

Accession Number	Gene Name	Gene Symbol	Mean Expression TOL (+MR1)	Mean Expression CTRL (-MR1)
BG063440	Acid phosphatase 5, tartrate resistant	Acp5	5.09	4.94
AV133617	Aminolevulinic acid synthase 2, erythroid	Alas2	7.67	7.30
BG073939	RIKEN cDNA E030003E18 gene	Aldh1a1	3.58	3.28
AI840874	Rho GTPase activating protein 15	Arhgap15	3.82	3.94
BG071560	Rho GTPase activating protein 9	Arhgap9	3.88	3.73
AV025023	Rho guanine nucleotide exchange factor (GEF) 3	Arhgef3	3.18	3.52
AV015964	CDNA sequence AY078069	AY078069	3.35	3.11
L16462	B-cell leukemia/lymphoma 2 related protein A1d	Bcl2a1a	3.63	4.26
NM_007534	B-cell leukemia/lymphoma 2 related protein A1b	Bcl2a1b	4.26	4.66
AV157315	Bone morphogenetic protein receptor, type 1A	Bmpr1a	3.77	4.17
BG075021	2,3-bisphosphoglycerate mutase	Bpgm	6.85	6.49
BG074814	Complement component 1, q subcomponent, alpha polypeptide	C1qa	3.67	3.85
AV005185	Carbonic anhydrase 1	Car1	5.97	5.92
AV001054	Carbonic anhydrase 2	Car2	7.22	7.59
AV108952	RIKEN cDNA A130074J08 gene	Casp8ap2	3.60	3.67
C75991	Chromobox homolog 5 (Drosophila HP1a)	Cbx5	6.48	7.11
AI120264	Chemokine (C-C motif) ligand 5	Ccl5	4.13	4.09
AV069683	Chemokine (C-C motif) ligand 6	Ccl6	4.21	4.31
AA289476	Chemokine (C-C motif) receptor 2	Ccr2	5.57	5.88
AV104464	CD24a antigen	Cd24a	5.20	4.72
AV087001	CD53 antigen	Cd53	3.32	3.65
AJ245551	CD83 antigen	Cd83	5.72	6.33
AV025617	CD97 antigen	Cd97	3.07	3.44
BG073081	Expressed sequence AU017263	Ches1	4.41	4.78
AV103557	Claudin 13	Cldn13	4.03	3.68
AV040714	C-type lectin domain family 4, member n	Clecsf10	3.42	3.54
AV171076	Procollagen, type III, alpha 1	Col3a1	7.52	7.01
BB013568	CAMP responsive element modulator	Crem	3.82	3.21
AV035023	Cytotoxic T lymphocyte-associated protein 2 beta	Ctla2a	3.96	3.73
AA124827	Cytotoxic T-lymphocyte-associated protein 4	Ctla4	6.03	5.23
BG067559	Cathepsin C	Ctsc	3.44	3.76
AV078555	Cathepsin H	Ctsh	4.15	4.88
AW105997	Cytochrome b-245, beta polypeptide	Cybb	3.04	4.01
AV108119	RIKEN cDNA D130073L02 gene	D130073L02Rik	3.62	3.84
AV094491	DNA segment, Chr 19, ERATO Doi 678, expressed	D19Ert678e	3.40	3.37
BG070519	Decay accelerating factor 1	Daf1	3.05	4.40
AA061283	Diacylglycerol kinase, alpha	Dgka	3.76	3.90
BG075529	Deltex 1 homolog (Drosophila)	Dtx1	3.18	3.35
AA145076	Endothelial differentiation sphingolipid G-protein-coupled receptor 1	Edg1	4.20	4.24
AV081616	Endothelial differentiation, G-protein-coupled receptor 6	Edg6	4.22	3.50
AV001016	RIKEN cDNA 1700029K24 gene	Eno3	3.07	3.73
AA198303	Eph receptor A3	Epha3	5.15	4.72
AV089976	Epithelial stromal interaction 1 (breast)	Epsti1	3.98	3.90
BG072728	Erythroid associated factor	Eraf	5.03	4.82
AV105115	Erythroblast membrane-associated protein	Ermap	5.68	5.48
BG065072	E26 avian leukemia oncogene 1, 5' domain	Ets1	3.53	3.27
AV055705	Ferrochelatase	Fech	4.68	4.23
AV084805	Fibroblast growth factor binding protein 1	Fgfbp1	6.17	5.79
BG073713	Friend leukemia integration 1	Fli1	3.96	3.49
AV105246	Group specific component	Gc	4.10	3.50
AV053148	Glycine C-acetyltransferase (2-amino-3-ketobutyrate-coenzyme A ligase)	Gcat	3.91	3.93

BG070262	Guanine deaminase	Gda	4.58	4.01
BG069645	GTPase, IMAP family member 4	Gimap4	5.98	5.87
AV103103	Guanine nucleotide binding protein, alpha inhibiting 2	Gnai2	3.68	3.41
AV107769	Golgi phosphoprotein 3	Golph3	7.15	6.06
BG076244	Glutamate oxaloacetate transaminase 2, mitochondrial	Got2	4.27	4.29
AV009257	G protein-coupled receptor 155	Gpr155	8.48	8.13
AV063588	Guanylate cyclase activator 2a (guanylin)	Guca2a	3.93	3.92
AV104537	Glycophorin A	Gypa	4.93	5.21
AI122257	Granzyme A	Gzma	6.47	6.08
AA183327	Granzyme B	Gzmb	4.80	4.89
AV086906	Histocompatibility 2, class II antigen A, alpha	H2-Aa	7.23	7.26
AV078152	Response to metastatic cancers 1	H2-Ab1	4.88	5.59
BG063553	Histocompatibility 2, class II antigen E beta	H2-Eb1	6.20	6.66
AA163737	Histocompatibility 2, O region beta locus	H2-Ob	5.01	5.52
BG073608	Hemoglobin alpha, adult chain 1	Hba-a1	8.68	9.08
BG072639	Hemoglobin Z, beta-like embryonic chain	Hbb-bh1	9.08	9.13
AI851055	HESB like domain containing 2	Hbld2	4.31	3.55
BG072171	Histidine decarboxylase	Hdc	4.59	4.26
AA590440	High mobility group box 2	Hmgb2	3.08	3.08
AV034754	Hydroxysteroid 11-beta dehydrogenase 1	Hsd11b1	3.31	3.79
M28621	Interferon gamma	Iifng	3.84	4.27
AV074733	Immunoglobulin heavy chain 4 (serum IgG1)	Igh-6	6.55	7.24
AV081660	Immunoglobulin heavy chain (J558 family)	Igh-VJ558	6.74	8.05
AV060304	Immunoglobulin lambda chain, variable 1	Igl-V1	5.62	6.63
BG074640	Interleukin 10 receptor, alpha	Il10ra	3.20	3.72
M15131	Interleukin 1 beta	Il1b	4.30	3.88
NM_010555	Interleukin 1 receptor, type II	Il1r2	3.34	4.15
AV058138	Interleukin 2 receptor, beta chain	Il2rb	5.76	5.33
AA124794	Interleukin 7 receptor	Il7r	5.74	5.51
BG072206	Interferon-stimulated protein	Isg20	4.27	3.89
BG064385	Potassium channel tetramerisation domain containing 12	Kctd12	3.08	3.33
AV009514	Kinesin family member 21B	Kif21b	7.89	7.48
BG074507	Kit oncogene	Kit	4.26	3.12
AV104539	Kruppel-like factor 1 (erythroid)	Klf1	3.93	4.06
AV000480	Kynurenine 3-monooxygenase (kynurenine 3-hydroxylase)	Kmo	3.19	3.97
AA967233	Lysosomal membrane glycoprotein 2	Lamp2	6.71	6.67
AV008822	Lymphocyte protein tyrosine kinase	Lck	4.31	3.96
AI851058	Similar to calcium and DAG-regulated guanine nucleotide exchange factor I	LOC381240	5.57	5.49
AV140426	Similar to heterogeneous nuclear ribonucleoprotein A3	LOC433686	6.64	6.44
BG076169	Similar to DKFZp434C184 protein	LOC433760	5.21	3.93
AV052672	Lymphocyte specific 1	Lsp1	4.03	4.22
AV086706	Lymphocyte antigen 6 complex, locus D	Ly6d	3.18	3.78
AV013518	Max dimerization protein	Mad	3.46	3.45
BG065560	Mastermind like 1 (Drosophila)	Maml1	3.22	3.12
BG071488	Makorin, ring finger protein, 1	Mkrn1	5.48	4.70
AV015813	Membrane-spanning 4-domains, subfamily A, member 6B	Ms4a6b	7.16	7.45
BI076713	MutS homolog 4 (E. coli)	Msh4	8.78	8.31
AV018521	Neutrophilic granule protein	Ngp	4.36	4.45
AV103612	Natural killer cell group 7 sequence	Nkg7	4.56	3.21
AV005025	Neuron specific gene family member 2	Nsg2	6.50	6.01
AV105208	5'-nucleotidase, cytosolic III	Nt5c3	7.21	6.86
AA690177	RIKEN cDNA C630044B11 gene	Ntrk2	3.95	3.88
AA163154	Olfactory receptor 56	Olfir56	4.00	4.17
AA059746	Peptidylglycine alpha-amidating monooxygenase	Pam	4.71	4.64
AV103696	Progesterin and adipoQ receptor family member IX	Paqr9	4.72	4.23

BG073264	Prenylcysteine oxidase 1	Pcyox1	6.86	6.24
AV037968	Pyridoxal (pyridoxine, vitamin B6) phosphatase	Pdpx	4.79	4.78
AV081072	Phospholipase A2, activating protein	Plaa	5.20	4.54
AV020075	Phospholipase C-like 2	Plcl2	3.46	3.15
AV106633	Peptidylprolyl isomerase (cyclophilin)-like 3	Ppil3	3.73	3.57
AI327055	Proteoglycan 1, secretory granule	Prg1	4.31	4.56
AV133757	Protein-kinase, interferon-inducible double stranded RNA dependent inhibitor, repressor of (P58 repressor)	Prkrir	3.89	3.65
AV007905	Protease, serine, 19 (neuropsin)	Prss19	4.30	4.19
AV053670	Pleckstrin homology, Sec7 and coiled-coil domains, binding protein	Pscdbp	3.72	3.63
AV036018	Pregnancy specific glycoprotein pseudogene 1	Psg-ps1	4.82	3.71
BG070554	Protein tyrosine phosphatase 4a3	Ptp4a3	3.67	3.40
AV074162	PYD and CARD domain containing	Pycard	3.04	3.31
BG068533	Regulator of G-protein signaling 2	Rgs2	3.33	3.23
AV104361	Rhesus blood group CE and D	Rhced	4.49	4.84
AV104476	Radical S-adenosyl methionine domain containing 2	Rsad2	6.02	5.15
AA217218	S100 calcium binding protein A13	S100a13	4.94	4.70
AV103776	S100 calcium binding protein A8 (calgranulin A)	S100a8	3.61	4.40
BG072801	S100 calcium binding protein A9 (calgranulin B)	S100a9	7.49	7.47
BG065579	Special AT-rich sequence binding protein 1	Satb1	6.13	5.76
AV006246	SEC14-like 1 (S. cerevisiae)	Sec14i1	5.06	5.22
BG070861	Selectin, platelet (p-selectin) ligand	Selpl	4.89	4.70
AV006314	Sestrin 1	Sesn1	5.62	5.89
AI854106	SH2 domain containing 3C	Sh2d3c	3.17	3.04
BG063999	Solute carrier family 28 (sodium-coupled nucleoside transporter), member 2	Slc28a2	3.83	3.50
AV104264	Solute carrier family 38, member 5	Slc38a5	4.01	4.38
BG073961	Solute carrier family 4 (anion exchanger), member 1	Slc4a1	7.48	7.33
AA145236	Sphingomyelin phosphodiesterase, acid-like 3A	Smpdl3a	4.06	3.97
AV103916	Synuclein, alpha	Snca	6.98	6.95
AA408197	Signal transducer and activator of transcription 1	Stat1	3.42	3.50
BG064688	Serine/threonine kinase 17b (apoptosis-inducing)	Stk17b	3.63	3.71
AV020081	T-cell receptor beta, variable 13	Tcrb-V13	4.59	4.59
AA175527	Tumor necrosis factor receptor superfamily, member 5	Tnfrsf5	4.29	5.27
AA153731	Tumor necrosis factor receptor superfamily, member 7	Tnfrsf7	4.69	4.26
BG064103	Tnf receptor-associated factor 1	Traf1	3.16	3.17
AI841326	Transferrin	Trf	4.12	4.31
AV089245	RIKEN cDNA A430102O06 gene	Trim12	4.29	4.39
BG071346	Tripartite motif protein 34	Trim34	4.56	5.02
AV108402	Tumor suppressing subtransferable candidate 1	Tssc1	4.77	4.93
AV157436	Transthyretin	Ttr	3.07	3.28
AV171034	Tubulin, beta 3	Tubb3	3.72	4.36
AA060628	Ubiquitin-conjugating enzyme E2L 6	Ube2l6	4.22	3.97
AA161821	Pre-B lymphocyte gene 3	Vpreb3	3.22	3.54
AV006208	Tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, epsilon polypeptide	Ywhae	5.63	5.68
BG069591	RIKEN cDNA 0610025L06 gene	0610025L06Rik	3.47	3.41
AV085692	RIKEN cDNA 1100001H23 gene	1100001H23Rik	3.25	4.13
AV061717	RIKEN cDNA 1110002M09 gene	1110002M09Rik	4.96	4.68
AI841298	RIKEN cDNA 1500031H04 gene	1500031H04Rik	4.27	3.96
BG075562	RIKEN cDNA 1700091G21 gene	1700091G21Rik	3.55	3.49
AV059876	RIKEN cDNA 1810037B05 gene	1810037B05Rik	4.33	4.40
AV060417	TBC1 domain family, member 10c	1810062O14Rik	4.02	4.07
AV107747	RIKEN cDNA 2010000I03 gene	2010000I03Rik	3.04	3.05
AV087676	RIKEN cDNA 2310032F03 gene	2310032F03Rik	3.43	3.09
AV091093	RIKEN cDNA 2310042E22 gene	2310042E22Rik	3.78	3.90
AV109006	RIKEN cDNA 2510049I19 gene	2510049I19Rik	6.49	5.98

BG065819	RIKEN cDNA 2610019F03 gene	2610019F03Rik	5.28	3.33
AV106254	RIKEN cDNA 2700085E05 gene	2700085E05Rik	5.32	4.65
BG071605	RIKEN cDNA 2810453I06 gene	2810453I06Rik	5.79	5.25
AA003827	RIKEN cDNA 4921504P13 gene	4921504P13Rik	4.58	3.53
AV032877	RIKEN cDNA 4930523C07 gene	4930523C07Rik	3.52	3.11
BG071256	RIKEN cDNA 5730469M10 gene	5730469M10Rik	5.40	4.55
AW556900	RIKEN cDNA 5730593F17 gene	5730593F17Rik	3.40	3.41
BG063776	RIKEN cDNA 6330406L22 gene	6330406L22Rik	3.53	3.52