-cell CLL/lymphoma 11A (zinc finger protein), mRNA (cDNA clone IMAGE:2655319), complete cds.
Slamf8	74748	-1.05	10.94	SLAM family member 8
Mpeg1	17476	-1.05	5.77	macrophage expressed gene 1
Ifitm6	213002	-1.05	5.49	interferon induced transmembrane protein 6
Gsn	NA	-1.05	10.77	Mus musculus gelsolin (Gsn), mRNA.
Gpr124	78560	-1.05	15.99	G protein-coupled receptor 124
C030046G05	327885	-1.05	10.14	hypothetical protein C030046G05
Arhgap6	11856	-1.05	4.8	Rho GTPase activating protein 6
6430529G09Rik	233274	-1.05	3.89	RIKEN cDNA 6430529G09 gene
Sulf2	72043	-1.04	16.24	sulfatase 2
BC023928	268377	-1.04	9.88	cDNA sequence BC023928
App	11820	-1.04	7.8	amyloid beta (A4) precursor protein
Npl	74091	-1.03	13.85	N-acetylneuraminidase
Gpr43	233079	-1.03	9.92	G protein-coupled receptor 43

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Plek	56193	-1.02	12.23	pleckstrin
9630014C11Rik	78570	-1.02	6.92	RIKEN cDNA 9630014C11 gene
Tm6sf1	107769	-1.01	14.37	transmembrane 6 superfamily member 1
Kctd12	239217	-1.01	9.69	potassium channel tetramerisation domain containing 12
Cybb	13058	-1.01	12.46	cytochrome b-245, beta polypeptide
Clecsf12	56644	-1.01	7.38	C-type (calcium dependent, carbohydrate recognition domain) lectin, superfamily member 12
9830002117Rik	77577	-1.01	10.48	RIKEN cDNA 9830002117 gene
2510048K03Rik	72461	-1.01	14.82	RIKEN cDNA 2510048K03 gene
2210020M01Rik	66528	-1.01	3.79	RIKEN cDNA 2210020M01 gene
Rhoq	104215	-1	8.01	ras homolog gene family, member Q
Arhgap22	239027	-1	10.21	Rho GTPase activating protein 22
TRGC4	NA	-0.99	0.51	Mus musculus T cell receptor gamma locus, TCR gamma 2 and gamma 4 gene clusters.
Sat1	20229	-0.99	9.16	spermidine/spermine N1-acetyl transferase 1
BC003277	214359	-0.99	8.03	cDNA sequence BC003277
A530045L16Rik	319528	-0.99	0.26	RIKEN cDNA A530045L16 gene
A330066M24Rik	320357	-0.99	9.31	RIKEN cDNA A330066M24 gene
Pmaip1	58801	-0.98	10.88	phorbol-12-myristate-13-acetate-induced protein 1
Irf5	27056	-0.98	10.45	interferon regulatory factor 5
Dna2l	327762	-0.98	5.92	DNA2 DNA replication helicase 2-like (yeast)
Csf2ra	12982	-0.98	13.24	colony stimulating factor 2 receptor, alpha, low-affinity (granulocyte-macrophage)
2410025L10Rik	381668	-0.98	1.95	RIKEN cDNA 2410025L10 gene
Kcnk6	52150	-0.97	7.67	potassium inwardly-rectifying channel, subfamily K, member 6
Dkk2	56811	-0.97	5.16	dickkopf homolog 2 (Xenopus laevis)
Ctsh	13036	-0.97	5.13	cathepsin H
Cd81	12520	-0.97	10	CD 81 antigen
9030208C03Rik	320131	-0.97	6.25	RIKEN cDNA 9030208C03 gene
Tyrobp	22177	-0.96	6.71	TYRO protein tyrosine kinase binding protein
Nrn1	68404	-0.96	8.68	neuritin 1
Ckb	12709	-0.96	10	creatine kinase, brain
Ces2	234671	-0.96	5.72	carboxylesterase 2
Cd209a	170786	-0.96	15.05	CD209a antigen
1200006F02Rik	71706	-0.96	12.06	RIKEN cDNA 1200006F02 gene
Tcf4	21413	-0.95	6.37	transcription factor 4
Rgs2	19735	-0.95	7.68	regulator of G-protein signaling 2
Ptpns1	19261	-0.95	7.34	protein tyrosine phosphatase, non-receptor type substrate 1
Lrrc16	68732	-0.95	13.8	leucine rich repeat containing 16
Cd63	12512	-0.95	5.95	CD63 antigen
2810451E09Rik	72821	-0.95	16.14	RIKEN cDNA 2810451E09 gene
1600010M07Rik	69781	-0.95	11.09	RIKEN cDNA 1600010M07 gene
Zfx1b	24136	-0.94	8.59	zinc finger homeobox 1b
Tgfb1	21810	-0.94	7.81	transforming growth factor, beta induced
Lrp1	NA	-0.94	5.79	Mus musculus low density lipoprotein receptor-related protein 1 (Lrp1), mRNA.
Dab2ip	69601	-0.94	12.75	disabled homolog 2 (Drosophila) interacting protein
C2ta	12265	-0.94	3.29	class II transactivator
6330407A03Rik	70720	-0.94	7.19	RIKEN cDNA 6330407A03 gene
Rab32	67844	-0.93	14.36	RAB32, member RAS oncogene family
Mil14	17356	-0.93	7.62	myeloid/lymphoid or mixed lineage-leukemia translocation to 4 homolog (Drosophila)
Hist1h1c	50708	-0.93	18.7	histone 1, H1c
H2-DMb1	14999	-0.93	8.62	histocompatibility 2, class II, locus Mb1
E030003N15Rik	105841	-0.93	12.44	RIKEN cDNA E030003N15 gene
Dock7	67299	-0.93	3.77	dedicator of cytokinesis 7
B130040O20Rik	320962	-0.93	10.2	RIKEN cDNA B130040O20 gene
A1132321	104759	-0.93	6.48	expressed sequence A1132321
Rnf149	67702	-0.92	5.94	ring finger protein 149
Gcnt2	14538	-0.92	10.58	glucosaminyl (N-acetyl) transferase 2, I-branching enzyme
Egr3	13655	-0.92	18.81	early growth response 3
BC049354	269799	-0.92	9.49	cDNA sequence BC049354
A530088I07Rik	212167	-0.92	9.11	RIKEN cDNA A530088I07 gene
Tlr13	279572	-0.91	6.85	toll-like receptor 13
Rgs1	50778	-0.91	2.83	regulator of G-protein signaling 1
Lyzs	17105	-0.91	0.59	lysozyme
Igk-C	16071	-0.91	-1.79	immunoglobulin kappa chain, constant region
Hhex	15242	-0.91	14.95	hematopoietically expressed homeobox
D930015E06Rik	229473	-0.91	14.99	RIKEN cDNA D930015E06 gene
Ccnd1	12443	-0.91	6.65	cyclin D1
Sic8a1	20541	-0.9	8.46	solute carrier family 8 (sodium/calcium exchanger), member 1
Slamf7	75345	-0.9	15.93	SLAM family member 7
Pla2g4a	18783	-0.9	8.8	phospholipase A2, group IVA (cytosolic, calcium-dependent)
Phca	66190	-0.9	10.55	phytoceramidase, alkaline
Lrrk1	233328	-0.9	12.07	leucine-rich repeat kinase 1
Itgax	16411	-0.9	15.18	integrin alpha X
Il1b	16176	-0.9	11.92	interleukin 1 beta
Frdm4a	209630	-0.9	4.34	FERM domain containing 4A
Dnmt3a	13435	-0.9	2.9	DNA methyltransferase 3A
Ccnd1	12443	-0.9	14.6	cyclin D1
Bcl11a	14025	-0.9	7.21	B-cell CLL/lymphoma 11A (zinc finger protein)
Pira4	18727	-0.89	8.93	paired-Ig-like receptor A4
Pfc	18636	-0.89	6.17	properdin factor, complement
Gpr82	319200	-0.89	16.43	G protein-coupled receptor 82
App4c	242557	-0.89	12.82	APG4 (ATG4) autophagy-related homolog C (S. cerevisiae)
Anxa4	11746	-0.89	9.24	annexin A4
Havcr2	171285	-0.88	8.38	hepatitis A virus cellular receptor 2
Card12	268973	-0.88	14.79	caspase recruitment domain family, member 12
1810009M01Rik	65963	-0.88	6.62	RIKEN cDNA 1810009M01 gene
Sucnr1	84112	-0.87	7.03	succinate receptor 1
Spry1	24063	-0.87	8.03	sprouty homolog 1 (Drosophila)
Sirpb	320832	-0.87	7.15	signal-regulatory protein beta
Rassf4	213391	-0.87	12.84	Ras association (RalGDS/AF-6) domain family 4
Qk	19317	-0.87	10.52	quaking
Mdh2	17448	-0.87	5.57	malate dehydrogenase 2, NAD (mitochondrial)
Kdr	16542	-0.87	5.18	kinase insert domain protein receptor
Ctse	13034	-0.87	-4.55	cathepsin E

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A430090E18Rik	195564	-0.87	12.89	RIKEN cDNA A430090E18 gene
2810442I21Rik	72735	-0.87	5.54	RIKEN cDNA 2810442I21 gene
TRGV1	NA	-0.86	-0.91	Mouse T-cell receptor germline gamma chain gene V-region (V108B).
Tns	21961	-0.86	3.97	tensin
IGKV8-24	NA	-0.86	0.98	Mus musculus IgVk 8-24 gene.
H2-Eb1	14969	-0.86	2.66	histocompatibility 2, class II antigen E beta
Ddhd1	114874	-0.86	1.92	DDHD domain containing 1
1810033B17Rik	69189	-0.86	1.41	RIKEN cDNA 1810033B17 gene
1110055L24Rik	66205	-0.86	5.32	RIKEN cDNA 1110055L24 gene
Swap70	20947	-0.85	13.06	SWAP complex protein
Rmcs1	114887	-0.85	2.55	response to metastatic cancers 1
Ramp1	51801	-0.85	3.66	receptor (calcitonin) activity modifying protein 1
Ptprs	19280	-0.85	5.51	protein tyrosine phosphatase, receptor type, S
Plcg2	234779	-0.85	14.35	phospholipase C, gamma 2
Mgl1	17312	-0.85	5.99	macrophage galactose N-acetyl-galactosamine specific lectin 1
Ifi30	65972	-0.85	6.35	interferon gamma inducible protein 30
H2-Oa	15001	-0.85	8.93	histocompatibility 2, O region alpha locus
Clic4	29876	-0.85	10.45	chloride intracellular channel 4 (mitochondrial)
B630019K06Rik	102941	-0.85	5.98	RIKEN cDNA B630019K06 gene
6230421P05Rik	109033	-0.85	5.6	RIKEN cDNA 6230421P05 gene
2900024D24Rik	72925	-0.85	13.66	RIKEN cDNA 2900024D24 gene
Vav2	22325	-0.84	13.33	Vav2 oncogene
Tacstd1	17075	-0.84	12.06	tumor-associated calcium signal transducer 1
Rasgrp3	240168	-0.84	9.93	RAS, guanyl releasing protein 3
Lzf	66049	-0.84	14.85	leucine zipper domain protein
LOC329416	329416	-0.84	12.57	nitric oxide synthase trafficker
Igk-V28	16114	-0.84	-2.66	immunoglobulin kappa chain variable 28 (V28)
Ier5	15939	-0.84	9.37	immediate early response 5
Gpr120	107221	-0.84	7.98	G protein-coupled receptor 120
Ahrr	11624	-0.84	10.37	aryl-hydrocarbon receptor repressor
Xcl1	16963	-0.83	2.82	chemokine (C motif) ligand 1
Rem1	19700	-0.83	9.12	rad and gem related GTP binding protein 1
Pirb	18733	-0.83	4.34	paired-Ig-like receptor B
Kira12	16630	-0.83	-1.14	killer cell lectin-like receptor subfamily A, member 12
Blink	17060	-0.83	3.61	B-cell linker
BC023105	207269	-0.83	6.57	cDNA sequence BC023105
Adam23	NA	-0.83	4.54	Mus musculus a disintegrin and metalloprotease domain 23 (Adam23), mRNA.
A130095M15Rik	319928	-0.83	6.02	RIKEN cDNA A130095M15 gene
2310057H16Rik	67951	-0.83	12.76	RIKEN cDNA 2310057H16 gene
Tnfrsf5	21939	-0.82	13.16	tumor necrosis factor receptor superfamily, member 5
Pik3cb	74769	-0.82	9.12	phosphatidylinositol 3-kinase, catalytic, beta polypeptide
Nucb2	53322	-0.82	7.46	nucleobindin 2
Kira20	93967	-0.82	-1.84	killer cell lectin-like receptor subfamily A, member 20
IGHV1S56	NA	-0.82	2.59	Mus musculus immunoglobulin heavy chain precursor (IgH J558-43Y) gene, V-region, partial cds.
H2-Aa	14960	-0.82	1.35	histocompatibility 2, class II antigen A, alpha
Gsto1	14873	-0.82	5.45	glutathione S-transferase omega 1
Ear10	93725	-0.82	1.87	eosinophil-associated, ribonuclease A family, member 10
Cyp27a1	104086	-0.82	7.08	cytochrome P450, family 27, subfamily a, polypeptide 1
Ctss	13040	-0.82	8.34	cathepsin S
Bcl6	12053	-0.82	19.16	B-cell leukemia/lymphoma 6
AW490415	101361	-0.82	10.96	expressed sequence AW490415
Zfx1b	24136	-0.81	10.52	zinc finger homeobox 1b
Slc6a12	14411	-0.81	8.24	solute carrier family 6 (neurotransmitter transporter, betaine/GABA), member 12
Nphp3	74025	-0.81	-0.08	nephronophthisis 3 (adolescent)
Ly86	17084	-0.81	4.6	lymphocyte antigen 86
Cd209d	170779	-0.81	2.36	CD209d antigen
Catnd2	18163	-0.81	6.49	catenin delta 2
B230311A21	328314	-0.81	13.51	hypothetical protein B230311A21
Alcam	11658	-0.81	10.02	activated leukocyte cell adhesion molecule
A1426953	103207	-0.81	1.62	expressed sequence A1426953
4631426J05Rik	77590	-0.81	15.32	RIKEN cDNA 4631426J05 gene
2810046M22Rik	269633	-0.81	8.73	RIKEN cDNA 2810046M22 gene
1110060D06Rik	68813	-0.81	5.17	RIKEN cDNA 1110060D06 gene
Tns	21961	-0.8	4.86	tensin
Siat4c	20443	-0.8	15.61	sialyltransferase 4C (beta-galactoside alpha-2,3-sialyltransferase)
Rasgef1b	320292	-0.8	12.34	RasGEF domain family, member 1B
Pip5k2a	18718	-0.8	9.54	phosphatidylinositol-4-phosphate 5-kinase, type II, alpha
Lzp-s	17110	-0.8	0.68	P lysozyme structural
Ifngr2	15980	-0.8	11.84	interferon gamma receptor 2
Csf2rb2	12984	-0.8	6.66	colony stimulating factor 2 receptor, beta 2, low-affinity (granulocyte-macrophage)
Chka	12660	-0.8	9.57	choline kinase alpha
Cd80	12519	-0.8	4.34	CD80 antigen
1110032F04Rik	68725	-0.8	7.24	RIKEN cDNA 1110032F04 gene
Siat8f	241230	-0.79	3.44	sialyltransferase 8 (alpha-2, 8-sialyltransferase) F
Serpina3g	20715	-0.79	6.38	serine (or cysteine) proteinase inhibitor, clade A, member 3G
Ppfi4	68507	-0.79	14.59	protein tyrosine phosphatase, receptor type, f polypeptide (PTPRF), interacting protein (liprin), alpha 4
Pira1	18722	-0.79	9.28	paired-Ig-like receptor A1
Mef2c	17260	-0.79	6.56	myocyte enhancer factor 2C
Lmo4	16911	-0.79	0.47	LIM domain only 4
IGKC	NA	-0.79	-2.07	Part of the germ line murine gene for kappa-immunoglobulin (last exon).
Fgr	14191	-0.79	14.61	Gardner-Rasheed feline sarcoma viral (Fgr) oncogene homolog
Fgd2	26382	-0.79	6.9	FYVE, RhoGEF and PH domain containing 2
Fes	14159	-0.79	4.91	feline sarcoma oncogene
D630012G11Rik	320904	-0.79	5.83	RIKEN cDNA D630012G11 gene
Cerk	223753	-0.79	9.81	ceramide kinase
1810018P12Rik	74170	-0.79	6.36	RIKEN cDNA 1810018P12 gene
1810011H11Rik	69069	-0.79	3.18	RIKEN cDNA 1810011H11 gene
Ncf1	17969	-0.78	14.83	neutrophil cytosolic factor 1
Kira16	27424	-0.78	-1.17	killer cell lectin-like receptor, subfamily A, member 16
Igk-V1	16081	-0.78	0.39	immunoglobulin kappa chain variable 1 (V1)
Emr4	52614	-0.78	5.57	EGF-like module containing, mucin-like, hormone receptor-like sequence 4
Cd68	12514	-0.78	12.21	CD68 antigen

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Alcam	11658	-0.78	13.6	activated leukocyte cell adhesion molecule
5730407K14Rik	70479	-0.78	11.57	RIKEN cDNA 5730407K14 gene
1300002K09Rik	74152	-0.78	13.46	RIKEN cDNA 1300002K09 gene
1110018F16Rik	68594	-0.78	5	RIKEN cDNA 1110018F16 gene
Lag3	16768	-0.77	6.45	lymphocyte-activation gene 3
Kctd12	239217	-0.77	9.11	potassium channel tetramerisation domain containing 12
Igsf4a	54725	-0.77	2.77	immunoglobulin superfamily, member 4A
Igh-VJ558	16061	-0.77	-4.23	immunoglobulin heavy chain (J558 family)
Hsd17b4	15488	-0.77	6.24	hydroxysteroid (17-beta) dehydrogenase 4
Cd86	12524	-0.77	10.94	CD86 antigen
Cbfa2t3h	12398	-0.77	12.79	core-binding factor, runt domain, alpha subunit 2, translocated to, 3 homolog (human)
Bcl2a1b	12045	-0.77	2.71	B-cell leukemia/lymphoma 2 related protein A1b
Avp1	69534	-0.77	5.22	arginine vasopressin-induced 1
A930004K21Rik	228564	-0.77	6.07	RIKEN cDNA A930004K21 gene
Usp12	22217	-0.76	2.51	ubiquitin specific protease 12
Tgm2	NA	-0.76	9.91	Mus musculus transglutaminase 2, C polypeptide (Tgm2), mRNA.
St14	19143	-0.76	6.97	suppression of tumorigenicity 14 (colon carcinoma)
Rassf4	NA	-0.76	6.51	Mus musculus Ras association (RalGDS/AF-6) domain family 4 (Rassf4), mRNA.
Pla2g7	27226	-0.76	7.96	phospholipase A2, group VII (platelet-activating factor acetylhydrolase, plasma)
LOC193676	193676	-0.76	7.76	hypothetical protein LOC193676
Igk-V21	16098	-0.76	-3.15	immunoglobulin kappa chain variable 21 (V21)
Blk	12229	-0.76	11.24	Bruton agammaglobulinemia tyrosine kinase
Bcl2a1d	12047	-0.76	4.23	B-cell leukemia/lymphoma 2 related protein A1d
2900046G09Rik	78408	-0.76	8.24	RIKEN cDNA 2900046G09 gene
2810048G17Rik	72691	-0.76	6.14	RIKEN cDNA 2810048G17 gene
2310009N05Rik	66943	-0.76	9.43	RIKEN cDNA 2310009N05 gene
Syk	20963	-0.75	12.09	spleen tyrosine kinase
Npc1	18145	-0.75	4.51	Niemann Pick type C1
Lair1	52855	-0.75	0.9	leukocyte-associated Ig-like receptor 1
Kira22	93969	-0.75	-0.51	killer cell lectin-like receptor subfamily A, member 22
IGHV1S132	NA	-0.75	2.1	Mus musculus clone J558.h immunoglobulin heavy chain variable region gene, partial cds.
Hpgd	15446	-0.75	3.78	hydroxyprostaglandin dehydrogenase 15 (NAD)
Gpr3	14748	-0.75	0.73	G-protein coupled receptor 3
Esam1	69524	-0.75	4.4	endothelial cell-specific adhesion molecule
Ear3	53876	-0.75	1.2	eosinophil-associated, ribonuclease A family, member 3
Dok1	13448	-0.75	2.92	docking protein 1
Btb4	72147	-0.75	5.43	BTB (POZ) domain containing 4
A530090P03Rik	320407	-0.75	5.36	RIKEN cDNA A530090P03 gene
6430402L03Rik	331474	-0.75	9.22	RIKEN cDNA 6430402L03 gene
1810037B05Rik	69169	-0.75	12.99	RIKEN cDNA 1810037B05 gene
Tnni2	21953	-0.74	10.31	troponin I, skeletal, fast 2
Syngr2	20973	-0.74	6.07	synaptogyrin 2
Samd7	75953	-0.74	3.2	sterile alpha motif domain containing 7
Rgs2	19735	-0.74	7.88	regulator of G-protein signaling 2
Pboxip1	229534	-0.74	-4.38	pre-B-cell leukemia transcription factor interacting protein 1
Nav1	215690	-0.74	8.29	neuron navigator 1
Napsa	16541	-0.74	12.31	napsin A aspartic peptidase
IGHV1S33	NA	-0.74	0.96	Mouse germline immunoglobulin V(H)II gene H13-1.
Icsbp1	15900	-0.74	4.16	interferon consensus sequence binding protein 1
Cyflp1	20430	-0.74	14.54	cytoplasmic FMR1 interacting protein 1
C330023F11Rik	109232	-0.74	7.6	RIKEN cDNA C330023F11 gene
B130050K08	224180	-0.74	8.4	hypothetical protein B130050K08
Alox5ap	11690	-0.74	6.53	arachidonate 5-lipoxygenase activating protein
6530404N21Rik	67795	-0.74	1.19	RIKEN cDNA 6530404N21 gene
1110060M21Rik	66208	-0.74	6.67	RIKEN cDNA 1110060M21 gene
Torg-V4	21638	-0.73	2.71	T-cell receptor gamma, variable 4
Snx8	231834	-0.73	6.09	sorting nexin 8
Slc2a6	227659	-0.73	10.84	solute carrier family 2 (facilitated glucose transporter), member 6
Rgl1	19731	-0.73	7.35	ral guanine nucleotide dissociation stimulator,-like 1
Mip	17357	-0.73	13.61	MARCKS-like protein
Lyn	17096	-0.73	6.32	Yamaguchi sarcoma viral (y-ves-1) oncogene homolog
Kira1	16627	-0.73	0.1	killer cell lectin-like receptor, subfamily A, member 1
Gng10	14700	-0.73	6.78	guanine nucleotide binding protein (G protein), gamma 10
Gadd45b	17873	-0.73	11.79	growth arrest and DNA-damage-inducible 45 beta
Egr2	13654	-0.73	6.59	early growth response 2
Cnr2	12802	-0.73	9.43	cannabinoid receptor 2 (macrophage)
AA960558	101476	-0.73	8.38	expressed sequence AA960558
1810054O13Rik	67893	-0.73	7.4	RIKEN cDNA 1810054O13 gene
Tnfrsf5	NA	-0.72	9.28	Mus musculus tumor necrosis factor receptor superfamily, member 5 (Tnfrsf5), mRNA.
Tmprss8	30943	-0.72	18.92	transmembrane protease, serine 8 (intestinal)
Tlr7	170743	-0.72	4.46	toll-like receptor 7
Snn	20621	-0.72	4.98	stannin
P2ry6	233571	-0.72	13.74	pyrimidergic receptor P2Y, G-protein coupled, 6
Hgfac	54426	-0.72	7.8	hepatocyte growth factor activator
Gpr126	215798	-0.72	3.68	G protein-coupled receptor 126
Egfl4	269878	-0.72	5.1	EGF-like-domain, multiple 4
D930007M16Rik	319417	-0.72	-0.86	RIKEN cDNA D930007M16 gene
Bcl2a1a	12044	-0.72	3.95	B-cell leukemia/lymphoma 2 related protein A1a
BC065078	225912	-0.72	6.29	cDNA sequence BC065078
A530023O14Rik	244183	-0.72	9.76	RIKEN cDNA A530023O14 gene
4933415L06Rik	108811	-0.72	2.49	RIKEN cDNA 4933415L06 gene
Torg-V2	21636	-0.71	-1.03	T-cell receptor gamma, variable 2
Syngr2	20973	-0.71	6.05	synaptogyrin 2
Spire1	68166	-0.71	9.62	spire homolog 1 (Drosophila)
Sh3tc1	231147	-0.71	7.63	SH3 domain and tetra-tricopeptide repeats 1
Sell	20343	-0.71	1.9	selectin, lymphocyte
Mefv	54483	-0.71	5.46	Mediterranean fever
Lair1	52855	-0.71	2.42	leukocyte-associated Ig-like receptor 1
li	16149	-0.71	0.51	Ia-associated invariant chain
Igk-V5	381777	-0.71	1.23	immunoglobulin kappa chain variable 5 (V5 family)
Icam1	15894	-0.71	10.31	intercellular adhesion molecule
Hoxa7	15404	-0.71	6.53	homeo box A7

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Hk2	15277	-0.71	9.94	hexokinase 2
Edg2	14745	-0.71	4.12	endothelial differentiation, lysophosphatidic acid G-protein-coupled receptor, 2
D130019J16Rik	320171	-0.71	-0.61	RIKEN cDNA D130019J16 gene
C230090D14	270198	-0.71	3.16	hypothetical protein C230090D14
AW742481	101013	-0.71	9.71	expressed sequence AW742481
Atbf1	11906	-0.71	8.37	AT motif binding factor 1
9930027N05Rik	NA	-0.71	7.18	Mus musculus RIKEN cDNA 9930027N05 gene (9930027N05Rik), transcript variant 1, mRNA.
5830436119Rik	319946	-0.71	-0.85	RIKEN cDNA 5830436119 gene
2410004L22Rik	76478	-0.71	5	RIKEN cDNA 2410004L22 gene
Tpd52	21985	-0.7	13.54	tumor protein D52
Shb	230126	-0.7	9.57	src homology 2 domain-containing transforming protein B
Pfk1	18647	-0.7	10.99	PFTAIRE protein kinase 1
Pfkfb3	170768	-0.7	10.55	6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase 3
Jag1	16449	-0.7	6.17	jagged 1
Il1r2	16178	-0.7	3.57	interleukin 1 receptor, type II
Ifitm3	66141	-0.7	7.12	interferon induced transmembrane protein 3
H2-Ab1	14961	-0.7	0.61	histocompatibility 2, class II antigen A, beta 1
Eif2ak4	27103	-0.7	9.45	eukaryotic translation initiation factor 2 alpha kinase 4
Dusp16	70686	-0.7	7.38	dual specificity phosphatase 16
Csen	56461	-0.7	10.31	calseinilin, presenilin binding protein, EF hand transcription factor
Cd79b	15985	-0.7	6.86	CD79B antigen
BC013667	226856	-0.7	7.7	cDNA sequence BC013667
AV216087	211896	-0.7	6.9	expressed sequence AV216087
Acvr1	11477	-0.7	2.28	activin A receptor, type 1
A230020G22Rik	NA	-0.7	4.23	Mus musculus RIKEN cDNA A230020G22 gene (A230020G22Rik), mRNA.
2900026A02Rik	243219	-0.7	11.06	RIKEN cDNA 2900026A02 gene
Stk32c	57740	-0.69	8.63	serine/threonine kinase 32C
Sh3bp2	24055	-0.69	10.02	SH3-domain binding protein 2
Scrg3	20286	-0.69	3.13	scrapie responsive gene 3
Sod1	20249	-0.69	3.92	stearyl-Coenzyme A desaturase 1
Procr	19124	-0.69	-1.84	protein C receptor, endothelial
Ppp1r14a	NA	-0.69	6.42	Mus musculus protein phosphatase 1, regulatory (inhibitor) subunit 14A (Ppp1r14a), mRNA.
Mgmt	17314	-0.69	2.13	O-6-methylguanine-DNA methyltransferase
IGKV8-21	NA	-0.69	-2.86	Mus musculus V kappa 8-21 gene, partial.
Haa0	107766	-0.69	9.12	3-hydroxyanthranilate 3,4-dioxygenase
Gga2	74105	-0.69	9.47	golgi associated, gamma adaptin ear containing, ARF binding protein 2
Dst	NA	-0.69	2.32	Mus musculus dystonin (Dst), mRNA.
Btb4	72147	-0.69	10.07	BTB (POZ) domain containing 4
Bruno4	108013	-0.69	9.02	bruno-like 4, RNA binding protein (Drosophila)
AL024069	98496	-0.69	15.99	expressed sequence AL024069
A430106J12Rik	NA	-0.69	10.93	Mus musculus RIKEN cDNA A430106J12 gene (A430106J12Rik), mRNA.
1100001119Rik	244745	-0.69	5.62	RIKEN cDNA 1100001119 gene
Zfp361	12192	-0.68	12.05	zinc finger protein 36, C3H type-like 1
Uvrug1	78610	-0.68	2.01	UV radiation resistance associated gene
Ugt1a13	394430	-0.68	10.94	UDP glycosyltransferase 1 family polypeptide A13
Slc38a2	67760	-0.68	11.84	solute carrier family 38, member 2
Relb	19698	-0.68	7.23	avian reticuloendotheliosis viral (v-rel) oncogene related B
Plac8	231507	-0.68	0.64	placenta-specific 8
Hps5	246694	-0.68	5.64	Hermansky-Pudlak syndrome 5 homolog (human)
Fcer2a	14128	-0.68	10.69	Fc receptor, IgE, low affinity II, alpha polypeptide
Dscam	13508	-0.68	15.14	Down syndrome cell adhesion molecule
Cri1	58521	-0.68	4.35	CREBBP/EP300 inhibitory protein 1
BC032935	270103	-0.68	1.87	cDNA sequence BC032935
4631426J05Rik	77590	-0.68	8.94	RIKEN cDNA 4631426J05 gene
1110012005Rik	66158	-0.68	11.37	RIKEN cDNA 1110012005 gene
Zfp238	30928	-0.67	2.17	zinc finger protein 238
Slco5a1	240726	-0.67	2.8	solute carrier organic anion transporter family, member 5A1
Sall2	50524	-0.67	7.49	sal-like 2 (Drosophila)
Ryr1	20190	-0.67	9.41	ryanodine receptor 1, skeletal muscle
Rassf4	213391	-0.67	11.33	Ras association (RalGDS/AF-6) domain family 4
LOC73899	73899	-0.67	5.75	hypothetical LOC73899
Kira21	93968	-0.67	0.77	killer cell lectin-like receptor subfamily A, member 21
Keo4	226144	-0.67	8.46	similar to Caenorhabditis elegans protein C42C1.9
Ear6	93719	-0.67	0.03	eosinophil-associated, ribonuclease A family, member 6
Ctsz	64138	-0.67	6.1	cathepsin Z
A1115600	102442	-0.67	2.93	expressed sequence A1115600
A230020G22Rik	229499	-0.67	12.35	RIKEN cDNA A230020G22 gene
2900076A13Rik	73002	-0.67	7.13	RIKEN cDNA 2900076A13 gene
Upb1	103149	-0.66	5.96	ureidopropionase, beta
Sart2	212898	-0.66	4.49	squamous cell carcinoma antigen recognized by T cells 2
Samsn1	67742	-0.66	3.18	SAM domain, SH3 domain and nuclear localisation signals, 1
Prkcd	18753	-0.66	7.27	protein kinase C, delta
Lst1	16988	-0.66	2.94	leukocyte specific transcript 1
Klrd1	16643	-0.66	1.88	killer cell lectin-like receptor, subfamily D, member 1
Il10ra	16154	-0.66	3.97	interleukin 10 receptor, alpha
Hist1h2bc	68024	-0.66	4.99	histone 1, H2bc
Gpr83	14608	-0.66	5.97	G protein-coupled receptor 83
Gkap1	56278	-0.66	5.59	G kinase anchoring protein 1
Entpd1	12495	-0.66	7.07	ectonucleoside triphosphate diphosphohydrolase 1
Ctla4	12477	-0.66	1.71	cytotoxic T-lymphocyte-associated protein 4
Cst3	13010	-0.66	5.94	cystatin C
Cd2ap	12488	-0.66	10.26	CD2-associated protein
C80638	97086	-0.66	0.98	expressed sequence C80638
C030044C12Rik	77483	-0.66	2.91	RIKEN cDNA C030044C12 gene
Aif1	11629	-0.66	2.13	allograft inflammatory factor 1
9130403I23Rik	71585	-0.66	2.56	RIKEN cDNA 9130403I23 gene
5830462O15Rik	76110	-0.66	-1.62	RIKEN cDNA 5830462O15 gene
4921501M20Rik	74039	-0.66	6.1	RIKEN cDNA 4921501M20 gene
Zfp263	74120	-0.65	5.91	zinc finger protein 263
Sumf1	58911	-0.65	10.14	sulfatase modifying factor 1
Pira5	18728	-0.65	8.41	paired-Ig-like receptor A5
Myo1b	17912	-0.65	10.42	myosin IB

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Mef2c	17260	-0.65	6.72	myocyte enhancer factor 2C
LincR	214854	-0.65	9.95	lung-inducible neuralized-related C3HC4 RING domain protein
H2-Ob	15002	-0.65	3.17	histocompatibility 2, O region beta locus
Gngt2	14710	-0.65	5.01	guanine nucleotide binding protein (G protein), gamma transducing activity polypeptide 2
Col12a1	12816	-0.65	7.64	procollagen, type XII, alpha 1
Adssl1	11565	-0.65	5.66	adenylosuccinate synthetase like 1
A930041H05Rik	77834	-0.65	3.29	RIKEN cDNA A930041H05 gene
4933431N12Rik	71310	-0.65	11.1	RIKEN cDNA 4933431N12 gene
4833418N02Rik	74597	-0.65	7.14	RIKEN cDNA 4833418N02 gene
Tnfrsf5	21939	-0.64	10	tumor necrosis factor receptor superfamily, member 5
Rnf130	59044	-0.64	13.81	ring finger protein 130
Rassf4	213391	-0.64	7.55	Ras association (RalGDS/AF-6) domain family 4
Luc7l2	192196	-0.64	0.97	LUC7-like 2 (S. cerevisiae)
IGKV8-30	NA	-0.64	-1.99	Mus musculus IgVk 8-30 gene.
Igj	16069	-0.64	-2.95	immunoglobulin joining chain
Gns	75612	-0.64	8.08	glucosamine (N-acetyl)-6-sulfatase
Ephx1	13849	-0.64	2.57	epoxide hydrolase 1, microsomal
E130014J05Rik	214133	-0.64	6.49	RIKEN cDNA E130014J05 gene
Dusp16	NA	-0.64	8.33	Mus musculus dual specificity phosphatase 16 (Dusp16), mRNA.
D4st1	72136	-0.64	4.66	dermatan 4 sulfotransferase 1
5033403D15Rik	240024	-0.64	7.48	RIKEN cDNA 5033403D15 gene
Wbscr5	56743	-0.63	8.02	Williams-Beuren syndrome chromosome region 5 homolog (human)
Tex2	21763	-0.63	2.84	testis expressed gene 2
Soat1	20652	-0.63	6.72	sterol O-acyltransferase 1
Slc30a4	22785	-0.63	-0.64	solute carrier family 30 (zinc transporter), member 4
Rgs1	50778	-0.63	6.75	regulator of G-protein signaling 1
Ptger3	NA	-0.63	3.46	Mus musculus prostaglandin E receptor 3 (subtype EP3) (Ptger3), mRNA.
Pira6	18729	-0.63	3.76	paired-Ig-like receptor A6
Pira2	18725	-0.63	10.45	paired-Ig-like receptor A2
Nfkbi2	80859	-0.63	4.56	nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor, zeta
Myadm	50918	-0.63	10.48	myeloid-associated differentiation marker
Man2b1	17159	-0.63	6.29	mannosidase 2, alpha B1
Hcph	15170	-0.63	1.8	hemopoietic cell phosphatase
Gria3	53623	-0.63	1.23	glutamate receptor, ionotropic, AMPA3 (alpha 3)
Gpr35	64095	-0.63	11.21	G protein-coupled receptor 35
Gpr34	23890	-0.63	2.66	G protein-coupled receptor 34
D17H6S56E-5	110956	-0.63	6.32	DNA segment, Chr 17, human D6S56E 5
Cox6a2	12862	-0.63	1.64	cytochrome c oxidase, subunit VI a, polypeptide 2
Cklfsf3	68119	-0.63	4.75	chemokine-like factor super family 3
Asah1	67111	-0.63	6.53	N-acylsphingosine amidohydrolase (acid ceramidase)-like
A230102O09Rik	98354	-0.63	2.48	RIKEN cDNA A230102O09 gene
4930429A08Rik	74648	-0.63	6.37	RIKEN cDNA 4930429A08 gene
4930403L05Rik	67395	-0.63	13.14	RIKEN cDNA 4930403L05 gene
4733401I05Rik	70848	-0.63	1.83	RIKEN cDNA 4733401I05 gene
2210406H18Rik	70133	-0.63	9.81	RIKEN cDNA 2210406H18 gene
Tgm2	21817	-0.62	4.73	transglutaminase 2, C polypeptide
Sox4	20677	-0.62	-0.91	SRY-box containing gene 4
Rnf13	24017	-0.62	11.55	ring finger protein 13
Ptpre	19267	-0.62	11.54	protein tyrosine phosphatase, receptor type, E
Parc	78309	-0.62	8.4	p53-associated parkin-like cytoplasmic protein
Napsa	NA	-0.62	0.4	Mus musculus napsin A aspartic peptidase (Napsa), mRNA.
Ms4a6c	73656	-0.62	7.18	membrane-spanning 4-domains, subfamily A, member 6C
Lrp1	16971	-0.62	6.56	low density lipoprotein receptor-related protein 1
Lmyc1	16918	-0.62	6.79	lung carcinoma myc related oncogene 1
Klk6	16612	-0.62	1.38	kallikrein 6
H2-Ab1	14961	-0.62	-0.44	histocompatibility 2, class II antigen A, beta 1
Gp2	67133	-0.62	7.76	glycoprotein 2 (zymogen granule membrane)
E130103117Rik	319845	-0.62	8.92	RIKEN cDNA E130103117 gene
D330017J20Rik	320609	-0.62	14.66	RIKEN cDNA D330017J20 gene
Cr2	12902	-0.62	6.79	complement receptor 2
Cdh1	12550	-0.62	-3.22	cadherin 1
Cd244	18106	-0.62	13.98	CD244 natural killer cell receptor 2B4
Cbr3	109857	-0.62	9.25	carbonyl reductase 3
Catna1	12385	-0.62	4.42	catenin alpha 1
BC027057	212937	-0.62	14.28	cDNA sequence BC027057
BC004728	207818	-0.62	8.84	cDNA sequence BC004728
Abi3	66610	-0.62	4.15	ABI gene family, member 3
Abca9	217262	-0.62	6.57	ATP-binding cassette transporter sub-family A member 9
9830005G06Rik	232414	-0.62	4.61	RIKEN cDNA 9830005G06 gene
9630007J19Rik	102493	-0.62	8.5	RIKEN cDNA 9630007J19 gene
2300003P22Rik	67855	-0.62	8.33	RIKEN cDNA 2300003P22 gene
Swap70	20947	-0.61	4.93	SWAP complex protein
Spint1	20732	-0.61	2.59	serine protease inhibitor, Kunitz type 1
Plexnb2	140570	-0.61	5.87	plexin B2
Pira3	18726	-0.61	9.13	paired-Ig-like receptor A3
Nav1	215690	-0.61	6.2	neuron navigator 1
Mtmr13	319934	-0.61	-0.26	myotubularin related protein 13
Kit	16590	-0.61	4.69	kit oncogene
Ifitm1	68713	-0.61	3.45	interferon induced transmembrane protein 1
Dusp9	75590	-0.61	2.93	dual specificity phosphatase 9
Cdkn2b	12579	-0.61	11.25	cyclin-dependent kinase inhibitor 2B (p15, inhibits CDK4)
Cr5	12774	-0.61	2.15	chemokine (C-C motif) receptor 5
BC013481	NA	-0.61	0.53	Mus musculus cDNA sequence BC013481 (BC013481), mRNA.
Adam4	11498	-0.61	8.78	a disintegrin and metalloprotease domain 4
5830456J23Rik	76105	-0.61	2.49	RIKEN cDNA 5830456J23 gene
Tusc1	69136	-0.6	11.11	tumor suppressor candidate 1
Tnfrsf19l	320100	-0.6	11.43	tumor necrosis factor receptor superfamily, member 19-like
Stx7	53331	-0.6	3.44	syntaxin 7
Soat1	20652	-0.6	3.86	sterol O-acyltransferase 1
Sgk3	170755	-0.6	4.55	serum/glucocorticoid regulated kinase 3
Rfx5	53970	-0.6	5.81	regulatory factor X, 5 (influences HLA class II expression)
Prkcb1	18751	-0.6	8.56	protein kinase C, beta 1

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Plek	56193	-0.6	10.67	pleckstrin
Pira7	18730	-0.6	7.03	paired-Ig-like receptor A7
Pglyrp1	21946	-0.6	0.93	peptidoglycan recognition protein 1
Pascin1	23969	-0.6	3.62	protein kinase C and casein kinase substrate in neurons 1
Myb	17863	-0.6	-1.08	myeloblastosis oncogene
Mmp9	17395	-0.6	2.21	matrix metalloproteinase 9
Mmd	67468	-0.6	2.12	monocyte to macrophage differentiation-associated
Malt1	240354	-0.6	3.58	mucosa associated lymphoid tissue lymphoma translocation gene 1
Lyl1	17095	-0.6	10.38	lymphoblastic leukemia
Kira17	170733	-0.6	4.14	killer cell lectin-like receptor, subfamily A, member 17
Igk-V8	384422	-0.6	-4.7	immunoglobulin kappa chain variable 8 (V8)
Gm	14824	-0.6	0.85	granulin
Gata4	14463	-0.6	5.78	GATA binding protein 4
Dfy	13349	-0.6	5.32	Duffy blood group
Chst7	60322	-0.6	5.89	carbohydrate (N-acetylglucosamino) sulfotransferase 7
BC028528	229600	-0.6	4.47	cDNA sequence BC028528
Asah1	11886	-0.6	9.6	N-acylsphingosine amidohydrolase 1
A530023O14Rik	244183	-0.6	10.02	RIKEN cDNA A530023O14 gene
A030011A13Rik	319515	-0.6	2.08	RIKEN cDNA A030011A13 gene
6530401C20Rik	231842	-0.6	9.71	RIKEN cDNA 6530401C20 gene
4631422O05Rik	78749	-0.6	5.44	RIKEN cDNA 4631422O05 gene
1810009J06Rik	73626	-0.6	9.79	RIKEN cDNA 1810009J06 gene
Tfb2m	15278	-0.59	6.46	transcription factor B2, mitochondrial
Tceal8	66684	-0.59	9.14	transcription elongation factor A (SII)-like 8
Rel	19696	-0.59	8.63	reticuloendotheliosis oncogene
Pdcd11g1	60533	-0.59	9.36	programmed cell death 1 ligand 1
Nalp10	244202	-0.59	6.1	NACHT, leucine rich repeat and PYD containing 10
Man2b1	17159	-0.59	3.87	mannosidase 2, alpha B1
LOC56304	56304	-0.59	-0.68	recombinant antineuraminidase single chain Ig VH and VL domains
L259	NA	-0.59	7.43	Mus musculus L259 (L259), mRNA.
Klk5	16622	-0.59	1.74	kallikrein 5
IGKV1-115	NA	-0.59	0.37	Mus musculus IgVκ cz1 pseudogene.
Igk-V1	16081	-0.59	3.29	immunoglobulin kappa chain variable 1 (V1)
Ifi30	NA	-0.59	3.34	Mus musculus interferon gamma inducible protein 30 (Ifi30), mRNA.
Hspa5bp1	98170	-0.59	10.92	heat shock 70kDa protein 5 binding protein 1
Fut4	14345	-0.59	7.78	fucosyltransferase 4
Entpd1	12495	-0.59	9.05	ectonucleoside triphosphate diphosphohydrolase 1
Dusp22	105352	-0.59	12.56	dual specificity phosphatase 22
Cyp4f18	72054	-0.59	5.49	cytochrome P450, family 4, subfamily f, polypeptide 18
Cyp4f16	70101	-0.59	1.5	cytochrome P450, family 4, subfamily f, polypeptide 16
A630038E17Rik	219065	-0.59	4.88	RIKEN cDNA A630038E17 gene
9530009G21Rik	320305	-0.59	3.03	RIKEN cDNA 9530009G21 gene
6720401G13Rik	103012	-0.59	1.81	RIKEN cDNA 6720401G13 gene
6330415F13Rik	70747	-0.59	5.92	RIKEN cDNA 6330415F13 gene
5730496F10Rik	70604	-0.59	4.54	RIKEN cDNA 5730496F10 gene
4930527B16Rik	75834	-0.59	4.21	RIKEN cDNA 4930527B16 gene
2810465F10Rik	78771	-0.59	4.23	RIKEN cDNA 2810465F10 gene
Hsd11b1	NA	0.59	2.55	Mus musculus hydroxysteroid 11-beta dehydrogenase 1 (Hsd11b1), mRNA.
H2-Q10	15007	0.59	1.2	histocompatibility 2, Q region locus 10
Gzmk	14945	0.59	-3.67	granzyme K
Golph2	105348	0.59	11.99	golgi phosphoprotein 2
Entpd5	12499	0.59	5.22	ectonucleoside triphosphate diphosphohydrolase 5
Eef2	NA	0.59	5.2	Mus musculus eukaryotic translation elongation factor 2 (Eef2), mRNA.
Eef2	13629	0.59	3.84	eukaryotic translation elongation factor 2
Cspg6	13006	0.59	0.56	chondroitin sulfate proteoglycan 6
Cd3z	12503	0.59	5.47	CD3 antigen, zeta polypeptide
Art4	109978	0.59	8.93	ADP-ribosyltransferase 4
A130096G17Rik	319725	0.59	1.46	RIKEN cDNA A130096G17 gene
Ubash3a	328795	0.6	1.34	ubiquitin associated and SH3 domain containing, A
Tmem23	208449	0.6	5.44	transmembrane protein 23
Prkx	19108	0.6	2.49	protein kinase, X-linked
Lrrc6	54562	0.6	-0.27	leucine rich repeat containing 6 (testis)
Gp49a	14727	0.6	6.11	glycoprotein 49 A
Cd28	NA	0.6	5.97	Mus musculus CD28 antigen (Cd28), mRNA.
Capn2	12334	0.6	5.52	calpain 2
Bcl2	NA	0.6	2.45	Mus musculus B-cell leukemia/lymphoma 2 (Bcl2), mRNA.
Vim	NA	0.61	4.69	Mus musculus vimentin (Vim), mRNA.
Vim	NA	0.61	3.69	Mus musculus vimentin (Vim), mRNA.
Vim	22352	0.61	0.36	vimentin
Stk38	106504	0.61	4.71	serine/threonine kinase 38
Slc25a24	229731	0.61	2.15	solute carrier family 25 (mitochondrial carrier, phosphate carrier), member 24
Rbl2	NA	0.61	2.84	Mus musculus retinoblastoma-like 2 (Rbl2), mRNA.
Prkx	19108	0.61	8.2	protein kinase, X-linked
Hadhsc	15107	0.61	4	L-3-hydroxyacyl-Coenzyme A dehydrogenase, short chain
Ai414495	NA	0.61	3.8	Mus musculus dickkopf-like 1 (Dkk1), mRNA.
1110032D12Rik	56334	0.61	0.8	RIKEN cDNA 1110032D12 gene
Trim10	19824	0.62	-2.37	tripartite motif protein 10
Spnb2	NA	0.62	2.97	Mus musculus spectrin beta 2 (Spnb2), transcript variant 1, mRNA.
Rasgrp1	19419	0.62	3.99	RAS guanyl releasing protein 1
Pgm2l1	70974	0.62	3.13	phosphoglucosyltransferase 2-like 1
Pdlim1	54132	0.62	3.13	PDZ and LIM domain 1 (elfin)
Eif4a2	NA	0.62	3.26	Mus musculus eukaryotic translation initiation factor 4A2 (Eif4a2), mRNA.
Dnajc6	72685	0.62	8.59	DnaJ (Hsp40) homolog, subfamily C, member 6
BC006662	223267	0.62	5.73	cDNA sequence BC006662
TRAV14D-2	NA	0.63	6.31	Mus musculus BALB/c T-cell receptor alpha chain (Va2 family) gene, exons 1 and 2, partial cds.
Nasp	NA	0.63	1.37	Mus musculus nuclear autoantigenic sperm protein (histone-binding) (Nasp), mRNA.
Lgals9	NA	0.63	5.16	Mus musculus lectin, galactose binding, soluble 9 (Lgals9), mRNA.
Il22	50929	0.63	9.86	interleukin 22
Cdc25b	12531	0.63	10.26	cell division cycle 25 homolog B (S. cerevisiae)
Btg1	12226	0.63	0.89	B-cell translocation gene 1, anti-proliferative
6330500D04Rik	193385	0.63	3.41	RIKEN cDNA 6330500D04 gene
2610027H17Rik	71811	0.63	-5.88	RIKEN cDNA 2610027H17 gene

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201002M12Rik	112419	0.63	2.49	RIKEN cDNA 201002M12 gene
Psip1	NA	0.64	2.67	Mus musculus PC4 and SFRS1 interacting protein 1 (Psip1), mRNA.
Il9r	16199	0.64	4.64	interleukin 9 receptor
Il23r	209590	0.64	12.16	interleukin 23 receptor
Capn2	12334	0.64	0.69	calpain 2
Btg1	12226	0.64	0.71	B-cell translocation gene 1, anti-proliferative
TRAV12D-3	NA	0.65	4.42	Mouse germ line TCR V-alpha F3.3 gene.
Tcrb-V8.2	21607	0.65	5.63	T-cell receptor beta, variable 8.2
Arl7	320982	0.65	9.04	ADP-ribosylation factor-like 7
2610204G22Rik	70448	0.65	5.08	RIKEN cDNA 2610204G22 gene
2310004K06Rik	NA	0.65	7.29	Mus musculus RIKEN cDNA 2310004K06 gene (2310004K06Rik), mRNA.
1110034G24Rik	73747	0.65	9.31	RIKEN cDNA 1110034G24 gene
TRBV15	NA	0.66	-0.14	Mus musculus TCR beta locus from bases 250554 to 501917 (section 2 of 3) of the complete sequence.
TRAV7D-3	NA	0.66	4.11	Mouse germline gene for T-cell receptor V-alpha 5H.
TRAV12D-2	NA	0.66	4.21	Mouse germline TCR V-alpha F3.2 gene.
Sgk	20393	0.66	4.18	serum/glucocorticoid regulated kinase
Rasa3	19414	0.66	10	RAS p21 protein activator 3
Mips5	NA	0.66	7.83	Mitochondrial 28S ribosomal protein S5 (MRP-S5).
Edg1	13609	0.66	3.13	endothelial differentiation sphingolipid G-protein-coupled receptor 1
Dnaja1	NA	0.66	1.67	Mus musculus DnaJ (Hsp40) homolog, subfamily A, member 1 (Dnaja1), mRNA.
Actr10	NA	0.66	4.41	Mus musculus ARP10 actin-related protein 10 homolog (S. cerevisiae) (Actr10), mRNA.
Slc43a1	72401	0.67	7.62	solute carrier family 43, member 1
Rasgrp1	19419	0.67	0.57	RAS guanyl releasing protein 1
Lpd	94180	0.67	12.98	lipidosin
6330500D04Rik	193385	0.67	3.06	RIKEN cDNA 6330500D04 gene
Tnfrsf19	29820	0.68	0.94	tumor necrosis factor receptor superfamily, member 19
Stat4	20849	0.68	4.76	signal transducer and activator of transcription 4
Pitpnc1	71795	0.68	4.33	phosphatidylinositol transfer protein, cytoplasmic 1
Itga4	16401	0.68	1.6	integrin alpha 4
Hivep2	15273	0.68	4.21	human immunodeficiency virus type I enhancer binding protein 2
9330161A08Rik	320112	0.68	-3.06	RIKEN cDNA 9330161A08 gene
6720435I21Rik	77734	0.68	4.04	RIKEN cDNA 6720435I21 gene
2210013M04Rik	329384	0.68	8.91	RIKEN cDNA 2210013M04 gene
Sh3kbp1	NA	0.69	5.64	Mus musculus SH3-domain kinase binding protein 1 (Sh3kbp1), mRNA.
Myo6	17920	0.69	0.93	myosin VI
IGHG1	NA	0.69	6.92	Mouse Ig germline D-J-C region alpha gene and secreted tail.
Hlf	217082	0.69	-0.1	hepatic leukemia factor
Ass1	NA	0.69	8.72	Mus musculus argininosuccinate synthetase 1 (Ass1), mRNA.
Apobec2	11811	0.69	-1.32	apolipoprotein B editing complex 2
Spnb2	NA	0.7	4.77	Mus musculus spectrin beta 2 (Spnb2), transcript variant 1, mRNA.
LOC381240	381240	0.7	5.15	similar to calcium and DAG-regulated guanine nucleotide exchange factor 1
Lef1	16842	0.7	9.27	lymphoid enhancer binding factor 1
Eef2	NA	0.7	4.54	Mus musculus eukaryotic translation elongation factor 2 (Eef2), mRNA.
Adk	NA	0.7	9.21	Mus musculus adenosine kinase (Adk), mRNA.
Vim	NA	0.71	6.09	Mus musculus vimentin (Vim), mRNA.
Nckap1	50884	0.71	4.52	NCK-associated protein 1
AW320017	103030	0.71	6.73	expressed sequence AW320017
TRAV7D-2	NA	0.72	5.12	Mus musculus T-cell receptor alpha locus BAC clone MBAC01 from 14D1-D2, complete sequence.
Scotin	NA	0.72	3.19	Mus musculus scotin gene (Scotin), mRNA.
Rnf125	67664	0.72	10.06	ring finger protein 125
Il7r	16197	0.72	11.71	interleukin 7 receptor
Hrh4	225192	0.72	8.16	histamine H4 receptor
E430024C06Rik	319443	0.72	-1.76	RIKEN cDNA E430024C06 gene
Dnajc6	72685	0.72	6.54	DnaJ (Hsp40) homolog, subfamily C, member 6
BC022645	235633	0.72	2.01	cDNA sequence BC022645
Anapc5	NA	0.72	8.91	Mus musculus anaphase-promoting complex subunit 5 (Anapc5), mRNA.
1500005K14Rik	76566	0.72	4.46	RIKEN cDNA 1500005K14 gene
Wdr12	57750	0.73	8.71	WD repeat domain 12
Rora	19883	0.73	6.13	RAR-related orphan receptor alpha
Klf2	16598	0.73	4.34	Kruppel-like factor 2 (lung)
5730469M10Rik	70564	0.73	11.66	RIKEN cDNA 5730469M10 gene
Grap2	17444	0.75	10.31	GRB2-related adaptor protein 2
Igh-4	16017	0.76	6.85	immunoglobulin heavy chain 4 (serum IgG1)
6330500D04Rik	193385	0.76	5.34	RIKEN cDNA 6330500D04 gene
4933439K08Rik	71223	0.76	2.67	RIKEN cDNA 4933439K08 gene
TRBV3	NA	0.77	4.28	Mus musculus TCR beta locus from bases 1 to 250611 (section 1 of 3) of the complete sequence.
Socs3	12702	0.77	2.8	suppressor of cytokine signaling 3
Eraf	170812	0.77	2.15	erythroid associated factor
9030406N13Rik	211329	0.77	4.58	RIKEN cDNA 9030406N13 gene
Il18r1	16182	0.78	3.71	interleukin 18 receptor 1
Sh3kbp1	58194	0.79	5.52	SH3-domain kinase binding protein 1
Crip1	12925	0.79	8.37	cysteine-rich protein 1 (intestinal)
Vim	NA	0.8	8.82	Mus musculus vimentin (Vim), mRNA.
Vim	NA	0.8	8.6	Mus musculus vimentin (Vim), mRNA.
TRBV26	NA	0.8	3.09	Mouse T-cell receptor beta-chain germline V-region gene.
Sytl3	83672	0.8	7.75	synaptotagmin-like 3
Smc4l1	70099	0.8	3.85	SMC4 structural maintenance of chromosomes 4-like 1 (yeast)
Cd96	84544	0.8	6.27	CD96 antigen
Rnf125	67664	0.81	6.4	ring finger protein 125
Ltb4r1	16995	0.81	13.05	leukotriene B4 receptor 1
Vim	NA	0.82	7.08	Mus musculus vimentin (Vim), mRNA.
Slc16a5	217316	0.83	8.92	solute carrier family 16 (monocarboxylic acid transporters), member 5
Glpr2	384009	0.83	7.81	GLI pathogenesis-related 2
Capn2	12334	0.83	7.78	calpain 2
Atp10a	11982	0.83	6.56	ATPase, class V, type 10A
Il7r	16197	0.84	7.44	interleukin 7 receptor
Eif4g2	NA	0.84	0.92	Mus musculus eukaryotic translation initiation factor 4, gamma 2 (Eif4g2), mRNA.
A130092J06Rik	241303	0.84	5.57	RIKEN cDNA A130092J06 gene
1200015M12Rik	71739	0.85	8.2	RIKEN cDNA 1200015M12 gene
Prss12	19142	0.86	17.38	protease, serine, 12 neurotrypsin (motopsin)
Ifit1	15957	0.87	-1.98	interferon-induced protein with tetratricopeptide repeats 1
Tcrim	77647	0.88	9.39	T-cell receptor interacting molecule

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Mal	17153	0.88	6.12	myelin and lymphocyte protein, T-cell differentiation protein
Atp1b3	11933	0.88	13	ATPase, Na ⁺ /K ⁺ transporting, beta 3 polypeptide
Lef1	16842	0.89	6.54	lymphoid enhancer binding factor 1
Kih16	239743	0.9	5.3	kelch-like 6 (Drosophila)
Il1r1	16177	0.94	6.24	interleukin 1 receptor, type I
Tcrb-J	21580	0.95	11.85	T-cell receptor beta, joining region
2610019F03Rik	72148	0.95	17.81	RIKEN cDNA 2610019F03 gene
TRBV31	NA	0.96	9.47	Mouse germline T-cell receptor V-beta 14 gene segment 10 kb 3' to C-beta 2 gene.
Trib2	217410	0.98	15.66	tribbles homolog 2 (Drosophila)
Tcf7	21414	0.98	11.15	transcription factor 7, T-cell specific
Slc22a4	30805	0.98	6.33	solute carrier family 22 (organic cation transporter), member 4
AI661017	213068	0.98	13.84	expressed sequence AI661017
1110060I01Rik	66207	0.98	6.78	RIKEN cDNA 1110060I01 gene
TRBV6	NA	1.01	8.56	Mus musculus TCR beta locus from bases 1 to 250611 (section 1 of 3) of the complete sequence.
Il17re	57890	1.01	19.4	interleukin 17 receptor E
2610304F08Rik	70468	1.02	3.54	RIKEN cDNA 2610304F08 gene
E430004N04Rik	210757	1.05	12.42	RIKEN cDNA E430004N04 gene
TRBV1	NA	1.06	5.12	Mus musculus TCR beta locus from bases 1 to 250611 (section 1 of 3) of the complete sequence.
Dnajd1	66148	1.06	6.53	DnaJ (Hsp40) homolog, subfamily D, member 1
1810045K07Rik	NA	1.06	12	Mus musculus RIKEN cDNA 1810045K07 gene (1810045K07Rik), mRNA.
Actn2	11472	1.08	16.34	actinin alpha 2
Ggt1	14598	1.1	3.92	gamma-glutamyltransferase 1
Nsg2	18197	1.11	8.84	neuron specific gene family member 2
5830431A10Rik	76024	1.13	8.73	RIKEN cDNA 5830431A10 gene
Pparg	19016	1.17	12.8	peroxisome proliferator activated receptor gamma
C030046M14Rik	NA	1.18	12.04	Mus musculus RIKEN cDNA C030046M14 gene (C030046M14Rik), mRNA.
Morc	17450	1.2	14.59	microorchidia
Cpm	70574	1.22	8.28	carboxypeptidase M
Ptgir	19222	1.28	14.74	prostaglandin I receptor (IP)
Speer6-ps1	73266	1.34	11.56	spermatogenesis associated glutamate (E)-rich protein 6, pseudogene 1
Tcrim	77647	1.38	15.7	T-cell receptor interacting molecule
Gzma	14938	1.42	-1.07	granzyme A
Pdlim4	30794	1.44	15.11	PDZ and LIM domain 4
Emp1	13730	1.68	12.36	epithelial membrane protein 1
Speer1-ps1	70896	1.77	21.13	spermatogenesis associated glutamate (E)-rich protein 1, pseudogene 1