

a)	Mean ratio				Gene symbol	Comment
	-1.0	0.0	0.0	1.0		
	655	657	659	671	ArrayTAG ID	
3.72					MG-3-169b8	Rbm11 RNA binding motif protein 11
3.73					MG-3-52a20	Ap1gbp1 AP1 gamma subunit binding protein 1
3.99					MG-8-117f2	Comm3d COMM domain containing 3
4.22					MG-8-1m3	Ass1 Argininosuccinate synthetase 1
4.33					MG-3-23c1	Jub Ajuba
4.44					MG-6-29i19	Odz4 Odd Oz/ten-m homolog 4
4.49					MG-6-92i20	Ugog11 UDP-glucose ceramide glucosyltransferase-like 1
4.62					MG-6-28n4	CR515399
4.67					MG-8-117d3	Hdlbp High density lipoprotein (HDL) binding protein
4.81					MG-14-129e10	BX638808
5.07					MG-8-117f15	Pdlim4 PDZ and LIM domain 4
6.60					MG-8-117d11	Glul glutamate-ammonia ligase
7.38					MG-8-118g23	CR522214
-5.64					MG-4-86f7	Hb2-a2 hemoglobin alpha, adult chain 2
-4.86					MG-15-96a15	Gorasp1 golgi reassembly stacking protein 1
-4.56					MG-4-3k1	Hba-a1 Hemoglobin alpha, adult chain 1
-4.48					MG-4-148e12	Hba-2a hemoglobin alpha, adult chain 2
-4.40					MG-3-12j20	Ubc Ubiquitin C
-4.24					MG-13-3c23	Rbm3 RNA binding motif protein 3
-4.22					MG-3-25i1i4	Sparc Secreted acidic cysteine rich glycoprotein
-4.20					MG-6-25k12	Atp2b2 ATPase, Ca++ transporting, plasma membrane 2
-4.11					MG-4-148e19	Cdca8 Cell division cycle associated 8
-4.07					MG-4-145f7	Scl43a2 solute carrier family 43, member 2
-3.96					MG-4-148e3	Hba-a1 Hemoglobin alpha, adult chain 1
-3.86					MG-6-3d7	Wdr22 WD repeat domain 22
-3.84					FBx32	F-box only protein 32
-3.78					MG-4-4h13	Grip1 glycine/arginine rich protein 1
-3.73					MG-8-13m24	Eef2 Eukaryotic translation elongation factor 2
-3.73					MG-8-86g2	111001716Rik
-3.72					MG-15-136d2	Hps6 Hermansky-Pudlak syndrome 6
-3.71					MG-15-21a11	Rhob Ras homolog gene family, member B
-3.66					MG-8-40d4	Hba-a1 Hemoglobin alpha, adult chain 1
-3.65					MG-12-228k24	Eif3s8 Eukaryotic translation initiation factor 3, subunit 8
-3.64					MG-12-147c15	Lamr1 Laminin receptor 1
-3.61					MG-4-3k8	130001805Rik
-3.61					MG-4-147o3	Hba-a1 Hemoglobin alpha, adult chain 1
-3.59					MG-4-2e20	Hba-a1 Hemoglobin alpha, adult chain 1
-3.52					MG-16-239p7	Actr3 ARP3 actin-related protein 3 homolog
-3.49					MG-11-1e9	Ttr Transthyretin
-3.48					MG-13-4p13	Rps15 Ribosomal protein S15
-3.46					MG-14-107i21	Apg12l Autophagy 12-like
-3.44					MG-8-51k21	Krt1-16 Keratin complex 1, acidic, gene 16
-3.43					MG-3-69i14	Mkml1 Makorin, ring finger protein, 1
-3.42					MG-4-145i14	Actr3 ARP3 actin-related protein 3 homolog
-3.36					MG-15-131g17	Spard1 SPARC-like 1
-3.32					MG-6-70n16	Ncalr1 Neurexin-like 1
-3.31					MG-6-47j7	Kcna1 Potassium voltage-gated channel
-3.28					MG-3-136g8	Actg1 actin, gamma, cytoplasmic 1
-3.28					MG-3-45k11	H3f3b H3 histone, family 3B
-3.26					MG-16-235h23	Sfrs5 Splicing factor, arginine/serine-rich 5
-3.25					MG-14-103c17	Cttr1 Corticotropin releasing hormone receptor 1
-3.23					Fos	FBJ osteosarcoma related oncogene
-3.20					MG-8-35o20	Rpl4 Ribosomal protein L4
-3.20					MG-4-145i12	Hba-a1 Hemoglobin alpha, adult chain 1
-3.18					MG-14-129i18	Ier3p1 immediate early response 3 interacting protein 1
-3.18					MG-6-23e8	6720456B07Rik
-3.18					MG-6-4f14	Uba52 Ubiquitin A-52 residue ribosomal protein product 1
-3.17					MG-26-276o2	Aldoa Aldolase 1, A isoform
-3.17					Serpine1	serine peptidase inhibitor, clade E, member 1
-3.16					MG-3-102p7	Eif4a2 Eukaryotic translation initiation factor 4A2
-3.16					MG-14-29j24	Ubi5 Ubiquitin-like 5
-3.16					MG-8-118i19	Got2 Glutamate oxaloacetate transaminase 2
-3.14					Adcyap1r1	Adenylyl cyclase activating polypeptide 1
-3.13					MG-6-26k12	Sic29a1 Solute carrier family 29, member 1
-3.13					MG-16-78n13	Fkbp1a FK506 binding protein 1a
-3.12					MG-14-39i16	Adra2a Adrenergic receptor, alpha 2a
-3.11					MG-4-148d10	Tysnd1 Trypsin domain containing 1
-3.10					MG-3-45c6	Nsg1 Neuron specific gene family member 1
-3.07					MG-6-23g12	Vamp2 Vesicle-associated membrane protein 2
-3.07					MG-15-133g11	Pgrmc1 Progesterone receptor membrane component 1
-3.06					MG-6-30h12	Gnaq Guanine nucleotide binding protein, alpha q
-3.04					MG-6-3o4	Fbxw7 F-box and WD-40 domain protein 7
-3.04					MG-3-92f15	BC031181
-3.03					MG-14-62p24	Cyfp2 cytoplasmic FMR1 interacting protein 2
-3.03					MG-6-4a18	Mt3 Metallothionein 3
-3.01					MG-6-65c15	Oxct1 3-oxoacid CoA transferase 1
-3.00					MG-8-56a10	Tmem15 Transmembrane protein 15
-2.97					MG-4-148n10	BX639812
-2.97					MG-6-2d7	Fkbp3 FK506 binding protein 3
-2.96					MG-6-49n24	Sic6a7 Solute carrier family 6, member 7
-2.96					Birc4	Baculoviral IAP repeat-containing 4
-2.95					MG-8-68o23	Sca10 Spinocerebellar ataxia 10 homolog
-2.94					MG-6-3o20	Syt1 Synaptotagmin 1
-2.94					MG-3-14d5	Eef1a1 Eukaryotic translation elongation factor 1 alpha 1
-2.94					MG-16-41a6	Tuba2 Tubulin, alpha 2
-2.91					MG-16-113k22	Rpl14 Ribosomal protein L14
-2.91					Il7r	interleukin 7 receptor
-2.90					MG-3-98g16	Stk35 Serine/threonine kinase 35
-2.90					MG-3-75o23	Tsc22d1 TSC22 domain family, member 1
-2.89					MG-6-71i24	Atp6ap1 ATPase, H+ transporting
-2.89					MG-8-71j2	Nup155 Nucleoporin 155
-2.88					MG-3-9d12	Arpp19 cAMP-regulated phosphoprotein 19
-2.87					MG-3-24p8	Cct8 Chaperonin subunit 8

b)	Mean ratio				Gene symbol	Comment
	-1.0	0.0	0.0	1.0		
	655	657	659	671	ArrayTAG ID	
-3.46					MG-4-145i12	Hba-a1 Hemoglobin alpha, adult chain 1
-3.30					MG-68-143i7	CR518113
-2.67					MG-14-3i19	Pgm2 Phosphoglucomutase 2
-2.64					MG-13-32i8	Rbm2 RNA binding motif, interacting protein 2
-2.59					MG-4-146i20	Ctptm1 Cleft lip-associated transmembrane 1
-2.58					MG-13-32k20	Ankrd1 Ankyrin repeat domain 1
-2.57					MG-8-17b4	Tnnc1 Troponin C
-2.46					MG-8-86g2	111001716Rik
-2.35					MG-8-64o9	Calm3 Calmodulin 3
-2.22					MG-8-42b9	H3f3a H3 histone, family 3A
-2.21					MG-4-6d16	Tap1 Transporter 1, ATP-binding cassette
-2.19					MG-4-5j21	Il6st Interleukin 6 signal transducer
-2.18					MG-8-71j2	Nup155 Nucleoporin 155
-2.16					MG-6-19n14	Abr Active BCR-related gene
-2.15					MG-3-37d17	Hspb7 Heat shock protein family, member 7
-2.15					MG-4-148e3	Hba-a1 Hemoglobin alpha, adult chain 1
-2.11					MG-47-1h17	Hbb-bh1 Hemoglobin beta-like embryonic chain