

Accession Number	Gene Name	Gene Symbol	Mean Expression TOL (+MR1)	Mean Expression CTRL (-MR1)
Cell cycle, cell growth				
AV006366	Transducer of ERBB2, 2	Tob2	1.10	-0.21
U81451	Estrogen receptor 2 (beta)	Esr2	0.56	-0.66
AI327095	Neuroblastoma, suppression of tumorigenicity 1	Nbl1	-2.97	-4.13
AV069067	Cell growth regulator with EF hand domain 1	Cgref1	-0.07	-1.18
NM_007956	Estrogen receptor 1 (alpha)	Esr1	0.55	-0.53
AI836990	Pituitary tumor-transforming 1	Pttg1	0.75	-0.25
Immune response				
J03783	Interleukin 6	Il6	0.14	-1.18
AV033738	CD59a antigen	Cd59a	1.23	-0.06
BB033108	Guanylate nucleotide binding protein 1	Gbp1	-0.28	-1.56
AA023592	Tumor-associated calcium signal transducer 2	Tacstd2	1.39	0.24
AV041212	Immunoglobulin superfamily, member 3	Igsf3	1.21	0.07
AV015435	Chemokine (C motif) ligand 1	Xcl1	3.50	2.44
Ion binding				
AV088650	Phospholipase A2, group IB, pancreas	Pla2g1b	1.26	-0.41
BG068505	Sciellin	Scel	0.72	-0.29
Membrane				
AA030070	Transmembrane 4 superfamily member 9	Tm4sf9	1.63	0.31
AV078126	ELOVL family member 7, elongation of long chain fatty acids (yeast)	Elov17	0.71	-0.46
AV048217	Receptor (calcitonin) activity modifying protein 1	Ramp1	1.01	-0.13
AA023493	Transmembrane protein with EGF-like and two follistatin-like domains 1	Tmeff1	-2.04	-3.13
AV043458	DnaJ (Hsp40) homolog, subfamily C, member 5 beta	Dnajc5b	1.01	-0.02
Metabolism				
BG069483	Adiponectin receptor 1	Adipor1	2.93	0.92
BG071664	Serine/threonine kinase 24 (STE20 homolog, yeast)	Stk24	1.64	0.11
BG068078	Cysteine dioxygenase 1, cytosolic	Cdo1	1.07	-0.14
AV086000	Aldehyde dehydrogenase family 3, subfamily A1	Aldh3a1	-1.96	-3.10
AV094499	Myo-inositol 1-phosphate synthase A1	Isyna1	3.09	1.99
AV035504	Homogentisate 1, 2-dioxygenase	Hgd	0.90	-0.11
AV036103	Glutathione peroxidase 7	Gpx7	0.57	-0.44
Nucleus				
AI840760	RNA binding motif protein 9	Rbm9	-1.57	-3.22
AV114032	Breast carcinoma amplified sequence 3	Bcas3	1.54	0.51
Protein modification				
BG063607	Serine (or cysteine) proteinase inhibitor, clade B, member 9b	Serpinb9b	0.86	-0.62
AA152808	Serine/threonine kinase 39, STE20/SPS1 homolog (yeast)	Stk39	1.10	-0.26
AV032732	Ubiquitin carboxy-terminal hydrolase L1	Uchl1	0.61	-0.72
AW548360	F-box and leucine-rich repeat protein 7	Fbx17	0.58	-0.62
AV041151	DnaJ (Hsp40) homolog, subfamily B, member 8	Dnajb8	1.41	0.31
Signal transduction				
BG069262	Amyloid beta (A4) precursor protein-binding, family B, member 2	Apbb2	0.02	-1.28
BG067838	Suppressor of cytokine signaling 7	Socs7	0.59	-0.68
AV040149	Dual specificity phosphatase 24 (putative)	Dusp24	0.93	-0.25
AV061251	Islet amyloid polypeptide	Iapp	0.60	-0.52

Structural

BG066108	Mitochondrial ribosomal protein L49	Mrpl49	1.32	-1.31
AV012366	Procollagen, type VI, alpha 3	Col6a3	-2.84	-5.35
AV037622	Fibrinogen, alpha polypeptide	Fga	1.85	0.64
AV006132	Procollagen, type XV	Col15a1	0.73	-0.37
BG067360	Activity regulated cytoskeletal-associated protein	Arc	0.55	-0.46

Transcription, translation

BG074279	Ankyrin repeat domain 10	Ankrd10	2.89	0.85
NM_008601	Microphthalmia-associated transcription factor	Mitf	2.25	0.49
AV134878	Inhibitor of growth family, member 1-like	Ing1l	0.80	-0.62
AI839271	Heat shock factor binding protein 1	Hsbp1	1.05	-0.24
AV006196	Eukaryotic translation elongation factor 1 alpha 2	Eef1a2	1.03	-0.15
AV078332	LIM domain binding 2	Ldb2	0.48	-0.68
AU015927	General transcription factor III C 1	Gtf3c1	-2.71	-3.86
BG063389	Processing of precursor 1, ribonuclease P/MRP family, (<i>S. cerevisiae</i>)	Pop1	-0.25	-1.29

Transport

BG068601	Clathrin, light polypeptide (Lca)	Cltc	1.35	-1.03
AI838973	Cellular retinoic acid binding protein II	Crabp2	0.70	-0.63
AV253834	Potassium voltage-gated channel, shaker-related subfamily, beta member 2	Kcnab2	2.36	1.11
AV001270	Solute carrier family 34 (sodium phosphate), member 1	Slc34a1	0.57	-0.62
BE292615	Vesicle-associated membrane protein 1	Vamp1	0.92	-0.19
BG072581	Glycosylphosphatidylinositol specific phospholipase D1	Gpld1	1.04	0.02

Others

AV006110	Williams-Beuren syndrome chromosome region 16 homolog (human)	Wbscr16	0.51	-1.58
BG069724	Amyotrophic lateral sclerosis 2 (juvenile) chromosome region, candidate 13	Als2cr13	0.86	-0.46
AU045206	Cordon-bleu	Cobl	-0.05	-1.21
AV046974	Stimulated by retinoic acid gene 8	Stra8	1.92	0.77
AV006161	START domain containing 8	Stard8	0.96	-0.19
AV036018	Pregnancy specific glycoprotein pseudogene 1	Psg-ps1	4.82	3.71