

List of differentially expressed genes at 6 months after infection (RMA & PLIER)

ID	Symbol	Entrez Gene Name	Fold Change
Bt.11816.1.S1 at	2700097O09F	RIKEN cDNA 2700097O09 gene	1.092
Bt.20249.1.S1 a at	ABCD3	ATP-binding cassette, sub-family D (ALD), member 3	1.491
Bt.1072.1.S1 at	ABR	active BCR-related	-1.018
Bt.7404.1.S1 at	ACAP1	ArfGAP with coiled-coil, ankyrin repeat and PH domains 1	-1.133
Bt.5193.2.S1 a at	ACP5	acid phosphatase 5, tartrate resistant	-1.216
Bt.22225.1.A1 at	ACSF3	acyl-CoA synthetase family member 3	-1.290
Bt.7084.1.S1 at	Actn3	actinin alpha 3	-1.233
Bt.17809.1.A1 at	ACTR6	ARP6 actin-related protein 6 homolog (yeast)	2.918
Bt.734.1.S1 at	ADAM9	ADAM metallopeptidase domain 9	1.342
Bt.5741.1.S1 at	ADO	2-aminoethanethiol (cysteamine) dioxygenase	1.246
Bt.12139.2.S1 at	ADPRHL2	ADP-ribosylhydrolase like 2	-1.070
Bt.24907.1.A1 at	ADSS	adenylosuccinate synthase	1.187
Bt.17239.2.A1 at	AEBP2	AE binding protein 2	-1.045
Bt.15476.1.A1 at	AFF1	AF4/FMR2 family, member 1	-1.424
Bt.7816.1.S1 at	AFF2	AF4/FMR2 family, member 2	1.403
Bt.11263.2.S1 at	Afg311	AFG3(ATPase family gene 3)-like 1 (yeast)	-1.221
Bt.11957.1.S1 at	AFTPH	aftiphilin	-1.154
Bt.20847.2.S1 s at	AGER	advanced glycosylation end product-specific receptor	-1.001
Bt.23276.1.S1 at	AIM1	absent in melanoma 1	1.356
Bt.28839.1.S1 at	AIM1L	absent in melanoma 1-like	1.004
Bt.16113.2.S1 at	AKAP11	A kinase (PRKA) anchor protein 11	-1.057
Bt.5968.1.S1 at	AKIRIN1	akirin 1	1.251
Bt.23714.1.A1 at	ALDH1L2	aldehyde dehydrogenase 1 family, member L2	-1.213
Bt.16137.1.S1 at	ALDH9A1	aldehyde dehydrogenase 9 family, member A1	-1.027
Bt.15721.2.S1 at	ALG1	ALG1, chitobiosyldiphosphodolichol beta-mannosyltransferase	-1.107
Bt.18652.1.S1 at	ALG6	ALG6, alpha-1,3-glucosyltransferase	1.228
Bt.26523.1.A1 at	ALMS1	Alstrom syndrome 1	1.391
Bt.2598.1.S1 at	ALOX15	arachidonate 15-lipoxygenase	-4.588
Bt.26603.1.S1 at	ALOX5	arachidonate 5-lipoxygenase	-1.476
Bt.7090.1.S1 at	ALOX5	arachidonate 5-lipoxygenase	-1.038
Bt.7066.1.S1 at	ALOX5AP	arachidonate 5-lipoxygenase-activating protein	-2.021
Bt.1128.1.S1 at	ALPK3	alpha-kinase 3	-1.437
Bt.28016.1.S1 s at	AMELX	amelogenin, X-linked	-1.462
Bt.373.3.S1 a at	AMELX	amelogenin, X-linked	-1.146
Bt.20898.1.S1 at	AMFR	autocrine motility factor receptor, E3 ubiquitin protein ligase	1.117
Bt.28098.1.S1 at	AMICA1	adhesion molecule, interacts with CXADR antigen 1	-1.529
Bt.17295.1.A1 at	AMN1	antagonist of mitotic exit network 1 homolog (S. cerevisiae)	1.105
Bt.7177.1.S1 at	AMT	aminomethyltransferase	-1.186
Bt.22871.1.S1 at	ANK1	ankyrin 1, erythrocytic	-1.098
Bt.22626.1.A1 at	ANKRD12	ankyrin repeat domain 12	1.254
Bt.22626.2.S1 at	ANKRD12	ankyrin repeat domain 12	1.569
Bt.2691.1.S1 at	AP1G1	adaptor-related protein complex 1, gamma 1 subunit	1.134
Bt.1697.3.S1 a at	APBB3	amyloid beta (A4) precursor protein-binding, family B, member 3	-1.145
Bt.9667.2.S1 at	API5	apoptosis inhibitor 5	1.127
Bt.9900.1.S1 at	APPBP2	amyloid beta precursor protein (cytoplasmic tail) binding protein 2	1.108
Bt.19592.1.A1 at	AQP9	aquaporin 9	1.456
Bt.7337.1.A1 at	ARAP2	ArfGAP with RhoGAP domain, ankyrin repeat and PH domain 2	1.100
Bt.4549.1.S1 at	ARFGEF1	ADP-ribosylation factor guanine nucleotide-exchange factor 1 (brefeldin A-inhibited)	1.273
Bt.14681.2.S1 at	ARG1	arginase 1	-1.700
Bt.8624.1.S1 at	ARG2	arginase 2	-1.409
Bt.22736.1.S1 at	ARHGAP12	Rho GTPase activating protein 12	1.269
Bt.14075.1.S1 at	ARHGAP5	Rho GTPase activating protein 5	1.463

Bt.29288.1.A1_at	ARHGAP5	Rho GTPase activating protein 5	1.111
Bt.21969.1.A1_at	ARID2	AT rich interactive domain 2 (ARID, RFX-like)	1.359
Bt.20958.1.A1_at	ARL4C	ADP-ribosylation factor-like 4C	-1.291
Bt.19965.1.S1_at	ARMCX3	armadillo repeat containing, X-linked 3	1.180
Bt.10341.1.S1_at	ARNT2	aryl-hydrocarbon receptor nuclear translocator 2	-1.009
Bt.4823.1.S1_at	ARPP19	cAMP-regulated phosphoprotein, 19kDa	1.475
Bt.4823.2.S1_a_at	ARPP19	cAMP-regulated phosphoprotein, 19kDa	1.722
Bt.15976.1.S1_at	ARRB2	arrestin, beta 2	-1.307
Bt.6471.1.S1_at	ARSE	arylsulfatase E	-1.187
Bt.29697.1.A1_at	ART3	ADP-ribosyltransferase 3	-1.089
Bt.15748.1.A1_at	ARV1	ARV1 homolog (S. cerevisiae)	1.273
Bt.26262.1.S1_at	ASCC3	activating signal cointegrator 1 complex subunit 3	1.291
Bt.16589.1.A1_at	ASUN	asunder spermatogenesis regulator	1.283
Bt.26137.1.A1_at	ASXL2	additional sex combs like 2 (Drosophila)	1.105
Bt.8053.1.S1_at	ATAD1	ATPase family, AAA domain containing 1	1.484
Bt.8053.3.S1_at	ATAD1	ATPase family, AAA domain containing 1	1.356
Bt.28428.1.S1_at	ATAD2B	ATPase family, AAA domain containing 2B	1.880
Bt.14552.1.A1_at	ATF2	activating transcription factor 2	1.400
Bt.22481.1.A1_at	ATG2B	autophagy related 2B	1.279
Bt.14993.2.A1_at	ATL2	atlastin GTPase 2	1.360
Bt.13708.1.A1_at	ATMIN	ATM interactor	1.242
Bt.20559.1.S1_at	ATP13A3	ATPase type 13A3	1.339
Bt.20559.2.A1_at	ATP13A3	ATPase type 13A3	1.457
Bt.1059.3.S1_a_at	ATP2A2	ATPase, Ca ⁺⁺ transporting, cardiac muscle, slow twitch 2	1.308
Bt.16296.1.A1_at	ATP2A2	ATPase, Ca ⁺⁺ transporting, cardiac muscle, slow twitch 2	-1.083
Bt.29858.1.S1_at	ATP5A1	ATP synthase, H ⁺ transporting, mitochondrial F1 complex, alpha subunit 1, cardiac muscle	-1.058
Bt.16017.1.S2_at	ATP6V0A2	ATPase, H ⁺ transporting, lysosomal V0 subunit a2	1.147
Bt.4955.2.S1_a_at	ATP6V1H	ATPase, H ⁺ transporting, lysosomal 50/57kDa, V1 subunit H	1.061
Bt.24783.1.A1_at	ATR	ataxia telangiectasia and Rad3 related	1.628
Bt.24783.2.S1_at	ATR	ataxia telangiectasia and Rad3 related	1.117
Bt.3772.1.S1_at	ATXN7L3B	ataxin 7-like 3B	-1.075
Bt.26683.2.S1_at	AURKA	aurora kinase A	-1.015
Bt.21670.1.A1_at	AZI2	5-azacytidine induced 2	1.155
Bt.7251.1.S1_at	B3GALT2	UDP-Gal:betaGlcNAc beta 1,3-galactosyltransferase, polypeptide 2	1.538
Bt.21380.2.S1_at	BAG5	BCL2-associated athanogene 5	1.089
Bt.21388.2.A1_at	BAHD1	bromo adjacent homology domain containing 1	1.173
Bt.4898.1.S1_at	BASP1	brain abundant, membrane attached signal protein 1	-1.654
Bt.7542.1.S1_at	BCL2A1	BCL2-related protein A1	1.622
Bt.11043.1.S1_a_at	BCL2L12	BCL2-like 12 (proline rich)	-1.402
Bt.16930.1.A1_at	BCL3	B-cell CLL/lymphoma 3	-1.187
Bt.24256.2.S1_a_at	BECN1	beclin 1, autophagy related	-1.192
Bt.170.1.S1_at	BFSP1	beaded filament structural protein 1, filensin	-1.066
Bt.5351.2.A1_x_at	BGN	biglycan	-1.262
Bt.9391.1.A1_at	BIRC3	baculoviral IAP repeat containing 3	1.482
Bt.9391.2.S1_at	BIRC3	baculoviral IAP repeat containing 3	1.515
Bt.17164.1.S1_at	BIVM	basic, immunoglobulin-like variable motif containing	1.450
Bt.22851.1.S1_at	BLOC1S5	biogenesis of lysosomal organelles complex-1, subunit 5, muted	1.164
Bt.25995.1.S1_at	BNIP1	BCL2/adenovirus E1B 19kDa interacting protein 1	1.208
Bt.888.1.S1_at	BNIP3L	BCL2/adenovirus E1B 19kDa interacting protein 3-like	-1.234
Bt.8897.1.S1_at	BPIFB1	BPI fold containing family B, member 1	-1.059
Bt.21233.1.S1_at	BRAP	BRCA1 associated protein	1.146
Bt.29504.1.A1_at	BRCC3	BRCA1/BRCA2-containing complex, subunit 3	1.363
Bt.3135.1.A1_a_at	BRD7	bromodomain containing 7	1.103
Bt.5650.1.S1_at	BTG3	BTG family, member 3	1.280
Bt.20692.1.A1_at	BZW1	basic leucine zipper and W2 domains 1	1.208

Bt.20543.1.S1_at	C11orf84	chromosome 11 open reading frame 84	-1.199
Bt.14198.2.S1_at	C12orf75	chromosome 12 open reading frame 75	-1.229
Bt.21125.1.S1_at	C15orf57	chromosome 15 open reading frame 57	1.057
Bt.6914.1.A1_at	C16orf58	chromosome 16 open reading frame 58	-1.460
Bt.9873.2.S1_at	C16orf72	chromosome 16 open reading frame 72	1.136
Bt.26153.2.A1_at	C16orf93	chromosome 16 open reading frame 93	-1.062
Bt.12894.1.S1_at	C17orf103	chromosome 17 open reading frame 103	-1.102
Bt.8501.1.A1_at	C17orf85	chromosome 17 open reading frame 85	1.008
Bt.13875.1.S1_at	C18orf21	chromosome 18 open reading frame 21	2.196
Bt.11802.1.S1_at	C18orf32	chromosome 18 open reading frame 32	1.266
Bt.814.1.S1_at	C19orf60	chromosome 19 open reading frame 60	-1.151
Bt.26991.2.S1_a_at	C1orf162	chromosome 1 open reading frame 162	-1.986
Bt.16082.1.S1_at	C1QBP	complement component 1, q subcomponent binding protein	1.078
Bt.22145.1.S1_at	C20orf196	chromosome 20 open reading frame 196	1.125
Bt.26157.1.A1_at	C5AR2	complement component 5a receptor 2	-1.594
Bt.26041.1.A1_at	C5orf30	chromosome 5 open reading frame 30	1.206
Bt.24947.2.S1_at	C5orf45	chromosome 5 open reading frame 45	-1.077
Bt.6535.1.A1_at	C7orf50	chromosome 7 open reading frame 50	-1.352
Bt.26916.1.A1_at	C8orf37	chromosome 8 open reading frame 37	1.315
Bt.13071.1.A1_at	CACNA1A	calcium channel, voltage-dependent, P/Q type, alpha 1A subunit	-1.184
Bt.20607.1.S1_at	CACYBP	calcyclin binding protein	1.200
Bt.14578.1.A1_at	CALCRL	calcitonin receptor-like	1.313
Bt.16382.1.A1_at	CALCRL	calcitonin receptor-like	1.321
Bt.15294.1.S1_at	CALML4	calmodulin-like 4	1.088
Bt.23394.1.S1_at	CAMK2D	calcium/calmodulin-dependent protein kinase II delta	1.270
Bt.18105.1.A1_at	CAMKMT	calmodulin-lysine N-methyltransferase	1.118
Bt.13563.1.A1_at	CAMLG	calcium modulating ligand	1.233
Bt.2513.2.S1_at	CAND1	cullin-associated and neddylation-dissociated 1	1.324
Bt.28795.1.A1_at	CAPNS1	calpain, small subunit 1	-1.299
Bt.9795.1.S1_at	CAPRIN1	cell cycle associated protein 1	1.220
Bt.21682.1.S1_at	CAPZA1	capping protein (actin filament) muscle Z-line, alpha 1	1.263
Bt.29902.1.S1_at	CARD10	caspase recruitment domain family, member 10	-1.114
Bt.12257.1.S1_at	CASD1	CAS1 domain containing 1	1.796
Bt.20113.1.S1_at	CASP6	caspase 6, apoptosis-related cysteine peptidase	1.285
Bt.26611.1.S1_at	CASP8AP2	caspase 8 associated protein 2	1.697
Bt.26611.2.S1_at	CASP8AP2	caspase 8 associated protein 2	1.061
Bt.21193.1.S1_at	CBLC	Cbl proto-oncogene C, E3 ubiquitin protein ligase	1.149
Bt.24265.1.S1_a_at	CCBL2	cysteine conjugate-beta lyase 2	1.450
Bt.19776.1.A1_at	CCDC66	coiled-coil domain containing 66	1.425
Bt.25054.2.S1_at	CCDC66	coiled-coil domain containing 66	1.137
Bt.29506.1.S1_at	CCDC82	coiled-coil domain containing 82	1.475
Bt.23298.1.S1_at	CCDC84	coiled-coil domain containing 84	-1.136
Bt.21999.1.S1_at	CCDC88A	coiled-coil domain containing 88A	1.483
Bt.26613.1.A1_at	CCDC92	coiled-coil domain containing 92	1.049
Bt.17932.1.S1_at	CCNL1	cyclin L1	1.362
Bt.29953.1.A1_at	CCNYL1	cyclin Y-like 1	1.142
Bt.1377.1.S1_at	CCR1	chemokine (C-C motif) receptor 1	-1.393
Bt.12365.1.S1_at	CCT2	chaperonin containing TCP1, subunit 2 (beta)	1.156
Bt.2672.1.S1_at	CCT8	chaperonin containing TCP1, subunit 8 (theta)	1.193
Bt.22214.1.S1_at	CD180	CD180 molecule	1.220
Bt.1439.1.S1_at	CD248	CD248 molecule, endosialin	-1.177
Bt.2052.1.S1_a_at	CD2AP	CD2-associated protein	1.415
Bt.3484.1.S1_at	CD302	CD302 molecule	1.310
Bt.26763.1.A1_at	CD33	CD33 molecule	-1.696
Bt.2626.1.S1_at	CD47	CD47 molecule	1.522

Bt.13087.1.S1_at	CD6	CD6 molecule	-1.172
Bt.2334.1.S1_at	CD68	CD68 molecule	-1.552
Bt.21980.1.S1_at	CD72	CD72 molecule	1.435
Bt.20521.3.A1_at	CD84	CD84 molecule	1.471
Bt.13829.1.S1_at	CD99	CD99 molecule	-1.024
Bt.13864.1.A1_at	CDC26	cell division cycle 26	1.171
Bt.19894.1.S1_at	CDC40	cell division cycle 40	1.374
Bt.25730.1.S1_at	CDC45	cell division cycle 45	-1.294
Bt.11865.1.A1_at	CDC5L	cell division cycle 5-like	1.147
Bt.13725.2.S1_at	CDC73	cell division cycle 73	1.264
Bt.10696.1.S1_at	CDC43	cell division cycle associated 3	-1.119
Bt.23576.1.A1_at	CDK17	cyclin-dependent kinase 17	1.490
Bt.28036.2.S1_at	CDK18	cyclin-dependent kinase 18	-1.316
Bt.2723.1.A1_at	CDO1	cysteine dioxygenase type 1	-1.287
Bt.27585.1.A1_at	CEP112	centrosomal protein 112kDa	1.103
Bt.24448.2.S1_at	CEP120	centrosomal protein 120kDa	1.089
Bt.13741.2.S1_at	CEP192	centrosomal protein 192kDa	1.146
Bt.23859.1.S1_at	CEP350	centrosomal protein 350kDa	1.340
Bt.25763.1.S1_at	CEP70	centrosomal protein 70kDa	1.117
Bt.24231.1.A1_at	CEP78	centrosomal protein 78kDa	1.258
Bt.304.1.S1_at	CGA	glycoprotein hormones, alpha polypeptide	-1.032
Bt.22210.1.S1_at	CGREF1	cell growth regulator with EF-hand domain 1	1.062
Bt.22311.1.S1_at	CHAMP1	chromosome alignment maintaining phosphoprotein 1	1.232
Bt.9162.1.A1_at	CHORDC1	cysteine and histidine-rich domain (CHORD) containing 1	1.446
Bt.5107.1.S1_at	CHRNB1	cholinergic receptor, nicotinic, beta 1 (muscle)	1.217
Bt.3233.1.A1_at	CIAO1	cytosolic iron-sulfur protein assembly 1	1.084
Bt.20910.1.S1_at	CIR1	corepressor interacting with RBPJ, 1	1.205
Bt.10154.1.S1_at	CISD1	CDGSH iron sulfur domain 1	1.548
Bt.10007.1.A1_at	CKAP2	cytoskeleton associated protein 2	1.360
Bt.19306.2.S1_at	CLASP2	cytoplasmic linker associated protein 2	1.215
Bt.18733.1.S1_at	CLCC1	chloride channel CLIC-like 1	1.353
Bt.15804.1.S1_at	CLCN3	chloride channel, voltage-sensitive 3	1.133
Bt.9281.1.A1_at	CLHC1	clathrin heavy chain linker domain containing 1	2.231
Bt.17692.1.S1_a_at	CLPX	caseinolytic mitochondrial matrix peptidase chaperone subunit	1.399
Bt.29655.1.S1_a_at	CMC2	COX assembly mitochondrial protein 2 homolog (S. cerevisiae)	1.168
Bt.27634.1.A1_a_at	CNKS2	connector enhancer of kinase suppressor of Ras 2	1.025
Bt.4477.2.S1_a_at	CNPPD1	cyclin Pas1/PHO80 domain containing 1	-1.196
Bt.10608.2.S1_a_at	COA1	cytochrome c oxidase assembly factor 1 homolog (S. cerevisiae)	-1.177
Bt.22139.1.S1_at	COBLL1	cordon-bleu WH2 repeat protein-like 1	1.570
Bt.7343.1.A1_at	COG3	component of oligomeric golgi complex 3	1.230
Bt.16061.1.S1_at	COG6	component of oligomeric golgi complex 6	1.463
Bt.26987.1.S1_at	COIL	coilin	1.159
Bt.4956.1.S1_at	COL11A1	collagen, type XI, alpha 1	-1.176
Bt.12697.1.S1_at	COL16A1	collagen, type XVI, alpha 1	-1.299
Bt.23316.1.A1_at	COL1A1	collagen, type I, alpha 1	-1.017
Bt.1336.2.S1_at	COL26A1	collagen, type XXVI, alpha 1	-1.071
Bt.12794.1.A1_at	COL4A3	collagen, type IV, alpha 3 (Goodpasture antigen)	-1.305
Bt.13122.1.A1_at	COL6A2	collagen, type VI, alpha 2	-1.111
Bt.9576.3.S1_at	COMM4	COMM domain containing 4	-1.275
Bt.2125.1.A1_at	COMM8	COMM domain containing 8	1.445
Bt.16244.1.S1_at	COMM9	COMM domain containing 9	-1.226
Bt.22486.1.S1_at	COPB1	coatamer protein complex, subunit beta 1	1.152
Bt.7924.1.S1_at	COPS6	COP9 signalosome subunit 6	-1.174
Bt.20358.2.S1_a_at	COQ7	coenzyme Q7 homolog, ubiquinone (yeast)	1.078
Bt.9457.1.S1_at	COX17	COX17 cytochrome c oxidase copper chaperone	1.269

Bt.4077.1.S1_at	CPSF2	cleavage and polyadenylation specific factor 2, 100kDa	1.142
Bt.1004.1.A1_at	CPSF6	cleavage and polyadenylation specific factor 6, 68kDa	1.230
Bt.24779.2.S1_at	CREM	cAMP responsive element modulator	-1.159
Bt.20226.2.A1_at	CRIM1	cysteine rich transmembrane BMP regulator 1 (chordin-like)	1.483
Bt.1927.1.S1_at	CRISPLD2	cysteine-rich secretory protein LCCL domain containing 2	-2.145
Bt.25108.1.S1_at	CRLS1	cardiolipin synthase 1	1.601
Bt.21479.1.A1_at	CRNKL1	crooked neck pre-mRNA splicing factor-like 1 (Drosophila)	1.432
Bt.24438.1.S1_a_at	CSF3R	colony stimulating factor 3 receptor (granulocyte)	-1.671
Bt.14029.1.S1_at	CSGALNACT	chondroitin sulfate N-acetylgalactosaminyltransferase 2	1.349
Bt.28515.1.A1_at	CSNK1G3	casein kinase 1, gamma 3	1.603
Bt.13321.1.S1_at	CSPP1	centrosome and spindle pole associated protein 1	1.717
Bt.20846.1.A1_a_at	CTDSPL	CTD (carboxy-terminal domain, RNA polymerase II, polypeptide A) small phosphatase-like	-1.096
Bt.1125.1.S1_at	CTNNB1	catenin (cadherin-associated protein), beta 1, 88kDa	1.050
Bt.6076.1.S1_a_at	CTU2	cytosolic thiouridylase subunit 2 homolog (S. pombe)	-1.102
Bt.9176.1.A1_at	CUL4B	cullin 4B	1.295
Bt.16966.1.S1_at	CXCL10	chemokine (C-X-C motif) ligand 10	1.402
Bt.4208.1.S1_at	CXCR2	chemokine (C-X-C motif) receptor 2	-1.560
Bt.8759.1.S1_at	CXorf23	chromosome X open reading frame 23	1.627
Bt.6512.1.S1_at	CYB5D2	cytochrome b5 domain containing 2	-1.035
Bt.9699.1.S1_at	CYP26A1	cytochrome P450, family 26, subfamily A, polypeptide 1	-1.104
Bt.621.1.S1_at	CYP51A1	cytochrome P450, family 51, subfamily A, polypeptide 1	1.322
Bt.10278.1.S1_at	CYSTM1	cysteine-rich transmembrane module containing 1	-1.417
Bt.3814.1.S1_at	DAB2	Dab, mitogen-responsive phosphoprotein, homolog 2 (Drosophila)	-1.189
Bt.5434.1.S1_at	DAD1	defender against cell death 1	-1.183
Bt.24335.1.S1_at	DAPP1	dual adaptor of phosphotyrosine and 3-phosphoinositides	1.289
Bt.17683.1.A1_at	DBF4	DBF4 homolog (S. cerevisiae)	1.137
Bt.4474.1.S1_at	DBNDD2	dysbindin (dystrobrevin binding protein 1) domain containing 2	-1.104
Bt.24618.1.S1_at	DBP	D site of albumin promoter (albumin D-box) binding protein	-1.338
Bt.426.1.S1_at	DBT	dihydroliipoamide branched chain transacylase E2	1.713
Bt.3382.1.S1_at	DCAF12	DDB1 and CUL4 associated factor 12	-1.137
Bt.26908.1.A1_a_at	DCAF6	DDB1 and CUL4 associated factor 6	1.131
Bt.22808.1.S1_at	DDRKG1	DDRKG domain containing 1	-1.114
Bt.9783.1.S1_at	DDX3X	DEAD (Asp-Glu-Ala-Asp) box helicase 3, X-linked	1.309
Bt.3437.1.S1_at	DDX5	DEAD (Asp-Glu-Ala-Asp) box helicase 5	1.052
Bt.23649.1.A1_at	DDX50	DEAD (Asp-Glu-Ala-Asp) box polypeptide 50	1.116
Bt.4589.1.S1_at	DEDD2	death effector domain containing 2	-1.520
Bt.28726.1.A1_at	DEF8	differentially expressed in FDCP 8 homolog (mouse)	-1.373
Bt.1167.2.S1_at	DEK	DEK oncogene	1.268
Bt.1232.1.S1_at	DENND1C	DENN/MADD domain containing 1C	-1.193
Bt.13216.2.A1_at	DENR	density-regulated protein	1.369
Bt.23550.1.S1_at	DGAT2	diacylglycerol O-acyltransferase 2	-2.080
Bt.15756.1.S1_at	DGCR8	DGCR8 microprocessor complex subunit	1.041
Bt.16532.1.A1_at	DHX34	DEAH (Asp-Glu-Ala-His) box polypeptide 34	-1.091
Bt.19818.1.A1_at	DHX9	DEAH (Asp-Glu-Ala-His) box helicase 9	1.270
Bt.5544.1.S1_at	DHX9	DEAH (Asp-Glu-Ala-His) box helicase 9	1.196
Bt.2418.1.S1_at	DIP2C	DIP2 disco-interacting protein 2 homolog C (Drosophila)	1.171
Bt.10856.1.S1_at	DIS3L	DIS3 mitotic control homolog (S. cerevisiae)-like	1.205
Bt.8679.1.A1_at	DLAT	dihydroliipoamide S-acetyltransferase	1.230
Bt.11032.1.S1_at	DMTN	dematin actin binding protein	-1.220
Bt.3274.1.A1_at	DNAJA1	DnaJ (Hsp40) homolog, subfamily A, member 1	1.721
Bt.6341.1.S1_at	DNAJC1	DnaJ (Hsp40) homolog, subfamily C, member 1	1.264
Bt.20912.1.S1_at	DNAJC27	DnaJ (Hsp40) homolog, subfamily C, member 27	1.179
Bt.12138.1.S1_at	DNLZ	DNL-type zinc finger	1.151
Bt.20636.1.A1_at	DOCK10	dedicator of cytokinesis 10	-1.225
Bt.2966.1.A1_at	DOCK11	dedicator of cytokinesis 11	1.241

Bt.3282.1.S1_at	DPEP1	dipeptidase 1 (renal)	-1.075
Bt.24263.1.S1_at	DPH5	diphthamide biosynthesis 5	1.540
Bt.20421.2.S1_a_at	DPM2	dolichyl-phosphate mannosyltransferase polypeptide 2, regulatory subunit	-1.373
Bt.24253.1.S1_at	DR1	down-regulator of transcription 1, TBP-binding (negative cofactor 2)	1.236
Bt.18575.1.A1_at	DTWD2	DTW domain containing 2	1.250
Bt.2070.2.A1_at	DUSP10	dual specificity phosphatase 10	1.432
Bt.2070.3.S1_at	DUSP10	dual specificity phosphatase 10	1.045
Bt.13589.1.A1_at	DUSP11	dual specificity phosphatase 11 (RNA/RNP complex 1-interacting)	1.539
Bt.3906.1.S1_at	DYNC112	dynein, cytoplasmic 1, intermediate chain 2	1.297
Bt.7798.1.S1_at	DYNLRB1	dynein, light chain, roadblock-type 1	-1.216
Bt.27435.1.S1_at	DYRK1B	dual-specificity tyrosine-(Y)-phosphorylation regulated kinase 1B	-1.183
Bt.13748.1.S1_at	DYRK2	dual-specificity tyrosine-(Y)-phosphorylation regulated kinase 2	1.254
Bt.5885.1.S1_at	ECHDC2	enoyl CoA hydratase domain containing 2	-1.194
Bt.25792.2.S1_at	EDC4	enhancer of mRNA decapping 4	-1.062
Bt.14902.1.A1_at	EDEM3	ER degradation enhancer, mannosidase alpha-like 3	1.275
Bt.3573.1.S2_at	EEF1A1	eukaryotic translation elongation factor 1 alpha 1	1.073
Bt.15704.1.S1_at	EGLN1	egl-9 family hypoxia-inducible factor 1	1.365
Bt.15704.2.S1_at	EGLN1	egl-9 family hypoxia-inducible factor 1	1.389
Bt.7963.1.S1_at	EHD1	EH-domain containing 1 Text	-1.219
Bt.6815.1.A1_at	EID1	EP300 interacting inhibitor of differentiation 1	1.243
Bt.10056.1.S1_at	EIF2AK3	eukaryotic translation initiation factor 2-alpha kinase 3	1.172
Bt.20392.1.A1_at	EIF3J	eukaryotic translation initiation factor 3, subunit J	1.154
Bt.22476.1.S1_at	EIF4ENIF1	eukaryotic translation initiation factor 4E nuclear import factor 1	1.243
Bt.4582.1.A1_at	ELMOD3	ELMO/CED-12 domain containing 3	-1.399
Bt.5361.2.S1_a_at	ELN	elastin	-1.377
Bt.1983.1.S1_at	EMR1	egf-like module containing, mucin-like, hormone receptor-like 1	1.052
Bt.11278.1.S1_at	ENAH	enabled homolog (Drosophila)	1.600
Bt.3244.1.A1_at	ENOPH1	enolase-phosphatase 1	1.488
Bt.23216.1.S1_at	ENPP2	ectonucleotide pyrophosphatase/phosphodiesterase 2	1.070
Bt.18837.1.S1_at	ENPP5	ectonucleotide pyrophosphatase/phosphodiesterase 5 (putative)	1.091
Bt.21068.1.S1_at	Eogt	EGF domain-specific O-linked N-acetylglucosamine (GlcNAc) transferase	1.335
Bt.29459.1.A1_at	EPC2	enhancer of polycomb homolog 2 (Drosophila)	1.414
Bt.21962.1.S1_at	EPDR1	ependymin related 1	1.158
Bt.12691.1.A1_at	EPS8	epidermal growth factor receptor pathway substrate 8	1.059
Bt.18026.1.A1_at	ERBB2IP	erb2 interacting protein	1.076
Bt.22737.1.S1_at	ERBB2IP	erb2 interacting protein	1.405
Bt.23646.1.S1_at	ERCC4	excision repair cross-complementing rodent repair deficiency, complementation group 4	1.191
Bt.25296.1.A1_at	ERGIC2	ERGIC and golgi 2	1.573
Bt.25731.1.A1_at	ERO1L	ERO1-like (S. cerevisiae)	1.044
Bt.24361.1.S1_at	ESF1	ESF1, nucleolar pre-rRNA processing protein, homolog (S. cerevisiae)	1.387
Bt.27192.1.S1_at	ETF1	eukaryotic translation termination factor 1	1.397
Bt.20556.1.S1_at	EWSR1	EWS RNA-binding protein 1	-1.103
Bt.21049.1.S1_at	EXOC6	exocyst complex component 6	1.357
Bt.12180.1.S1_at	EXOSC8	exosome component 8	1.166
Bt.9882.1.S1_at	FABP2	fatty acid binding protein 2, intestinal	-1.369
Bt.5202.1.S1_at	FAM109B	family with sequence similarity 109, member B	-1.120
Bt.12043.1.S1_at	FAM114A2	family with sequence similarity 114, member A2	1.247
Bt.1652.1.S1_at	FAM115A	family with sequence similarity 115, member A	1.254
Bt.3422.1.S1_at	FAM129B	family with sequence similarity 129, member B	1.034
Bt.27330.1.A1_at	FAM161A	family with sequence similarity 161, member A	1.060
Bt.10822.1.S1_at	FAM168B	family with sequence similarity 168, member B	1.140
Bt.19662.1.A1_at	FAM171B	family with sequence similarity 171, member B	1.149
Bt.20603.1.A1_at	FAM177A1	family with sequence similarity 177, member A1	1.228
Bt.9847.1.S1_at	FAM208A	family with sequence similarity 208, member A	1.488
Bt.9847.2.S1_at	FAM208A	family with sequence similarity 208, member A	1.532

Bt.26995.1.S1_at	FAM212A	family with sequence similarity 212, member A	-1.068
Bt.24613.1.S1_at	FAM214A	family with sequence similarity 214, member A	1.282
Bt.1373.3.S1_a_at	FAM63A	family with sequence similarity 63, member A	-1.542
Bt.28545.1.A1_at	FANCL	Fanconi anemia, complementation group L	1.610
Bt.21150.1.A1_at	FANCM	Fanconi anemia, complementation group M	1.617
Bt.10230.1.A1_at	FAR1	fatty acyl CoA reductase 1	1.406
Bt.29137.1.A1_at	FASTK	Fas-activated serine/threonine kinase	-1.108
Bt.7257.1.S1_at	FASTKD5	FAST kinase domains 5	1.165
Bt.13428.1.S1_at	FBP1	fructose-1,6-bisphosphatase 1	-1.277
Bt.13428.2.S1_at	FBP1	fructose-1,6-bisphosphatase 1	-1.721
Bt.9050.1.S1_a_at	FBXW5	F-box and WD repeat domain containing 5	-1.303
Bt.27043.1.A1_at	FCER1A	Fc fragment of IgE, high affinity I, receptor for; alpha polypeptide	1.165
Bt.20900.1.S1_at	FCF1	FCF1 rRNA-processing protein	-1.078
Bt.22730.2.S1_at	FGFR1OP2	FGFR1 oncogene partner 2	-1.065
Bt.5709.1.S1_at	FGFR1OP2	FGFR1 oncogene partner 2	1.462
Bt.24969.1.S1_at	FGGY	FGGY carbohydrate kinase domain containing	1.057
Bt.9202.1.S1_at	FGL2	fibrinogen-like 2	-1.286
Bt.6840.1.S1_a_at	FKBP11	FK506 binding protein 11, 19 kDa	-1.320
Bt.2765.1.S1_at	FMNL2	formin-like 2	1.287
Bt.19330.1.A1_s_at	FNBP1L	formin binding protein 1-like	1.104
Bt.11908.1.S1_at	FNDC3A	fibronectin type III domain containing 3A	1.650
Bt.20834.1.A1_at	FOXA2	forkhead box A2	-1.047
Bt.24252.1.S1_at	FOXN3	forkhead box N3	1.218
Bt.18887.3.A1_at	FOXO1	forkhead box O1	1.167
Bt.17095.1.A1_at	FPGT	fucose-1-phosphate guanylyltransferase	1.436
Bt.17095.2.A1_at	FPGT	fucose-1-phosphate guanylyltransferase	1.312
Bt.21338.1.S1_at	FURIN	furin (paired basic amino acid cleaving enzyme)	-1.293
Bt.8305.1.A1_at	FXR1	fragile X mental retardation, autosomal homolog 1	1.418
Bt.5369.1.S1_at	FXYD6	FXYD domain containing ion transport regulator 6	-1.352
Bt.7919.1.A1_at	FXYD7	FXYD domain containing ion transport regulator 7	-1.151
Bt.22136.1.S1_at	FYCO1	FYVE and coiled-coil domain containing 1	1.157
Bt.22493.1.S1_at	G2E3	G2/M-phase specific E3 ubiquitin protein ligase	-1.095
Bt.9713.1.S1_at	GALNT11	UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 11 (GalNAc-T11)	1.437
Bt.6408.1.S1_at	GATA2	GATA binding protein 2	-1.189
Bt.14207.1.S1_at	GCAT	glycine C-acetyltransferase	-1.024
Bt.13135.1.S1_x_at	GDF7	growth differentiation factor 7	-1.290
Bt.19278.1.S1_at	GEMIN2	gem (nuclear organelle) associated protein 2	1.230
Bt.26725.1.S1_at	GFI1B	growth factor independent 1B transcription repressor	-1.516
Bt.29698.1.S1_at	GHR	growth hormone receptor	1.054
Bt.15663.1.S1_at	GIGYF2	GRB10 interacting GYF protein 2	1.544
Bt.27015.1.A1_at	GIT2	G protein-coupled receptor kinase interacting ArfGAP 2	-1.150
Bt.23378.1.A1_at	GLRX3	glutaredoxin 3	1.104
Bt.24824.1.S1_at	GLT8D2	glycosyltransferase 8 domain containing 2	-1.037
Bt.21343.2.A1_a_at	GMFG	glia maturation factor, gamma	-1.193
Bt.7606.1.S1_at	GMIP	GEM interacting protein	-1.340
Bt.8164.1.S1_at	GNB1L	guanine nucleotide binding protein (G protein), beta polypeptide 1-like	-1.271
Bt.22453.1.S1_at	GNB5	guanine nucleotide binding protein (G protein), beta 5	-1.003
Bt.4586.1.S1_at	GNG2	guanine nucleotide binding protein (G protein), gamma 2	-1.352
Bt.29856.1.S1_at	GNG7	guanine nucleotide binding protein (G protein), gamma 7	-1.218
Bt.20629.1.A1_at	GNPDA2	glucosamine-6-phosphate deaminase 2	1.398
Bt.8513.1.A1_at	GNPTAB	N-acetylglucosamine-1-phosphate transferase, alpha and beta subunits	1.442
Bt.20235.1.S1_at	GNS	glucosamine (N-acetyl)-6-sulfatase	1.217
Bt.23389.1.S1_at	GNS	glucosamine (N-acetyl)-6-sulfatase	1.222
Bt.26662.1.S1_at	GOLGA4	golgin A4	1.358
Bt.18123.1.A1_at	GORAB	golgin, RAB6-interacting	1.180

Bt.29570.1.S1_at	GPAM	glycerol-3-phosphate acyltransferase, mitochondrial	1.211
Bt.5603.1.S1_at	GPATCH8	G patch domain containing 8	1.210
Bt.26684.1.S1_at	GPBP1	GC-rich promoter binding protein 1	1.298
Bt.12856.1.S1_at	GPBP1L1	GC-rich promoter binding protein 1-like 1	1.187
Bt.5002.1.S1_at	GPD1	glycerol-3-phosphate dehydrogenase 1 (soluble)	1.008
Bt.14464.1.A1_at	GPHN	gephyrin	1.156
Bt.27715.1.A1_at	GPR110	G protein-coupled receptor 110	1.192
Bt.8998.1.S1_a_at	GPS2	G protein pathway suppressor 2	-1.112
Bt.11505.2.S1_at	GRINA	glutamate receptor, ionotropic, N-methyl D-aspartate-associated protein 1 (glutamate binding)	-1.150
Bt.7416.2.S1_at	GRK6	G protein-coupled receptor kinase 6	-1.267
Bt.14193.1.A1_at	GRSF1	G-rich RNA sequence binding factor 1	1.128
Bt.3201.1.S1_at	GRWD1	glutamate-rich WD repeat containing 1	-1.012
Bt.8321.2.S1_at	GSE1	Gse1 coiled-coil protein	-1.208
Bt.10058.1.S1_at	GSKIP	GSK3B interacting protein	1.357
Bt.28422.1.A1_at	GTF2E1	general transcription factor IIE, polypeptide 1, alpha 56kDa	1.565
Bt.26438.1.A1_at	GTF2F2	general transcription factor IIF, polypeptide 2, 30kDa	1.430
Bt.6415.1.S1_at	GTF2H2	general transcription factor IIH, polypeptide 2, 44kDa	1.432
Bt.10542.1.S1_at	GTF2I	general transcription factor Iii	1.438
Bt.4394.1.S1_at	GUCY1B3	guanylate cyclase 1, soluble, beta 3	1.551
Bt.21366.2.S1_at	GUF1	GUF1 GTPase homolog (S. cerevisiae)	1.079
Bt.20020.1.S1_at	HABP4	hyaluronan binding protein 4	1.416
Bt.7237.2.S1_a_at	HADHA	hydroxyacyl-CoA dehydrogenase/3-ketoacyl-CoA thiolase/enoyl-CoA hydratase (trifunctional protein), alpha subunit	1.011
Bt.4104.1.S1_at	HAT1	histone acetyltransferase 1	1.611
Bt.3708.1.A1_at	HAUS8	HAUS augmin-like complex, subunit 8	1.122
Bt.13243.1.S1_a_at	HCFC1R1	host cell factor C1 regulator 1 (XPO1 dependent)	-1.142
Bt.2919.1.S1_a_at	HDAC7	histone deacetylase 7	1.020
Bt.9255.1.A1_at	HDDC2	HD domain containing 2	1.197
Bt.22403.1.S1_at	HEATR2	HEAT repeat containing 2	1.380
Bt.25859.1.A1_at	HEATR5B	HEAT repeat containing 5B	-1.048
Bt.5047.1.S1_at	HEBP1	heme binding protein 1	-1.400
Bt.16127.1.S1_at	HECA	headcase homolog (Drosophila)	1.149
Bt.20728.1.A1_at	HEXIM1	hexamethylene bis-acetamide inducible 1	1.105
Bt.13535.1.A1_at	HIATL1	hippocampus abundant transcript-like 1	1.170
Bt.1738.1.S1_at	HIBCH	3-hydroxyisobutyryl-CoA hydrolase	1.192
Bt.9828.1.S2_at	HINT3	histidine triad nucleotide binding protein 3	1.699
Bt.2728.1.S1_at	HIST1H1C	histone cluster 1, H1c	-2.322
Bt.29815.1.A1_at	HLA-A	major histocompatibility complex, class I, A	-1.160
Bt.29815.1.S1_x_at	HLA-A	major histocompatibility complex, class I, A	-2.057
Bt.4762.1.S1_at	HLA-A	major histocompatibility complex, class I, A	-2.289
Bt.7773.1.S1_x_at	HLA-A	major histocompatibility complex, class I, A	-1.217
Bt.8121.1.S1_x_at	HLA-A	major histocompatibility complex, class I, A	-1.188
Bt.11711.1.A1_at	HMGB3	high mobility group box 3	1.554
Bt.1518.1.S1_at	HMMR	hyaluronan-mediated motility receptor (RHAMM)	1.190
Bt.3183.3.A1_at	HNRNPK	heterogeneous nuclear ribonucleoprotein K	1.029
Bt.13239.1.A1_at	HNRNPLL	heterogeneous nuclear ribonucleoprotein L-like	1.355
Bt.13239.2.S1_at	HNRNPLL	heterogeneous nuclear ribonucleoprotein L-like	1.307
Bt.2556.1.S1_at	HPGD	hydroxyprostaglandin dehydrogenase 15-(NAD)	-2.207
Bt.19608.1.S1_at	HSDL2	hydroxysteroid dehydrogenase like 2	1.777
Bt.23179.1.S2_at	HSP90AA1	heat shock protein 90kDa alpha (cytosolic), class A member 1	1.087
Bt.23263.1.S1_s_at	HSP90AB1	heat shock protein 90kDa alpha (cytosolic), class B member 1	1.241
Bt.24280.1.A1_at	HSPB11	heat shock protein family B (small), member 11	1.426
Bt.8738.1.S1_at	HSPH1	heat shock 105kDa/110kDa protein 1	1.642
Bt.9198.1.A1_at	HTATSF1	HIV-1 Tat specific factor 1	1.158
Bt.2000.1.S1_at	HYPK	huntingtin interacting protein K	-1.150
Bt.3447.2.S1_at	IARS	isoleucyl-tRNA synthetase	1.057

Bt.26695.1.S1	at	ICOSLG	inducible T-cell co-stimulator ligand	-1.016
Bt.16337.1.A1	at	IER5	immediate early response 5	-1.266
Bt.188.1.S1	at	IFNG	interferon, gamma	1.233
Bt.12759.1.S1	at	IGF1R	insulin-like growth factor 1 receptor	-1.243
Bt.11580.1.S1	at	IGF2BP3	insulin-like growth factor 2 mRNA binding protein 3	-1.132
Bt.27917.1.A1	at	IKBKAP	inhibitor of kappa light polypeptide gene enhancer in B-cells, kinase complex-associated protein	1.482
Bt.27917.2.S1	at	IKBKAP	inhibitor of kappa light polypeptide gene enhancer in B-cells, kinase complex-associated protein	1.298
Bt.12772.1.S1	at	IL17A	interleukin 17A	-1.092
Bt.4199.1.S1	at	IL1RN	interleukin 1 receptor antagonist	-1.715
Bt.12751.1.S1	at	IL7	interleukin 7	1.099
Bt.424.1.S1	at	IMPA1	inositol(myo)-1(or 4)-monophosphatase 1	1.080
Bt.28729.1.A1	at	ING2	inhibitor of growth family, member 2	1.179
Bt.15840.1.A1	at	INPP5F	inositol polyphosphate-5-phosphatase F	1.405
Bt.20716.1.S1	at	INSIG2	insulin induced gene 2	1.174
Bt.9603.1.A1	a at	INTS8	integrator complex subunit 8	1.291
Bt.9603.1.A1	at	INTS8	integrator complex subunit 8	1.302
Bt.22361.1.A1	at	INVS	inversin	1.151
Bt.24772.1.A1	at	IP6K1	inositol hexakisphosphate kinase 1	-1.181
Bt.27674.1.A1	at	IP6K3	inositol hexakisphosphate kinase 3	-1.105
Bt.13874.1.A1	at	IPO11	importin 11	1.651
Bt.24271.1.S1	at	IPO7	importin 7	1.389
Bt.8888.1.A1	at	IPO8	importin 8	1.129
Bt.21914.1.S1	at	IPP	intracisternal A particle-promoted polypeptide	1.563
Bt.25773.1.A1	at	IQCA1	IQ motif containing with AAA domain 1	-1.403
Bt.12550.2.S1	at	IQGAP3	IQ motif containing GTPase activating protein 3	-1.285
Bt.25297.1.A1	at	ISOC1	isochorismatase domain containing 1	1.106
Bt.8905.1.S1	at	ITCH	itchy E3 ubiquitin protein ligase	1.212
Bt.18735.1.S1	at	ITGB3BP	integrin beta 3 binding protein (beta3-endonexin)	2.370
Bt.18735.2.S1	at	ITGB3BP	integrin beta 3 binding protein (beta3-endonexin)	1.087
Bt.21243.1.A1	at	ITIH3	inter-alpha-trypsin inhibitor heavy chain 3	-1.111
Bt.26064.1.S1	at	ITPKA	inositol-trisphosphate 3-kinase A	-1.159
Bt.2864.1.A1	at	ITSN1	intersectin 1 (SH3 domain protein)	-1.153
Bt.6125.1.S1	at	JAG1	jagged 1	1.135
Bt.6431.1.S1	at	KAT2B	K(lysine) acetyltransferase 2B	-1.382
Bt.8145.3.S1	at	KDM5C	lysine (K)-specific demethylase 5C	-1.148
Bt.9129.1.S1	at	KDM6B	lysine (K)-specific demethylase 6B	-1.178
Bt.9533.1.S1	at	KDM6B	lysine (K)-specific demethylase 6B	-1.116
Bt.23288.1.S1	at	KHDRBS1	KH domain containing, RNA binding, signal transduction associated 1	-1.107
Bt.24626.1.S1	at	KIAA0020	KIAA0020	1.260
Bt.19119.2.A1	a at	KIAA0586	KIAA0586	1.137
Bt.16116.1.A1	at	KIAA1033	KIAA1033	1.240
Bt.16900.1.A1	at	KIAA1429	KIAA1429	1.152
Bt.24155.1.A1	at	KIAA1430	KIAA1430	1.278
Bt.19677.1.S1	at	KIAA1432	KIAA1432	1.231
Bt.19677.2.A1	at	KIAA1432	KIAA1432	1.475
Bt.24722.1.A1	at	KIAA1468	KIAA1468	1.361
Bt.26009.1.A1	at	KIAA1715	KIAA1715	1.401
Bt.16148.1.A1	at	KIAA1731	KIAA1731	1.228
Bt.26496.1.A1	a at	KIF12	kinesin family member 12	-1.209
Bt.22155.2.S1	at	KIF13A	kinesin family member 13A	1.138
Bt.14058.1.S1	at	KIF5B	kinesin family member 5B	1.373
Bt.24896.1.A1	at	KIFAP3	kinesin-associated protein 3	1.102
Bt.12804.1.S1	at	KIT	v-kit Hardy-Zuckerman 4 feline sarcoma viral oncogene homolog	-1.178
Bt.16916.2.A1	at	KLF11	Kruppel-like factor 11	-1.446
Bt.24522.3.S1	a at	KLF6	Kruppel-like factor 6	-1.394

Bt.27809.2.S1	at	KLHDC4	kelch domain containing 4	-1.114	
Bt.29907.2.S1	a	at	KLHDC8B	kelch domain containing 8B	-1.242
Bt.22405.1.A1	at	KLHL11	kelch-like family member 11	1.327	
Bt.12182.1.S1	at	KLHL18	kelch-like family member 18	1.116	
Bt.1950.1.S1	at	KPNA3	karyopherin alpha 3 (importin alpha 4)	1.241	
Bt.2663.2.S1	at	KRAS	Kirsten rat sarcoma viral oncogene homolog	-1.295	
Bt.24419.1.S1	at	KRR1	KRR1, small subunit (SSU) processome component, homolog (yeast)	1.686	
Bt.8032.1.S1	at	KTN1	kinectin 1 (kinesin receptor)	1.803	
Bt.28291.2.A1	a	at	LACE1	lactation elevated 1	1.141
Bt.7984.1.S1	at	LAMA4	laminin, alpha 4	1.093	
Bt.5935.2.S1	a	at	LAPTM4A	lysosomal protein transmembrane 4 alpha	1.392
Bt.4553.1.S1	at	LDB1	LIM domain binding 1	-1.155	
Bt.6000.1.A1	at	LGALS1	lectin, galactoside-binding-like	-1.882	
Bt.17591.1.S1	at	LGR4	leucine-rich repeat containing G protein-coupled receptor 4	2.037	
Bt.22500.1.A1	at	LINS	lines homolog (Drosophila)	1.132	
Bt.23622.1.A1	at	LIX1L	Lix1 homolog (mouse)-like	1.238	
Bt.7035.2.S1	at	LMNB2	lamin B2	-1.052	
Bt.25804.1.A1	at	LNX2	ligand of numb-protein X 2	-1.135	
Bt.6469.1.S1	at	LNX2	ligand of numb-protein X 2	1.416	
Bt.23209.1.S1	a	at	LPHN2	latrophilin 2	1.080
Bt.5387.1.S1	at	LPL	lipoprotein lipase	1.569	
Bt.13411.1.S1	at	LRBA	LPS-responsive vesicle trafficking, beach and anchor containing	1.309	
Bt.16499.3.S1	at	LRCH1	leucine-rich repeats and calponin homology (CH) domain containing 1	1.092	
Bt.3393.1.S1	at	LRIG1	leucine-rich repeats and immunoglobulin-like domains 1	1.618	
Bt.11322.1.A1	at	LRPPRC	leucine-rich pentatricopeptide repeat containing	1.111	
Bt.24230.1.S1	at	LRRC1	leucine rich repeat containing 1	1.196	
Bt.7011.1.S1	at	LSP1	lymphocyte-specific protein 1	-1.227	
Bt.21221.1.S1	at	LST1	leukocyte specific transcript 1	-1.818	
Bt.29573.1.A1	at	LTN1	listerin E3 ubiquitin protein ligase 1	1.276	
Bt.4767.1.S3	at	LYST	lysosomal trafficking regulator	1.266	
Bt.24563.1.S1	at	MAGI3	membrane associated guanylate kinase, WW and PDZ domain containing 3	1.199	
Bt.25498.1.S1	at	MAGIX	MAGI family member, X-linked	-1.342	
Bt.23831.1.A1	at	MAK16	MAK16 homolog (S. cerevisiae)	1.350	
Bt.28686.2.S1	at	MAL2	mal, T-cell differentiation protein 2 (gene/pseudogene)	-1.013	
Bt.1798.1.S1	at	MANBA	mannosidase, beta A, lysosomal	1.185	
Bt.7039.3.S1	at	MAP2K2	mitogen-activated protein kinase 2	-1.429	
Bt.22442.2.S1	a	at	MAPK12	mitogen-activated protein kinase 12	-1.225
Bt.18348.1.S1	at	MAPK11P1L	mitogen-activated protein kinase 1 interacting protein 1-like	1.279	
Bt.9268.1.S1	at	MARC1	mitochondrial amidoxime reducing component 1	1.237	
Bt.4121.1.S1	at	MARCH6	membrane-associated ring finger (C3HC4) 6, E3 ubiquitin protein ligase	1.241	
Bt.18862.1.S1	at	MARCH9	membrane-associated ring finger (C3HC4) 9	1.249	
Bt.4067.1.S1	a	at	MARCKS	myristoylated alanine-rich protein kinase C substrate	-1.214
Bt.24899.1.A1	at	MARK1	MAP/microtubule affinity-regulating kinase 1	-1.212	
Bt.5923.2.S1	at	MBD6	methyl-CpG binding domain protein 6	-1.081	
Bt.8671.1.S1	at	MBLAC2	metallo-beta-lactamase domain containing 2	1.215	
Bt.8669.2.S1	at	MBOAT2	membrane bound O-acyltransferase domain containing 2	1.013	
Bt.26558.1.S1	at	MBOAT7	membrane bound O-acyltransferase domain containing 7	-1.106	
Bt.553.1.S1	at	MC1R	melanocortin 1 receptor (alpha melanocyte stimulating hormone receptor)	-1.121	
Bt.12377.1.S1	at	MCM3AP	minichromosome maintenance complex component 3 associated protein	1.215	
Bt.28177.1.A1	at	MCTP2	multiple C2 domains, transmembrane 2	-1.335	
Bt.19409.1.A1	s	at	MDFIC	MyoD family inhibitor domain containing	1.332
Bt.11042.2.S1	at	MED13	mediator complex subunit 13	1.211	
Bt.28531.1.S1	at	MED23	mediator complex subunit 23	1.247	
Bt.26721.1.S1	a	at	MED27	mediator complex subunit 27	-1.214
Bt.29898.1.S1	at	MED28	mediator complex subunit 28	1.125	

Bt.13084.1.S1_at	MET	met proto-oncogene	-1.117
Bt.22463.1.A1_at	METTL18	methyltransferase like 18	1.574
Bt.13695.1.S1_at	MGRN1	mahogunin ring finger 1, E3 ubiquitin protein ligase	1.018
Bt.4025.1.S1_at	MIA3	melanoma inhibitory activity family, member 3	1.270
Bt.3735.1.A1_at	MLLT11	myeloid/lymphoid or mixed-lineage leukemia (trithorax homolog, Drosophila); translocated to, 11	1.318
Bt.16543.2.A1_at	MLXIPL	MLX interacting protein-like	-1.304
Bt.7046.2.A1_at	MMP14	matrix metalloproteinase 14 (membrane-inserted)	-1.139
Bt.2940.2.S1_at	MNAT1	MNAT CDK-activating kinase assembly factor 1	1.116
Bt.7172.1.S1_at	MOG	myelin oligodendrocyte glycoprotein	-1.371
Bt.23968.1.S1_at	MON2	MON2 homolog (S. cerevisiae)	1.320
Bt.5253.1.S1_at	MORF4L2	mortality factor 4 like 2	1.176
Bt.1135.1.A1_at	MPP5	membrane protein, palmitoylated 5 (MAGUK p55 subfamily member 5)	1.299
Bt.3472.1.A1_at	MRPL1	mitochondrial ribosomal protein L1	1.364
Bt.20058.1.S1_at	MRPL14	mitochondrial ribosomal protein L14	-1.269
Bt.5225.1.S1_at	MRPL3	mitochondrial ribosomal protein L3	1.253
Bt.20353.2.S1_a at	MRPL30	mitochondrial ribosomal protein L30	1.070
Bt.3811.1.S1_at	MRPS18B	mitochondrial ribosomal protein S18B	-1.241
Bt.635.1.S1_at	MSH2	mutS homolog 2	1.373
Bt.13435.1.A1_at	MST4	serine/threonine protein kinase MST4	1.266
Bt.22993.1.A1_at	MTERFD1	MTERF domain containing 1	1.070
Bt.6416.1.A1_at	MTG1	mitochondrial ribosome-associated GTPase 1	-1.223
Bt.6685.1.S1_at	MTHFD2	methylenetetrahydrofolate dehydrogenase (NADP+ dependent) 2, methylenetetrahydrofolate cyclohydrolase	1.525
Bt.6685.2.A1_at	MTHFD2	methylenetetrahydrofolate dehydrogenase (NADP+ dependent) 2, methylenetetrahydrofolate cyclohydrolase	1.685
Bt.23815.1.S1_at	MTMR6	myotubularin related protein 6	1.249
Bt.24521.1.A1_at	MTMR9	myotubularin related protein 9	1.090
Bt.26258.1.A1_at	MTO1	mitochondrial tRNA translation optimization 1	1.213
Bt.10699.1.S1_at	MTOR	mechanistic target of rapamycin (serine/threonine kinase)	1.155
Bt.8319.3.S1_at	MTUS1	microtubule associated tumor suppressor 1	-1.304
Bt.7169.1.S1_at	MUT	methylmalonyl CoA mutase	1.233
Bt.24866.1.S1_at	MYBPHL	myosin binding protein H-like	-1.193
Bt.20297.1.S1_at	MYD88	myeloid differentiation primary response 88	-1.338
Bt.16508.2.A1_at	MYO1E	myosin IE	-1.088
Bt.9983.1.S1_at	NAA10	N(alpha)-acetyltransferase 10, NatA catalytic subunit	-1.218
Bt.11914.1.A1_at	NAA30	N(alpha)-acetyltransferase 30, NatC catalytic subunit	1.372
Bt.23806.1.A1_at	NADK2	NAD kinase 2, mitochondrial	1.425
Bt.27085.1.S1_at	NAMPT	nicotinamide phosphoribosyltransferase	1.208
Bt.5542.1.A1_at	NAP1L1	nucleosome assembly protein 1-like 1	1.121
Bt.142.1.S1_at	NCF1	neutrophil cytosolic factor 1	-1.869
Bt.4950.1.S1_at	NDST2	N-deacetylase/N-sulfotransferase (heparan glucosaminyl) 2	1.120
Bt.298.1.S1_at	NDUFA12	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 12	1.090
Bt.66.1.S1_at	NDUFA3	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 3, 9kDa	-1.326
Bt.20.1.S1_at	NDUFA7	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 7, 14.5kDa	-1.164
Bt.14153.1.S1_at	Neb	nebulin	1.404
Bt.18215.1.A1_at	NEDD1	neural precursor cell expressed, developmentally down-regulated 1	1.300
Bt.14223.2.S1_at	NEDD4	neural precursor cell expressed, developmentally down-regulated 4, E3 ubiquitin protein ligase	1.089
Bt.275.1.S1_at	NEDD8	neural precursor cell expressed, developmentally down-regulated 8	-1.216
Bt.26303.1.A1_at	NEIL2	nei endonuclease VIII-like 2 (E. coli)	-1.096
Bt.11117.1.S1_at	NEMF	nuclear export mediator factor	1.148
Bt.2121.2.S1_at	NES	nestin	-1.120
Bt.24217.1.S1_at	NFE2	nuclear factor, erythroid 2	-1.580
Bt.12885.2.S1_at	NFE2L1	nuclear factor, erythroid 2-like 1	1.154
Bt.26602.1.S1_at	NHEJ1	nonhomologous end-joining factor 1	-1.184
Bt.20833.3.A1_at	NHLRC2	NHL repeat containing 2	-1.111
Bt.3023.1.S1_at	NIT1	nitrite reductase 1	1.109
Bt.29829.1.A1_at	NLRP5	NLR family, pyrin domain containing 5	-1.230

Bt.5340.1.S1_s_at	NME1	NME/NM23 nucleoside diphosphate kinase 1	-1.156
Bt.901.2.S1_a_at	NME6	NME/NM23 nucleoside diphosphate kinase 6	-1.196
Bt.6993.2.A1_a_at	NME7	NME/NM23 family member 7	1.215
Bt.1403.1.S1_at	NNT	nicotinamide nucleotide transhydrogenase	1.170
Bt.5120.1.S1_at	NNT	nicotinamide nucleotide transhydrogenase	1.158
Bt.2944.3.S1_a_at	NOP9	NOP9 nucleolar protein	-1.182
Bt.27958.1.A1_at	NPHP4	nephronophthisis 4	1.048
Bt.6316.1.S1_at	NR2F6	nuclear receptor subfamily 2, group F, member 6	1.115
Bt.10060.1.S1_at	NR4A2	nuclear receptor subfamily 4, group A, member 2	-1.007
Bt.7422.1.S1_at	NR5A1	nuclear receptor subfamily 5, group A, member 1	-1.081
Bt.18484.1.A1_at	NT5DC1	5'-nucleotidase domain containing 1	1.045
Bt.17301.2.S1_at	NUDCD1	NudC domain containing 1	1.133
Bt.24396.1.S1_at	NUDT11	nudix (nucleoside diphosphate linked moiety X)-type motif 11	-1.053
Bt.20668.1.A1_at	NUDT15	nudix (nucleoside diphosphate linked moiety X)-type motif 15	1.109
Bt.23653.1.S1_at	NUDT9	nudix (nucleoside diphosphate linked moiety X)-type motif 9	1.337
Bt.27258.1.S1_at	NUFIP1	nuclear fragile X mental retardation protein interacting protein 1	1.163
Bt.27529.2.A1_at	NUP155	nucleoporin 155kDa	1.201
Bt.24223.1.S1_at	NUP43	nucleoporin 43kDa	1.158
Bt.24544.2.S1_at	NUP85	nucleoporin 85kDa	-1.042
Bt.17812.1.S1_at	NUPL1	nucleoporin like 1	1.200
Bt.5400.1.S1_at	OAT	ornithine aminotransferase	1.079
Bt.13868.1.S1_at	OCLN	occludin	1.022
Bt.20701.1.A1_at	OGT	O-linked N-acetylglucosamine (GlcNAc) transferase	1.009
Bt.15664.1.S1_at	OLA1	Obg-like ATPase 1	1.103
Bt.367.1.S1_at	OLR1	oxidized low density lipoprotein (lectin-like) receptor 1	2.065
Bt.13189.2.S1_at	ORC4	origin recognition complex, subunit 4	1.757
Bt.16126.1.S1_at	OTUD4	OTU domain containing 4	1.302
Bt.24603.1.S1_at	OTUD6B	OTU domain containing 6B	1.190
Bt.11173.1.S1_at	OXL1	oxidoreductase-like domain containing 1	1.085
Bt.13115.1.S1_at	P2RX7	purinergic receptor P2X, ligand-gated ion channel, 7	-1.240
Bt.7014.1.S1_at	PAICS	phosphoribosylaminoimidazole carboxylase, phosphoribosylaminoimidazole succinocarboxamide synthetase	1.173
Bt.18259.1.A1_at	PAK6	p21 protein (Cdc42/Rac)-activated kinase 6	-1.069
Bt.6069.1.S1_at	PALM2-AKAP	PALM2-AKAP2 readthrough	1.405
Bt.1861.1.S1_at	PAN3	PAN3 poly(A) specific ribonuclease subunit homolog (S. cerevisiae)	1.244
Bt.26736.2.S1_at	PANK3	pantothenate kinase 3	1.076
Bt.5902.1.A1_at	PAPD7	PAP associated domain containing 7	1.130
Bt.23827.1.A1_at	PAPOLA	poly(A) polymerase alpha	1.237
Bt.4331.1.S1_at	PARL	presenilin associated, rhomboid-like	1.129
Bt.24636.1.A1_at	PAX8	paired box 8	-1.160
Bt.11182.2.S1_a_at	PAXBP1	PAX3 and PAX7 binding protein 1	1.545
Bt.23171.2.S1_at	PCBD1	pterin-4 alpha-carbinolamine dehydratase/dimerization cofactor of hepatocyte nuclear factor 1 alpha	-1.845
Bt.22483.1.S1_at	PCGF6	polycomb group ring finger 6	1.620
Bt.13263.1.S1_at	PCM1	pericentriolar material 1	1.274
Bt.29945.1.S1_at	PCMTD1	protein-L-isoaspartate (D-aspartate) O-methyltransferase domain containing 1	1.179
Bt.3373.1.A1_at	PDCD1	programmed cell death 1	-1.310
Bt.23083.1.S2_at	PDCL	phosducin-like	-1.284
Bt.4531.1.S1_at	PDDC1	Parkinson disease 7 domain containing 1	-1.229
Bt.26295.1.A1_at	PDE4D	phosphodiesterase 4D, cAMP-specific	-1.393
Bt.23128.1.S1_at	PDIA4	protein disulfide isomerase family A, member 4	1.165
Bt.28108.1.S1_at	PKD3	pyruvate dehydrogenase kinase, isozyme 3	-1.387
Bt.8041.2.S1_at	PEF1	penta-EF-hand domain containing 1	-1.196
Bt.20771.1.A1_at	PEX1	peroxisomal biogenesis factor 1	1.456
Bt.23704.1.A1_at	PEX2	peroxisomal biogenesis factor 2	1.242
Bt.10901.1.A1_at	PEX5	peroxisomal biogenesis factor 5	1.014
Bt.1244.1.S1_at	PGD	phosphogluconate dehydrogenase	-1.554

Bt.17618.1.S1_at	PGGT1B	protein geranylgeranyltransferase type I, beta subunit	1.279
Bt.10615.1.S1_at	PHACTR4	phosphatase and actin regulator 4	1.174
Bt.13713.2.S1_at	PHAX	phosphorylated adaptor for RNA export	1.385
Bt.4119.1.S1_at	PIAS1	protein inhibitor of activated STAT, 1	-1.313
Bt.20008.1.S1_at	PIAS3	protein inhibitor of activated STAT, 3	1.090
Bt.24845.1.A1_at	PIK3CA	phosphatidylinositol-4,5-bisphosphate 3-kinase, catalytic subunit alpha	1.577
Bt.11521.2.A1_a_at	PLAC9	placenta-specific 9	-1.120
Bt.24137.1.A1_at	PLAGL1	pleiomorphic adenoma gene-like 1	1.250
Bt.12805.1.S1_at	PLBD1	phospholipase B domain containing 1	-1.335
Bt.28709.1.A1_at	PLCL1	phospholipase C-like 1	1.144
Bt.7888.1.S1_at	PLD3	phospholipase D family, member 3	-1.069
Bt.26665.1.S1_at	PLEKHA4	pleckstrin homology domain containing, family A (phosphoinositide binding specific) member 4	-1.111
Bt.13549.1.A1_at	PNISR	PNN-interacting serine/arginine-rich protein	1.449
Bt.27832.1.S1_at	PNKD	paroxysmal nonkinesigenic dyskinesia	-1.178
Bt.22769.1.S1_at	PNN	pinin, desmosome associated protein	1.370
Bt.26947.1.S1_at	POC5	POC5 centriolar protein	1.110
Bt.13291.2.S1_at	POGZ	pogo transposable element with ZNF domain	-1.074
Bt.17284.1.S1_at	POLD4	polymerase (DNA-directed), delta 4, accessory subunit	-1.123
Bt.27081.1.S1_at	POLK	polymerase (DNA directed) kappa	1.730
Bt.10981.1.A1_a_at	POLR1E	polymerase (RNA) I polypeptide E, 53kDa	1.242
Bt.13887.1.S1_at	POLR2L	polymerase (RNA) II (DNA directed) polypeptide L, 7.6kDa	-1.202
Bt.11938.1.A1_at	POLR3E	polymerase (RNA) III (DNA directed) polypeptide E (80kD)	1.250
Bt.4397.1.S1_at	POMT1	protein-O-mannosyltransferase 1	1.050
Bt.23599.1.S1_at	PON2	paraoxonase 2	1.180
Bt.13264.1.S1_at	PPARD	peroxisome proliferator-activated receptor delta	-1.262
Bt.9312.1.A1_at	PPIL4	peptidylprolyl isomerase (cyclophilin)-like 4	1.204
Bt.4671.1.S1_at	PPM1A	protein phosphatase, Mg2+/Mn2+ dependent, 1A	1.156
Bt.21201.1.S1_at	PPM1B	protein phosphatase, Mg2+/Mn2+ dependent, 1B	1.387
Bt.5004.1.S1_at	PPM1B	protein phosphatase, Mg2+/Mn2+ dependent, 1B	1.199
Bt.18634.1.A1_at	PPM1K	protein phosphatase, Mg2+/Mn2+ dependent, 1K	1.095
Bt.3888.2.S1_at	PPME1	protein phosphatase methylesterase 1	1.095
Bt.14737.1.A1_s_at	PPP1R15B	protein phosphatase 1, regulatory subunit 15B	1.114
Bt.10942.1.S1_at	PPP1R18	protein phosphatase 1, regulatory subunit 18	-1.171
Bt.4355.1.S1_at	PRDX5	peroxiredoxin 5	-1.193
Bt.21975.1.S1_at	PRF1	perforin 1 (pore forming protein)	-1.201
Bt.11314.1.S1_at	PRKDC	protein kinase, DNA-activated, catalytic polypeptide	1.116
Bt.16567.1.A1_at	PRKRA	protein kinase, interferon-inducible double stranded RNA dependent activator	1.107
Bt.4737.1.S2_at	PRNP	prion protein	1.180
Bt.4737.1.S2_s_at	PRNP	prion protein	1.857
Bt.17154.1.S1_at	PRPF18	pre-mRNA processing factor 18	1.170
Bt.28197.1.S1_at	PRPF4B	PRP4 pre-mRNA processing factor 4 homolog B (yeast)	1.447
Bt.28286.1.S1_at	PRSS8	protease, serine, 8	-1.253
Bt.1290.1.A1_a_at	PSMB2	proteasome (prosome, macropain) subunit, beta type, 2	-1.147
Bt.22570.1.S1_at	PSMC6	proteasome (prosome, macropain) 26S subunit, ATPase, 6	1.628
Bt.22718.1.A1_at	PSME4	proteasome (prosome, macropain) activator subunit 4	1.576
Bt.20110.1.S1_at	PSMF1	proteasome (prosome, macropain) inhibitor subunit 1 (PI31)	-1.239
Bt.3770.1.S1_at	PSMG1	proteasome (prosome, macropain) assembly chaperone 1	1.093
Bt.5964.2.S1_at	PSPC1	paraspeckle component 1	1.209
Bt.27364.1.S1_at	PTAFR	platelet-activating factor receptor	-1.527
Bt.11487.1.A1_at	PTCD3	pentatricopeptide repeat domain 3	1.157
Bt.1645.1.S1_at	PTGDS	prostaglandin D2 synthase 21kDa (brain)	-1.003
Bt.9662.1.S1_at	PTGER4	prostaglandin E receptor 4 (subtype EP4)	1.190
Bt.14040.1.S1_at	PTGR2	prostaglandin reductase 2	1.269
Bt.10417.1.S1_at	PTK2	protein tyrosine kinase 2	1.132
Bt.11448.1.S1_at	PTMA	prothymosin, alpha	-1.062

Bt.19859.2.S1_at	PTPN11	protein tyrosine phosphatase, non-receptor type 11	1.370
Bt.5906.1.S1_at	PTPN11	protein tyrosine phosphatase, non-receptor type 11	1.365
Bt.28758.1.A1_at	PTPN12	protein tyrosine phosphatase, non-receptor type 12	1.252
Bt.24652.1.A1_at	PTPN2	protein tyrosine phosphatase, non-receptor type 2	1.304
Bt.21812.1.S1_at	PTPN21	protein tyrosine phosphatase, non-receptor type 21	-1.314
Bt.24016.1.A1_at	PTPRC	protein tyrosine phosphatase, receptor type, C	-1.009
Bt.12659.1.S1_at	PWP1	PWP1 homolog (S. cerevisiae)	1.204
Bt.1770.2.A1_at	PXDN	peroxidasin homolog (Drosophila)	-1.091
Bt.9022.1.S1_at	QRICH1	glutamine-rich 1	1.085
Bt.11464.1.S1_at	QSOX2	quiescin Q6 sulfhydryl oxidase 2	1.279
Bt.13979.1.S1_at	RAB18	RAB18, member RAS oncogene family	1.287
Bt.9406.1.S1_at	RAB26	RAB26, member RAS oncogene family	-1.079
Bt.6988.1.S1_at	RAB3GAP1	RAB3 GTPase activating protein subunit 1 (catalytic)	1.138
Bt.14853.1.A1_at	RAB3IP	RAB3A interacting protein	1.247
Bt.4907.2.S1_a_at	RAB8A	RAB8A, member RAS oncogene family	-1.424
Bt.3243.2.S1_a_at	RAB9A	RAB9A, member RAS oncogene family	1.012
Bt.26479.1.S1_at	RABEP1	rabaptin, RAB GTPase binding effector protein 1	1.323
Bt.7696.1.S1_at	RABGGTA	Rab geranylgeranyltransferase, alpha subunit	-1.166
Bt.14643.1.A1_at	RAD17	RAD17 homolog (S. pombe)	1.402
Bt.11955.1.S1_at	RAD23B	RAD23 homolog B (S. cerevisiae)	1.088
Bt.11468.1.S1_at	RALGAPB	Ral GTPase activating protein, beta subunit (non-catalytic)	1.234
Bt.4771.2.S1_at	RANBP2	RAN binding protein 2	1.372
Bt.29405.1.A1_at	RAP1A	RAP1A, member of RAS oncogene family	-1.060
Bt.8306.1.S1_at	RARA	retinoic acid receptor, alpha	-1.337
Bt.177.1.S1_at	RASA1	RAS p21 protein activator (GTPase activating protein) 1	1.203
Bt.4908.1.S1_at	RBBP7	retinoblastoma binding protein 7	1.064
Bt.29899.2.S1_at	RBM15B	RNA binding motif protein 15B	-1.223
Bt.22438.1.S1_at	RBM47	RNA binding motif protein 47	-1.506
Bt.11059.1.S1_at	RBM5	RNA binding motif protein 5	1.197
Bt.1699.3.S1_a_at	RBPJ	recombination signal binding protein for immunoglobulin kappa J region	-1.188
Bt.20244.1.S1_at	RCE1	RCE1 homolog, prenyl protein protease (S. cerevisiae)	-1.099
Bt.26143.1.A1_at	RCOR3	REST corepressor 3	1.398
Bt.22516.1.A1_at	RDH14	retinol dehydrogenase 14 (all-trans/9-cis/11-cis)	1.455
Bt.1521.1.S1_at	RDX	radixin	1.250
Bt.25319.2.S1_at	REV3L	REV3-like, polymerase (DNA directed), zeta, catalytic subunit	1.225
Bt.17947.1.S1_at	RGD1563319	similar to RIKEN cDNA 6330512M04 gene	-1.267
Bt.27074.1.A1_at	RGS14	regulator of G-protein signaling 14	-1.112
Bt.9491.1.S1_at	RHEB	Ras homolog enriched in brain	1.417
Bt.20201.1.S1_at	RIF1	RAP1 interacting factor homolog (yeast)	1.581
Bt.19348.1.A1_at	RIOK2	RIO kinase 2	1.202
Bt.22359.2.A1_at	RIOK3	RIO kinase 3	-1.479
Bt.287.1.S1_at	RNASE6	ribonuclease, RNase A family, k6	-1.349
Bt.21995.1.S1_at	RNF123	ring finger protein 123	-1.105
Bt.6028.1.S1_at	RNF123	ring finger protein 123	1.120
Bt.10723.1.S1_at	RNF13	ring finger protein 13	1.430
Bt.9658.1.S1_at	RNF146	ring finger protein 146	1.213
Bt.6434.1.S1_at	RNF149	ring finger protein 149	-1.363
Bt.616.2.S1_a_at	RNF166	ring finger protein 166	-1.202
Bt.6014.1.S1_at	RNF168	ring finger protein 168, E3 ubiquitin protein ligase	1.302
Bt.20098.1.S1_at	RNF187	ring finger protein 187	-1.196
Bt.24153.1.A1_at	RNF43	ring finger protein 43	-1.216
Bt.25424.1.A1_at	RNMTL1	RNA methyltransferase like 1	-1.278
Bt.6645.2.A1_at	RNPC3	RNA-binding region (RNP1, RRM) containing 3	-1.393
Bt.16093.1.S1_at	RPF2	ribosome production factor 2 homolog (S. cerevisiae)	1.645
Bt.21534.2.A1_at	RPL32	ribosomal protein L32	1.251

Bt.3665.1.S1_at	RPL4	ribosomal protein L4	1.331
Bt.5348.1.S2_at	RPL6	ribosomal protein L6	1.212
Bt.14159.2.S1_at	RPL7L1	ribosomal protein L7-like 1	1.148
Bt.29916.1.S1_at	RPRD1B	regulation of nuclear pre-mRNA domain containing 1B	1.192
Bt.3779.1.S2_at	RPS15A	ribosomal protein S15a	1.404
Bt.13410.1.S1_at	RPS6KA3	ribosomal protein S6 kinase, 90kDa, polypeptide 3	1.220
Bt.21765.1.S1_at	RRAGD	Ras-related GTP binding D	-1.167
Bt.3504.1.S1_at	RRAS2	related RAS viral (r-ras) oncogene homolog 2	1.249
Bt.24213.1.A1_at	RRN3	RRN3 RNA polymerase I transcription factor homolog (<i>S. cerevisiae</i>)	1.286
Bt.29418.1.A1_at	RSAD1	radical S-adenosyl methionine domain containing 1	1.032
Bt.2534.2.S1_at	RSL24D1	ribosomal L24 domain containing 1	1.135
Bt.20228.1.S1_at	RTN2	reticulum 2	-1.096
Bt.28756.1.A1_s_at	RUSC1	RUN and SH3 domain containing 1	-1.133
Bt.16201.1.S1_at	S100A9	S100 calcium binding protein A9	-1.673
Bt.16201.2.A1_at	S100A9	S100 calcium binding protein A9	-1.811
Bt.13455.1.S1_at	SACM1L	SAC1 suppressor of actin mutations 1-like (yeast)	1.264
Bt.7594.1.S1_at	SATL1	spermidine/spermine N1-acetyl transferase-like 1	1.609
Bt.16448.2.A1_at	SCAF11	SR-related CTD-associated factor 11	1.076
Bt.26408.1.A1_at	SCAF11	SR-related CTD-associated factor 11	1.240
Bt.3980.1.S1_at	SCIN	scinderin	1.108
Bt.17657.1.A1_at	SCLT1	sodium channel and clathrin linker 1	1.709
Bt.11188.1.S1_at	SCP2	sterol carrier protein 2	1.438
Bt.21542.1.S1_at	SCYL2	SCY1-like 2 (<i>S. cerevisiae</i>)	1.304
Bt.19687.1.A1_at	SDAD1	SDA1 domain containing 1	1.421
Bt.4753.1.S1_at	SDF2	stromal cell-derived factor 2	1.253
Bt.5878.1.A1_at	SDS	serine dehydratase	-1.765
Bt.5878.2.S1_at	SDS	serine dehydratase	-2.085
Bt.13469.1.S1_at	SDSL	serine dehydratase-like	-1.739
Bt.27195.1.S1_at	SEC24B	SEC24 family, member B (<i>S. cerevisiae</i>)	1.402
Bt.27492.1.S1_at	SEC31B	SEC31 homolog B (<i>S. cerevisiae</i>)	-1.018
Bt.4410.1.S1_at	SEC61B	Sec61 beta subunit	-1.149
Bt.27099.1.A1_at	SEC62	SEC62 homolog (<i>S. cerevisiae</i>)	1.260
Bt.13419.1.S1_at	SEC63	SEC63 homolog (<i>S. cerevisiae</i>)	1.261
Bt.24923.1.S1_at	SEL1L3	sel-1 suppressor of lin-12-like 3 (<i>C. elegans</i>)	1.136
Bt.3339.1.S1_at	SEMA4A	sema domain, immunoglobulin domain (Ig), transmembrane domain (TM) and short cytoplasmic domain, (semaphorin) 4A	-1.318
Bt.11797.2.S1_at	SEPT11	septin 11	1.477
Bt.6830.1.S1_at	SEPT7	septin 7	1.199
Bt.16072.1.S1_at	SERINC1	serine incorporator 1	1.260
Bt.11574.1.A1_at	SERPINC1	serpin peptidase inhibitor, clade C (antithrombin), member 1	1.108
Bt.11589.1.A1_at	SERPIND1	serpin peptidase inhibitor, clade D (heparin cofactor), member 1	-1.189
Bt.19231.1.S1_at	SERPINI1	serpin peptidase inhibitor, clade I (neuroserpin), member 1	1.326
Bt.1268.1.A1_at	SETD7	SET domain containing (lysine methyltransferase) 7	1.507
Bt.10359.1.S1_at	SF3B1	splicing factor 3b, subunit 1, 155kDa	1.284
Bt.8335.1.S1_at	SFT2D2	SFT2 domain containing 2	1.620
Bt.8126.1.S1_at	SFTPC	surfactant protein C	-1.113
Bt.16590.1.A1_at	SFXN5	sideroflexin 5	-1.296
Bt.29910.1.S1_at	SGCE	sarcoglycan, epsilon	-1.109
Bt.28083.1.S1_at	SH2D1A	SH2 domain containing 1A	1.529
Bt.5323.1.S1_at	SH3YL1	SH3 domain containing, Ysc84-like 1 (<i>S. cerevisiae</i>)	1.755
Bt.20287.2.S1_at	SHF	Src homology 2 domain containing F	-1.070
Bt.6038.1.S1_at	SIGLEC1	sialic acid binding Ig-like lectin 1, sialoadhesin	-1.074
Bt.21213.1.S1_at	SKIL	SKI-like oncogene	1.142
Bt.7585.1.S1_at	SLC12A4	solute carrier family 12 (potassium/chloride transporter), member 4	1.085
Bt.6369.1.A1_a_at	SLC16A11	solute carrier family 16, member 11	-1.204
Bt.24802.2.S1_a_at	SLC16A3	solute carrier family 16 (monocarboxylate transporter), member 3	-1.075

Bt.25096.1.S1_at	SLC20A1	solute carrier family 20 (phosphate transporter), member 1	-1.064
Bt.2989.2.S1_at	SLC25A12	solute carrier family 25 (aspartate/glutamate carrier), member 12	1.132
Bt.22577.1.S1_at	SLC25A33	solute carrier family 25 (pyrimidine nucleotide carrier), member 33	-1.361
Bt.28620.1.S1_at	SLC27A2	solute carrier family 27 (fatty acid transporter), member 2	1.172
Bt.27827.1.S1_at	SLC30A2	solute carrier family 30 (zinc transporter), member 2	-1.283
Bt.26811.1.S1_at	SLC30A5	solute carrier family 30 (zinc transporter), member 5	1.195
Bt.28697.1.S1_at	SLC31A1	solute carrier family 31 (copper transporter), member 1	1.167
Bt.20651.1.S1_at	SLC35F5	solute carrier family 35, member F5	1.293
Bt.8828.1.S1_at	SLC38A10	solute carrier family 38, member 10	1.118
Bt.9238.1.S1_at	SLC38A2	solute carrier family 38, member 2	1.285
Bt.26319.1.A1_at	SLC39A4	solute carrier family 39 (zinc transporter), member 4	-1.250
Bt.25759.1.A1_at	SLC39A6	solute carrier family 39 (zinc transporter), member 6	1.393
Bt.24374.1.S1_at	SLC44A4	solute carrier family 44, member 4	-1.188
Bt.27348.1.S1_at	SLC4A11	solute carrier family 4, sodium borate transporter, member 11	1.129
Bt.759.1.S1_at	SLC4A2	solute carrier family 4 (anion exchanger), member 2	-1.047
Bt.22458.1.S1_at	SLC7A6OS	solute carrier family 7, member 6 opposite strand	1.168
Bt.29772.1.S1_at	SLC8A1	solute carrier family 8 (sodium/calcium exchanger), member 1	-1.225
Bt.28535.1.S1_at	SLC9A6	solute carrier family 9, subfamily A (NHE6, cation proton antiporter 6), member 6	1.320
Bt.20449.1.S1_at	SLMO2	slowmo homolog 2 (Drosophila)	1.246
Bt.27318.1.S1_at	SMARCA1	SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a, member 1	1.351
Bt.27590.2.S1_at	SMARCA4	SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a, member 4	-1.239
Bt.6585.1.S1_at	SMARCC1	SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily c, member 1	1.128
Bt.5290.1.S1_at	SMC3	structural maintenance of chromosomes 3	1.530
Bt.13336.1.A1_at	SMC4	structural maintenance of chromosomes 4	1.608
Bt.29290.1.S1_at	SMG1	SMG1 phosphatidylinositol 3-kinase-related kinase	1.171
Bt.29422.1.S1_at	SMIM5	small integral membrane protein 5	-1.244
Bt.3716.1.A1_at	SMPD3	sphingomyelin phosphodiesterase 3, neutral membrane (neutral sphingomyelinase II)	-2.628
Bt.2993.2.A1_at	SMTNL1	smoothelin-like 1	-1.306
Bt.8570.1.A1_at	SNAP23	synaptosomal-associated protein, 23kDa	1.305
Bt.16401.1.A1_at	SNAPC1	small nuclear RNA activating complex, polypeptide 1, 43kDa	1.283
Bt.18328.2.A1_a_at	SNCAIP	synuclein, alpha interacting protein	-1.002
Bt.2840.1.S1_at	SNRNP3	small nuclear ribonucleoprotein D3 polypeptide 18kDa	-1.169
Bt.27627.1.A1_at	SNTA1	syntrophin, alpha 1	-1.060
Bt.26946.1.S1_at	SNX2	sorting nexin 2	1.483
Bt.7574.1.S1_at	SNX4	sorting nexin 4	1.434
Bt.9637.1.S1_at	SNX5	sorting nexin 5	1.047
Bt.22739.1.A1_at	SOCS4	suppressor of cytokine signaling 4	1.936
Bt.1405.1.S1_at	SORBS3	sorbin and SH3 domain containing 3	-1.114
Bt.15038.1.A1_at	SPATA5	spermatogenesis associated 5	1.216
Bt.25837.1.S1_at	SPDL1	spindle apparatus coiled-coil protein 1	-1.158
Bt.8721.1.A1_at	SPEF1	sperm flagellar 1	-1.185
Bt.7399.1.S1_at	SPIRE1	spire-type actin nucleation factor 1	-1.268
Bt.29908.1.S1_at	SREK1	splicing regulatory glutamine/lysine-rich protein 1	1.375
Bt.4550.1.A1_at	SREK1	splicing regulatory glutamine/lysine-rich protein 1	1.702
Bt.20106.1.S1_at	SRPK2	SRSF protein kinase 2	-1.442
Bt.2046.1.S1_at	SRPX	sushi-repeat containing protein, X-linked	-1.001
Bt.651.1.S1_at	Srsf10	serine/arginine-rich splicing factor 10	1.247
Bt.9695.1.S1_at	SS18	synovial sarcoma translocation, chromosome 18	1.328
Bt.15513.1.S1_at	SSB	Sjogren syndrome antigen B (autoantigen La)	1.225
Bt.22364.1.S1_at	STAT4	signal transducer and activator of transcription 4	1.108
Bt.8712.1.S1_at	STIM1	stromal interaction molecule 1	1.174
Bt.8650.1.A1_at	STIM2	stromal interaction molecule 2	1.530
Bt.6394.1.A1_at	STK40	serine/threonine kinase 40	-1.239
Bt.15739.1.S1_at	STRA13	stimulated by retinoic acid 13	-1.213
Bt.7161.1.S1_at	STRBP	spermatid perinuclear RNA binding protein	1.403

Bt.15307.1.A1	at	STT3B	STT3B, subunit of the oligosaccharyltransferase complex (catalytic)	1.195
Bt.22728.1.S1	at	STX12	syntaxin 12	1.493
Bt.8736.1.S1	at	SUCO	SUN domain containing ossification factor	1.396
Bt.20362.1.S1	at	SUGP2	SURP and G patch domain containing 2	-1.183
Bt.18008.1.S1	at	SYS1	SYS1 Golgi-localized integral membrane protein homolog (S. cerevisiae)	-1.161
Bt.1985.1.S1	at	SYS1	SYS1 Golgi-localized integral membrane protein homolog (S. cerevisiae)	-1.332
Bt.27584.1.S1	at	SYT3	synaptotagmin III	-1.200
Bt.3163.1.A1	at	TAB2	TGF-beta activated kinase 1/MAP3K7 binding protein 2	1.200
Bt.6004.1.S1	at	TACC1	transforming, acidic coiled-coil containing protein 1	1.288
Bt.18422.2.A1	at	TADA2B	transcriptional adaptor 2B	-1.173
Bt.19144.1.A1	at	TADA2B	transcriptional adaptor 2B	-1.109
Bt.28864.1.A1	at	TAF5	TAF5 RNA polymerase II, TATA box binding protein (TBP)-associated factor, 100kDa	1.193
Bt.16055.2.S1	a at	TAGLN	transgelin	-1.064
Bt.20320.1.S1	at	TANGO2	transport and golgi organization 2 homolog (Drosophila)	-1.129
Bt.13331.2.S1	a at	TANK	TRAF family member-associated NFKB activator	1.412
Bt.4728.1.S1	at	TARBP2	TAR (HIV-1) RNA binding protein 2	-1.150
Bt.20105.1.A1	at	TAX1BP1	Tax1 (human T-cell leukemia virus type I) binding protein 1	1.431
Bt.20105.2.S1	at	TAX1BP1	Tax1 (human T-cell leukemia virus type I) binding protein 1	1.342
Bt.21764.1.S1	at	TBC1D15	TBC1 domain family, member 15	1.661
Bt.9241.1.A1	at	TBC1D20	TBC1 domain family, member 20	-1.305
Bt.10044.3.A1	a at	TBC1D31	TBC1 domain family, member 31	1.253
Bt.3535.1.S1	at	TBC1D9B	TBC1 domain family, member 9B (with GRAM domain)	-1.132
Bt.13516.2.S1	at	TBXAS1	thromboxane A synthase 1 (platelet)	-1.075
Bt.3940.1.S1	at	TCF12	transcription factor 12	1.285
Bt.11140.3.A1	at	TCF7L1	transcription factor 7-like 1 (T-cell specific, HMG-box)	-1.076
Bt.27244.1.A1	at	TENM2	teneurin transmembrane protein 2	-1.195
Bt.10360.1.S1	at	TET2	tet methylcytosine dioxygenase 2	1.473
Bt.10360.2.S1	a at	TET2	tet methylcytosine dioxygenase 2	1.183
Bt.9755.1.S1	at	TEX2	testis expressed 2	1.205
Bt.19676.1.S1	at	TFB2M	transcription factor B2, mitochondrial	1.367
Bt.29403.1.S1	at	TFF2	trefoil factor 2	-2.339
Bt.6438.1.A1	at	TGFB2	transforming growth factor, beta 2	-4.445
Bt.10051.1.A1	at	THAP9	THAP domain containing 9	1.291
Bt.20599.1.S1	at	THOC1	THO complex 1	1.106
Bt.3953.1.S1	at	THOC3	THO complex 3	1.233
Bt.15754.1.S1	at	TIAL1	TIA1 cytotoxic granule-associated RNA binding protein-like 1	1.139
Bt.29080.2.S1	at	TINAG	tubulointerstitial nephritis antigen	-1.095
Bt.24333.1.S1	at	TLK1	tousled-like kinase 1	1.231
Bt.4563.1.S1	at	TM9SF2	transmembrane 9 superfamily member 2	1.157
Bt.28974.1.A1	at	TMEM141	transmembrane protein 141	-1.085
Bt.11176.1.S1	at	TMEM14A	transmembrane protein 14A	1.514
Bt.25421.1.S1	at	TMEM161A	transmembrane protein 161A	1.300
Bt.26927.1.S1	at	TMEM180	transmembrane protein 180	-1.092
Bt.26927.2.S1	a at	TMEM180	transmembrane protein 180	-1.150
Bt.26407.1.A1	at	TMEM181	transmembrane protein 181	1.107
Bt.10557.1.S1	at	TMEM243	transmembrane protein 243, mitochondrial	1.565
Bt.20214.1.A1	at	TMEM38B	transmembrane protein 38B	1.444
Bt.13337.1.A1	at	TMEM66	transmembrane protein 66	1.070
Bt.29926.3.S1	at	TMEM68	transmembrane protein 68	1.272
Bt.13349.1.S1	at	TMEM70	transmembrane protein 70	1.535
Bt.1322.1.S1	at	TMX1	thioredoxin-related transmembrane protein 1	1.165
Bt.13222.1.S1	at	TMX3	thioredoxin-related transmembrane protein 3	1.230
Bt.21407.1.A1	at	TNMD	tenomodulin	-1.118
Bt.13716.3.S1	at	TONSL	tonsoku-like, DNA repair protein	-1.138
Bt.23559.1.S1	at	TPK1	thiamin pyrophosphokinase 1	1.192

Bt.24761.1.A1_at	TPO	thyroid peroxidase	-1.221
Bt.8794.1.A1_at	TPST1	tyrosylprotein sulfotransferase 1	1.116
Bt.24377.1.S1_at	TRAPPC6B	trafficking protein particle complex 6B	1.681
Bt.24377.2.S1_at	TRAPPC6B	trafficking protein particle complex 6B	1.123
Bt.9208.1.S1_at	TREM1	triggering receptor expressed on myeloid cells 1	-1.392
Bt.26590.1.A1_at	TRIM10	tripartite motif containing 10	-1.528
Bt.6328.1.S1_at	TRIP12	thyroid hormone receptor interactor 12	1.242
Bt.29713.1.S1_at	TRPC5	transient receptor potential cation channel, subfamily C, member 5	-1.073
Bt.20335.2.S1_at	TRUB2	TruB pseudouridine (psi) synthase family member 2	-1.032
Bt.20335.3.S1_at	TRUB2	TruB pseudouridine (psi) synthase family member 2	-1.704
Bt.20064.2.S1_at	TSHZ1	teashirt zinc finger homeobox 1	1.216
Bt.24341.1.S1_at	TSPAN2	tetraspanin 2	-1.202
Bt.21730.2.S1_a_at	TSPAN4	tetraspanin 4	1.026
Bt.7429.1.S1_at	TSPYL2	TSPY-like 2	-1.143
Bt.4595.1.S1_at	TSR2	TSR2, 20S rRNA accumulation, homolog (S. cerevisiae)	1.332
Bt.2447.1.S1_at	TTC13	tetratricopeptide repeat domain 13	1.468
Bt.22001.1.A1_at	TTC14	tetratricopeptide repeat domain 14	1.398
Bt.1200.2.A1_a_at	TTC27	tetratricopeptide repeat domain 27	1.149
Bt.2007.1.S1_at	TTC32	tetratricopeptide repeat domain 32	-1.030
Bt.5445.2.A1_at	TUBB2B	tubulin, beta 2B class IIb	1.078
Bt.21690.2.S1_at	TUT1	terminal uridylyl transferase 1, U6 snRNA-specific	1.045
Bt.1890.1.S1_at	TVP23B	trans-golgi network vesicle protein 23 homolog B (S. cerevisiae)	1.372
Bt.13392.1.S1_at	TWISTNB	TWIST neighbor	1.312
Bt.24888.1.A1_at	TXK	TXK tyrosine kinase	1.058
Bt.16752.1.A1_at	TXNDC9	thioredoxin domain containing 9	2.177
Bt.9716.1.A1_at	TXNL1	thioredoxin-like 1	1.102
Bt.29116.1.A1_at	U2SURP	U2 snRNP-associated SURP domain containing	1.330
Bt.6832.1.S1_at	U2SURP	U2 snRNP-associated SURP domain containing	1.209
Bt.22527.2.S1_at	UAP1	UDP-N-acetylglucosamine pyrophosphorylase 1	-1.120
Bt.6015.1.S1_at	UAP1L1	UDP-N-acetylglucosamine pyrophosphorylase 1-like 1	-1.064
Bt.12167.1.S1_at	UBAC2	UBA domain containing 2	-1.229
Bt.2878.1.S1_at	Ubb	ubiquitin B	-1.272
Bt.2878.1.S1_x_at	Ubb	ubiquitin B	-1.217
Bt.5897.2.S1_at	UBD	ubiquitin D	1.823
Bt.23894.1.A1_at	UBE2J1	ubiquitin-conjugating enzyme E2, J1	1.198
Bt.15314.1.A1_at	UBE2V2	ubiquitin-conjugating enzyme E2 variant 2	1.298
Bt.6793.1.S1_at	UBE2W	ubiquitin-conjugating enzyme E2W (putative)	1.548
Bt.20945.1.S1_at	UBL3	ubiquitin-like 3	1.198
Bt.2532.1.S1_at	UBL7	ubiquitin-like 7 (bone marrow stromal cell-derived)	-1.190
Bt.1089.1.A1_at	UBLCP1	ubiquitin-like domain containing CTD phosphatase 1	1.381
Bt.8582.1.S1_at	UBN1	ubiquitin 1	1.200
Bt.26593.1.A1_at	UBQLN2	ubiquilin 2	1.217
Bt.24596.1.A1_at	UBR3	ubiquitin protein ligase E3 component n-recogin 3 (putative)	1.269
Bt.28146.1.A1_at	UBR3	ubiquitin protein ligase E3 component n-recogin 3 (putative)	1.153
Bt.8515.1.S1_at	UBR5	ubiquitin protein ligase E3 component n-recogin 5	1.306
Bt.4689.1.S2_at	UCHL5	ubiquitin carboxyl-terminal hydrolase L5	1.226
Bt.762.3.S1_a_at	UCK1	uridine-cytidine kinase 1	-1.062
Bt.5180.1.S1_at	UCP2	uncoupling protein 2 (mitochondrial, proton carrier)	-1.532
Bt.910.1.S1_at	UFM1	ubiquitin-fold modifier 1	1.284
Bt.910.3.S1_at	UFM1	ubiquitin-fold modifier 1	1.188
Bt.27025.1.S1_at	UFSP2	UFM1-specific peptidase 2	1.327
Bt.9724.1.S1_at	UHRF1BP1L	UHRF1 binding protein 1-like	1.380
Bt.27924.1.S1_at	UIMC1	ubiquitin interaction motif containing 1	1.169
Bt.5207.1.S1_at	ULK3	unc-51 like kinase 3	-1.001
Bt.20327.1.S1_a_at	UPP1	uridine phosphorylase 1	-1.806

Bt.22118.2.S1_at	USHBP1	Usher syndrome 1C binding protein 1	-1.175
Bt.23299.1.S1_at	USP15	ubiquitin specific peptidase 15	1.498
Bt.16134.1.A1_at	USP16	ubiquitin specific peptidase 16	1.210
Bt.2762.1.S1_at	USP28	ubiquitin specific peptidase 28	1.123
Bt.9166.1.A1_at	USP3	ubiquitin specific peptidase 3	1.255
Bt.13886.2.S1_at	USP34	ubiquitin specific peptidase 34	1.247
Bt.19053.1.A1_at	USP34	ubiquitin specific peptidase 34	1.251
Bt.15769.1.S1_at	USP38	ubiquitin specific peptidase 38	1.236
Bt.6419.1.S1_at	USP47	ubiquitin specific peptidase 47	1.240
Bt.2589.1.S1_at	UTP14A	UTP14, U3 small nucleolar ribonucleoprotein, homolog A (yeast)	1.336
Bt.13342.1.S1_at	UTP15	UTP15, U3 small nucleolar ribonucleoprotein, homolog (S. cerevisiae)	1.270
Bt.25694.1.A1_at	VARS	valyl-tRNA synthetase	-1.214
Bt.13353.1.A1_at	VEZT	vezatin, adherens junctions transmembrane protein	1.591
Bt.19160.1.A1_at	VNN2	vanin 2	-1.251
Bt.22341.1.A1_at	VPS13C	vacuolar protein sorting 13 homolog C (S. cerevisiae)	1.159
Bt.24807.1.S1_at	VPS13D	vacuolar protein sorting 13 homolog D (S. cerevisiae)	1.147
Bt.22513.1.S1_at	VPS28	vacuolar protein sorting 28 homolog (S. cerevisiae)	-1.303
Bt.17824.3.S1_at	VPS36	vacuolar protein sorting 36 homolog (S. cerevisiae)	1.244
Bt.4833.3.S1_a_at	VRK3	vaccinia related kinase 3	1.025
Bt.21988.1.S1_at	VSIG10	V-set and immunoglobulin domain containing 10	1.129
Bt.6057.1.S1_at	VWA1	von Willebrand factor A domain containing 1	-1.169
Bt.25225.1.A1_at	WAPAL	wings apart-like homolog (Drosophila)	1.318
Bt.18030.1.S1_at	WBP11	WW domain binding protein 11	1.121
Bt.21949.1.A1_at	WBP4	WW domain binding protein 4	1.679
Bt.21955.1.S1_at	WDR26	WD repeat domain 26	1.135
Bt.216.1.S1_at	WDR44	WD repeat domain 44	1.348
Bt.19794.2.A1_at	WDR47	WD repeat domain 47	1.396
Bt.28680.1.S1_at	WDR75	WD repeat domain 75	1.442
Bt.20187.1.S1_at	WDR76	WD repeat domain 76	1.357
Bt.5013.3.S1_at	WNK1	WNK lysine deficient protein kinase 1	1.173
Bt.20351.1.S1_at	WRAP53	WD repeat containing, antisense to TP53	1.063
Bt.20080.1.S1_at	WSB1	WD repeat and SOCS box containing 1	1.348
Bt.19774.2.S1_at	WWC2	WW and C2 domain containing 2	1.112
Bt.9215.2.S1_at	WWOX	WW domain containing oxidoreductase	-1.154
Bt.23718.1.S1_at	WWP1	WW domain containing E3 ubiquitin protein ligase 1	1.161
Bt.24355.1.A1_at	XKR8	XK, Kell blood group complex subunit-related family, member 8	-1.285
Bt.5460.1.A1_at	XPO7	exportin 7	1.074
Bt.27097.1.A1_at	XRCC4	X-ray repair complementing defective repair in Chinese hamster cells 4	1.321
Bt.24591.1.S1_at	XXYL1	xyloside xylosyltransferase 1	1.071
Bt.20149.1.S1_at	YAF2	YY1 associated factor 2	1.172
Bt.5332.1.S1_at	YBX1	Y box binding protein 1	-1.014
Bt.12054.2.S1_at	YIPF1	Yip1 domain family, member 1	1.390
Bt.28882.1.A1_at	YTHDC2	YTH domain containing 2	1.518
Bt.20905.1.S1_at	ZAP70	zeta-chain (TCR) associated protein kinase 70kDa	1.276
Bt.18894.1.A1_at	ZBTB10	zinc finger and BTB domain containing 10	1.317
Bt.20938.1.S1_at	ZBTB38	zinc finger and BTB domain containing 38	1.359
Bt.27228.1.A1_at	ZBTB7C	zinc finger and BTB domain containing 7C	-1.348
Bt.8903.1.S1_at	ZC2HC1A	zinc finger, C2HC-type containing 1A	1.515
Bt.26585.1.A1_at	ZC3H10	zinc finger CCCH-type containing 10	-1.243
Bt.8163.1.S1_at	ZC3H11A	zinc finger CCCH-type containing 11A	1.247
Bt.28167.1.S1_at	ZC3H13	zinc finger CCCH-type containing 13	1.259
Bt.5998.1.S1_at	ZDHHC23	zinc finger, DHHC-type containing 23	1.186
Bt.6045.2.S1_a_at	ZFAND2B	zinc finger, AN1-type domain 2B	-1.182
Bt.9119.1.A1_at	ZFAND3	zinc finger, AN1-type domain 3	-1.156
Bt.17701.1.A1_at	ZFP2	ZFP2 zinc finger protein	1.045

Bt.26415.1.A1_at	ZFYVE1	zinc finger, FYVE domain containing 1	1.194
Bt.13771.3.S1_at	ZMYM4	zinc finger, MYM-type 4	1.246
Bt.12664.2.S1_at	ZMYM5	zinc finger, MYM-type 5	1.550
Bt.6551.1.A1_at	ZNF106	zinc finger protein 106	1.313
Bt.20095.2.S1_at	ZNF142	zinc finger protein 142	1.163
Bt.16483.1.S1_at	ZNF146	zinc finger protein 146	-1.215
Bt.9889.1.S1_at	ZNF148	zinc finger protein 148	1.199
Bt.27683.1.A1_at	ZNF175	zinc finger protein 175	1.216
Bt.25310.1.A1_at	ZNF181	zinc finger protein 181	1.285
Bt.1257.1.S1_at	ZNF197	zinc finger protein 197	1.371
Bt.4247.1.S1_at	ZNF23	zinc finger protein 23	1.292
Bt.29572.1.A1_at	ZNF263	zinc finger protein 263	1.084
Bt.12867.1.A1_at	ZNF318	zinc finger protein 318	1.382
Bt.2964.2.S1_at	ZNF330	zinc finger protein 330	-1.215
Bt.5602.1.A1_at	ZNF331	zinc finger protein 331	1.116
Bt.12332.1.A1_at	ZNF354A	zinc finger protein 354A	1.374
Bt.25244.1.A1_at	ZNF41	zinc finger protein 41	1.115
Bt.26599.2.S1_a at	ZNF414	zinc finger protein 414	-1.252
Bt.6330.1.A1_at	ZNF444	zinc finger protein 444	-1.188
Bt.19400.1.A1_at	ZNF567	zinc finger protein 567	1.404
Bt.23846.1.S1_at	ZNF569	zinc finger protein 569	1.190
Bt.26401.1.A1_at	ZNF572	zinc finger protein 572	1.270
Bt.8608.1.S1_at	ZNF605	zinc finger protein 605	1.559
Bt.18479.1.A1_at	ZNF608	zinc finger protein 608	1.586
Bt.28380.1.S1_at	ZNF691	zinc finger protein 691	-1.122
Bt.17293.2.S1_at	ZNF827	zinc finger protein 827	1.487
Bt.28179.1.S1_at	ZRANB3	zinc finger, RAN-binding domain containing 3	1.155
Bt.13548.1.A1_at	ZZZ3	zinc finger, ZZ-type containing 3	1.508
Bt.10035.2.S1_at	CK967661	Accession CK967661	-1.160
Bt.10067.1.S1_at	CK964062	Accession CK964062	1.150
Bt.1044.1.A1_at	CK962939	Accession CK962939	1.338
Bt.10496.1.A1_at	CK955216	Accession CK955216	1.118
Bt.10554.2.S1_at	CK955069	Accession CK955069	1.506
Bt.1057.1.S1_at	CK952663	Accession CK952663	1.059
Bt.1082.1.A1_at	CK952663	Accession CK952663	1.237
Bt.10870.1.S1_at	CK952523	Accession CK952523	1.089
Bt.10875.1.A1_at	CK951297	Accession CK951297	1.360
Bt.10897.1.S1_at	CK949319	Accession CK949319	1.248
Bt.10911.1.S1_at	CK946845	Accession CK946845	1.163
Bt.10969.1.S1_at	CK849182	Accession CK849182	1.049
Bt.11033.2.A1_at	CK847032	Accession CK847032	-1.088
Bt.11054.1.S1_at	CK845991	Accession CK845991	1.270
Bt.11087.1.S1_at	CK834854	Accession CK834854	1.119
Bt.11093.1.S1_at	CK816668	Accession CK816668	1.172
Bt.11096.1.S1_at	CK774004	Accession CK774004	1.202
Bt.11098.1.S1_at	CK773833	Accession CK773833	-1.317
Bt.11163.1.S1_at	CK773598	Accession CK773598	1.217
Bt.11168.1.S1_at	CK773562	Accession CK773562	1.142
Bt.1123.1.A1_s at	CK773270	Accession CK773270	1.170
Bt.11265.1.A1_at	CK770939	Accession CK770939	-1.381
Bt.11319.1.A1_s at	CK770697	Accession CK770697	1.525
Bt.1132.2.S1_at	CK770537	Accession CK770537	1.094
Bt.11390.1.A1_at	CK769290	Accession CK769290	-1.178
Bt.11496.1.S1_at	CK730252	Accession CK730252	1.105
Bt.11500.1.A1_at	CF930166	Accession CF930166	1.296

Bt.11538.1.A1_at	CB535112	Accession CB535112	-1.115
Bt.11545.1.A1_at	CB534665	Accession CB534665	-1.282
Bt.11550.1.A1_at	CB534578	Accession CB534578	-1.367
Bt.11585.1.A1_at	CB530676	Accession CB530676	1.204
Bt.11614.1.A1_at	CB530546	Accession CB530546	-1.143
Bt.11617.1.A1_at	CB468085	Accession CB468085	1.140
Bt.11628.1.A1_at	CB464689	Accession CB464689	-1.222
Bt.11725.1.A1_at	CB460424	Accession CB460424	1.142
Bt.11791.1.A1_at	CB458376	Accession CB458376	1.191
Bt.11917.1.S1_at	CB456543	Accession CB456543	-1.072
Bt.12083.2.S1_at	CB456533	Accession CB456533	-1.146
Bt.12158.1.S1_at	CB455970	Accession CB455970	1.838
Bt.12164.1.S1_at	CB455885	Accession CB455885	1.286
Bt.12203.1.S1_at	CB452234	Accession CB452234	-1.634
Bt.12206.1.S1_x_at	CB447630	Accession CB447630	-1.987
Bt.12453.1.A1_a_at	CB446557	Accession CB446557	1.336
Bt.12453.1.A1_at	CB443368	Accession CB443368	1.379
Bt.12574.1.A1_at	CB442854	Accession CB442854	-1.102
Bt.12596.1.S1_at	CB440336	Accession CB440336	1.185
Bt.12732.2.S1_at	CB440332	Accession CB440332	1.132
Bt.13003.8.A1_at	CB436518	Accession CB436518	-1.311
Bt.13125.1.S1_s_at	CB433115	Accession CB433115	-1.695
Bt.13194.1.A1_at	CB432950	Accession CB432950	1.142
Bt.132.1.S1_at	CB431783	Accession CB431783	-1.331
Bt.13211.1.A1_at	CB430996	Accession CB430996	-1.057
Bt.13216.1.A1_at	CB430170	Accession CB430170	1.749
Bt.13218.1.S1_at	CB428771	Accession CB428771	1.350
Bt.13218.2.S1_at	CB428579	Accession CB428579	1.203
Bt.13248.2.S1_at	CB427981	Accession CB427981	1.330
Bt.13257.2.A1_at	CB423629	Accession CB423629	1.190
Bt.13289.1.S1_at	CB423296	Accession CB423296	1.243
Bt.13323.1.S1_at	CB420640	Accession CB420640	1.249
Bt.13329.1.S1_at	CB420418	Accession CB420418	1.515
Bt.13332.1.S1_at	CB420367	Accession CB420367	1.309
Bt.13355.1.S1_at	CB419220	Accession CB419220	1.229
Bt.13429.2.S1_at	CB418472	Accession CB418472	1.361
Bt.13491.1.S1_at	CB222784	Accession CB222784	1.163
Bt.1350.1.S1_at	CB170964	Accession CB170964	1.352
Bt.13627.1.A1_at	CB170566	Accession CB170566	1.187
Bt.13642.1.A1_at	CB167904	Accession CB167904	1.206
Bt.13665.1.A1_at	BP108657	Accession BP108657	1.285
Bt.13699.1.S1_at	BP105827	Accession BP105827	1.062
Bt.13768.1.S1_at	BP105658	Accession BP105658	1.345
Bt.13805.1.S1_at	BM446382	Accession BM446382	1.305
Bt.13833.1.S1_at	BM446171	Accession BM446171	1.247
Bt.13892.1.S1_at	BM434841	Accession BM434841	1.104
Bt.13929.1.A1_at	BM251341	Accession BM251341	1.140
Bt.13969.1.A1_at	BI774755	Accession BI774755	1.359
Bt.13978.1.S1_at	BI537129	Accession BI537129	1.307
Bt.13994.1.S1_at	BF655380	Accession BF655380	1.113
Bt.14037.1.S1_at	BF440568	Accession BF440568	1.194
Bt.14059.1.A1_at	BF440269	Accession BF440269	1.396
Bt.14071.1.S1_at	BF440195	Accession BF440195	-1.050
Bt.14109.1.S1_at	BF073200	Accession BF073200	1.242
Bt.14155.2.S1_a_at	BF073015	Accession BF073015	1.459

Bt.14156.1.S1	at	BE809771	Accession BE809771	1.129
Bt.14158.3.A1	at	BE755851	Accession BE755851	1.554
Bt.14165.1.S1	at	BE755394	Accession BE755394	-1.051
Bt.14165.2.S1	at	BE753844	Accession BE753844	1.036
Bt.14184.1.A1	at	BE722116	Accession BE722116	-1.046
Bt.14204.1.A1	at	BE663363	Accession BE663363	1.236
Bt.14265.1.A1	at	BE481719	Accession BE481719	1.309
Bt.14314.1.S1	at	AW656252	Accession AW656252	1.380
Bt.1484.1.S1	at	AW464698	Accession AW464698	1.110
Bt.1526.1.S1	at	AW430024	Accession AW430024	1.293
Bt.1526.2.S1	at	AW416990	Accession AW416990	1.259
Bt.15299.1.A1	at	AW315506	Accession AW315506	1.031
Bt.15354.1.A1	at	AV615989	Accession AV615989	-1.066
Bt.15535.1.A1	at	AV602975	Accession AV602975	-1.259
Bt.15589.2.S1	at	AV596992	Accession AV596992	1.215
Bt.15602.1.S1	at	AF451188	Accession AF451188	1.254
Bt.15631.1.S1	at	AF451174	Accession AF451174	1.494
Bt.15680.1.S1	at	AF451171	Accession AF451171	1.385
Bt.15682.1.A1	at	MGC137255	Hypothetical protein MGC137255	1.309
Bt.15683.1.S1	at	LOC10033571	hypothetical protein LOC100335716	1.131
Bt.15716.1.S1	at	LOC10030073	hypothetical protein LOC100300734	1.312
Bt.15841.1.S1	at	LOC784866	hypothetical LOC784866	1.335
Bt.15854.2.S1	at	HSD11B2	hydroxysteroid (11-beta) dehydrogenase 2	1.307
Bt.15861.1.S1	at	HSD3B1	hydroxy-delta-5-steroid dehydrogenase, 3 beta- and steroid delta-isomerase 1	1.225
Bt.15905.1.S1	at	HYAL2	hyaluronoglucosaminidase 2	1.313
Bt.16170.1.A1	at	HYAL2	Hyaluronoglucosaminidase 2	-1.230
Bt.16193.2.A1	at	HYAL2	Hyaluronoglucosaminidase 2	1.169
Bt.16240.1.A1	at	HYAL1	hyaluronoglucosaminidase 1	1.372
Bt.16283.2.S1	at	hare	hyaluronan receptor for endocytosis-like	-1.270
Bt.16315.1.A1	at	HABP4	hyaluronan binding protein 4	-1.501
Bt.16459.1.A1	at	HCFC1R1	host cell factor C1 regulator 1 (XPO1 dependent)	1.235
Bt.16483.3.A1	at	HNRNPF	heterogeneous nuclear ribonucleoprotein F	1.168
Bt.16496.1.A1	at	HNRPDL	heterogeneous nuclear ribonucleoprotein D-like	-1.386
Bt.16515.2.A1	at	HNRPDL	heterogeneous nuclear ribonucleoprotein D-like	1.238
Bt.16610.1.A1	at	HNRNPA1	heterogeneous nuclear ribonucleoprotein A1	-1.094
Bt.16617.2.S1	at	HDGF	hepatoma-derived growth factor	1.474
Bt.16619.1.A1	at	HEBP2	heme binding protein 2	1.278
Bt.16662.2.A1	at	HLTF	helicase-like transcription factor	-1.362
Bt.16695.1.S1	at	HSP90AA1	heat shock protein 90kDa alpha (cytosolic), class A member 1	1.217
Bt.16695.2.A1	at	HSPA1A	heat shock 70kDa protein 1A	1.585
Bt.16719.1.A1	at	HSPD1	heat shock 60kDa protein 1 (chaperonin)	1.077
Bt.1673.2.S1	at	HSPB2	heat shock 27kDa protein 2	1.007
Bt.16753.1.A1	at	LOC10033590	hCG1793998-like	1.227
Bt.16762.1.S1	at	HDHD3	haloacid dehalogenase-like hydrolase domain containing 3	-1.070
Bt.16784.1.S1	at	HDHD1	haloacid dehalogenase-like hydrolase domain containing 1	1.253
Bt.16803.1.A1	at	GIMAP6	GTPase, IMAP family member 6	-1.070
Bt.16839.1.S1	at	GCH1	GTP cyclohydrolase 1	1.219
Bt.16851.1.S1	at	GEM	GTP binding protein overexpressed in skeletal muscle	1.351
Bt.16933.1.S1	at	GTPBP4	GTP binding protein 4	1.069
Bt.16934.1.A1	at	GRASP	GRP1 (general receptor for phosphoinositides 1)-associated scaffold protein	-1.073
Bt.16974.1.S1	at	GHRH	growth hormone releasing hormone	1.098
Bt.17003.1.S1	at	GDF6	growth differentiation factor 6	1.268
Bt.17004.1.A1	at	GZMB /// LOC	granzyme B (granzyme 2, cytotoxic T-lymphocyte-associated serine esterase 1) /// hypothetical LOC100125946 /// similar to	1.214
Bt.17008.1.S1	at	GORAB	golgin, RAB6-interacting	1.087
Bt.17066.1.A1	at	GYLTL1B	glycosyltransferase-like 1B	1.067

Bt.17082.1.A1	at	GYPC	glycophorin C (Gerbich blood group)	1.079
Bt.17122.1.S1	at	GPX3	glutathione peroxidase 3 (plasma)	1.501
Bt.17122.2.A1	at	GHRL	ghrelin/obestatin prepropeptide	1.358
Bt.17171.1.A1	at	GMCL1	germ cell-less homolog 1 (Drosophila)	-1.237
Bt.17205.1.S1	at	GTF3C1	General transcription factor IIIC, polypeptide 1, alpha 220kDa	1.229
Bt.17217.1.A1	at	GJA1	gap junction protein, alpha 1, 43kDa	1.300
Bt.1722.3.S1	a at	GGCX	gamma-glutamyl carboxylase	-1.012
Bt.17247.1.A1	at	GPR88	G protein-coupled receptor 88	1.019
Bt.17282.1.S1	at	GPR65	G protein-coupled receptor 65	1.103
Bt.17289.1.A1	at	GPR162	G protein-coupled receptor 162	-1.002
Bt.17294.1.A1	at	GPR162	G protein-coupled receptor 162	1.145
Bt.17300.1.S1	at	GPR155	G protein-coupled receptor 155	-1.021
Bt.17308.1.A1	at	FXYD2	FXYD domain containing ion transport regulator 2	1.522
Bt.17315.2.A1	at	FH	fumarate hydratase	-1.370
Bt.17352.1.A1	at	FTSJ3	FtsJ homolog 3 (E. coli)	2.356
Bt.17373.1.S1	at	FOSL1	FOS-like antigen 1	-1.624
Bt.17373.2.A1	at	LOC10033653	formin binding protein 4-like	-1.110
Bt.17398.1.A1	at	FOXP3	Forkhead box P3	1.142
Bt.17405.1.S1	at	FLYWCH2	FLYWCH family member 2	1.118
Bt.17405.2.A1	at	FGFR3	fibroblast growth factor receptor 3	1.186
Bt.17413.1.A1	at	FECH	ferrochelatase	-1.088
Bt.17432.1.S1	at	FDX1	ferredoxin 1	1.427
Bt.17445.1.A1	at	FOS	FBJ murine osteosarcoma viral oncogene homolog	1.619
Bt.17467.1.S1	at	FOS	FBJ murine osteosarcoma viral oncogene homolog	-1.170
Bt.17474.1.A1	at	FASTKD5	FAST kinase domains 5	1.807
Bt.17502.1.A1	at	FSCN1	fascin homolog 1, actin-bundling protein (Strongylocentrotus purpuratus)	1.363
Bt.17518.1.S1	at	FSCN1	fascin homolog 1, actin-bundling protein (Strongylocentrotus purpuratus)	1.401
Bt.17519.1.A1	at	FAM96A	family with sequence similarity 96, member A	-1.289
Bt.17536.2.A1	at	FAM107B	family with sequence similarity 107, member B	1.501
Bt.17565.1.A1	at	FBXO2	F-box protein 2	-1.184
Bt.17577.1.A1	at	AU018091	M expressed sequence AU018091	-1.440
Bt.17584.1.S1	at	ETAA1	Ewing tumor-associated antigen 1	1.102
Bt.17598.1.A1	at	ESR1	estrogen receptor 1	-1.140
Bt.17664.1.A1	at	EBI3	Epstein-Barr virus induced 3	-1.273
Bt.17701.2.A1	at	ECT2	epithelial cell transforming sequence 2 oncogene	-1.300
Bt.17730.1.A1	at	ECT2	epithelial cell transforming sequence 2 oncogene	-1.076
Bt.17749.1.A1	at	EID3	EP300 interacting inhibitor of differentiation 3	-1.276
Bt.17758.1.S1	at	EDN1	endothelin 1	1.226
Bt.17786.1.S1	at	EGLN2	egl nine homolog 2 (C. elegans)	-1.204
Bt.17824.2.A1	at	ENC1	ectodermal-neural cortex (with BTB-like domain)	1.257
Bt.17834.1.A1	at	DNM1L	dynamamin 1-like	-1.268
Bt.17856.1.A1	at	DUSP7	dual specificity phosphatase 7	-1.267
Bt.17883.1.S1	at	DUSP16	dual specificity phosphatase 16	1.537
Bt.17883.2.A1	at	DAPP1	dual adaptor of phosphotyrosine and 3-phosphoinositides	1.255
Bt.17915.2.S1	a at	DPH3	DPH3, KTI11 homolog (S. cerevisiae)	1.659
Bt.17915.3.S1	a at	DONSON	downstream neighbor of SON	1.142
Bt.17970.1.S1	at	DPM3	dolichyl-phosphate mannosyltransferase polypeptide 3	1.120
Bt.17991.1.A1	at	DDIT4	DNA-damage-inducible transcript 4	1.222
Bt.18065.1.A1	at	DIXDC1	DIX domain containing 1	-1.341
Bt.18071.1.A1	at	DPYSL5	dihydropyrimidinase-like 5	1.343
Bt.18144.1.A1	at	DGAT2	diacylglycerol O-acyltransferase 2	1.438
Bt.18161.1.S1	at	DENND5A	DENN/MADD domain containing 5A	1.055
Bt.18179.1.A1	at	DLC1	deleted in liver cancer 1	-1.170
Bt.18256.1.S1	at	DEDD	death effector domain containing	1.057
Bt.18262.1.A1	at	DEDD	death effector domain containing	-1.298

Bt.18353.1.A1	at	DDX20	DEAD (Asp-Glu-Ala-Asp) box polypeptide 20	1.423
Bt.18373.1.A1	at	DDHD1	DDHD domain containing 1	-1.279
Bt.18385.1.A1	at	DCAF4	DDB1 and CUL4 associated factor 4	1.513
Bt.18420.1.S1	at	CYP1A1	cytochrome P450, subfamily I (aromatic compound-inducible), polypeptide 1	-1.527
Bt.18434.1.A1	at	COX6C /// MG	cytochrome c oxidase subunit VIc /// cytochrome c oxidase subunit 6C	1.417
Bt.1844.1.S1	at	CNGB1	cyclic nucleotide gated channel beta 1	1.232
Bt.18448.1.A1	at	CTPS	CTP synthase	-1.534
Bt.18458.1.S1	at	CTDSPL	CTD (carboxy-terminal domain, RNA polymerase II, polypeptide A) small phosphatase like 2	1.037
Bt.18463.1.S1	at	CSRP2	CSRP2 binding protein	-1.096
Bt.18502.1.A1	at	CRYL1	crystallin, lambda 1	-1.040
Bt.18614.1.A1	at	CRYGS	crystallin, gamma S	-1.080
Bt.18715.1.A1	at	CRNKL1	crooked neck pre-mRNA splicing factor-like 1 (Drosophila)	1.462
Bt.18728.1.A1	at	CFDP2	craniofacial development protein 2	-1.666
Bt.18797.1.A1	at	CHUK	conserved helix-loop-helix ubiquitous kinase	-1.298
Bt.18804.2.S1	at	CFB	complement factor B	1.148
Bt.18843.1.A1	at	C8G	complement component 8, gamma polypeptide	2.065
Bt.18872.1.A1	at	C4A	complement component 4A	-1.021
Bt.18917.1.A1	at	C1QBP	complement component 1, q subcomponent binding protein	-1.508
Bt.18952.1.A1	at	CSF3	colony stimulating factor 3 (granulocyte)	1.375
Bt.18965.1.A1	at	CSF3	colony stimulating factor 3 (granulocyte)	-1.041
Bt.19078.1.A1	at	COL13A1	collagen, type XIII, alpha 1	-1.145
Bt.19097.1.A1	at	COL11A1	collagen, type XI, alpha 1	-1.133
Bt.19107.1.S1	at	COL2A1	collagen, type II, alpha 1	1.336
Bt.19116.1.A1	at	COL2A1	collagen, type II, alpha 1	-1.223
Bt.19143.1.A1	at	CCDC28A	coiled-coil domain containing 28A	1.007
Bt.19183.1.A1	at	CCDC22	coiled-coil domain containing 22	1.660
Bt.19197.2.S1	at	CCDC132	coiled-coil domain containing 132	-1.052
Bt.19267.2.S1	at	COQ10A	coenzyme Q10 homolog A (S. cerevisiae)	1.320
Bt.19298.1.A1	at	COPB1	coatamer protein complex, subunit beta 1	1.706
Bt.19332.1.S1	at	F9	coagulation factor IX	1.158
Bt.19366.1.A1	at	CLUAP1	clusterin associated protein 1	-1.091
Bt.19368.1.A1	at	CLU	Clusterin	-1.117
Bt.19443.1.A1	at	CLDN4	claudin 4	1.811
Bt.19447.1.A1	at	CLDN4	claudin 4	1.108
Bt.19495.1.A1	at	CLDN1	claudin 1	1.124
Bt.19496.1.A1	at	CLDN1	claudin 1	-1.507
Bt.19506.1.A1	at	C25H7ORF47	chromosome 7 open reading frame 47 ortholog	1.376
Bt.1956.1.S1	at	C9H6ORF203	chromosome 6 open reading frame 203 ortholog	1.219
Bt.19604.1.A1	at	C7H5ORF15	chromosome 5 open reading frame 15 ortholog	-1.122
Bt.19626.1.A1	at	C13H20orf30	chromosome 20 open reading frame 30 ortholog	-1.270
Bt.19678.1.A1	at	C25H16orf14	chromosome 16 open reading frame 14 ortholog /// ras homolog gene family, member T2	1.095
Bt.19725.1.A1	at	C15orf39_Hsa	chromosome 15 open reading frame 39	1.228
Bt.19754.1.A1	at	C10H14orf37	chromosome 14 open reading frame 37 ortholog	1.081
Bt.19797.1.A1	at	C12H13orf27	chromosome 13 open reading frame 27 ortholog	-1.805
Bt.19809.1.S1	at	C12orf39_Hsa	chromosome 12 open reading frame 39	1.246
Bt.19809.2.A1	at	C16H1ORF55	chromosome 1 open reading frame 55 ortholog	1.229
Bt.19879.1.A1	at	C16H1ORF55	chromosome 1 open reading frame 55 ortholog	-1.095
Bt.19897.1.A1	at	C1orf51_Hsa	chromosome 1 open reading frame 51	-1.500
Bt.19956.1.S1	at	C3H1orf43	chromosome 1 open reading frame 43 ortholog	1.508
Bt.19998.1.A1	at	C16H1orf174	chromosome 1 open reading frame 174 ortholog	1.738
Bt.20115.1.S1	at	CH25H	cholesterol 25-hydroxylase	1.181
Bt.20125.2.S1	a at	CXCL3	Chemokine (C-X-C motif) ligand 3	-1.157
Bt.20139.1.S1	at	CXCL2	chemokine (C-X-C motif) ligand 2	1.202
Bt.20165.1.S1	at	CCL5	chemokine (C-C motif) ligand 5	-1.266
Bt.20257.1.S1	at	CCL3	chemokine (C-C motif) ligand 3	1.164

Bt.20271.1.S1 at	CCL3	chemokine (C-C motif) ligand 3	1.256
Bt.20294.2.S1 at	CCL3	chemokine (C-C motif) ligand 3	-1.277
Bt.20340.1.A1 at	CCL2	chemokine (C-C motif) ligand 2	-1.346
Bt.20400.1.S1 at	CCL2	chemokine (C-C motif) ligand 2	1.446
Bt.20403.1.S1 at	CEP120	centrosomal protein 120kDa	1.285
Bt.20413.1.S1 at	CDC37L1	cell division cycle 37 homolog (S. cerevisiae)-like 1	1.185
Bt.20466.1.A1 at	CDC2L2	cell division cycle 2-like 2 (PITSLRE proteins)	1.200
Bt.20486.1.S1 at	CDC42EP4	CDC42 effector protein (Rho GTPase binding) 4	1.331
Bt.20501.1.S1 at	CDC42EP3	CDC42 effector protein (Rho GTPase binding) 3	1.152
Bt.20514.1.S1 at	CD83	CD83 molecule	1.684
Bt.20533.1.S1 at	CD83	CD83 molecule	1.182
Bt.20592.1.S1 at	CD72	CD72 molecule	1.077
Bt.20606.1.S1 at	CD40	CD40 molecule, TNF receptor superfamily member 5	1.254
Bt.20606.2.S1 at	CD33	CD33 molecule	1.113
Bt.20619.1.S1 at	CNOT3	CCR4-NOT transcription complex, subunit 3	1.186
Bt.20745.1.A1 at	CCRN4L	CCR4 carbon catabolite repression 4-like (S. cerevisiae)	-1.292
Bt.20762.2.S1 at	CNBP	CCHC-type zinc finger, nucleic acid binding protein	1.391
Bt.20785.2.S1 at	CEBPD	CCAAT/enhancer binding protein (C/EBP), delta	1.137
Bt.20786.1.A1 at	CEBPD	CCAAT/enhancer binding protein (C/EBP), delta	1.134
Bt.20796.1.A1 at	CEBPD	CCAAT/enhancer binding protein (C/EBP), delta	1.409
Bt.20867.1.A1 at	CEBPA	CCAAT/enhancer binding protein (C/EBP), alpha	-1.335
Bt.20875.1.A1 at	CITED2	Cbp/p300-interacting transactivator, with Glu/Asp-rich carboxy-terminal domain, 2	-1.041
Bt.20909.1.S1 at	CAMP	cathelicidin antimicrobial peptide	1.249
Bt.20985.1.S1 at	CATHL2	cathelicidin 2	1.192
Bt.21002.1.S1 at	CASP4	caspase 4, apoptosis-related cysteine peptidase	-1.453
Bt.21011.1.S1 at	CASP4	caspase 4, apoptosis-related cysteine peptidase	1.038
Bt.21073.1.A1 at	CFLAR	CASP8 and FADD-like apoptosis regulator	1.127
Bt.21097.1.S1 at	CASKIN2	CASK interacting protein 2	1.236
Bt.21145.1.A1 at	CSNK2A2	casein kinase 2, alpha prime polypeptide	1.492
Bt.21182.1.S1 at	CSN2	casein beta	1.129
Bt.21184.1.S1 at	CSN2	casein beta	1.121
Bt.21220.1.S1 at	CROT	carnitine O-octanoyltransferase	-1.881
Bt.21238.1.S1 at	CES2	carboxylesterase 2	1.231
Bt.21288.1.A1 at	CBR3	carbonyl reductase 3	1.191
Bt.21306.2.S1 at	CA5B	carbonic anhydrase VB, mitochondrial	-1.028
Bt.21334.1.S1 at	CREB1	cAMP responsive element binding protein 1	1.676
Bt.21405.1.S1 at	CLMN	calmin (calponin-like, transmembrane)	1.056
Bt.21428.1.S1 at	CALD1	Caldesmon 1	1.273
Bt.21429.1.S1 at	CAMLG	calcium modulating ligand	1.318
Bt.21474.1.S1 at	CACNB4	calcium channel, voltage-dependent, beta 4 subunit	1.151
Bt.21550.1.A1 at	CACNB1	calcium channel, voltage-dependent, beta 1 subunit	1.206
Bt.21558.1.S1 at	CABP4	calcium binding protein 4	1.480
Bt.21603.1.S1 at	C1GALT1C1	C1GALT1-specific chaperone 1	-1.098
Bt.21760.1.S1 at	CLEC4E	C-type lectin domain family 4, member E	1.006
Bt.21777.1.S1 at	CLEC4E	C-type lectin domain family 4, member E	1.280
Bt.21813.1.S1 at	CLEC3B	C-type lectin domain family 3, member B	1.466
Bt.21891.1.A1 at	BTG3	BTG family, member 3	1.303
Bt.21908.1.A1 at	BTG2	BTG family, member 2	2.207
Bt.21920.1.S1 at	BRD4	bromodomain containing 4	1.116
Bt.21924.1.A1 at	BAZ1A	bromodomain adjacent to zinc finger domain, 1A	1.193
Bt.21927.3.S1 at	BDKRB2	bradykinin receptor B2	-2.161
Bt.21948.1.S1 at	BDKRB2	bradykinin receptor B2	1.507
Bt.21952.1.A1 at	BCL2A1	BCL2-related protein A1	1.769
Bt.22023.1.A1 s at	BAX	BCL2-associated X protein	1.445
Bt.22044.1.S1 at	BATF	basic leucine zipper transcription factor, ATF-like	1.232

Bt.22073.1.S1	at	dolichyl-phosph	DPM3	1.161
Bt.22125.1.S1	at	Forkhead box	FOXP3	1.265
Bt.22152.1.A1	at	coiled-coil dor	CCDC22	1.143
Bt.22173.1.S1	at	bromodomain	BRD4	1.429
Bt.22188.1.S1	at	amyloid beta	APPBP2	1.557
Bt.22190.1.S1	at	NADH dehydr	NDUFB4	1.152
Bt.22282.1.S1	at	G protein-cou	GPR88	-1.006
Bt.22354.1.S1	at	intermediate f	IFFO1	1.120
Bt.22374.1.S1	at	craniofacial de	CFDP2	1.058
Bt.22401.1.A1	at	craniofacial de	CFDP2	-1.742
Bt.22413.1.A1	at	craniofacial de	CFDP2	1.352
Bt.22444.1.A1	at	zinc finger pro	ZNF148	1.362
Bt.22452.1.S1	at	fatty acid bind	FABP2	1.877
Bt.22456.2.S1	a at	SWI/SNF-rela	SMARCAD1	-1.148
Bt.22461.2.A1	at	heterogeneou	HNRNPU	1.051
Bt.22541.1.A1	at	Mediator com	MED25	-1.158
Bt.22614.1.S1	at	hypothetical L	MLH3	1.343
Bt.22675.1.S1	at	aarF domain d	ADCK5	1.195
Bt.22686.1.S1	at	aarF domain d	ADCK5	1.490
Bt.22702.1.A1	at	aarF domain d	ADCK5	1.313
Bt.22709.1.A1	at	aarF domain d	ADCK5	1.335
Bt.22822.1.S1	at	Usher syndrom	USH1C	1.123
Bt.22822.2.S1	at	COX16 cytoch	COX16	1.276
Bt.2301.1.S1	at	SHC SH2-don	SHCBP1	1.117
Bt.23203.1.S1	at	eukaryotic traf	EIF5	1.281
Bt.23211.1.S1	at	F-box protein	FBXO5	1.269
Bt.23227.1.S1	at	alpha-2-fucos	SEC1	-1.275
Bt.2325.1.S1	at	mitogen-activ	MAP2K7	1.446
Bt.23288.3.A1	at	coiled-coil-hel	CHCHD3	1.137
Bt.2337.1.A1	at	autophagy/be	AMBRA1	1.151
Bt.23555.1.S1	at	solute carrier	SLC25A34	1.157
Bt.23575.1.A1	at	N-acetylated a	NAALADL1	1.080
Bt.23615.1.S1	at	solute carrier	SLC25A14	1.161
Bt.23619.1.S1	a at	DNA-damage	DDIT3	1.002
Bt.23647.1.A1	a at	transmembran	TMEM171	1.522
Bt.23673.1.A1	at	transmembran	TMEM171	-1.281
Bt.23772.1.S1	at	hypothetical L	LOC508470	1.185
Bt.23883.1.A1	at	hypothetical p	LOC100335608	1.338
Bt.23929.1.A1	at	hypothetical p	LOC100335608	1.545
Bt.23937.1.A1	at	chromosome 1	C22H3ORF63	1.616
Bt.23941.1.A1	at	chromosome 1	C22H3ORF63	1.399
Bt.23961.1.A1	at	transmembran	TAPT1	1.011
Bt.23969.1.A1	at	fatty acid bind	FABP6	1.393
Bt.24011.1.A1	at	coiled-coil-hel	CHCHD7	1.190
Bt.24018.1.A1	at	musculoskele	MUSTN1	-1.194
Bt.24028.1.A1	at	musculoskele	MUSTN1	-1.063
Bt.24032.1.A1	at	musculoskele	MUSTN1	1.429
Bt.24051.1.S1	at	hypoxanthine	HPRT1	1.253
Bt.24077.1.A1	at	histidine triad	HINT3	1.144
Bt.24080.1.A1	at	histidine triad	HINT3	-1.080
Bt.24165.1.A1	at	COX5A protei	COX5A	1.194
Bt.24251.1.S1	at	mitochondrial	MRPL35	1.201
Bt.24276.1.A1	at	aminoadipate	AASDHPPT	1.121
Bt.24279.1.S1	s at	serpin peptida	SERPINA1	1.189
Bt.24300.1.A1	at	serpin peptida	SERPINA1	1.483

Bt.24303.1.A1	at	ribosomal protein	RPL36A /// RPL36A	-1.143
Bt.24305.1.A1	at	proteasome (pro	PSMG2	1.352
Bt.24314.1.A1	at	polymerase (D	POLE4	-1.109
Bt.24319.1.A1	at	Chloride intrac	CLIC4	1.297
Bt.24321.1.S1	at	Chloride intrac	CLIC4	1.196
Bt.24324.1.A1	at	Chloride intrac	CLIC4	-1.314
Bt.24359.2.S1	at	PEST proteoly	PCNP	1.187
Bt.24385.1.A1	at	glycoprotein (t	GNMB	1.161
Bt.24397.1.S1	at	glycoprotein (t	GNMB	1.415
Bt.24408.1.S1	at	glycoprotein (t	GNMB	-1.421
Bt.24432.1.A1	at	serine hydroxyl	SHMT1	-1.049
Bt.24435.1.S1	at	churchill doma	CHURC1	1.456
Bt.24468.1.S1	at	Myotubularin	MTMR10	1.128
Bt.24511.1.A1	at	large subunit	LSG1	1.098
Bt.24524.2.A1	at	HLA-B associ	BAT2	1.606
Bt.24616.1.S1	at	arginine vasop	AVPR2	1.178
Bt.24650.1.S1	a at	cleavage stim	CSTF3	1.258
Bt.24689.1.S1	at	peptidase (mit	PMPCB /// PMPCB	1.376
Bt.2469.1.S1	at	cell cycle ass	CAPRIN1	1.067
Bt.24759.1.S1	at	acyl-CoA thioe	ACOT2 /// ACOT4	1.268
Bt.24764.1.A1	at	Arrestin doma	ARRDC4	1.368
Bt.24767.1.S1	at	peptidylprolyl	PIPF	1.732
Bt.24815.1.A1	at	myosin IB	MYO1B	-1.030
Bt.24955.1.S1	at	achaete-scute	ASCL2	1.610
Bt.24957.1.S1	at	ST6 (alpha-N-	ST6GALNAC2	1.154
Bt.24972.1.A1	at	ATG14 autoph	ATG14	1.633
Bt.24984.1.A1	at	hypothetical L	LOC540231	1.138
Bt.24986.1.A1	at	DEAD (Asp-G	DDX3X	1.522
Bt.25022.1.S1	at	similar to poly	LOC784489	1.238
Bt.25071.1.S1	at	similar to TLH	ISG12(B)	1.302
Bt.25071.2.S1	at	Actin binding	ABLIM1	1.379
Bt.25075.1.A1	at	Actin binding	ABLIM1	1.192
Bt.25076.1.A1	at	3-hydroxybuty	BDH1	1.117
Bt.25091.1.S1	at	microRNA mir	MIR147	-1.145
Bt.25091.2.A1	at	family with seq	FAM3C	-1.143
Bt.25176.1.A1	at	squalene epox	SQLE	1.256
Bt.25176.2.S1	at	M-phase phos	MPHOSPH6	1.152
Bt.25262.1.A1	at	gap junction p	GJB2	1.280
Bt.25281.1.A1	at	Interleukin en	ILF3	1.015
Bt.25363.1.A1	at	neuroguidin, E	NGDN	-1.050
Bt.25522.1.S1	at	neuroguidin, E	NGDN	1.002
Bt.25542.1.A1	at	neuroguidin, E	NGDN	-1.242
Bt.25612.1.A1	at	lipoic acid syn	LIAS	1.049
Bt.2577.1.S1	at	testis express	TEX2	-1.572
Bt.25823.1.A1	at	NAD(P)H deh	NQO1	-1.079
Bt.25824.1.A1	at	family with seq	FAM53C	-1.210
Bt.25832.1.S1	at	small nuclear	SNRPG	1.383
Bt.25850.1.S1	at	small nuclear	SNRPG	-1.469
Bt.26030.1.A1	at	UBA domain c	UBAC1	-1.267
Bt.26048.1.A1	at	DEAD (Asp-G	DDX24	1.310
Bt.26135.1.A1	at	cystatin F (leu	CST7	1.066
Bt.26139.1.A1	at	mKIAA1138 p	LOC788506 /// REXO1	-1.084
Bt.26140.1.A1	at	REX1, RNA ex	REXO1	-1.131
Bt.26239.1.A1	at	mitochondrial	MRPL52	1.040
Bt.26285.1.A1	at	general transd	GTF2H4	-1.074

Bt.26360.1.A1_at	mitochondrial	MRPS6	1.162
Bt.26368.1.A1_at	transmembran	TMEM42	-1.017
Bt.26395.1.A1_at	Similar to sign	LOC535156	-1.347
Bt.26431.1.S1_at	signal peptide	SPPL3	1.317
Bt.26444.1.A1_at	platelet-derive	PDGFRA	1.113
Bt.26501.1.S1_at	G protein-cou	GRK7	1.293
Bt.26609.1.S1_at	vitrin	VIT	1.257
Bt.26693.1.S1_at	rCG59523-like	LOC786966	-1.050
Bt.2670.1.S1_at	SAM domain	SAMHD1	1.061
Bt.26726.2.S1_at	integrin-linked	ILKAP	1.098
Bt.26744.1.A1_at	microtubule as	MICAL1	-1.541
Bt.26748.1.A1_at	XPA binding p	XAB2	1.847
Bt.26806.1.A1_at	carbamoyl-ph	CAD	1.188
Bt.26806.2.S1_at	collagen, type	LOC781493	1.017
Bt.26806.3.S1_at	breast carcino	BCAS4	1.352
Bt.26834.2.A1_at	carbonic anhy	LOC786777	-1.623
Bt.26917.3.S1_at	proteasome (p	PSMD9	-1.248
Bt.26928.1.S1_at	SET binding f	SBF1	1.159
Bt.26931.1.A1_at	GTP binding p	GTPBP4	1.075
Bt.26974.1.S1_at	RAB26, memt	RAB26	1.114
Bt.26990.2.S1_at	TAF10 RNA p	TAF10	-1.041
Bt.27010.1.A1_at	GH3 domain c	GHDC	1.121
Bt.27039.1.A1_at	KDEL (Lys-As	KDELRL1	1.636
Bt.27041.1.A1_at	vacuolar prote	VPS53	1.334
Bt.27088.1.A1_at	baculoviral IA	BIRC3	-1.229
Bt.27108.1.A1_at	plexin domain	PLXDC1	1.260
Bt.27111.1.A1_at	tubulin folding	TBCC	1.061
Bt.27116.1.A1_at	retinoblastoma	RBBP4	1.271
Bt.27143.1.A1_at	GDNF family r	GFRA2	1.135
Bt.27158.1.A1_at	monoamine o	MAOA	-1.246
Bt.27186.1.S1_at	CCR4-NOT tra	CNOT7	1.438
Bt.27269.1.A1_at	cathepsin W	CTSW	1.175
Bt.27269.2.S1_at	mitochondrial	MRPL2	1.546
Bt.2732.1.A1_at	S100 calcium	S100A8	-1.197
Bt.27395.1.A1_at	transmembran	TMEM189	-1.053
Bt.27455.1.A1_at	elastin microfi	EMILIN2	-1.066
Bt.27478.1.A1_at	rhomboid dom	RHBDD3	-1.065
Bt.27559.1.A1_at	transmembran	TMC6	1.630
Bt.27574.1.A1_at	NFAT activatin	NFAM1	-1.158
Bt.27639.2.A1_at	ganglioside-in	GDAP1	1.255
Bt.27697.1.A1_at	solute carrier	SLC35A4	-1.074
Bt.27767.1.A1_at	coagulation fa	LOC617475	-1.410
Bt.27767.2.S1_at	WDYHV motif	WDYHV1	-1.124
Bt.27807.1.A1_at	PHD finger pr	PHF20	-1.267
Bt.27807.2.S1_at	ring finger pro	RNF145	-1.129
Bt.27891.1.S1_at	RAB, member	RABL4	1.092
Bt.28004.2.S1_a at	small nuclear	SNRPA1	1.283
Bt.28007.1.A1_s at	DCN1, defecti	DCUN1D1	1.213
Bt.28015.1.S1_at	mitochondrial	MRPS11	-1.767
Bt.28027.1.S1_at	Hypothetical p	LOC100302389	1.184
Bt.28061.1.S1_at	coiled-coil dor	CCDC76	1.124
Bt.28123.1.S1_at	poly (ADP-rib	PARP4	1.317
Bt.28143.1.S1_at	protein fucU h	MGC152007	1.196
Bt.28145.1.S1_at	hypothetical p	LOC509263	1.222
Bt.28151.1.S1_at	peptidylprolyl	PPIL4	1.171

Bt.28213.1.S1_at	chromosome	C16orf5	1.159
Bt.28238.1.A1_at	1-phosphatidy	LOC100337091 /// LOC511659	1.247
Bt.28265.1.A1_at	nuclear factor	NFKB1	1.356
Bt.28272.1.S1_at	protein tyrosin	PTPRCAP	-1.051
Bt.28440.2.S1_at	methionyl-tRN	MARS	-1.303
Bt.28442.1.S1_at	midnolin	MIDN	1.265
Bt.2849.1.S1_at	zinc finger pro	ZFP36L2	-1.063
Bt.28527.2.S1_at	tousled-like ki	TLK2	1.136
Bt.28571.1.A1_at	Opioid growth	OGFRL1	1.419
Bt.28593.1.S1_at	trimethylguan	TGS1	1.118
Bt.28611.1.A1_at	alanyl-tRNA s	AARSD1	1.160
Bt.28641.1.S1_at	zinc finger, DH	ZDHHC19	1.243
Bt.28677.1.A1_at	interferon-indu	LOC512486	1.200
Bt.28691.1.S1_at	mitochondrial	MUL1	1.266
Bt.28695.2.A1_at	transmembran	TPRA1	1.297
Bt.28721.1.S1_at	Carnitine palm	CPT1A	1.250
Bt.28732.1.S1_at	Actin filament	AFAP1L1	1.420
Bt.28732.1.S1_s_at	hypothetical p	LOC100124511	1.122
Bt.28928.1.A1_at	Lipopolysacch	LITAF	-1.617
Bt.28936.1.S1_at	cellular repres	CREG1	-1.683
Bt.28938.1.A1_at	nucleoporin 6	NUP62	-1.320
Bt.28970.1.A1_at	hypothetical L	MGC139228	1.030
Bt.2900.1.A1_at	mitochondrial	MRPL53	-1.115
Bt.29056.1.A1_at	lysine (K)-spe	KDM2A	-1.135
Bt.29098.1.A1_at	protein tyrosin	LOC100336920 /// PPFIBP2	1.785
Bt.29124.1.A1_at	WD repeat do	WIP12	1.234
Bt.29138.1.S1_at	N-acetyltransf	NAT10	1.155
Bt.29146.1.S1_at	UDP-Gal:beta	B4GALT2	-1.311
Bt.29220.1.S1_at	ADP-ribosylat	ARF1	-1.039
Bt.29233.1.A1_at	stress-associ	SERP1	-1.025
Bt.29296.1.S1_at	MOCO sulphu	MOSC1	-1.068
Bt.29317.1.S1_at	apolipoprotein	APOBEC3B	-1.036
Bt.29411.2.A1_at	basic leucine	BATF	1.553
Bt.29425.1.A1_at	Spi-B transcri	SPIB	1.402
Bt.29450.1.S1_at	Calmodulin 3	CALM3	1.250
Bt.29463.1.S1_at	chromosome	C3H1ORF212	1.224
Bt.29488.1.S1_at	HD domain co	HDHC2	-1.222
Bt.29499.1.S1_at	rabaptin, RAB	RABEP2	-1.006
Bt.29532.1.A1_at	jumonji domai	JMJD1C	1.230
Bt.29542.1.A1_at	trafficking prot	TRAPPC6A	-1.112
Bt.29558.1.A1_at	interleukin-1 r	IRAK4	1.144
Bt.29559.1.A1_at	RELT tumor n	RELT	1.471
Bt.29565.1.A1_at	cancer suscep	CASC3	-1.101
Bt.29643.1.A1_at	ring finger and	RSPRY1	1.432
Bt.29661.1.A1_at	mitochondrial	MRPL41	1.126
Bt.29662.1.A1_at	TBC1 domain	TBC1D20	1.258
Bt.29682.1.S1_at	protein phosp	PPP6C	1.137
Bt.29690.1.A1_at	adenosine A2	ADORA2B	-1.072
Bt.29711.1.S1_at	solute carrier	SLC38A2	1.150
Bt.29725.1.A1_at	cyclin D-type	CCNDBP1	-1.290
Bt.29751.1.A1_at	HECT, UBA at	HUWE1	-1.266
Bt.29751.1.S1_at	tRNA splicing	TSEN15	-1.410
Bt.29770.1.A1_at	adhesion regu	ADRM1	-1.339
Bt.2980.1.S1_at	laminin, alpha	LAMA5	-1.246
Bt.29839.1.A1_at	neuron derivel	NENF	-1.196

Bt.29840.1.A1_at	zinc finger, CC	ZCCHC3	-1.380
Bt.29893.1.S1_at	Vacuolar prote	VPS37C	-1.095
Bt.29900.1.S1_at	tumor suppress	TSSC4	1.213
Bt.29904.1.S1_at	hippocalcin-lik	HPCAL1	1.188
Bt.29922.1.S1_at	hexokinase 3	HK3	1.312
Bt.29924.1.S1_at	Similar to LOC	LOC783161	1.386
Bt.29938.1.S1_at	FERM domain	FRMD8	-1.129
Bt.3007.1.S1_at	EH domain bin	EHBP1L1	1.548
Bt.3171.1.A1_at	Nuclear prelar	NARF	1.319
Bt.3321.1.S1_at	mitogen-activ	MAP2K7	1.440
Bt.333.1.S1_at	Similar to Kru	LOC520939	-1.168
Bt.3555.1.S1_at	Major histoco	LOC512672	-1.376
Bt.3714.1.A1_at	tumor necrosi	TNFRSF25	1.206
Bt.3722.1.S1_at	WW domain c	WVVOX	1.137
Bt.3732.1.A1_at	solute carrier	SLC45A4	1.367
Bt.3754.1.A1_at	Fanconi anem	FAAP24	1.213
Bt.3947.1.S1_at	CBP/p300 hor	LOC784935	1.535
Bt.3990.1.S1_at	amyloid beta	(APBB1IP	1.458
Bt.4126.1.A1_at	growth and tra	LOC617104	-1.462
Bt.416.1.S1_at	triggering rece	TREM1	-1.272
Bt.4219.1.A1_at	moesin	MSN	1.092
Bt.4374.1.S1_at	synaptotagmir	SYTL1	2.592
Bt.4560.1.S1_s_at	hypothetical L	MGC152190	-1.166
Bt.4609.1.S1_at	hypothetical p	LOC100140540	3.359
Bt.4682.1.S1_at	fibrinogen-like	FGL2	1.095
Bt.4792.1.S1_at	tetraspanin 14	TSPAN14	1.106
Bt.5024.1.S1_at	WD repeat do	LOC100335343	-1.033
Bt.5049.1.S1_at	ring finger pro	RNF181	1.131
Bt.5173.1.A1_at	HIV-1 Tat spe	HTATSF1	1.153
Bt.5211.1.S2_at	coiled-coil dor	CCDC28A	1.174
Bt.5264.2.S1_a_at	antigen identif	MKI67	-1.370
Bt.5266.1.S1_at	SIVA1, apopt	SIVA1	1.503
Bt.5604.1.A1_at	microtubule as	MAST3	-1.266
Bt.5608.1.A1_at	mannosyl (alp	MGAT4B	-1.194
Bt.5652.1.S1_at	copine III-like	LOC100336172	-1.158
Bt.5692.1.S1_at	Sulfotransfera	SULT1C2	1.196
Bt.5874.1.S1_at	SURP and G	SUGP1	1.150
Bt.5881.1.S1_at	zinc finger CC	ZC3H14	-1.050
Bt.5916.1.S1_at	F-box and leu	FBXL3	1.194
Bt.5920.1.A1_at	GRAM domain	GRAMD1C	-1.288
Bt.5969.1.S1_at	mediator com	MED19	1.096
Bt.6090.1.S1_at	ADP-ribosylat	ARF3	1.141
Bt.6295.1.S1_at	asparagine-lin	ALG14	-1.249
Bt.6324.2.A1_at	ring finger pro	RNF213	-1.119
Bt.6361.1.S1_at	cullin 4B	CUL4B	1.370
Bt.6405.1.A1_at	interleukin 1 r	IL1R1	-1.083
Bt.643.1.S1_at	neurobeachin	NBEAL2	-1.305
Bt.6435.1.A1_at	acidic repeat	ACRC	-1.361
Bt.6445.1.S1_at	transmembran	TMEM160	-1.258
Bt.6483.1.A1_at	notch 2	NOTCH2	1.335
Bt.6534.1.S1_at	MYST histone	MYST2	1.077
Bt.6546.1.A1_at	nucleoporin 2	NUP210	1.423
Bt.6556.1.S1_at	ubiquitin spec	USP3	-1.709
Bt.6623.1.A1_at	STAM binding	STAMPB	1.193
Bt.6623.2.S1_at	purinergic rec	P2RY10	1.624

Bt.6801.1.A1_at	cysteine and h	CHORDC1	-1.049
Bt.6838.1.A1_at	MOB1, Mps C	MOBK2A	-1.998
Bt.6903.1.S1_at	cyclin-depend	CDK13	-1.143
Bt.6950.1.S1_at	SCY1-like 3 (\$	SCYL3	-1.210
Bt.6982.1.S1_at	similar to Unc	LOC784034	1.194
Bt.6983.1.S1_at	numb homolog	NUMB	1.077
Bt.7041.1.S1_at	jun proto-onc	JUN	1.199
Bt.7092.1.S1_at	small ArfGAP	SMAP1	1.202
Bt.7329.1.S1_at	G-2 and S-ph	GTSE1	-1.136
Bt.7333.1.S1_at	chromosome C	C16H1orf86	1.491
Bt.7347.1.S1_at	abhydrolase d	ABHD8	1.464
Bt.7536.1.S1_at	WD repeat do	WDR77	1.460
Bt.7633.1.S1_at	Poly (ADP-rib	PARP10	1.896
Bt.7675.1.S1_at	ER lipid raft a	ERLIN1	1.116
Bt.7689.1.S1_at	hypothetical p	LOC532995	-1.095
Bt.7900.1.S1_at	CCR4-NOT tra	CNOT3	1.091
Bt.8015.3.A1_at	geminin, DNA	GMNN	1.313
Bt.8051.1.S1_at	hypothetical L	LOC616332	1.389
Bt.8195.1.S1_at	topoisomeras	TOP3B	1.244
Bt.8208.1.A1_at	mannosyl (alp	LOC790576	1.116
Bt.8293.1.S1_at	chromatin mo	CHMP4B	1.081
Bt.8323.1.S1_at	slingshot hom	SSH3	1.204
Bt.8490.1.A1_at	V-set and tran	VSTM1	1.157
Bt.8563.1.S2_at	similar to Unc	LOC100139027	1.109
Bt.869.2.S1_at	nucleotide bin	NUBP1	1.300
Bt.8750.1.S1_at	lysine (K)-spe	LOC100140276	1.133
Bt.8785.1.S1_at	tetratricopepti	TRANK1	1.269
Bt.8798.2.S1_at	nitric oxide syn	NOSIP	-1.035
Bt.8869.2.S1_at	sterol-C5-des	SC5DL	1.452
Bt.8871.1.S1_at	WAS/WASL in	WIPF1	1.113
Bt.8920.1.S1_at	zinc finger, AN	ZFAND3	1.473
Bt.9099.1.A1_at	GDP-mannos	GMDS	1.045
Bt.9109.1.S1_at	Janus kinase	JAK1	-1.311
Bt.911.1.S1_at	RAD23 homol	RAD23A	1.173
Bt.9110.1.A1_at	potassium cha	KCTD20	-1.280
Bt.9126.1.S1_at	Required for r	RMND5A	1.383
Bt.9131.1.S1_at	phosphatidylir	PICALM	-1.801
Bt.9142.1.A1_at	Gigaxonin	GAN	1.638
Bt.9172.1.A1_at	phosphatidylir	PITPNM1	1.192
Bt.9191.1.S1_at	RAS guanyl re	RASGRP1	1.318
Bt.9276.1.A1_at	ubiquitin-fold r	UFM1	-1.017
Bt.9301.1.A1_at	agouti related	AGRP	1.218
Bt.9485.1.S1_at	Small nuclear	SNAPC5	-1.349
Bt.9511.1.S1_at	GRAM domain	GRAMD1A	-1.007
Bt.9531.1.S1_at	hydroxysteroid	HSD17B4	1.714
Bt.9571.2.S1_at	unkempt hom	UNK	-1.039
Bt.9618.1.S1_at	DCN1, defecti	DCUN1D5	1.357
Bt.9722.1.S1_at	polymerase (P	POLR2G	-1.315
Bt.9730.1.S1_at	NTF2-like exp	NXT1	1.279
Bt.9744.1.S1_at	adaptor-relate	AP1S2	1.488
Bt.9841.1.S1_at	kringle contain	KREMEN2	1.208
Bt.9903.1.S1_at	TNF receptor-	TRAF1	1.075
Bt.9924.1.S1_at	lectin, galacto	LGALS4	1.429
Bt.9947.1.S1_at	selenocysteine	SCLY	-1.294
Bt.9985.1.S1_at	COX19 cytoch	COX19	-1.157

