

SUPPORTIVE/SUPPLEMENTARY MATERIAL

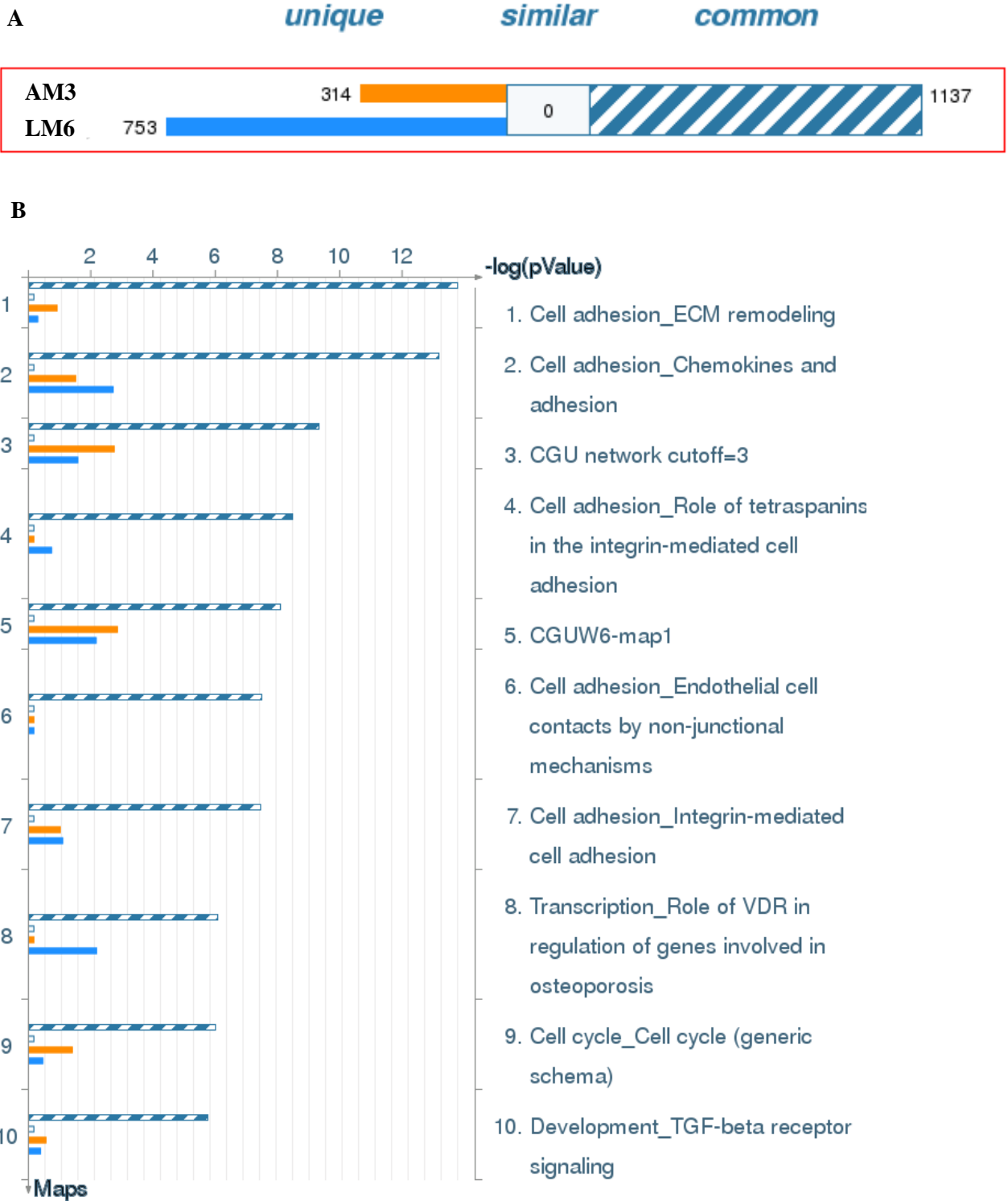


Fig. (S1). Comparison of gene expression and GeneGo canonical pathway maps between AM3 and LM6 cells.

A. The parameters for comparison are set at threshold of 3 with p-value of 0.05. The common genes are indicated by blue/white strips. The unique genes are marked as color band: (1) AM3, orange; (2) LM6, blue. No genes from “similar” set are present.

B. The top 10 common GeneGo canonical pathway maps between AM3 and LM6 cells. The degree of “relevance” to different GeneGo ontology categories is defined by p-value, so that the lower random p-value gets higher priority.

Table S1. Levels of 974 Most Abundantly Expressed mRNAs in AM3 Cells

Probe ID	Gene Symbol	AM3	LM6	AM3/LM6	LM6/AM3	Description	Genbank	UniGene
204475_at	MMP1	2074.00	1589.00	1.31	0.77	matrix metalloproteinase 1 (interstitial collagenase)	NM_002421	Hs.83169
205828_at	MMP3	1341.00	1052.00	1.27	0.78	matrix metalloproteinase 3 (stromelysin 1, progelatinase)	NM_002422	Hs.375129
218468_s_at	GREM1	1170.00	1339.00	0.87	1.14	gremlin 1, cysteine knot superfamily, homolog (Xenopus laevis)	AF154054	Hs.40098
214974_x_at	CXCL5	648.80	874.00	0.74	1.35	chemokine (C-X-C motif) ligand 5	AK026546	Hs.89714
205767_at	EREG	402.90	639.20	0.63	1.59	epiregulin	NM_001432	Hs.115263
206172_at	IL13RA2	368.40	108.00	3.41	0.29	interleukin 13 receptor, alpha 2	NM_000640	Hs.336046
206569_at	IL24	255.50	38.21	6.69	0.15	interleukin 24; synonyms: C49A, FISP, MDA7, ST16, IL-24, IL10B, Mob-5, mda-7; isoform 2 is encoded by transcript variant 2; melanoma differentiation association protein 7; suppression of tumorigenicity 16 (melanoma differentiation); IL-24 splice variant d	NM_006850	Hs.658964
227300_at	TMEM119	227.00	243.10	0.93	1.07	transmembrane protein 119	AL521682	Hs.449718
210119_at	KCNJ15	201.80	125.50	1.61	0.62	potassium inwardly-rectifying channel, subfamily J, member 15; synonyms: IRKK, KIR1.3, KIR4.2, MGC13584; inward rectifier K ⁺ channel KIR4.2; ATP-sensitive inward rectifier potassium channel 15; Homo sapiens potassium inwardly-rectifying channel, subfamily	U73191	Hs.411299
211506_s_at	IL8	115.30	49.39	2.33	0.43	interleukin 8	AF043337	Hs.624
214218_s_at	XIST	113.90	145.40	0.78	1.28	X (inactive)-specific transcript	AV699347	Hs.529901
209955_s_at	FAP	103.60	105.30	0.98	1.02	fibroblast activation protein, alpha	U76833	Hs.654370
1555673_at	LOC728285 /// LOC728934	92.24	714.90	0.13	7.75	keratin associated protein 2-4	BC012486	---
203000_at	STMN2	91.48	67.12	1.36	0.73	stathmin-like 2	BF967657	Hs.521651
204774_at	EVI2A	82.59	63.83	1.29	0.77	ecotropic viral integration site 2A; synonyms: EVDA, EVI2; isoform 2 is encoded by transcript variant 2; Homo sapiens ecotropic viral integration site 2A (EVI2A), transcript variant 2, mRNA.	NM_014210	Hs.591198
214927_at	ITGBL1	75.73	223.20	0.34	2.95	integrin, beta-like 1 (with EGF-like repeat domains)	AL359052	Hs.696554
222780_s_at	BAALC	69.93	41.44	1.69	0.59	brain and acute leukemia, cytoplasmic; synonym: FLJ12015; isoform 1 is encoded by transcript variant 1; Homo sapiens brain and acute leukemia, cytoplasmic (BAALC), transcript variant 1, mRNA.	AI870583	Hs.533446
206421_s_at	SERPINB7	69.65	30.54	2.28	0.44	serpin peptidase inhibitor, clade B (ovalbumin), member 7	NM_003784	Hs.138202
230748_at	SLC16A6	67.47	238.20	0.28	3.53	solute carrier family 16, member 6 (monocarboxylic acid transporter 7)	AI873273	Hs.42645
214651_s_at	HOXA9	66.78	59.98	1.11	0.90	homeobox A9	U41813	Hs.659350
220532_s_at	TMEM176B	64.98	10.68	6.08	0.16	transmembrane protein 176B	NM_014020	Hs.647090
210261_at	KCNK2	64.95	45.75	1.42	0.70	potassium channel, subfamily K, member 2; synonyms: TREK, TPKC1, TREK1, K2p2.1, TREK-1, hTREK-1c, hTREK-1e, MGC126742, MGC126744; isoform c is encoded by transcript variant 3; potassium inwardly-rectifying channel, subfamily K, member 2; potassium channel	AF004711	Hs.497745

(Table S1) contd....

Probe ID	Gene Symbol	AM3	LM6	AM3/LM6	LM6/AM3	Description	Genbank	UniGene
206026_s_at	TNFAIP6	60.64	116.60	0.52	1.92	tumor necrosis factor, alpha-induced protein 6	NM_007115	Hs.437322
229307_at	ANKRD28	58.23	16.07	3.62	0.28	ankyrin repeat domain 28	N32051	Hs.335239
209396_s_at	CHI3L1	57.41	116.90	0.49	2.04	chitinase 3-like 1 (cartilage glycoprotein-39)	M80927	Hs.382202
206376_at	SLC6A15	55.77	43.23	1.29	0.78	solute carrier family 6, member 15; synonyms: V7-3, NTT73, hv7-3, FLJ10316, MGC87066, DKFZp76110921; isoform 1 is encoded by transcript variant 1; solute carrier family 6 (neurotransmitter transporter), member 15; homolog of rat orphan transporter v7-3; s	NM_018057	Hs.44424
232201_at	NKD2	55.62	9.80	5.68	0.18	naked cuticle homolog 2 (Drosophila)	BC004940	Hs.240951
218959_at	HOXC10	53.00	192.30	0.28	3.63	homeobox C10	NM_017409	Hs.44276
203435_s_at	MME	52.67	60.43	0.87	1.15	membrane metallo-endopeptidase; synonyms: NEP, CD10, CALLA, MGC126681, MGC126707, DKFZp686O16152; neprilysin; membrane metallo-endopeptidase (neutral endopeptidase, enkephalinase, CALLA, CD10); atriopetidase; common acute lymphocytic leukemia antigen; me	NM_007287	Hs.307734
209990_s_at	GABBR2	48.87	87.44	0.56	1.79	gamma-aminobutyric acid (GABA) B receptor, 2	AF056085	Hs.198612
229461_x_at	NEGR1	48.32	65.08	0.74	1.35	neuronal growth regulator 1	AI123532	Hs.146542
206796_at	WISP1	47.87	46.29	1.03	0.97	WNT1 inducible signaling pathway protein 1; synonyms: CCN4, WISP1c, WISP1i, WISP1tc; isoform 2 precursor is encoded by transcript variant 2; wnt-1 signaling pathway protein 1; Wnt-1 inducible signaling pathway protein 1; WNT1 induced secreted protein 1; H	NM_003882	Hs.492974
223618_at	FMN2	47.27	32.36	1.46	0.68	formin 2	AF225426	Hs.24889
231202_at	ALDH1L2	45.57	48.53	0.94	1.06	aldehyde dehydrogenase 1 family, member L2	AI654224	Hs.42572
202888_s_at	ANPEP	45.06	35.47	1.27	0.79	alanyl (membrane) aminopeptidase (aminopeptidase N, aminopeptidase M, microsomal aminopeptidase, CD13, p150)	NM_001150	Hs.1239
201525_at	APOD	44.88	110.70	0.41	2.47	apolipoprotein D	NM_001647	Hs.522555
205542_at	STEAP1	41.98	38.10	1.10	0.91	six transmembrane epithelial antigen of the prostate 1	NM_012449	Hs.61635
215813_s_at	PTGS1	41.83	34.40	1.22	0.82	prostaglandin-endoperoxide synthase 1 (prostaglandin G/H synthase and cyclooxygenase); synonyms: COX1, COX3, PHS1, PCOX1, PGHS1, PTGHS, PGG/HS, PGHS-1; isoform 2 precursor is encoded by transcript variant 2; Homo sapiens prostaglandin-endoperoxide synthas	S36219	Hs.201978
1559072_a_at	LRRC62	41.24	76.70	0.54	1.86	leucine rich repeat containing 62	BC032083	Hs.696612
205991_s_at	PRRX1	40.51	20.30	2.00	0.50	paired related homeobox 1; synonyms: PMX1, PRX1, PHOX1; isoform pmx-1b is encoded by transcript variant pmx-1b; homeobox protein PHOX1; paired mesoderm homeo box 1; Homo sapiens paired related homeobox 1 (PRRX1), transcript variant pmx-1b, mRNA.	NM_006902	Hs.283416
213068_at	DPT	40.04	44.77	0.89	1.12	dermatopontin	AI146848	Hs.80552
206932_at	CH25H	40.01	61.00	0.66	1.52	cholesterol 25-hydroxylase	NM_003956	Hs.47357

(Table S1) contd....

Probe ID	Gene Symbol	AM3	LM6	AM3/LM6	LM6/AM3	Description	Genbank	UniGene
226545_at	CD109	39.85	42.38	0.94	1.06	CD109 molecule	AL110152	Hs.399891
210875_s_at	ZEB1	38.89	16.42	2.37	0.42	zinc finger E-box binding homeobox 1	U12170	Hs.124503
222862_s_at	AK5	38.79	81.43	0.48	2.10	adenylate kinase 5; synonyms: AK6, MGC33326; isoform 1 is encoded by transcript variant 1; adenylate kinase 6; ATP-AMP transphosphorylase; Homo sapiens adenylate kinase 5 (AK5), transcript variant 1, mRNA.	BG169832	Hs.559718
215856_at	SIGLEC15	37.66	12.71	2.96	0.34	sialic acid binding Ig-like lectin 15	AK025833	Hs.287692
220559_at	EN1	37.39	41.98	0.89	1.12	engrailed homeobox 1	NM_001426	Hs.271977
231001_at	FIBIN	36.69	27.80	1.32	0.76	similar to RIKEN cDNA 1110018M03	AI755024	Hs.694899
219908_at	DKK2	36.43	81.35	0.45	2.23	dickkopf homolog 2 (<i>Xenopus laevis</i>)	NM_014421	Hs.211869
235631_at	DDR2	36.08	14.73	2.45	0.41	discoidin domain receptor family, member 2; synonyms: TKT, MIG20a, NTRKR3, TYRO10; neurotrophic tyrosine kinase receptor related 3; tyrosylprotein kinase; hydroxyaryl-protein kinase; cell migration-inducing protein 20; migration-inducing gene 16 protein;	AA545764	Hs.591469
231906_at	HOXD8	34.89	42.50	0.82	1.22	homeobox D8	BF057634	Hs.301963
213895_at	EMP1	34.42	62.95	0.55	1.83	epithelial membrane protein 1	BF445047	Hs.696241
223278_at	GJB2	34.30	37.27	0.92	1.09	gap junction protein, beta 2, 26kDa	M86849	---
201109_s_at	THBS1	34.19	32.01	1.07	0.94	thrombospondin 1	AV726673	Hs.164226
219959_at	MOCOS	33.17	17.66	1.88	0.53	molybdenum cofactor sulfurase	NM_017947	Hs.405028
220794_at	GREM2	32.82	20.84	1.57	0.63	gremlin 2, cysteine knot superfamily, homolog (<i>Xenopus laevis</i>)	NM_022469	Hs.98206
214702_at	FN1	32.10	27.96	1.15	0.87	fibronectin 1; synonyms: FN, CIG, MSF, FINC, LETS, DKFZp686H0342, DKFZp686I1370, DKFZp686F10164, DKFZp686O13149; isoform 7 preproprotein is encoded by transcript variant 7; cold-insoluble globulin; migration-stimulating factor; migration stimulating facto	AJ276395	Hs.203717
207177_at	PTGFR	32.08	16.39	1.96	0.51	prostaglandin F receptor (FP)	NM_000959	Hs.654365
204470_at	CXCL1	31.72	30.45	1.04	0.96	chemokine (C-X-C motif) ligand 1 (melanoma growth stimulating activity, alpha)	NM_001511	Hs.789
202435_s_at	CYP1B1	31.69	23.28	1.36	0.73	cytochrome P450, family 1, subfamily B, polypeptide 1	AU154504	Hs.154654
226281_at	DNER	31.51	57.98	0.54	1.84	delta/notch-like EGF repeat containing	BF059512	Hs.234074
203186_s_at	S100A4	31.31	29.27	1.07	0.93	S100 calcium binding protein A4; synonyms: 42A, 18A2, CAPL, FSPI, MTS1, P9KA, PEL98; S100 calcium-binding protein A4 (calcium protein, calvasculin, metastasin, murine placental homolog); malignant transformation suppression 1; S100 calcium binding protein	NM_002961	Hs.654444
217428_s_at	COL10A1	31.27	72.64	0.43	2.32	collagen, type X, alpha 1(Schmid metaphyseal chondrodysplasia)	X98568	Hs.520339
227566_at	HNT	31.19	31.50	0.99	1.01	neurotrimin	AW085558	Hs.504352

(Table S1) contd....

Probe ID	Gene Symbol	AM3	LM6	AM3/LM6	LM6/AM3	Description	Genbank	UniGene
232231_at	RUNX2	30.71	29.37	1.05	0.96	runt-related transcription factor 2; synonyms: CCD, AML3, CCD1, OSF2, CBFA1, PEA2aA, PEBP2A1, PEBP2A2, PEBP2aA, PEBP2aA1, MGC120022, MGC120023; isoform a is encoded by transcript variant 1; core-binding factor, runt domain, alpha subunit 1; CBF-alpha 1; a	AL353944	Hs.535845
225681_at	CTHRC1	30.57	42.00	0.73	1.37	collagen triple helix repeat containing 1	AA584310	Hs.405614
202800_at	SLC1A3	29.48	31.26	0.94	1.06	solute carrier family 1 (glial high affinity glutamate transporter), member 3	NM_004172	Hs.481918
218345_at	TMEM176A	29.33	3.13	9.38	0.11	transmembrane protein 176A	NM_018487	Hs.647116
201148_s_at	TIMP3	28.58	21.47	1.33	0.75	TIMP metalloproteinase inhibitor 3 (Sorsby fundus dystrophy, pseudoinflammatory)	AW338933	Hs.644633
216250_s_at	LPXN	28.51	28.86	0.99	1.01	leupaxin	X77598	Hs.125474
233660_at	EHD4	28.50	14.30	1.99	0.50	EH-domain containing 4	BG540685	Hs.143703
212192_at	KCTD12	28.35	33.94	0.84	1.20	potassium channel tetramerisation domain containing 12	AI718937	Hs.693617
211653_x_at	AKR1C2	27.21	22.23	1.22	0.82	aldo-keto reductase family 1, member C2 (dihydrodiol dehydrogenase 2; bile acid binding protein; 3-alpha hydroxysteroid dehydrogenase, type III); synonyms: DD, DD2, BABP, DDH2, HBAB, HAKRD, MCDR2, AKR1C-pseudo; trans-1,2-dihydrobenzene-1,2-diol dehydrogen	M33376	Hs.567256
244885_at	EBF2	26.96	12.85	2.10	0.48	Early B-cell factor 2	AI016316	Hs.491292
203716_s_at	DPP4	26.74	12.70	2.11	0.47	dipeptidyl-peptidase 4 (CD26, adenosine deaminase complexing protein 2)	M80536	Hs.368912
239903_at	TPBG	26.62	29.99	0.89	1.13	MRNA full length insert cDNA clone EUROIMAGE 994183	AA565852	Hs.82128
204971_at	CSTA	26.55	27.78	0.96	1.05	cystatin A (stefin A)	NM_005213	Hs.518198
229404_at	TWIST2	26.51	22.41	1.18	0.85	twist homolog 2 (Drosophila)	AI086614	Hs.694894
1558733_at	ZBTB38	26.35	3.37	7.82	0.13	zinc finger and BTB domain containing 38	BE386445	Hs.518301
206336_at	CXCL6	26.17	32.81	0.80	1.25	chemokine (C-X-C motif) ligand 6 (granulocyte chemotactic protein 2)	NM_002993	Hs.164021
228335_at	CLDN11	25.79	43.77	0.59	1.70	claudin 11 (oligodendrocyte transmembrane protein)	AW264204	Hs.31595
226725_at	SLFN5	25.76	28.59	0.90	1.11	Transcribed locus	AI435399	Hs.14691
209774_x_at	CXCL2	25.15	18.94	1.33	0.75	chemokine (C-X-C motif) ligand 2	M57731	Hs.590921
214841_at	CNIH3	25.10	17.52	1.43	0.70	cornichon homolog 3 (Drosophila)	AF070524	Hs.28659
204575_s_at	LOC732415 /// MMP19	24.62	32.53	0.76	1.32	matrix metalloproteinase 19	U38321	Hs.591033
207850_at	CXCL3	24.50	25.89	0.95	1.06	chemokine (C-X-C motif) ligand 3	NM_002090	Hs.89690
206100_at	CPM	24.14	24.03	1.00	1.00	carboxypeptidase M; Homo sapiens carboxypeptidase M (CPM), transcript variant 1, mRNA.; Homo sapiens carboxypeptidase M (CPM), transcript variant 2, mRNA.	NM_001874	Hs.654387
1552658_a_at	NAV3	23.49	19.20	1.22	0.82	neuron navigator 3	NM_014903	Hs.655301

(Table S1) contd....

Probe ID	Gene Symbol	AM3	LM6	AM3/LM6	LM6/AM3	Description	Genbank	UniGene
203543_s_at	KLF9	23.36	11.17	2.09	0.48	Kruppel-like factor 9	NM_001206	Hs.150557
206631_at	PTGER2	23.23	29.33	0.79	1.26	prostaglandin E receptor 2 (subtype EP2), 53kDa	NM_000956	Hs.2090
213429_at	BICC1	23.10	27.36	0.84	1.18	CDNA FLJ26539 fis, clone KDN09310	AW025579	Hs.158745
231879_at	COL12A1	22.68	10.70	2.12	0.47	collagen, type XII, alpha 1; synonyms: COL12A1L, BA209D8.1, DJ234P15.1; short isoform precursor is encoded by transcript variant short; collagen, type XII, alpha 1-like; collagen type XII proteoglycan; Homo sapiens collagen, type XII, alpha 1 (COL12A1), t	AL096771	Hs.101302
1555788_a_at	TRIB3	22.43	4.96	4.53	0.22	tribbles homolog 3 (Drosophila)	AF250311	Hs.516826
218625_at	NRN1	21.96	43.87	0.50	2.00	neuritin 1	NM_016588	Hs.103291
219134_at	ELTD1	21.95	27.58	0.80	1.26	EGF, latrophilin and seven transmembrane domain containing 1	NM_022159	Hs.132314
229437_at	BIC	21.95	14.81	1.48	0.67	BIC transcript	BG231961	Hs.697120
213075_at	OLFML2A	21.75	7.91	2.75	0.36	olfactomedin-like 2A	AL050002	Hs.357004
205885_s_at	ITGA4	21.73	25.64	0.85	1.18	integrin, alpha 4 (antigen CD49D, alpha 4 subunit of VLA-4 receptor)	L12002	Hs.694732
202411_at	IFI27	21.55	12.76	1.69	0.59	interferon, alpha-inducible protein 27	NM_005532	Hs.532634
219279_at	DOCK10	21.51	29.83	0.72	1.39	dedicator of cytokinesis 10	NM_017718	Hs.46578
215388_s_at	CFH /// CFHR1	21.41	22.25	0.96	1.04	complement factor H; synonyms: FH, HF, HF1, HF2, HUS, FHL1, ARMD4, ARMS1, CFHL3, MGC88246; isoform b precursor is encoded by transcript variant 2; factor H-like 1; beta-1-H-globulin; H factor 2 (complement); H factor 1 (complement); complement factor H, i	X56210	Hs.363396
210839_s_at	ENPP2	21.30	11.25	1.89	0.53	ectonucleotide pyrophosphatase/phosphodiesterase 2 (autotaxin)	D45421	Hs.190977
202450_s_at	CTSK	21.11	18.92	1.12	0.90	cathepsin K	NM_000396	Hs.632466
216252_x_at	FAS	21.08	19.80	1.06	0.94	Fas (TNF receptor superfamily, member 6); synonyms: APT1, CD95, FAS1, APO-1, FASTM, ALPS1A, TNFRSF6; isoform 2 precursor is encoded by transcript variant 2; tumor necrosis factor receptor superfamily, member 6; apoptosis antigen 1; Fas antigen; APO-1 cell	Z70519	Hs.244139
210311_at	FGF5	21.04	42.49	0.50	2.02	fibroblast growth factor 5; synonyms: HBGF-5, Smag-82; isoform 2 precursor is encoded by transcript variant 2; heparin-binding growth factor 5; Homo sapiens fibroblast growth factor 5 (FGF5), transcript variant 2, mRNA.	AF171928	Hs.37055
233533_at	KRTAP1-5 /// LOC728956	21.01	166.90	0.13	7.94	keratin associated protein 1-5	AJ406928	Hs.534499
227475_at	FOXQ1	20.25	19.40	1.04	0.96	forkhead box Q1	AI676059	Hs.591352
228708_at	RAB27B	19.66	50.97	0.39	2.59	Clone 25194 mRNA sequence	BF438386	Hs.25318
202628_s_at	SERPINE1	19.49	23.48	0.83	1.20	serpin peptidase inhibitor, clade E (nexin, plasminogen activator inhibitor type 1), member 1	NM_000602	Hs.414795
1554062_at	XG	19.44	28.98	0.67	1.49	Xg blood group	AF380356	Hs.179675

(Table S1) contd....

Probe ID	Gene Symbol	AM3	LM6	AM3/LM6	LM6/AM3	Description	Genbank	UniGene
224942_at	PAPPA	19.34	27.71	0.70	1.43	pregnancy-associated plasma protein A, pappalysin 1	BG434272	Hs.694735
217599_s_at	MDFIC	18.75	9.92	1.89	0.53	MyoD family inhibitor domain containing	BE910600	Hs.427236
204151_x_at	AKR1C1	18.39	18.98	0.97	1.03	aldo-keto reductase family 1, member C1 (dihydrodiol dehydrogenase 1; 20-alpha (3-alpha)-hydroxysteroid dehydrogenase)	NM_001353	Hs.460260
214535_s_at	ADAMTS2	18.09	26.93	0.67	1.49	ADAM metallopeptidase with thrombospondin type 1 motif, 2; synonyms: NPI, PCINP, PCPNI, hPCPNI, ADAM-TS2, ADAMTS-3; isoform 2 is encoded by transcript variant 2; procollagen 1 N-proteinase; a disintegrin-like and metalloprotease (reprolysin type) with thr	NM_021599	Hs.591725
1568623_a_at	SLC35E4	17.95	16.30	1.10	0.91	solute carrier family 35, member E4	BC040191	Hs.660384
1555229_a_at	C1S	17.92	4.37	4.10	0.24	complement component 1, s subcomponent; Homo sapiens complement component 1, s subcomponent (C1S), transcript variant 2, mRNA.	BC007010	Hs.458355
232122_s_at	VEPH1	17.80	33.15	0.54	1.86	ventricular zone expressed PH domain homolog 1 (zebrafish)	AK022666	Hs.658046
225016_at	APCDD1	17.63	4.35	4.05	0.25	adenomatosis polyposis coli down-regulated 1	N48299	Hs.293274
230472_at	IRX1	17.62	14.52	1.21	0.82	iroquois homeobox protein 1	AI870306	Hs.424156
230109_at	PDE7B	17.57	14.88	1.18	0.85	phosphodiesterase 7B	AI638433	Hs.652367
229055_at	GPR68	17.42	17.29	1.01	0.99	G protein-coupled receptor 68	AI805006	Hs.8882
205207_at	IL6	17.18	19.89	0.86	1.16	interleukin 6 (interferon, beta 2)	NM_000600	Hs.654458
217546_at	MT1M	16.99	27.36	0.62	1.61	metallothionein 1M	R06655	Hs.647370
218638_s_at	SPON2	16.85	33.16	0.51	1.97	spondin 2, extracellular matrix protein	NM_012445	Hs.302963
204726_at	CDH13	16.70	17.53	0.95	1.05	cadherin 13, H-cadherin (heart)	NM_001257	Hs.654386
206766_at	ITGA10	16.60	11.33	1.47	0.68	integrin, alpha 10	AF112345	Hs.158237
227486_at	NT5E	16.55	18.93	0.87	1.14	5'-nucleotidase, ecto (CD73)	AI086864	Hs.153952
229432_at	NAGS	16.30	17.00	0.96	1.04	N-acetylglutamate synthase	AV696264	Hs.8876
213032_at	NFIB	16.28	8.83	1.84	0.54	nuclear factor I/B	AI186739	Hs.644095
37892_at	COL11A1	16.24	76.85	0.21	4.73	collagen, type XI, alpha 1; synonyms: STL2, COLL6, CO11A1; isoform B preproprotein is encoded by transcript variant B; collagen XI, alpha-1 polypeptide; collagen XI alpha 1; Homo sapiens collagen, type XI, alpha 1 (COL11A1), transcript variant B, mRNA.; i	J04177	Hs.523446
206377_at	FOXF2	16.13	15.38	1.05	0.95	forkhead box F2	NM_001452	Hs.484423
227812_at	TNFRSF19	16.09	17.90	0.90	1.11	tumor necrosis factor receptor superfamily, member 19; synonyms: TAJ, TROY, TRADE, TAJ-alpha; isoform 2 precursor is encoded by transcript variant 2; toxicity and JNK inducer; Homo sapiens tumor necrosis factor receptor superfamily, member 19 (TNFRSF19),	BF432648	Hs.149168
214453_s_at	IFI44	15.83	9.94	1.59	0.63	interferon-induced protein 44	NM_006417	Hs.82316
205131_x_at	CLEC11A	15.54	25.38	0.61	1.63	C-type lectin domain family 11, member A	NM_002975	Hs.512680

(Table S1) contd....

Probe ID	Gene Symbol	AM3	LM6	AM3/LM6	LM6/AM3	Description	Genbank	UniGene
217997_at	PHLDA1	15.54	9.47	1.64	0.61	pleckstrin homology-like domain, family A, member 1	AI795908	Hs.602085
220351_at	CCRL1	15.52	8.89	1.75	0.57	chemokine (C-C motif) receptor-like 1; synonyms: PPR1, CCBP2, CCR10, CCR11, VSHK1, CKR-11, CCX-CKR, CC-CKR-11; orphan seven-transmembrane receptor, chemokine related; chemokine, cc motif, receptor-like protein 1; C-C chemokine receptor type 11; chemocentr	NM_016557	Hs.310512
210807_s_at	SLC16A7	15.51	4.10	3.78	0.26	solute carrier family 16, member 7 (monocarboxylic acid transporter 2)	AF049608	Hs.439643
202202_s_at	LAMA4	15.44	20.87	0.74	1.35	laminin, alpha 4	NM_002290	Hs.654572
219771_at	TBC1D8B	15.33	23.41	0.65	1.53	TBC1 domain family, member 8B (with GRAM domain); synonyms: FLJ20298, RP11-321G1.1; isoform b is encoded by transcript variant 2; Homo sapiens TBC1 domain family, member 8B (with GRAM domain) (TBC1D8B), transcript variant 2, mRNA.	NM_017752	Hs.351798
204337_at	RGS4	15.31	69.49	0.22	4.54	regulator of G-protein signalling 4	AL514445	Hs.386726
225173_at	ARHGAP18	15.29	7.26	2.11	0.48	Rho GTPase activating protein 18	BE501862	Hs.486458
226743_at	SLFN11	15.20	18.43	0.82	1.21	schlafen family member 11	AW003459	Hs.462829
1554741_s_at	FGF7 /// KGFLP1 /// KGFLP2	14.96	9.42	1.59	0.63	fibroblast growth factor 7 (keratinocyte growth factor)	AF523265	Hs.658040
204221_x_at	GLIPR1	14.86	14.28	1.04	0.96	GLI pathogenesis-related 1 (glioma)	U16307	Hs.205558
205433_at	BCHE	14.81	25.48	0.58	1.72	butyrylcholinesterase	NM_000055	Hs.420483
219257_s_at	SPHK1	14.70	30.30	0.49	2.06	sphingosine kinase 1; synonym: SPHK; isoform 2 is encoded by transcript variant 2; Homo sapiens sphingosine kinase 1 (SPHK1), transcript variant 2, mRNA.	NM_021972	Hs.68061
203477_at	COL15A1	14.62	4.85	3.02	0.33	collagen, type XV, alpha 1	NM_001855	Hs.409034
235417_at	SPOCD1	14.61	22.87	0.64	1.57	SPOC domain containing 1	BF689253	Hs.62604
236834_at	SCFD2	14.55	19.20	0.76	1.32	sec1 family domain containing 2	AI025103	Hs.302287
229435_at	GLIS3	14.54	9.31	1.56	0.64	GLIS family zinc finger 3	AW025602	Hs.162125
1558517_s_at	LRRC8C	14.51	8.15	1.78	0.56	CDNA FLJ37485 fis, clone BRAWH2014379	CA773938	Hs.657493
205883_at	ZBTB16	14.47	9.58	1.51	0.66	zinc finger and BTB domain containing 16; synonyms: PLZF, ZNF145; zinc finger protein 145 (Kruppel-like, expressed in promyelocytic leukemia); Kruppel-like zinc finger protein; Homo sapiens zinc finger and BTB domain containing 16 (ZBTB16), transcript var	NM_006006	Hs.591945
204560_at	FKBP5	14.36	5.79	2.48	0.40	FK506 binding protein 5	NM_004117	Hs.407190
210997_at	HGF	14.09	17.42	0.81	1.24	hepatocyte growth factor (hepapoietin A; scatter factor); synonyms: SF, HGFB, HPTA, F-TCF; isoform 2 precursor is encoded by transcript variant 2; hepatopoietin A; fibroblast-derived tumor cytotoxic factor; lung fibroblast-derived mitogen; Homo sapiens he	M77227	Hs.396530

(Table S1) contd....

Probe ID	Gene Symbol	AM3	LM6	AM3/LM6	LM6/AM3	Description	Genbank	UniGene
206157_at	PTX3	14.07	41.70	0.34	2.96	pentraxin-related gene, rapidly induced by IL-1 beta	NM_002852	Hs.591286
1552489_s_at	MPP4	13.84	17.22	0.80	1.24	membrane protein, palmitoylated 4 (MAGUK p55 subfamily member 4)	NM_033066	Hs.63085
210511_s_at	INHBA	13.82	39.56	0.35	2.86	inhibin, beta A (activin A, activin AB alpha polypeptide)	M13436	Hs.583348
220117_at	ZNF659	13.70	13.41	1.02	0.98	zinc finger protein 659	NM_024697	Hs.21026
236088_at	NTNG1	13.69	14.69	0.93	1.07	netrin G1	AV723308	Hs.657434
222719_s_at	PDGFC	13.62	11.07	1.23	0.81	platelet derived growth factor C	AB033831	Hs.570855
203887_s_at	THBD	13.54	7.74	1.75	0.57	thrombomodulin	NM_000361	Hs.2030
213139_at	SNAI2	13.45	15.96	0.84	1.19	snail homolog 2 (Drosophila)	AI572079	Hs.360174
203475_at	CYP19A1	13.43	5.84	2.30	0.43	cytochrome P450, family 19, subfamily A, polypeptide 1; synonyms: ARO, ARO1, CPV1, CYAR, CYP19, MGC104309, P-450AROM; microsomal monooxygenase; flavoprotein-linked monooxygenase; estrogen synthetase; cytochrome P450, subfamily XIX (aromatization of androg	NM_000103	Hs.654384
206298_at	ARHGAP22	13.37	30.69	0.44	2.30	Rho GTPase activating protein 22	NM_021226	Hs.655672
212624_s_at	CHN1	13.30	20.24	0.66	1.52	chimerin (chimaerin) 1; synonyms: CHN, ARHGAP2, RHOGAP2; Chimerin 1 (GTPase-activating protein, rho, 2); n-chimerin; Homo sapiens chimerin (chimaerin) 1 (CHN1), transcript variant 1, mRNA.	BF339445	Hs.654534
219737_s_at	PCDH9	13.25	22.23	0.60	1.68	protocadherin 9; isoform 1 precursor is encoded by transcript variant 1; cadherin superfamily protein VR4-11; Homo sapiens protocadherin 9 (PCDH9), transcript variant 1, mRNA.	AI524125	Hs.654709
212938_at	COL6A1	13.19	6.13	2.15	0.46	collagen, type VI, alpha 1	M20776	Hs.474053
217553_at	MGC87042	13.13	23.22	0.57	1.77	similar to Six transmembrane epithelial antigen of prostate	AW129021	Hs.512234
209732_at	CLEC2B	13.06	28.08	0.47	2.15	C-type lectin domain family 2, member B	BC005254	Hs.85201
202238_s_at	NNMT	13.03	14.22	0.92	1.09	nicotinamide N-methyltransferase	NM_006169	Hs.503911
242324_x_at	CCBE1	12.96	17.63	0.74	1.36	collagen and calcium binding EGF domains 1	AA740403	Hs.34333
214866_at	PLAUR	12.78	15.21	0.84	1.19	plasminogen activator, urokinase receptor; synonyms: CD87, UPAR, URKR; isoform 3 precursor is encoded by transcript variant 3; monocyte activation antigen Mo3; u-plasminogen activator receptor form 2; Homo sapiens plasminogen activator, urokinase receptor	X74039	Hs.466871
229354_at	AHRR	12.77	10.78	1.18	0.84	programmed cell death 6; aryl-hydrocarbon receptor repressor	AB033060	---
219493_at	SHCBP1	12.72	12.87	0.99	1.01	SHC SH2-domain binding protein 1	NM_024745	Hs.123253
208965_s_at	IFI16	12.58	3.77	3.33	0.30	interferon, gamma-inducible protein 16	BG256677	---
211896_s_at	DCN	12.33	7.61	1.62	0.62	decorin; synonyms: CSCD, PG40, PGII, PGS2, DSPG2, SLRR1B; isoform a preproprotein is encoded by transcript variant A2; small leucine-rich protein 1B; dermatan sulphate proteoglycans II; bone proteoglycan II; proteoglycan core protein; decorin proteoglycan	AF138302	Hs.694789

(Table S1) contd....

Probe ID	Gene Symbol	AM3	LM6	AM3/LM6	LM6/AM3	Description	Genbank	UniGene
209897_s_at	SLIT2	12.31	5.76	2.14	0.47	slit homolog 2 (Drosophila)	AF055585	Hs.29802
228575_at	IL20RB	12.20	5.05	2.41	0.41	interleukin 20 receptor beta	AL578102	Hs.61232
206467_x_at	RTEL1 /// TNFRSF6B	12.17	17.36	0.70	1.43	tumor necrosis factor receptor superfamily, member 6b, decoy; regulator of telomere elongation helicase 1; synonyms: M68, TR6, DCR3, DJ583P15.1.1; decoy receptor 3; Homo sapiens tumor necrosis factor receptor superfamily, member 6b, decoy (TNFRSF6B), tran	NM_003823	Hs.434878
226302_at	ATP8B1	12.01	8.12	1.48	0.68	Transcribed locus	BG290908	Hs.216623
243409_at	FOXL1	11.96	19.19	0.62	1.60	forkhead box L1	AI005407	Hs.533830
205130_at	RAGE	11.91	18.74	0.64	1.57	renal tumor antigen	NM_014226	Hs.104119
218967_s_at	PTER	11.90	4.35	2.74	0.37	phosphotriesterase related; synonym: RPR-1; phosphotriesterase-related; resiniferatoxin-binding, phosphotriesterase-related; Homo sapiens phosphotriesterase related (PTER), transcript variant 2, mRNA.	NM_030664	Hs.444321
243864_at	CCDC80	11.80	24.92	0.47	2.11	coiled-coil domain containing 80; synonyms: URB, DRO1, SSG1, okuribin, MGC131805, MGC134851; steroid sensitive gene 1; nuclear envelope protein okuribin; Homo sapiens coiled-coil domain containing 80 (CCDC80), transcript variant 2, mRNA.	AA994712	Hs.477128
227961_at	CTSB	11.39	8.55	1.33	0.75	cathepsin B; synonyms: APPS, CPSB; APP secretase; preprocathepsin B; cathepsin B1; amyloid precursor protein secretase; cysteine protease; Homo sapiens cathepsin B (CTSB), transcript variant 2, mRNA.; Homo sapiens cathepsin B (CTSB), transcript variant 3,	AA130998	Hs.520898
217681_at	LOC647836 /// LOC649279 /// WNT7B	11.35	7.20	1.58	0.63	wingless-type MMTV integration site family, member 7B	BE736994	Hs.512714
221541_at	CRISPLD2	11.30	7.20	1.57	0.64	cysteine-rich secretory protein LCCL domain containing 2	AL136861	Hs.513779
234303_s_at	GPR85	11.06	14.71	0.75	1.33	G protein-coupled receptor 85	AL161959	Hs.152009
235944_at	HMCN1	11.02	21.41	0.51	1.94	hemicentin 1	BF446673	Hs.58877
213113_s_at	SLC43A3	11.00	12.71	0.87	1.16	solute carrier family 43, member 3; synonyms: EEG1, FOAP-13, PRO1659, SEEEG-1, DKFZp762A227; likely ortholog of mouse embryonic epithelial gene 1; Homo sapiens solute carrier family 43, member 3 (SLC43A3), mRNA.	AI630178	Hs.99962
203810_at	DNAJB4	10.84	19.31	0.56	1.78	DnaJ (Hsp40) homolog, subfamily B, member 4	BG252490	Hs.13852
228347_at	SIX1	10.76	22.39	0.48	2.08	sine oculis homeobox homolog 1 (Drosophila)	N79004	Hs.633506
205453_at	HOXB2	10.76	12.14	0.89	1.13	homeobox B2	NM_002145	Hs.514289
229991_s_at	SYTL4	10.74	18.03	0.60	1.68	synaptotagmin-like 4 (granuphilin-a)	AI167292	Hs.592224
1569269_s_at	SRGAP1	10.64	3.31	3.22	0.31	SLIT-ROBO Rho GTPase activating protein 1	BM912471	Hs.450763
235016_at	REEP3	10.61	3.06	3.47	0.29	receptor accessory protein 3	AL118571	Hs.499833

(Table S1) contd....

Probe ID	Gene Symbol	AM3	LM6	AM3/LM6	LM6/AM3	Description	Genbank	UniGene
210663_s_at	KYNU	10.53	5.43	1.94	0.52	kynureninase (L-kynurenine hydrolase); isoform a is encoded by transcript variant 1; l-kynurenine hydrolase; Homo sapiens kynureninase (L-kynurenine hydrolase) (KYNU), transcript variant 1, mRNA.	BC000879	Hs.470126
61734_at	RCN3	10.46	12.45	0.84	1.19	reticulocalbin 3, EF-hand calcium binding domain	AI797684	Hs.567550
213943_at	TWIST1	10.43	7.50	1.39	0.72	twist homolog 1 (acrocephalosyndactyly 3; Saethre-Chotzen syndrome) (Drosophila)	X99268	Hs.66744
206632_s_at	APOBEC3B	10.42	3.68	2.83	0.35	apolipoprotein B mRNA editing enzyme, catalytic polypeptide-like 3B	NM_004900	Hs.226307
227607_at	STAMBPL1	10.37	12.11	0.86	1.17	STAM binding protein-like 1	AI638611	Hs.16229
228343_at	POU2F2	10.36	8.57	1.21	0.83	POU domain, class 2, transcription factor 2	AA805754	Hs.654420
216336_x_at	MT1A /// MT1M /// MT1P2	10.30	15.18	0.68	1.47	metallothionein 1M	AL031602	Hs.655199
208127_s_at	SOCS5	10.27	9.08	1.13	0.88	suppressor of cytokine signaling 5; synonyms: CIS6, CISH6, Cish5, SOCS-5, KIAA0671; cytokine-inducible SH2 protein 6; Homo sapiens suppressor of cytokine signaling 5 (SOCS5), transcript variant 2, mRNA.	NM_014011	Hs.468426
212543_at	AIM1	10.24	6.85	1.49	0.67	absent in melanoma 1	U83115	Hs.696189
212472_at	MICAL2	10.22	15.52	0.66	1.52	microtubule associated monooxygenase, calponin and LIM domain containing 2	BE965029	Hs.501928
223422_s_at	ARHGAP24	10.21	17.16	0.59	1.68	Rho GTPase activating protein 24; synonyms: p73, FILGAP, RCGAP72, FLJ33877, RC-GAP72, p73RhoGAP, DKFZP564B1162; isoform 2 is encoded by transcript variant 2; sarcoma antigen NY-SAR-88; Homo sapiens Rho GTPase activating protein 24 (ARHGAP24), transcript v	AI743534	Hs.444229
217995_at	SQRDL	10.19	9.37	1.09	0.92	sulfide quinone reductase-like (yeast)	NM_021199	Hs.511251
235709_at	GAS2L3	10.12	4.51	2.25	0.45	growth arrest-specific 2 like 3	H37811	Hs.20575
226997_at	ADAMTS12	10.11	12.03	0.84	1.19	CDNA FLJ10196 fis, clone HEMBA1004776	W74476	Hs.12680
228964_at	PRDM1	10.11	8.27	1.22	0.82	PR domain containing 1, with ZNF domain; synonyms: BLIMP1, PRDI-BF1, MGC118922, MGC118923, MGC118924, MGC118925; isoform 2 is encoded by transcript variant 2; positive regulatory domain I-binding factor 1; B-lymphocyte-induced maturation protein 1; PR-dom	AI692659	Hs.436023
214551_s_at	CD7	10.10	3.81	2.65	0.38	CD7 molecule	NM_006137	Hs.36972
225420_at	GPAM	10.02	7.92	1.27	0.79	glycerol-3-phosphate acyltransferase, mitochondrial	AV699379	Hs.42586
205870_at	BDKRB2	9.98	16.01	0.62	1.60	bradykinin receptor B2	NM_000623	Hs.654542
206201_s_at	MEOX2	9.84	5.15	1.91	0.52	mesenchyme homeobox 2	NM_005924	Hs.170355
226474_at	NLRC5	9.83	10.25	0.96	1.04	NLR family, CARD domain containing 5	AA005023	Hs.528836
235081_x_at	TRIM65	9.81	10.45	0.94	1.06	tripartite motif-containing 65	AI739057	Hs.189823
216899_s_at	SKAP2	9.80	6.39	1.53	0.65	src kinase associated phosphoprotein 2	AC003999	Hs.200770

(Table S1) contd....

Probe ID	Gene Symbol	AM3	LM6	AM3/LM6	LM6/AM3	Description	Genbank	UniGene
216598_s_at	CCL2	9.78	22.77	0.43	2.33	chemokine (C-C motif) ligand 2	S69738	Hs.303649
227340_s_at	RGMB	9.74	11.76	0.83	1.21	RGM domain family, member B; synonyms: DRAGON, FLJ90406, MGC86970; isoform 2 precursor is encoded by transcript variant 2; repulsive guidance molecule B; Homo sapiens RGM domain family, member B (RGMB), transcript variant 2, mRNA.	AL117590	Hs.526902
219825_at	CYP26B1	9.72	6.50	1.49	0.67	cytochrome P450, family 26, subfamily B, polypeptide 1	NM_019885	Hs.91546
219973_at	ARSJ	9.69	12.82	0.76	1.32	arylsulfatase family, member J	NM_024590	Hs.22895
205808_at	ASPH	9.65	3.03	3.18	0.31	aspartate beta-hydroxylase; synonyms: BAH, HAAH, JCTN, junctin, CASQ2BP1; isoform e is encoded by transcript variant 5; aspartyl/asparaginyl-beta-hydroxylase; junctate; peptide-aspartate beta-dioxygenase; humbug; Homo sapiens aspartate beta-hydroxylase (A)	NM_004318	Hs.622998
208075_s_at	CCL7	9.55	35.34	0.27	3.70	chemokine (C-C motif) ligand 7	NM_006273	Hs.251526
203595_s_at	IFIT5	9.54	7.86	1.21	0.82	interferon-induced protein with tetratricopeptide repeats 5	N47725	Hs.252839
232458_at	COL3A1	9.49	8.73	1.09	0.92	collagen, type III, alpha 1 (Ehlers-Danlos syndrome type IV, autosomal dominant)	AU146808	Hs.443625
238583_at	MSRB3	9.24	10.36	0.89	1.12	methionine sulfoxide reductase B3; synonyms: FLJ36866, DKFZp686C1178; isoform 1 is encoded by transcript variant 1; Homo sapiens methionine sulfoxide reductase B3 (MSRB3), transcript variant 1, mRNA.	BG023974	Hs.339024
203083_at	THBS2	9.20	12.15	0.76	1.32	thrombospondin 2	NM_003247	Hs.371147
206034_at	SERPINB8	9.20	13.12	0.70	1.43	serpin peptidase inhibitor, clade B (ovalbumin), member 8; synonyms: PI8, CAP2; isoform a is encoded by transcript variant 1; protease inhibitor 8 (ovalbumin type); serine (or cysteine) proteinase inhibitor, clade B (ovalbumin), member 8; cytoplasmic anti	NM_002640	Hs.368077
224002_s_at	FKBP7	9.13	14.42	0.63	1.58	FK506 binding protein 7	AF100751	Hs.410378
228080_at	LAYN	9.10	14.22	0.64	1.56	layilin	BE856341	Hs.503831
202508_s_at	SNAP25	9.09	40.21	0.23	4.42	synaptosomal-associated protein, 25kDa; synonyms: RIC4, SEC9, SNAP, RIC-4, SNAP-25, FLJ23079, bA416N4.2, dJ1068F16.2; isoform SNAP25B is encoded by transcript variant 2; resistance to inhibitors of cholinesterase 4 homolog; Homo sapiens synaptosomal-assoc	NM_003081	Hs.167317
207610_s_at	EMR2	9.07	9.26	0.98	1.02	egf-like module containing, mucin-like, hormone receptor-like 2; synonyms: CD312, DKFZp781B135; isoform b is encoded by transcript variant 2; egf-like module containing, mucin-like, hormone receptor-like sequence 2; Homo sapiens egf-like module containing	NM_013447	Hs.531619
204420_at	FOSL1	9.06	6.19	1.46	0.68	FOS-like antigen 1	BG251266	Hs.283565

(Table S1) contd....

Probe ID	Gene Symbol	AM3	LM6	AM3/LM6	LM6/AM3	Description	Genbank	UniGene
214577_at	MAP1B	8.84	3.81	2.32	0.43	microtubule-associated protein 1B; synonyms: MAP5, FUTSCH, FLJ38954, DKFZp686E1099, DKFZp686F1345; isoform 2 is encoded by transcript variant 2; Homo sapiens microtubule-associated protein 1B (MAP1B), transcript variant 2, mRNA.	BG164365	Hs.584777
202864_s_at	SP100	8.81	9.19	0.96	1.04	SP100 nuclear antigen	NM_003113	Hs.369056
206710_s_at	EPB41L3	8.80	6.40	1.38	0.73	erythrocyte membrane protein band 4.1-like 3	NM_012307	Hs.213394
213906_at	MYBL1	8.78	7.50	1.17	0.85	v-myb myeloblastosis viral oncogene homolog (avian)-like 1	AW592266	Hs.654538
204646_at	DPYD	8.73	9.27	0.94	1.06	dihydropyrimidine dehydrogenase	NM_000110	Hs.335034
213800_at	CFH	8.70	13.02	0.67	1.50	complement factor H; synonyms: FH, HF, HF1, HF2, HUS, FHL1, ARMD4, ARMS1, CFHL3, MGC88246; isoform b precursor is encoded by transcript variant 2; factor H-like 1; beta-1-H-globulin; H factor 2 (complement); H factor 1 (complement); complement factor H, i	X04697	Hs.363396
213425_at	WNT5A	8.70	13.69	0.64	1.57	wingless-type MMTV integration site family, member 5A	AI968085	Hs.696364
227243_s_at	EBF3	8.67	10.37	0.84	1.20	early B-cell factor 3	AL354950	Hs.591374
213290_at	COL6A2	8.64	7.36	1.18	0.85	collagen, type VI, alpha 2; synonyms: PP3610, DKFZp586E1322; isoform 2C2a precursor is encoded by transcript variant 2C2a; collagen VI, alpha-2 polypeptide; human mRNA for collagen VI alpha-2 C-terminal globular domain; Homo sapiens collagen, type VI, alp	AL531750	Hs.420269
1552546_a_at	LETM2	8.60	11.10	0.77	1.29	leucine zipper-EF-hand containing transmembrane protein 2	NM_144652	Hs.696457
204451_at	FZD1	8.59	8.11	1.06	0.94	frizzled homolog 1 (Drosophila)	NM_003505	Hs.94234
210538_s_at	BIRC3	8.54	6.88	1.24	0.81	baculoviral IAP repeat-containing 3; synonyms: AIP1, API2, MIHC, CIAP2, HAIP1, HIAP1, MALT2, RNF49; apoptosis inhibitor 2; TNFR2-TRAF signaling complex protein; mammalian IAP homolog C; inhibitor of apoptosis protein 1; Homo sapiens baculoviral IAP repeat	U37546	Hs.127799
227404_s_at	EGR1	8.54	6.79	1.26	0.80	early growth response 1	AI459194	Hs.326035
227438_at	ALPK1	8.53	6.49	1.31	0.76	alpha-kinase 1	AI760166	Hs.652825
211760_s_at	VAMP4	8.50	7.41	1.15	0.87	vesicle-associated membrane protein 4	BC005974	Hs.6651
221911_at	ETV1	8.49	7.48	1.13	0.88	ets variant gene 1	BE881590	Hs.22634
203788_s_at	SEMA3C	8.48	7.03	1.21	0.83	sema domain, immunoglobulin domain (Ig), short basic domain, secreted, (semaphorin) 3C	AI962897	Hs.269109
223093_at	ANKH	8.48	5.93	1.43	0.70	ankylosis, progressive homolog (mouse)	T99215	Hs.156727
205499_at	SRPX2	8.47	11.08	0.76	1.31	sushi-repeat-containing protein, X-linked 2	NM_014467	Hs.306339
211564_s_at	PDLIM4	8.44	9.24	0.91	1.10	PDZ and LIM domain 4	BC003096	Hs.424312

(Table S1) contd....

Probe ID	Gene Symbol	AM3	LM6	AM3/LM6	LM6/AM3	Description	Genbank	UniGene
212298_at	NRP1	8.43	7.01	1.20	0.83	neuropilin 1; synonyms: NRP, CD304, VEGF165R, DKFZp781F1414, DKFZp686A03134; isoform c is encoded by transcript variant 3; neuropilin-1; transmembrane receptor; Homo sapiens neuropilin 1 (NRP1), transcript variant 3, mRNA.; isoform a is encoded by transcr	BE620457	Hs.131704
205713_s_at	COMP	8.38	10.22	0.82	1.22	cartilage oligomeric matrix protein	NM_000095	Hs.1584
210612_s_at	SYNJ2	8.38	7.31	1.15	0.87	synaptojanin 2	AF318616	Hs.434494
205117_at	FGF1	8.37	13.78	0.61	1.65	fibroblast growth factor 1 (acidic); synonyms: AFGF, ECGF, FGFA, ECGFA, ECGFB, HBGF1, GLIO703, ECGF-beta, FGF-alpha; isoform 2 precursor is encoded by transcript variant 2; endothelial cell growth factor, alpha; endothelial cell growth factor, beta; hepar	X59065	Hs.483635
213488_at	SNED1	8.35	8.31	1.00	1.00	sushi, nidogen and EGF-like domains 1	N73970	Hs.471834
221840_at	PTPRE	8.28	13.12	0.63	1.58	protein tyrosine phosphatase, receptor type, E; synonyms: PTPE, HPTPE, DKFZp313F1310, R-PTP-EPSILON; isoform 2 is encoded by transcript variant 2; protein tyrosine phosphatase, receptor type, epsilon polypeptide; protein tyrosine phosphatase epsilon; Homo	AA775177	Hs.127022
228737_at	TOX2	8.28	10.11	0.82	1.22	TOX high mobility group box family member 2	AA211909	Hs.26608
243141_at	SGMS2	8.23	4.60	1.79	0.56	sphingomyelin synthase 2	D31421	Hs.595423
202431_s_at	MYC	8.19	7.81	1.05	0.95	v-myc myelocytomatosis viral oncogene homolog (avian)	NM_002467	Hs.202453
208944_at	TGFBR2	8.17	12.46	0.66	1.53	transforming growth factor, beta receptor II (70/80kDa); synonyms: AAT3, FAA3, MFS2, RIIC, TAAD2, TGFR-2, TGFbeta-RII; isoform B precursor is encoded by transcript variant 2; transforming growth factor, beta receptor II (70-80kD); TGF-beta type II recepto	D50683	Hs.82028
223434_at	GBP3	8.16	7.13	1.15	0.87	guanylate binding protein 3	AL136680	Hs.656774
219628_at	ZMAT3	8.14	9.98	0.82	1.23	zinc finger, matrin type 3; synonyms: WIG1, WIG-1, PAG608, FLJ12296, MGC10613; isoform 2 is encoded by transcript variant 2; zinc finger protein WIG1; WIG-1/PAG608 protein; p53 target zinc finger protein; Homo sapiens zinc finger, matrin type 3 (ZMAT3), t	NM_022470	Hs.386299
223487_x_at	GNB4	8.12	5.72	1.42	0.70	guanine nucleotide binding protein (G protein), beta polypeptide 4	AW504458	Hs.173030
202270_at	GBP1	8.05	10.79	0.75	1.34	guanylate binding protein 1, interferon-inducible, 67kDa	NM_002053	Hs.62661
1565149_at	DYNC2H1	8.05	4.55	1.77	0.56	dynein, cytoplasmic 2, heavy chain 1	AF288405	Hs.503721
214595_at	KCNG1	8.00	3.80	2.10	0.48	potassium voltage-gated channel, subfamily G, member 1; synonyms: K13, kH2, KCNG, KV6.1, MGC12878; isoform 2 is encoded by transcript variant 2; potassium channel KH2; potassium channel Kv6.1; Homo sapiens potassium voltage-gated channel, subfamily G, mem	AI332979	Hs.118695

(Table S1) contd....

Probe ID	Gene Symbol	AM3	LM6	AM3/LM6	LM6/AM3	Description	Genbank	UniGene
1559840_s_at	TBX18	7.97	6.37	1.25	0.80	T-box 18	BC040697	Hs.251830
225541_at	RPL22L1	7.95	11.06	0.72	1.39	ribosomal protein L22-like 1	BE274422	Hs.380933
235164_at	ZNF25	7.93	9.20	0.86	1.16	zinc finger protein 25	BG433539	Hs.499429
203650_at	PROCR	7.93	6.94	1.14	0.87	protein C receptor, endothelial (EPCR)	NM_006404	Hs.647450
202124_s_at	TRAK2	7.93	6.09	1.30	0.77	trafficking protein, kinesin binding 2	AV705253	Hs.152774
203836_s_at	MAP3K5	7.89	5.70	1.38	0.72	mitogen-activated protein kinase kinase kinase 5	D84476	Hs.186486
225464_at	FRMD6	7.88	12.14	0.65	1.54	FERM domain containing 6	N30138	Hs.434914
228748_at	CD59	7.86	17.35	0.45	2.21	CD59 molecule, complement regulatory protein; synonyms: EJ16, EJ30, EL32, G344, MIN1, MIN2, MIN3, MIC11, MSK21, 16.3A5, p18-20, MGC2354, PROTECTIN; Antigen identified by monoclonal antibody 16.3A5; CD59 antigen p18-20 (antigen identified by monoclonal ant	AI653117	Hs.278573
219263_at	RNF128	7.85	10.92	0.72	1.39	ring finger protein 128; synonyms: GRAIL, FLJ23516; isoform 1 is encoded by transcript variant 1; gene related to anergy in lymphocytes; Homo sapiens ring finger protein 128 (RNF128), transcript variant 1, mRNA.	NM_024539	Hs.496542
214130_s_at	LOC727942 /// PDE4DIP	7.83	8.83	0.89	1.13	phosphodiesterase 4D interacting protein (myomegalin); synonyms: MMGL, CMYA2, MGC75440, DKFZp781J054; isoform 5 is encoded by transcript variant 5; cardiomyopathy associated 2; Homo sapiens phosphodiesterase 4D interacting protein (myomegalin) (PDE4DIP),	AI821791	Hs.647804
217523_at	CD44	7.81	7.71	1.01	0.99	CD44 molecule (Indian blood group); synonyms: IN, LHR, MC56, MDU2, MDU3, MIC4, Pgp1, CDW44, CSPG8, HCELL, MUTCH-I, ECMR-III, MGC10468; isoform 2 precursor is encoded by transcript variant 2; cell surface glycoprotein CD44; antigen gp90 homing receptor; CD	AV700298	Hs.502328
203889_at	SCG5	7.81	4.00	1.95	0.51	secretogranin V (7B2 protein)	NM_003020	Hs.156540
242871_at	PAQR5	7.80	6.37	1.23	0.82	progesterin and adipoQ receptor family member V	AI934557	Hs.591096
205239_at	AREG /// LOC727738	7.79	5.24	1.49	0.67	amphiregulin (schwannoma-derived growth factor)	NM_001657	Hs.645475
221729_at	COL5A2	7.73	10.44	0.74	1.35	collagen, type V, alpha 2	AL575735	Hs.445827
214434_at	HSPA12A	7.73	12.55	0.62	1.62	heat shock 70kDa protein 12A	AB007877	Hs.654682
205407_at	RECK	7.71	8.51	0.91	1.10	reversion-inducing-cysteine-rich protein with kazal motifs	NM_021111	Hs.388918
218976_at	DNAJC12	7.70	15.92	0.48	2.07	DnaJ (Hsp40) homolog, subfamily C, member 12; synonyms: JDP1, RP11-57G10.2; isoform b is encoded by transcript variant 2; J domain containing protein 1; J domain protein 1; J domain containing protein 1 (JDP1); Homo sapiens DnaJ (Hsp40) homolog, subfamily	NM_021800	Hs.260720

(Table S1) contd....

Probe ID	Gene Symbol	AM3	LM6	AM3/LM6	LM6/AM3	Description	Genbank	UniGene
223519_at	ZAK	7.67	4.32	1.77	0.56	sterile alpha motif and leucine zipper containing kinase AZK; synonyms: AZK, MLT, MRK, MLK7, MLTK, mlklak; isoform 2 is encoded by transcript variant 2; leucine zipper- and sterile alpha motif-containing kinase; mixed lineage kinase-related kinase MRK-bet	AW069181	Hs.444451
203324_s_at	CAV2	7.65	9.10	0.84	1.19	caveolin 2; synonyms: CAV, MGC12294; isoform c is encoded by transcript variant 2; caveolae protein, 20-kD; Homo sapiens caveolin 2 (CAV2), transcript variant 2, mRNA.	NM_001233	Hs.212332
225796_at	PXK	7.64	4.41	1.74	0.58	PX domain containing serine/threonine kinase	AI684747	Hs.190544
212859_x_at	MT1E	7.63	10.26	0.74	1.34	metallothionein 1E	BF217861	Hs.534330
212185_x_at	MT2A	7.62	10.37	0.73	1.36	metallothionein 2A	NM_005953	Hs.647371
205479_s_at	PLAU	7.56	5.74	1.32	0.76	plasminogen activator, urokinase	NM_002658	Hs.77274
205403_at	IL1R2	7.55	7.02	1.08	0.93	interleukin 1 receptor, type II; synonyms: IL1RB, CD121b, MGC47725; type II interleukin-1 receptor, beta; antigen CDw121b; Homo sapiens interleukin 1 receptor, type II (IL1R2), transcript variant 2, mRNA.	NM_004633	Hs.25333
211864_s_at	FER1L3	7.54	8.65	0.87	1.15	fer-1-like 3, myoferlin (<i>C. elegans</i>); synonyms: MYOF, FLJ36571, FLJ90777; isoform b is encoded by transcript variant 2; Homo sapiens fer-1-like 3, myoferlin (<i>C. elegans</i>) (FER1L3), transcript variant 2, mRNA.	AF207990	Hs.655278
206027_at	S100A3	7.54	5.59	1.35	0.74	S100 calcium binding protein A3	NM_002960	Hs.557609
202728_s_at	LTBP1	7.54	3.26	2.31	0.43	latent transforming growth factor beta binding protein 1; synonym: MGC163161; isoform LTBP-1L is encoded by transcript variant 1; TGF-beta1-BP-1; Homo sapiens latent transforming growth factor beta binding protein 1 (LTBP1), transcript variant 1, mRNA.	AI986120	Hs.654497
234299_s_at	NIN	7.50	5.27	1.42	0.70	ninein (GSK3B interacting protein); synonym: KIAA1565; isoform 2 is encoded by transcript variant 2; GSK3B-interacting protein; ninein centrosomal protein; glycogen synthase kinase 3 beta-interacting protein; ninein isotype 2; Homo sapiens ninein (GSK3B i	AK027054	Hs.310429
237097_at	SPTBN5	7.46	15.57	0.48	2.09	spectrin, beta, non-erythrocytic 5	AW341247	Hs.599221
214110_s_at	LOC654342	7.45	7.05	1.06	0.95	Similar to lymphocyte-specific protein 1	BF195104	Hs.656760
1568604_a_at	CADPS	7.45	13.21	0.56	1.77	Ca ²⁺ -dependent secretion activator; synonyms: CAPS, CAPS1, KIAA1121; isoform 3 is encoded by transcript variant 3; Ca ²⁺ -dependent activator protein for secretion; Ca ²⁺ -regulated cytoskeletal protein; Homo sapiens Ca ²⁺ -dependent secretion activator (CADPS)	AI912173	Hs.654933
204508_s_at	CA12	7.44	7.80	0.95	1.05	carbonic anhydrase XII; synonyms: CAXII, FLJ20151, HsT18816; isoform 2 precursor is encoded by transcript variant 2; carbonic dehydratase; Homo sapiens carbonic anhydrase XII (CA12), transcript variant 2, mRNA.	BC001012	Hs.210995

(Table S1) contd....

Probe ID	Gene Symbol	AM3	LM6	AM3/LM6	LM6/AM3	Description	Genbank	UniGene
208960_s_at	KLF6	7.42	4.72	1.57	0.64	Kruppel-like factor 6	BE675435	Hs.4055
211366_x_at	CASP1	7.39	5.13	1.44	0.69	caspase 1, apoptosis-related cysteine peptidase (interleukin 1, beta, convertase); synonyms: ICE, P45, IL1BC; isoform alpha precursor is encoded by transcript variant alpha; caspase 1, apoptosis-related cysteine protease (interleukin 1, beta, convertase);	U13698	Hs.2490
237411_at	ADAMTS6	7.38	7.50	0.98	1.02	ADAM metalloproteinase with thrombospondin type 1 motif, 6	N71063	Hs.482291
203058_s_at	PAPSS2	7.34	12.40	0.59	1.69	3'-phosphoadenosine 5'-phosphosulfate synthase 2; synonyms: SK2, ATPSK2; isoform a is encoded by transcript variant 1; 3-prime-phosphoadenosine 5-prime-phosphosulfate synthase 2; ATP sulfurylase/adenosine 5'-phosphosulfate kinase; ATP sulfurylase/APS kina	AW299958	Hs.524491
205067_at	IL1B	7.31	5.62	1.30	0.77	interleukin 1, beta	NM_000576	Hs.126256
202948_at	IL1R1	7.28	7.03	1.04	0.97	interleukin 1 receptor, type 1	NM_000877	Hs.557403
203320_at	SH2B3	7.25	8.86	0.82	1.22	SH2B adaptor protein 3	NM_005475	Hs.506784
228720_at	SORCS2	7.24	4.25	1.70	0.59	sortilin-related VPS10 domain containing receptor 2	AB037750	Hs.479099
221601_s_at	FAIM3	7.23	6.93	1.04	0.96	Fas apoptotic inhibitory molecule 3	AI084226	Hs.58831
204580_at	MMP12	7.18	6.84	1.05	0.95	matrix metalloproteinase 12 (macrophage elastase)	NM_002426	Hs.1695
1553034_at	SDCCAG8	7.16	8.12	0.88	1.13	serologically defined colon cancer antigen 8	NM_006642	Hs.591530
203065_s_at	CAV1	7.12	8.48	0.84	1.19	caveolin 1, caveolae protein, 22kDa	NM_001753	Hs.74034
204424_s_at	LMO3	7.12	3.20	2.23	0.45	LIM domain only 3 (rhombotin-like 2); synonyms: DAT1, RBTN3, RHOM3, RBTN2, Rhom-3, MGC26081; neuronal specific transcription factor DAT1; Homo sapiens LIM domain only 3 (rhombotin-like 2) (LMO3), transcript variant 1, mRNA.	AL050152	Hs.504908
202609_at	EPS8	7.08	6.01	1.18	0.85	epidermal growth factor receptor pathway substrate 8	NM_004447	Hs.591160
206552_s_at	TAC1	7.05	13.52	0.52	1.92	tachykinin, precursor 1 (substance K, substance P, neurokinin 1, neurokinin 2, neuromedin L, neurokinin alpha, neuropeptide K, neuropeptide gamma); synonyms: NK2, NKNA, TAC2, Hs.2563; isoform alpha precursor is encoded by transcript variant alpha; tachyki	NM_003182	Hs.2563
219148_at	PBK	7.04	5.78	1.22	0.82	PDZ binding kinase	NM_018492	Hs.104741
239431_at	TICAM2	7.00	8.92	0.78	1.27	toll-like receptor adaptor molecule 2	AI400110	Hs.696163
225544_at	TBX3	6.99	11.42	0.61	1.63	T-box 3 (ulnar mammary syndrome); synonyms: UMS, XHL, TBX3-ISO; isoform 2 is encoded by transcript variant 2; bladder cancer related protein XHL; T-box transcription factor TBX3; T-box 3 protein; Homo sapiens T-box 3 (ulnar mammary syndrome) (TBX3), trans	AI806338	Hs.129895
218451_at	CDCP1	6.92	3.15	2.19	0.46	CUB domain containing protein 1; synonyms: CD318, TRASK, SIMA135; isoform 2 is encoded by transcript variant 2; CUB domain-containing protein 1; transmembrane and associated with src kinases; Homo sapiens CUB domain containing protein 1 (CDCP1), transcrip	NM_022842	Hs.476093

(Table S1) contd....

Probe ID	Gene Symbol	AM3	LM6	AM3/LM6	LM6/AM3	Description	Genbank	UniGene
230002_at	CLCC1	6.90	3.89	1.78	0.56	chloride channel CLIC-like 1	AA406603	Hs.658489
223243_s_at	EDEM3	6.84	7.60	0.90	1.11	ER degradation enhancer, mannosidase alpha-like 3	BF439488	Hs.523811
229163_at	CAMK2N1	6.84	14.76	0.46	2.16	calcium/calmodulin-dependent protein kinase II inhibitor 1	N75559	Hs.197922
229638_at	IRX3	6.78	6.46	1.05	0.95	iroquois homeobox protein 3	AI681917	Hs.499205
205083_at	AOX1	6.77	12.86	0.53	1.90	aldehyde oxidase 1	NM_001159	Hs.406238
206448_at	ZNF365	6.76	9.59	0.70	1.42	zinc finger protein 365; synonyms: UAN, Su48, ZNF365D, KIAA0844, MGC41821, MGC87345; isoform B is encoded by transcript variant B; talanin; Homo sapiens zinc finger protein 365 (ZNF365), transcript variant B, mRNA.; isoform C is encoded by transcript vari	NM_014951	Hs.22653
218542_at	CEP55	6.76	5.24	1.29	0.78	centrosomal protein 55kDa	NM_018131	Hs.14559
213125_at	OLFML2B	6.73	5.14	1.31	0.76	olfactomedin-like 2B	AW007573	Hs.507515
221922_at	GPSM2	6.72	3.75	1.79	0.56	G-protein signalling modulator 2 (AGS3-like, C. elegans)	AW195581	Hs.584901
229352_at	SPESP1	6.71	21.83	0.31	3.25	sperm equatorial segment protein 1	AA885360	---
238452_at	FCRLB	6.69	5.22	1.28	0.78	Fc receptor-like B	AI393356	Hs.517422
212392_s_at	LOC652526	6.68	4.19	1.59	0.63	phosphodiesterase 4D interacting protein (myomegalin); synonyms: MMGL, CMYA2, MGC75440, DKFZp781J054; isoform 5 is encoded by transcript variant 5; cardiomyopathy associated 2; Homo sapiens phosphodiesterase 4D interacting protein (myomegalin) (PDE4DIP),	AI950145	Hs.624446
232278_s_at	DEPDC1	6.68	3.71	1.80	0.55	DEP domain containing 1	AJ278112	Hs.445098
M97935_at	STAT1	6.68	5.09	1.31	0.76	signal transducer and activator of transcription 1, 91kDa; synonyms: ISGF-3, STAT91, DKFZp686B04100; isoform beta is encoded by transcript variant beta; signal transducer and activator of transcription-1; transcription factor ISGF-3; transcription factor	M97935_MA	Hs.642990
235289_at	EIF5A2	6.66	15.18	0.44	2.28	eukaryotic translation initiation factor 5A2	AV747725	Hs.164144
203180_at	ALDH1A3	6.66	4.72	1.41	0.71	aldehyde dehydrogenase 1 family, member A3	NM_000693	Hs.459538
204682_at	LTBP2	6.66	11.57	0.58	1.74	latent transforming growth factor beta binding protein 2	NM_000428	Hs.512776
209890_at	TSPAN5	6.65	5.42	1.23	0.82	tetraspanin 5	AF065389	Hs.591706
205366_s_at	HOXB6	6.64	16.41	0.40	2.47	homeobox B6	NM_018952	Hs.98428
224911_s_at	DCBLD2	6.63	12.45	0.53	1.88	discoidin, CUB and LCCL domain containing 2	AA722799	Hs.203691
206858_s_at	HOXC6	6.62	8.38	0.79	1.27	homeobox C6; synonyms: CP25, HOX3, HOX3C, HHO.C8; isoform 2 is encoded by transcript variant 2; homeobox protein Hox-C6; homeo box C8 protein; homeo box 3C; homeo box C6; Homo sapiens homeobox C6 (HOXC6), transcript variant 2, mRNA.	NM_004503	Hs.549040
204595_s_at	STC1	6.62	6.72	0.98	1.02	stanniocalcin 1	AI300520	Hs.25590

(Table S1) contd....

Probe ID	Gene Symbol	AM3	LM6	AM3/LM6	LM6/AM3	Description	Genbank	UniGene
219522_at	FJX1	6.62	10.75	0.62	1.62	four jointed box 1 (Drosophila)	NM_014344	Hs.39384
1556228_a_at	VCPIP1	6.61	9.93	0.67	1.50	valosin containing protein (p97)/p47 complex interacting protein 1	AF088033	Hs.632066
218211_s_at	MLPH	6.60	10.70	0.62	1.62	melanophilin	NM_024101	Hs.102406
225955_at	LOC653506	6.58	3.71	1.77	0.56	meteorin, glial cell differentiation regulator-like	BG231494	Hs.591142
205756_s_at	F8	6.57	8.55	0.77	1.30	coagulation factor VIII, procoagulant component (hemophilia A); synonyms: AHF, F8B, F8C, HEMA, FVIII, DXS1253E, F8 protein; isoform b precursor is encoded by transcript variant 2; coagulation factor VIIIc; factor VIII F8B; Homo sapiens coagulation factor	NM_000132	Hs.654450
228617_at	XAF1	6.55	3.80	1.73	0.58	XIAP associated factor-1; synonyms: BIRC4BP, HSXIAPAF1; isoform 2 is encoded by transcript variant 2; BIRC4 binding protein; Homo sapiens XIAP associated factor-1 (XAF1), transcript variant 2, mRNA.	AA142842	Hs.441975
52255_s_at	COL5A3	6.55	8.26	0.79	1.26	collagen, type V, alpha 3	AI984221	Hs.235368
201984_s_at	EGFR	6.54	5.21	1.26	0.80	epidermal growth factor receptor (erythroblastic leukemia viral (v-erb-b) oncogene homolog, avian); synonyms: ERBB, mENA, ERBB1; isoform b is encoded by transcript variant 2; avian erythroblastic leukemia viral (v-erb-b) oncogene homolog; truncated epider	NM_005228	Hs.488293
222844_s_at	SRR	6.50	5.91	1.10	0.91	serine racemase	AF169974	Hs.461954
228619_x_at	TIPRL	6.48	9.99	0.65	1.54	TIP41, TOR signalling pathway regulator-like (S. cerevisiae); synonyms: MGC3794, dJ69E11.3, RP1-69E11.1; isoform 1 is encoded by transcript variant 1; yeast YPR037W and worm C02C2.6 predicted proteins-like; CG9578-like; putative MAPK activating protein; H	AI694231	Hs.209431
227414_at	RHBDD1	6.47	5.67	1.14	0.88	rhomboid domain containing 1	AI889373	Hs.471514
208370_s_at	RCAN1	6.47	3.66	1.77	0.57	Down syndrome critical region gene 1; synonyms: CSP1, DSC1, RCN1, MCIP1, ADAPT78; isoform b is encoded by transcript variant 2; regulator of calcineurin 1; Down syndrome candidate region 1; myocyte-enriched calcineurin-interacting protein 1; modulatory ca	NM_004414	Hs.282326
203258_at	DRAP1	6.46	8.37	0.77	1.29	DR1-associated protein 1 (negative cofactor 2 alpha)	NM_006442	Hs.356742
207264_at	KDEL3	6.46	12.14	0.53	1.88	KDEL (Lys-Asp-Glu-Leu) endoplasmic reticulum protein retention receptor 3; synonym: ERD2L3; isoform b is encoded by transcript variant 2; Homo sapiens KDEL (Lys-Asp-Glu-Leu) endoplasmic reticulum protein retention receptor 3 (KDEL3), transcript variant 2	NM_016657	Hs.693805
1554867_a_at	PRR16	6.45	6.45	1.00	1.00	proline rich 16	BC038838	Hs.157461
205296_at	RBL1	6.44	5.22	1.23	0.81	retinoblastoma-like 1 (p107); synonyms: PRB1, p107, CP107, MGC40006; isoform b is encoded by transcript variant 2; cellular protein 107; 107 kDa retinoblastoma-associated protein; Homo sapiens retinoblastoma-like 1 (p107) (RBL1), transcript variant 2, mRNA	AL365505	---

(Table S1) contd....

Probe ID	Gene Symbol	AM3	LM6	AM3/LM6	LM6/AM3	Description	Genbank	UniGene
206127_at	ELK3	6.44	4.25	1.52	0.66	ELK3, ETS-domain protein (SRF accessory protein 2)	NM_005230	Hs.591015
204719_at	ABCA8	6.44	5.53	1.16	0.86	ATP-binding cassette, sub-family A (ABC1), member 8	NM_007168	Hs.58351
227250_at	KREMEN1	6.42	4.71	1.36	0.73	kringle containing transmembrane protein 1	BF221745	Hs.229335
221892_at	H6PD	6.41	5.71	1.12	0.89	hexose-6-phosphate dehydrogenase (glucose 1-dehydrogenase)	AK024548	Hs.463511
202663_at	WIPF1	6.39	4.50	1.42	0.70	WAS/WASL interacting protein family, member 1	AI005043	Hs.654521
227705_at	TCEAL7	6.37	7.64	0.83	1.20	transcription elongation factor A (SII)-like 7	BF591534	Hs.21861
204254_s_at	VDR	6.37	12.52	0.51	1.97	vitamin D (1,25-dihydroxyvitamin D3) receptor; synonym: NR1I1; Homo sapiens vitamin D (1,25-dihydroxyvitamin D3) receptor (VDR), transcript variant 2, mRNA.	NM_000376	Hs.524368
202994_s_at	FBLN1	6.36	6.63	0.96	1.04	fibulin 1; synonym: FBLN; isoform B precursor is encoded by transcript variant B; Homo sapiens fibulin 1 (FBLN1), transcript variant B, mRNA.; isoform D is encoded by transcript variant D; Homo sapiens fibulin 1 (FBLN1), transcript variant D, mRNA.; isofo	Z95331	Hs.24601
238127_at	FLJ41484	6.35	5.57	1.14	0.88	growth arrest-specific 6	AI479082	Hs.369201
208161_s_at	ABCC3	6.35	4.92	1.29	0.78	ATP-binding cassette, sub-family C (CFTR/MRP), member 3	NM_020037	Hs.463421
228082_at	ASAM	6.34	5.39	1.18	0.85	adipocyte-specific adhesion molecule	BF056275	Hs.591949
217967_s_at	FAM129A	6.34	3.61	1.75	0.57	family with sequence similarity 129, member A; synonyms: NIBAN, C1orf24, FLJ38228; isoform 2 is encoded by transcript variant 2; cell growth inhibiting protein 39; Homo sapiens family with sequence similarity 129, member A (FAM129A), transcript variant 2,	AF288391	Hs.518662
220295_x_at	DEPDC1	6.32	3.22	1.96	0.51	DEP domain containing 1	NM_017779	Hs.641921
201012_at	ANXA1	6.31	6.48	0.97	1.03	annexin A1	NM_000700	Hs.494173
226899_at	UNC5B	6.30	3.11	2.02	0.49	unc-5 homolog B (C. elegans)	AK022859	Hs.585457
225562_at	RASA3	6.29	6.60	0.95	1.05	RAS p21 protein activator 3	AI684746	Hs.655219
225975_at	PCDH18	6.29	5.02	1.25	0.80	protocadherin 18	AW189885	Hs.591691
226342_at	SPTBN1	6.29	4.52	1.39	0.72	spectrin, beta, non-erythrocytic 1; synonyms: ELF, SPTB2, betaSpII; isoform 2 is encoded by transcript variant 2; beta-fodrin; beta-spectrin, general form; beta-G spectrin; beta-spectrin 2; beta-spectrin II; embryonic liver beta-fodrin; Homo sapiens spect	AW593244	Hs.503178
227022_at	GNPDA2	6.28	9.44	0.67	1.50	glucosamine-6-phosphate deaminase 2	AI817388	Hs.21398
232355_at	SNORD114-3	6.26	10.38	0.60	1.66	CDNA FLJ10247 fis, clone HEMBB1000705	AU146318	---
229438_at	FAM20C	6.25	15.28	0.41	2.44	family with sequence similarity 20, member C	AK026140	Hs.632006
207387_s_at	GK	6.22	5.83	1.07	0.94	glycerol kinase; synonyms: GK1, GKD; isoform a is encoded by transcript variant 1; Homo sapiens glycerol kinase (GK), transcript variant 1, mRNA.	NM_000167	Hs.1466

(Table S1) contd....

Probe ID	Gene Symbol	AM3	LM6	AM3/LM6	LM6/AM3	Description	Genbank	UniGene
227905_s_at	AZI2	6.21	4.01	1.55	0.65	5-azacytidine induced 2	BF000175	Hs.696046
204745_x_at	MT1G	6.21	10.56	0.59	1.70	metallothionein 1G	NM_005950	Hs.433391
225188_at	RAPH1	6.21	6.94	0.90	1.12	Ras association (RalGDS/AF-6) and pleckstrin homology domains 1; synonyms: LPD, RMO1, PREL2, ALS2CR9, ALS2CR18, KIAA1681, RalGDS/AF-6; isoform 3 is encoded by transcript variant 3; proline rich EVH1 ligand 2; amyotrophic lateral sclerosis 2 (juvenile) chr	AA194149	Hs.471162
227628_at	LOC493869	6.21	6.40	0.97	1.03	similar to RIKEN cDNA 2310016C16	AL571557	Hs.289044
1554474_a_at	MOXD1	6.20	9.42	0.66	1.52	monooxygenase, DBH-like 1; Monooxygenase, DBH-like 1	BC018756	Hs.6909
225185_at	MRAS	6.20	13.14	0.47	2.12	muscle RAS oncogene homolog	BF343625	Hs.527021
203886_s_at	FBLN2	6.20	6.45	0.96	1.04	fibulin 2; precursor, isoform b is encoded by transcript variant 2; Homo sapiens fibulin 2 (FBLN2), transcript variant 2, mRNA.	NM_001998	Hs.198862
1554830_a_at	STEAP3	6.18	5.10	1.21	0.83	STEAP family member 3; synonyms: STMP3, TSAP6, dudlin-2; isoform b is encoded by transcript variant 2; 1010001D01Rik; dudulin 2; tumor suppressor pHyde; six transmembrane prostate protein 3; dudlin 2; Homo sapiens STEAP family member 3 (STEAP3), transcrip	AF262322	Hs.647822
222453_at	CYBRD1	6.18	6.52	0.95	1.06	cytochrome b reductase 1	AL136693	Hs.221941
239201_at	ALS2CR7	6.17	8.02	0.77	1.30	amyotrophic lateral sclerosis 2 (juvenile) chromosome region, candidate 7	AI028242	Hs.348711
213640_s_at	LOX	6.15	7.95	0.77	1.29	lysyl oxidase	BE503425	Hs.102267
202402_s_at	CARS	6.15	4.08	1.51	0.66	cysteinyl-tRNA synthetase; synonyms: CARS1, CYSRS, MGC:11246; isoform d is encoded by transcript variant 4; cysteine transase; cysteine-tRNA ligase; cysteine tRNA ligase 1, cytoplasmic; Homo sapiens cysteinyl-tRNA synthetase (CARS), transcript variant 4,	NM_001751	Hs.274873
230730_at	SGCD	6.15	8.77	0.70	1.43	sarcoglycan, delta (35kDa dystrophin-associated glycoprotein); synonyms: SGD, DAGD, 35DAG, CMD1L, SGCDP, MGC22567, SG-delta; isoform 2 is encoded by transcript variant 2; sarcoglycan, delta (35kD dystrophin-associated glycoprotein); placental delta sarcog	AA401248	Hs.591727
213823_at	HOXA11	6.12	10.54	0.58	1.72	homeobox A11	H94842	Hs.249171
205782_at	FGF7	6.12	3.20	1.92	0.52	fibroblast growth factor 7 (keratinocyte growth factor)	NM_002009	Hs.567268
201438_at	COL6A3	6.11	6.93	0.88	1.14	collagen, type VI, alpha 3; synonyms: FLJ34702, DKFZp686D23123, DKFZp686K04147; isoform 2 precursor is encoded by transcript variant 2; collagen VI, alpha-3 polypeptide; Homo sapiens collagen, type VI, alpha 3 (COL6A3), transcript variant 2, mRNA.; isofo	NM_004369	Hs.233240
203741_s_at	ADCY7	6.08	9.23	0.66	1.52	adenylate cyclase 7	NM_001114	Hs.513578

(Table S1) contd....

Probe ID	Gene Symbol	AM3	LM6	AM3/LM6	LM6/AM3	Description	Genbank	UniGene
202887_s_at	DDIT4	6.07	3.33	1.82	0.55	DNA-damage-inducible transcript 4	NM_019058	Hs.523012
205730_s_at	ABLIM3	6.05	16.99	0.36	2.81	actin binding LIM protein family, member 3	NM_014945	Hs.49688
226632_at	CYGB	6.04	20.99	0.29	3.48	cytoglobin	AL513673	Hs.95120
1553678_a_at	ITGB1	6.04	4.98	1.21	0.82	integrin, beta 1 (fibronectin receptor, beta polypeptide, antigen CD29 includes MDF2, MSK12); synonyms: CD29, FNRB, MDF2, VLAB, GPIIA, MSK12; isoform 1B precursor is encoded by transcript variant 1B; integrin VLA-4 beta subunit; fibronectin receptor beta	NM_133376	Hs.695946
212338_at	MYO1D	6.03	6.64	0.91	1.10	myosin ID	AA621962	Hs.658000
1555326_a_at	ADAM9	6.01	4.72	1.27	0.78	ADAM metalloproteinase domain 9 (meltrin gamma); synonyms: MCMP, MDC9, Mltng, KIAA0021; isoform 1 precursor is encoded by transcript variant 1; a disintegrin and metalloproteinase domain 9 (meltrin gamma); myeloma cell metalloproteinase; cellular disintegr	AF495383	Hs.591852
224917_at	MIRN21	5.98	5.59	1.07	0.93	microRNA 21	BF674052	---
209846_s_at	BTN3A2	5.98	4.69	1.27	0.78	butyrophilin, subfamily 3, member A2	BC002832	Hs.376046
224341_x_at	TLR4	5.96	9.16	0.65	1.54	toll-like receptor 4	U93091	Hs.174312
227295_at	IKIP	5.94	9.69	0.61	1.63	IKK interacting protein; synonym: FLJ31051; isoform 2 is encoded by transcript variant 2; I kappa B kinase interacting protein; Homo sapiens IKK interacting protein (IKIP), transcript variant 2, mRNA.; isoform 3.1 is encoded by transcript variant 3.1; Hom	AW182575	Hs.252543
221061_at	PKD2L1	5.91	4.38	1.35	0.74	polycystic kidney disease 2-like 1	NM_016112	Hs.159241
217590_s_at	TRPA1	5.91	31.24	0.19	5.29	transient receptor potential cation channel, subfamily A, member 1	AA502609	Hs.667156
206765_at	KCNJ2	5.87	3.07	1.92	0.52	potassium inwardly-rectifying channel, subfamily J, member 2	AF153820	Hs.1547
207191_s_at	ISLR	5.87	4.84	1.21	0.83	immunoglobulin superfamily containing leucine-rich repeat; Immunoglobulin superfamily containing leucine-rich repeat	NM_005545	Hs.664723
225079_at	EMP2	5.85	4.57	1.28	0.78	epithelial membrane protein 2	AI089325	Hs.531561
230165_at	SGOL2	5.84	4.52	1.29	0.77	shugoshin-like 2 (S. pombe)	N31731	Hs.655182
227803_at	ENPP5	5.79	10.41	0.56	1.80	ectonucleotide pyrophosphatase/phosphodiesterase 5 (putative function)	AA609053	Hs.35198
227828_s_at	TMEM166	5.79	10.11	0.57	1.75	transmembrane protein 166	AV700753	Hs.302346
221039_s_at	DDEF1	5.79	5.89	0.98	1.02	development and differentiation enhancing factor 1	NM_018482	Hs.655552
221019_s_at	COLEC12	5.78	4.10	1.41	0.71	collectin sub-family member 12	NM_030781	Hs.464422
226794_at	STXBP5	5.77	9.57	0.60	1.66	syntaxin binding protein 5 (tomosyn)	AI825998	Hs.93534
213716_s_at	SECTM1	5.77	3.16	1.82	0.55	secreted and transmembrane 1	BF939675	Hs.558009

(Table S1) contd....

Probe ID	Gene Symbol	AM3	LM6	AM3/LM6	LM6/AM3	Description	Genbank	UniGene
220975_s_at	C1QTNF1	5.76	7.84	0.73	1.36	C1q and tumor necrosis factor related protein 1; synonyms: GIP, CTRP1, ZSIG37, FLJ90694; isoform 1 is encoded by transcript variant 2; G protein coupled receptor interacting protein; Homo sapiens C1q and tumor necrosis factor related protein 1 (C1QTNF1),	NM_030968	Hs.201398
203131_at	PDGFRA	5.76	5.12	1.13	0.89	platelet-derived growth factor receptor, alpha polypeptide	NM_006206	Hs.74615
224822_at	DLC1	5.75	7.37	0.78	1.28	deleted in liver cancer 1; synonyms: HP, ARHGAP7, STARD12, FLJ21120, p122-RhoGAP; isoform 3 is encoded by transcript variant 3; Rho-GTPase-activating protein 7; START domain containing protein 12; StAR-related lipid transfer protein 12; deleted in liver c	AA524250	Hs.134296
212948_at	CAMTA2	5.74	3.89	1.48	0.68	calmodulin binding transcription activator 2	AB020716	Hs.632242
209827_s_at	IL16	5.73	5.00	1.14	0.87	interleukin 16 (lymphocyte chemoattractant factor); synonyms: LCF, IL-16, prIL-16, FLJ16806, FLJ42735, FLJ44234, HsT19289; isoform 2 is encoded by transcript variant 2; Homo sapiens interleukin 16 (lymphocyte chemoattractant factor) (IL16), transcript var	NM_004513	Hs.459095
228904_at	HOXB3	5.71	10.33	0.55	1.81	homeobox B3	AW510657	Hs.654560
204955_at	SRPX	5.69	8.68	0.66	1.53	sushi-repeat-containing protein, X-linked	NM_006307	Hs.15154
235692_at	SH3KBP1	5.68	10.92	0.52	1.92	mitogen-activated protein kinase kinase kinase 15	AW024527	Hs.444770
213189_at	MINA	5.68	7.77	0.73	1.37	MYC induced nuclear antigen; synonyms: MDIG, NO52, MINA53, FLJ14393, DKFZp762O1912; isoform a is encoded by transcript variant 2; myc-induced nuclear antigen, 53 kDa; mineral dust induced gene protein; Homo sapiens MYC induced nuclear antigen (MINA), tran	BE966695	Hs.696280
203438_at	STC2	5.68	4.78	1.19	0.84	stanniocalcin 2	AI435828	Hs.233160
219985_at	HS3ST3A1	5.61	5.37	1.05	0.96	heparan sulfate (glucosamine) 3-O-sulfotransferase 3A1	NM_006042	Hs.462270
210086_at	HR	5.61	9.02	0.62	1.61	hairless homolog (mouse); synonyms: AU, ALUNC, HSA277165; isoform b is encoded by transcript variant 2; Homo sapiens hairless homolog (mouse) (HR), transcript variant 2, mRNA.	AF039196	Hs.272367
203799_at	CD302	5.60	6.36	0.88	1.14	CD302 molecule	NM_014880	Hs.695955
200952_s_at	CCND2	5.60	3.92	1.43	0.70	cyclin D2	AI635187	Hs.376071
205681_at	BCL2A1	5.60	5.05	1.11	0.90	BCL2-related protein A1	NM_004049	Hs.227817
1558280_s_at	ARHGAP29	5.58	8.35	0.67	1.50	Rho GTPase activating protein 29	AK092668	Hs.483238
210876_at	ANXA2P1	5.57	6.17	0.90	1.11	annexin A2 pseudogene 1	M62896	Hs.546235
213150_at	HOXA10	5.56	7.98	0.70	1.43	homeobox A10; synonyms: PL, HOX1, HOX1H, HOX1.8, MGC12859; isoform b is encoded by transcript variant 2; homeobox protein HOXA10; homeobox protein 1H; homeo box A10; Homo sapiens homeobox A10 (HOXA10), transcript variant 2, mRNA.	BF792917	Hs.592166

(Table S1) contd....

Probe ID	Gene Symbol	AM3	LM6	AM3/LM6	LM6/AM3	Description	Genbank	UniGene
212665_at	TIPARP	5.56	6.70	0.83	1.21	TCDD-inducible poly(ADP-ribose) polymerase	AL556438	Hs.12813
240715_at	TBX5	5.56	5.32	1.05	0.96	T-box 5; synonym: HOS; isoform 3 is encoded by transcript variant 3; T-box transcription factor TBX5; Homo sapiens T-box 5 (TBX5), transcript variant 3, mRNA.; isoform 2 is encoded by transcript variant 2; Homo sapiens T-box 5 (TBX5), transcript variant 2	AW269421	Hs.381715
220334_at	RGS17	5.55	6.33	0.88	1.14	regulator of G-protein signalling 17	NM_012419	Hs.166313
202142_at	COPS8	5.55	6.12	0.91	1.10	COP9 constitutive photomorphogenic homolog subunit 8 (Arabidopsis); synonyms: COP9, CSN8, SGN8, MGC1297, MGC43256; isoform 2 is encoded by transcript variant 2; Homo sapiens COP9 constitutive photomorphogenic homolog subunit 8 (Arabidopsis) (COPS8), trans	BC003090	Hs.531713
212021_s_at	MKI67	5.52	3.98	1.39	0.72	antigen identified by monoclonal antibody Ki-67	AU132185	Hs.80976
228497_at	SLC22A15	5.50	4.40	1.25	0.80	solute carrier family 22 (organic cation transporter), member 15	AI279062	Hs.125482
205153_s_at	CD40	5.49	3.19	1.72	0.58	CD40 molecule, TNF receptor superfamily member 5; synonyms: p50, Bp50, CDW40, MGC9013, TNFRSF5; isoform 2 precursor is encoded by transcript variant 2; tumor necrosis factor receptor superfamily, member 5; CD40L receptor; CD40 type II isoform; nerve growth	NM_001250	Hs.472860
211363_s_at	MTAP	5.49	4.51	1.22	0.82	methylthioadenosine phosphorylase	AF109294	Hs.193268
201866_s_at	NR3C1	5.48	6.19	0.89	1.13	nuclear receptor subfamily 3, group C, member 1 (glucocorticoid receptor); synonyms: GR, GCR, GRL, GCCR; isoform alpha is encoded by transcript variant 2; Homo sapiens nuclear receptor subfamily 3, group C, member 1 (glucocorticoid receptor) (NR3C1), tran	NM_000176	Hs.122926
227070_at	GLT8D2	5.47	9.36	0.58	1.71	glycosyltransferase 8 domain containing 2	W63754	Hs.631650
223078_s_at	TMOD3	5.45	5.23	1.04	0.96	tropomodulin 3 (ubiquitous)	AF177171	Hs.696423
209012_at	TRIO	5.43	10.19	0.53	1.88	triple functional domain (PTPRF interacting)	AV718192	Hs.130031
201506_at	TGFBI	5.42	7.47	0.73	1.38	transforming growth factor, beta-induced, 68kDa	NM_000358	Hs.369397
224975_at	NFIA	5.42	4.55	1.19	0.84	nuclear factor I/A	AB037860	Hs.191911
222608_s_at	ANLN	5.41	4.24	1.28	0.78	anillin, actin binding protein	AK023208	Hs.62180
229402_at	SAMD13	5.40	7.31	0.74	1.35	sterile alpha motif domain containing 13	AI631824	Hs.591445
211685_s_at	NCALD	5.40	4.24	1.27	0.78	neurocalcin delta	AF251061	Hs.492427
223274_at	TCF19	5.39	4.88	1.11	0.90	transcription factor 19 (SC1)	BC002493	Hs.584807
204932_at	TNFRSF11B	5.38	6.26	0.86	1.16	tumor necrosis factor receptor superfamily, member 11b (osteoprotegerin)	BF433902	Hs.81791
1554600_s_at	LMNA	5.37	4.36	1.23	0.81	lamin A/C; synonyms: FPL, IDC, LFP, CDDC, EMD2, FPLD, HGPS, LDPI, LMN1, LMNC, PRO1, CDCD1, CMD1A, CMT2B1, LGMD1B; isoform 1 precursor is encoded by transcript variant 1; 70 kDa lamin; progeria 1 (Hutchinson-Gilford type); cardiomyopathy, dilated 1A (autos	BC033088	Hs.594444

(Table S1) contd....

Probe ID	Gene Symbol	AM3	LM6	AM3/LM6	LM6/AM3	Description	Genbank	UniGene
224694_at	ANTXR1	5.37	7.98	0.67	1.49	anthrax toxin receptor 1; synonyms: ATR, TEM8, FLJ10601, FLJ11298, FLJ21776; isoform 1 precursor is encoded by transcript variant 1; 2310008J16Rik; 2810405N18Rik; tumor endothelial marker 8; ANTXR1/NGG1 fusion; Homo sapiens anthrax toxin receptor 1 (ANTXR)	AF279145	Hs.165859
215767_at	ZNF804A	5.37	23.75	0.23	4.43	zinc finger protein 804A	AF052145	Hs.159528
224506_s_at	PPAPDC3	5.36	5.11	1.05	0.95	phosphatidic acid phosphatase type 2 domain containing 3	BC006362	Hs.134292
220466_at	CCDC15	5.34	3.35	1.59	0.63	coiled-coil domain containing 15	NM_025004	Hs.287555
234880_x_at	KRTAP1-3	5.34	13.43	0.40	2.52	keratin associated protein 1-3	X63338	Hs.534495
224762_at	SERINC2	5.33	3.49	1.53	0.66	serine incorporator 2	AA872583	Hs.270655
216325_x_at	RTEL1	5.32	4.20	1.27	0.79	regulator of telomere elongation helicase 1; synonyms: NHL, RTEL, C20orf41, KIAA1088, bK3184A7.3, DKFZP434C013; isoform 2 is encoded by transcript variant 2; regulator of telomere length; Homo sapiens regulator of telomere elongation helicase 1 (RTEL1), t	AF217796	---
233085_s_at	OBFC2A	5.31	9.19	0.58	1.73	oligonucleotide/oligosaccharide-binding fold containing 2A	AV734843	Hs.591610
228840_at	AMOTL1	5.31	12.01	0.44	2.26	angiomin like 1	AW451115	Hs.503594
216981_x_at	SPN	5.30	4.38	1.21	0.83	sialophorin (leukosialin, CD43); synonyms: LSN, CD43, GPL115; Sialophorin (leukosialin); sialophorin (gpL115, leukosialin, CD43); Homo sapiens sialophorin (leukosialin, CD43) (SPN), transcript variant 2, mRNA.	X60502	Hs.632188
215223_s_at	SOD2	5.30	3.79	1.40	0.72	superoxide dismutase 2, mitochondrial; synonyms: IPO-B, MNSOD, Mn-SOD; isoform A precursor is encoded by transcript variant 2; manganese-superoxide dismutase; Mn superoxide dismutase; indophenoloxidase B; manganese-containing superoxide dismutase; manganese	W46388	Hs.487046
207426_s_at	TNFSF4	5.28	36.24	0.15	6.86	tumor necrosis factor (ligand) superfamily, member 4 (tax-transcriptionally activated glycoprotein 1, 34kDa)	NM_003326	Hs.181097
231936_at	HOXC9	5.28	8.44	0.63	1.60	homeobox C9	AK000445	Hs.658823
228176_at	EDG3	5.27	11.37	0.46	2.16	endothelial differentiation, sphingolipid G-protein-coupled receptor, 3	AA534817	---
210519_s_at	NQO1	5.26	6.16	0.85	1.17	NAD(P)H dehydrogenase, quinone 1; synonyms: DTD, QR1, DHQU, DIA4, NMOR1, NMORI; isoform b is encoded by transcript variant 2; diaphorase (NADH/NADPH) (cytochrome b-5 reductase); diaphorase-4; NAD(P)H:menadione oxidoreductase 1; quinone reductase 1; DT-dia	BC000906	Hs.406515
204684_at	NPTX1	5.25	8.67	0.61	1.65	neuronal pentraxin I	NM_002522	Hs.514556
215202_at	LOC91316	5.22	6.42	0.81	1.23	similar to bK246H3.1 (immunoglobulin lambda-like polypeptide 1, pre-B-cell specific)	AK025313	Hs.148656

(Table S1) contd....

Probe ID	Gene Symbol	AM3	LM6	AM3/LM6	LM6/AM3	Description	Genbank	UniGene
204268_at	S100A2	5.22	7.20	0.73	1.38	S100 calcium binding protein A2	NM_005978	Hs.516484
225612_s_at	B3GNT5	5.22	8.58	0.61	1.64	UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 5	BE672260	Hs.208267
209360_s_at	RUNX1	5.21	6.07	0.86	1.17	runt-related transcription factor 1 (acute myeloid leukemia 1; aml1 oncogene); synonyms: AML1, CBFA2, EVI-1, AMLCR1, PEBP2aB, AML1-EVI-1; isoform a is encoded by transcript variant 1; core-binding factor, runt domain, alpha subunit 2; AML1-EVI-1 fusion pr	D43968	Hs.149261
208663_s_at	TTC3	5.20	3.16	1.64	0.61	tetratricopeptide repeat domain 3; synonyms: DCRR1, RNF105, TPRDIII, DKFZp686M0150; TPR repeat protein D; Homo sapiens tetratricopeptide repeat domain 3 (TTC3), transcript variant 1, mRNA.	AI652848	Hs.368214
221258_s_at	KIF18A	5.18	3.04	1.70	0.59	kinesin family member 18A	NM_031217	Hs.301052
204686_at	IRS1	5.17	7.26	0.71	1.40	insulin receptor substrate 1	NM_005544	Hs.471508
1552789_at	TLOC1	5.17	6.57	0.79	1.27	translocation protein 1	NM_153039	Hs.592561
211026_s_at	MGLL	5.17	3.77	1.37	0.73	monoglyceride lipase; synonyms: MGL, HU-K5; isoform 1 is encoded by transcript variant 1; lysophospholipase-like; Homo sapiens monoglyceride lipase (MGLL), transcript variant 1, mRNA.	BC006230	Hs.277035
235030_at	FAM55C	5.17	5.72	0.90	1.11	family with sequence similarity 55, member C	BF969254	Hs.659526
226804_at	FAM20A	5.15	4.96	1.04	0.96	family with sequence similarity 20, member A	AI632223	Hs.268874
201116_s_at	CPE	5.15	8.67	0.59	1.68	carboxypeptidase E	AI922855	Hs.75360
222777_s_at	WHSC1	5.15	5.42	0.95	1.05	Wolf-Hirschhorn syndrome candidate 1; synonyms: WHS, NSD2, TRX5, MMSET, REIIBP, FLJ23286, KIAA1090; isoform 1 is encoded by transcript variant 1; trithorax/ash1-related protein 5; multiple myeloma SET domain protein; IL5 promoter REII region-binding prote	AI770166	Hs.113876
205214_at	STK17B	5.14	5.64	0.91	1.10	serine/threonine kinase 17b	NM_004226	Hs.88297
213388_at	LOC727942	5.14	7.41	0.69	1.44	phosphodiesterase 4D interacting protein (myomegalin); synonyms: MMGL, CMYA2, MGC75440, DKFZp781J054; isoform 5 is encoded by transcript variant 5; cardiomyopathy associated 2; Homo sapiens phosphodiesterase 4D interacting protein (myomegalin) (PDE4DIP),	H15535	Hs.647804
241874_at	LOC492311	5.13	5.64	0.91	1.10	similar to bovine IgA regulatory protein	H05025	Hs.696360
222557_at	STMN3	5.13	3.19	1.61	0.62	stathmin-like 3	AL353715	Hs.639609
236906_x_at	RANBP5	5.11	5.26	0.97	1.03	RAN binding protein 5	AI459826	Hs.643743
207442_at	CSF3	5.09	6.27	0.81	1.23	colony stimulating factor 3 (granulocyte); synonyms: GCSF, G-CSF, MGC45931; isoform b precursor is encoded by transcript variant 2; granulocyte colony stimulating factor; pluripoietin; filgrastim; lenograstim; Homo sapiens colony stimulating factor 3 (gra	NM_000759	Hs.2233

(Table S1) contd....

Probe ID	Gene Symbol	AM3	LM6	AM3/LM6	LM6/AM3	Description	Genbank	UniGene
243423_at	TNIP1	5.06	6.10	0.83	1.21	Transcribed locus	AF150368	Hs.543850
211555_s_at	GUCY1B3	5.06	3.87	1.31	0.76	guanylate cyclase 1, soluble, beta 3	AF020340	Hs.77890
204334_at	KLF7	5.06	6.01	0.84	1.19	Kruppel-like factor 7 (ubiquitous)	AA488672	Hs.471221
225390_s_at	KLF13	5.05	4.01	1.26	0.80	Kruppel-like factor 13	AL390127	Hs.525752
222235_s_at	GALNACT-2	5.04	7.42	0.68	1.47	chondroitin sulfate GalNAcT-2	AL139812	Hs.657569
1554640_at	PALM2	5.03	7.70	0.65	1.53	paralemmin 2	BC039306	---
238649_at	PITPNC1	5.03	3.88	1.30	0.77	phosphatidylinositol transfer protein, cytoplasmic 1; synonyms: RDGBB, RDGBB1, RDGB-BETA; isoform b is encoded by transcript variant 2; retinal degeneration B beta 1; Homo sapiens phosphatidylinositol transfer protein, cytoplasmic 1 (PITPNC1), transcript	AA815089	Hs.696160
204036_at	EDG2	5.03	9.86	0.51	1.96	endothelial differentiation, lysophosphatidic acid G-protein-coupled receptor, 2; synonyms: LPA1, LPAR1, edg-2, vzg-1, Gpcr26, Mrec1.3, rec.1.3; ventricular zone gene 1; Homo sapiens endothelial differentiation, lysophosphatidic acid G-protein-coupled rec	AW269335	Hs.126667
218009_s_at	PRC1	5.02	4.06	1.24	0.81	protein regulator of cytokinesis 1; synonyms: ASE1, MGC1671, MGC3669; isoform 2 is encoded by transcript variant 2; protein regulating cytokinesis 1; anaphase spindle elongation 1 homolog; Homo sapiens protein regulator of cytokinesis 1 (PRC1), transcript	NM_003981	Hs.567385
221058_s_at	CKLF	5.01	5.86	0.85	1.17	chemokine-like factor; synonyms: C32, CKLF1, CKLF2, CKLF3, CKLF4, UCK-1, HSPC224; isoform a is encoded by transcript variant 1; transmembrane proteolipid; chemokine-like factor 1; chemokine-like factor 2; chemokine-like factor 3; chemokine-like factor 4;	NM_016326	Hs.15159
218788_s_at	SMYD3	4.98	7.84	0.63	1.58	SET and MYND domain containing 3	NM_022743	Hs.567571
212912_at	RPS6KA2	4.98	7.09	0.70	1.42	ribosomal protein S6 kinase, 90kDa, polypeptide 2; synonyms: RSK, HU-2, RSK3, p90-RSK3, pp90RSK3, MAPKAPK1C, S6K-alpha, S6K-alpha2; isoform a is encoded by transcript variant 1; ribosomal protein S6 kinase, 90kD, polypeptide 2; ribosomal protein S6 kinase	AI992251	Hs.655277
222455_s_at	PARVA	4.96	8.55	0.58	1.72	parvin, alpha	AF237771	Hs.607144
212489_at	COL5A1	4.95	4.31	1.15	0.87	collagen, type V, alpha 1	AI983428	Hs.210283
205796_at	TCP11L1	4.94	8.24	0.60	1.67	t-complex 11 (mouse)-like 1	NM_018393	Hs.655341
230329_s_at	NUDT6	4.93	5.18	0.95	1.05	nudix (nucleoside diphosphate linked moiety X)-type motif 6; synonyms: gfg, bFGF, FGF-2, gfg-1, ASFGF2, FGF-AS, FGF2AS; isoform b is encoded by transcript variant 2; antisense basic fibroblast growth factor; Homo sapiens nudix (nucleoside diphosphate link	AI580268	Hs.558459
215495_s_at	SAMD4A	4.93	5.72	0.86	1.16	sterile alpha motif domain containing 4A	AL117523	Hs.98259
202862_at	FAH	4.92	5.70	0.86	1.16	fumarylacetoacetate hydrolase (fumarylacetoacetase)	NM_000137	Hs.73875

(Table S1) contd....

Probe ID	Gene Symbol	AM3	LM6	AM3/LM6	LM6/AM3	Description	Genbank	UniGene
203720_s_at	ERCC1	4.92	5.34	0.92	1.08	excision repair cross-complementing rodent repair deficiency, complementation group 1 (includes overlapping antisense sequence); synonyms: UV20, COFS4; isoform 1 is encoded by transcript variant 1; excision repair protein; Homo sapiens excision repair cro	NM_001983	Hs.435981
217312_s_at	COL7A1	4.92	4.17	1.18	0.85	collagen, type VII, alpha 1 (epidermolysis bullosa, dystrophic, dominant and recessive)	L23982	Hs.476218
205116_at	LAMA2	4.90	4.35	1.13	0.89	laminin, alpha 2 (merosin, congenital muscular dystrophy)	NM_000426	Hs.200841
219944_at	CLIP4	4.90	5.75	0.85	1.17	CAP-GLY domain containing linker protein family, member 4	NM_024692	Hs.122927
204344_s_at	SEC23A	4.87	5.13	0.95	1.05	Sec23 homolog A (<i>S. cerevisiae</i>)	NM_006364	Hs.272927
230313_at	TK2	4.87	5.66	0.86	1.16	thymidine kinase 2, mitochondrial	AA524412	Hs.512619
202765_s_at	FBN1	4.87	3.25	1.50	0.67	fibrillin 1	AI264196	Hs.591133
228703_at	P4HA3	4.85	7.47	0.65	1.54	procollagen-proline, 2-oxoglutarate 4-dioxygenase (proline 4-hydroxylase), alpha polypeptide III	AW665086	Hs.660541
215116_s_at	DNM1	4.85	5.03	0.96	1.04	dynamin 1; synonym: DNM; isoform 1 is encoded by transcript variant 1; Homo sapiens dynamin 1 (DNM1), transcript variant 1, mRNA.	AF035321	Hs.522413
232570_s_at	ADAM33	4.85	3.00	1.61	0.62	ADAM metalloproteinase domain 33; synonyms: FLJ35308, FLJ36751, MGC71889, DJ964F7.1, MGC149823, DKFZp434K0521; isoform beta preproprotein is encoded by transcript variant 2; a disintegrin and metalloproteinase domain 33; disintegrin and reprolysin metallopro	AL356755	Hs.173716
201842_s_at	EFEMP1	4.84	5.21	0.93	1.08	EGF-containing fibulin-like extracellular matrix protein 1	AI826799	Hs.76224
209946_at	VEGFC	4.83	7.03	0.69	1.45	vascular endothelial growth factor C	U58111	Hs.435215
217165_x_at	MT1F	4.83	7.66	0.63	1.59	metallothionein 1F	M10943	---
205091_x_at	RECQL	4.82	4.45	1.08	0.92	RecQ protein-like (DNA helicase Q1-like); synonyms: RecQ1, RECQL1; isoform 1 is encoded by transcript variant 2; ATP-dependent DNA helicase Q1; Homo sapiens RecQ protein-like (DNA helicase Q1-like) (RECQL), transcript variant 2, mRNA.	NM_002907	Hs.235069
204159_at	CDKN2C	4.82	3.79	1.27	0.79	cyclin-dependent kinase inhibitor 2C (p18, inhibits CDK4); Cyclin-dependent kinase inhibitor 2C (p18, inhibits CDK4)	NM_001262	Hs.525324
212915_at	PDZRN3	4.82	3.96	1.22	0.82	PDZ domain containing RING finger 3	AL569804	Hs.434900
204929_s_at	VAMP5	4.81	8.89	0.54	1.85	vesicle-associated membrane protein 5 (myobrevin)	NM_006634	Hs.172684
241706_at	CPNE8	4.80	4.42	1.09	0.92	copine VIII	AA431782	Hs.40910
207558_s_at	PITX2	4.79	5.17	0.93	1.08	paired-like homeodomain transcription factor 2; synonyms: RS, RGS, ARP1, Brx1, IDG2, IGDS, IHG2, PTX2, RIEG, IGDS2, IRID2, Otx2, RIEG1, MGC20144, MGC111022; isoform b is encoded by transcript variant 2; solurshin; all1-responsive gene 1; rieg bicoid-rela	NM_000325	Hs.643588

(Table S1) contd....

Probe ID	Gene Symbol	AM3	LM6	AM3/LM6	LM6/AM3	Description	Genbank	UniGene
215716_s_at	ATP2B1	4.79	4.07	1.18	0.85	ATPase, Ca ⁺⁺ transporting, plasma membrane 1; synonym: PMCA1; isoform 1b is encoded by transcript variant 2; plasma membrane calcium-ATPase isoform 1b; plasma membrane calcium pump; Homo sapiens ATPase, Ca ⁺⁺ transporting, plasma membrane 1 (ATP2B1), trans	L14561	Hs.506276
223493_at	FBXO4	4.79	5.32	0.90	1.11	F-box protein 4; synonyms: FBX4, FLJ10141, DKFZp547N213; isoform 2 is encoded by transcript variant 2; F-box protein Fbx4; F-box only protein 4; Homo sapiens F-box protein 4 (FBXO4), transcript variant 2, mRNA.	AF129534	Hs.165575
225871_at	STEAP2	4.79	4.71	1.02	0.98	six transmembrane epithelial antigen of the prostate 2	BF680588	Hs.489051
231840_x_at	LYRM7	4.78	4.42	1.08	0.92	Lym7 homolog (mouse)	AK000803	Hs.115467
221753_at	SSH1	4.78	3.27	1.46	0.68	slingshot homolog 1 (Drosophila)	AI651213	Hs.199763
76897_s_at	FKBP15	4.77	4.98	0.96	1.04	FK506 binding protein 15, 133kDa	AA628140	Hs.522351
238063_at	TMEM154	4.76	7.71	0.62	1.62	transmembrane protein 154	AA806283	Hs.518900
205579_at	HRH1	4.76	4.51	1.06	0.95	histamine receptor H1	NM_000861	Hs.1570
205932_s_at	MSX1	4.76	7.92	0.60	1.66	msh homeobox 1	NM_002448	Hs.424414
217985_s_at	BAZ1A	4.75	4.33	1.10	0.91	bromodomain adjacent to zinc finger domain, 1A; synonyms: ACF1, WALp1, hACF1, WCRF180, FLJ14383, DKFZP586E0518; isoform b is encoded by transcript variant 2; ATP-dependent chromatin remodeling protein; Homo sapiens bromodomain adjacent to zinc finger doma	AA102574	Hs.696045
213338_at	TMEM158	4.74	3.08	1.54	0.65	transmembrane protein 158	BF062629	Hs.35861
205381_at	LRRRC17	4.74	7.22	0.66	1.52	leucine rich repeat containing 17; synonym: P37NB; isoform 2 is encoded by transcript variant 2; 37 kDa leucine-rich repeat (LRR) protein; H_RG318M05.3; Homo sapiens leucine rich repeat containing 17 (LRRRC17), transcript variant 2, mRNA.	NM_005824	Hs.567412
201289_at	CYR61	4.70	4.51	1.04	0.96	cysteine-rich, angiogenic inducer, 61	NM_001554	Hs.8867
223220_s_at	PARP9	4.69	3.82	1.23	0.81	poly (ADP-ribose) polymerase family, member 9	AF307338	Hs.518200
230438_at	TBX15	4.68	14.62	0.32	3.12	T-box 15	AI039005	Hs.146196
227001_at	NPAL2	4.67	7.95	0.59	1.70	NIPA-like domain containing 2	AI096706	Hs.309489
207510_at	BDKRB1	4.67	9.51	0.49	2.04	bradykinin receptor B1	NM_000710	Hs.525572
222412_s_at	SSR3	4.67	8.62	0.54	1.85	signal sequence receptor, gamma (translocon-associated protein gamma)	AW150923	Hs.518346
202619_s_at	PLOD2	4.67	3.98	1.17	0.85	procollagen-lysine, 2-oxoglutarate 5-dioxygenase 2; synonyms: LH2, TLH; isoform a precursor is encoded by transcript variant 1; procollagen-lysine, 2-oxoglutarate 5-dioxygenase (lysine hydroxylase) 2; lysine hydroxylase 2; telopeptide lysyl hydroxylase; 1	AI754404	Hs.477866
235548_at	APCDD1L	4.66	19.80	0.24	4.25	adenomatosis polyposis coli down-regulated 1-like	BG326592	Hs.119286

(Table S1) contd....

Probe ID	Gene Symbol	AM3	LM6	AM3/LM6	LM6/AM3	Description	Genbank	UniGene
1567107_s_at	TPM4	4.66	3.02	1.55	0.65	tropomyosin 4; tropomyosin 3; synonyms: TM3, TRK, NEM1, TM-5, TM30, TM30nm, TPMsk3, hscp30, MGC3261, FLJ41118, MGC14582, MGC72094, OK/SW-cl.5; isoform 2 is encoded by transcript variant 2; heat-stable cytoskeletal protein 30 kDa; cytoskeletal tropomyosin	AF362887	Hs.631618
222705_s_at	SLC25A15	4.66	7.72	0.60	1.66	solute carrier family 25 (mitochondrial carrier; ornithine transporter) member 15	BC002702	Hs.646645
1552680_a_at	CASC5	4.66	3.08	1.51	0.66	cancer susceptibility candidate 5; synonyms: D40, AF15Q14, KIAA1570; isoform 1 is encoded by transcript variant 1; Homo sapiens cancer susceptibility candidate 5 (CASC5), transcript variant 1, mRNA.	NM_020380	Hs.181855
1564746_at	NHEDC2	4.66	5.08	0.92	1.09	Na ⁺ /H ⁺ exchanger domain containing 2	BC009732	Hs.546482
221029_s_at	WNT5B	4.64	9.13	0.51	1.97	wingless-type MMTV integration site family, member 5B; synonym: MGC2648; WNT-5B protein; Homo sapiens wingless-type MMTV integration site family, member 5B (WNT5B), transcript variant 1, mRNA.	NM_030775	Hs.306051
223790_at	KATNAL1	4.64	6.40	0.72	1.38	katanin p60 subunit A-like 1; synonym: MGC2599; Homo sapiens katanin p60 subunit A-like 1 (KATNAL1), transcript variant 1, mRNA.	BC000612	Hs.243596
227687_at	HYLS1	4.64	3.71	1.25	0.80	hydrolethals syndrome 1	AL523264	Hs.585071
1554053_at	SPTLC1	4.64	5.30	0.87	1.14	serine palmitoyltransferase, long chain base subunit 1; synonyms: HSAN, HSN1, LBC1, LCB1, SPT1, SPTI, HSAN1, MGC14645; isoform b is encoded by transcript variant 2; serine C-palmitoyltransferase; long chain base biosynthesis protein 1; serine-palmitoyl-Co	BC007085	Hs.90458
224772_at	NAV1	4.63	5.52	0.84	1.19	neuron navigator 1	AB032977	Hs.585374
206461_x_at	MT1H	4.62	7.23	0.64	1.57	metallothionein 1H	NM_005951	Hs.632513
218574_s_at	LMCD1	4.61	9.31	0.50	2.02	LIM and cysteine-rich domains 1	NM_014583	Hs.475353
202311_s_at	COL1A1	4.61	6.13	0.75	1.33	collagen, type I, alpha 1	AI743621	Hs.172928
229551_x_at	ZNF367	4.61	4.63	1.00	1.00	zinc finger protein 367	N62196	Hs.494557
215942_s_at	GTSE1	4.61	3.26	1.41	0.71	G-2 and S-phase expressed 1	BF973178	Hs.386189
235266_at	ATAD2	4.59	3.26	1.41	0.71	ATPase family, AAA domain containing 2	AI139629	Hs.370834
230338_x_at	GSX2	4.58	4.88	0.94	1.06	GS homeobox 2	BE551998	Hs.371899
219703_at	MNS1	4.58	3.57	1.28	0.78	meiosis-specific nuclear structural 1	NM_018365	Hs.444483
236487_at	SCLT1	4.55	4.72	0.96	1.04	sodium channel and clathrin linker 1	AW513286	Hs.654690
220675_s_at	PNPLA3	4.54	4.09	1.11	0.90	patatin-like phospholipase domain containing 3	NM_025225	Hs.654800
223158_s_at	NEK6	4.54	6.49	0.70	1.43	NIMA (never in mitosis gene a)-related kinase 6	BE616825	Hs.197071
1555007_s_at	WDR66	4.54	8.03	0.56	1.77	WD repeat domain 66	BC036233	Hs.131151
232735_at	ANKRD34	4.53	6.24	0.73	1.38	ankyrin repeat domain 34	AL359622	Hs.620591

(Table S1) contd....

Probe ID	Gene Symbol	AM3	LM6	AM3/LM6	LM6/AM3	Description	Genbank	UniGene
214587_at	COL8A1	4.53	26.33	0.17	5.81	collagen, type VIII, alpha 1; synonym: MGC9568; collagen VIII, alpha-1 polypeptide; endothelial collagen; smooth muscle cell-expressed and macrophage conditioned medium-induced protein smag-64; cell proliferation-inducing protein 41; Homo sapiens collagen	BE877796	Hs.654548
218793_s_at	SCML1	4.53	5.48	0.83	1.21	sex comb on midleg-like 1 (Drosophila)	NM_006746	Hs.109655
1558930_at	LOC728192	4.53	12.25	0.37	2.71	Homo sapiens, clone IMAGE:3891572, mRNA	BC009533	Hs.559194
209789_at	CORO2B	4.52	5.08	0.89	1.12	coronin, actin binding protein, 2B	BF939649	Hs.551213
219118_at	FKBP11	4.52	4.40	1.03	0.97	FK506 binding protein 11, 19 kDa	NM_016594	Hs.655103
238935_at	RPS27L	4.51	7.74	0.58	1.71	ribosomal protein S27-like	AW958475	Hs.108957
218197_s_at	OXR1	4.51	3.10	1.46	0.69	oxidation resistance 1	NM_018002	Hs.148778
230925_at	APBB1IP	4.51	5.50	0.82	1.22	amyloid beta (A4) precursor protein-binding, family B, member 1 interacting protein	AI093231	Hs.310421
210305_at	PDE4DIP	4.50	3.51	1.28	0.78	phosphodiesterase 4D interacting protein (myomegalin); synonyms: MMGL, CMYA2, MGC75440, DKFZp781J054; isoform 5 is encoded by transcript variant 5; cardiomyopathy associated 2; Homo sapiens phosphodiesterase 4D interacting protein (myomegalin) (PDE4DIP),	AB042557	Hs.654651
220994_s_at	STXBP6	4.50	4.98	0.90	1.11	syntaxin binding protein 6 (amisyn)	NM_014178	Hs.508958
214255_at	ATP10A	4.48	12.08	0.37	2.70	ATPase, Class V, type 10A	N35112	Hs.659258
204858_s_at	ECGF1	4.48	5.63	0.80	1.26	endothelial cell growth factor 1 (platelet-derived)	NM_001953	Hs.592212
232362_at	CCDC18	4.48	3.12	1.44	0.70	coiled-coil domain containing 18	AL139421	Hs.310637
227792_at	LOC162073	4.48	7.87	0.57	1.76	CDNA: FLJ22994 fis, clone KAT11918	AA490685	Hs.530899
222670_s_at	MAFB	4.48	7.41	0.60	1.66	v-maf musculoaponeurotic fibrosarcoma oncogene homolog B (avian)	AW135013	Hs.651210
1558956_s_at	IFT80	4.47	4.51	0.99	1.01	intraflagellar transport 80 homolog (Chlamydomonas)	AI473255	Hs.478095
214605_x_at	GPR1	4.46	3.21	1.39	0.72	G protein-coupled receptor 1	AL046992	Hs.184907
226090_x_at	LOC653256	4.46	3.39	1.32	0.76	RAB, member of RAS oncogene family-like 3	AK025772	Hs.444360
219313_at	GRAMD1C	4.46	10.94	0.41	2.45	GRAM domain containing 1C	NM_017577	Hs.24583
200760_s_at	ARL6IP5	4.46	3.03	1.47	0.68	ADP-ribosylation-like factor 6 interacting protein 5	N92494	Hs.518060
218613_at	PSD3	4.45	7.10	0.63	1.59	pleckstrin and Sec7 domain containing 3; synonyms: EFA6R, HCA67, DKFZp761K1423; isoform b is encoded by transcript variant 2; ADP-ribosylation factor guanine nucleotide factor 6; hepatocellular carcinoma-associated antigen 67; Homo sapiens pleckstrin and	NM_018422	Hs.434255
204457_s_at	GAS1	4.45	5.18	0.86	1.16	growth arrest-specific 1	NM_002048	Hs.65029
209288_s_at	CDC42EP3	4.45	5.90	0.75	1.33	CDC42 effector protein (Rho GTPase binding) 3	AL136842	Hs.369574
211160_x_at	ACTN1	4.44	6.16	0.72	1.39	actinin, alpha 1	M95178	Hs.509765
204033_at	TRIP13	4.44	4.49	0.99	1.01	thyroid hormone receptor interactor 13	NM_004237	Hs.436187

(Table S1) contd....

Probe ID	Gene Symbol	AM3	LM6	AM3/LM6	LM6/AM3	Description	Genbank	UniGene
226837_at	SPRED1	4.44	3.74	1.19	0.84	sprouty-related, EVH1 domain containing 1	BE967019	Hs.525781
231873_at	BMP2	4.43	3.67	1.21	0.83	bone morphogenetic protein receptor, type II (serine/threonine kinase)	AL046696	Hs.471119
213262_at	SACS	4.42	5.23	0.84	1.18	spastic ataxia of Charlevoix-Saguenay (sacsin)	AI932370	Hs.159492
215772_x_at	SUCLG2	4.42	4.85	0.91	1.10	succinate-CoA ligase, GDP-forming, beta subunit	AL050226	Hs.655250
242569_at	STAM2	4.41	3.74	1.18	0.85	signal transducing adaptor molecule (SH3 domain and ITAM motif) 2	N57099	Hs.17200
226982_at	ELL2	4.40	6.33	0.70	1.44	elongation factor, RNA polymerase II, 2	AI745624	Hs.592742
224495_at	TMEM107	4.40	3.34	1.32	0.76	transmembrane protein 107; synonyms: GRVS638, PRO1268, MGC10744; isoform 2 is encoded by transcript variant 2; Homo sapiens transmembrane protein 107 (TMEM107), transcript variant 2, mRNA.	BC006292	Hs.513933
202465_at	PCOLCE	4.40	4.52	0.97	1.03	procollagen C-endopeptidase enhancer	NM_002593	Hs.202097
209191_at	TUBB6	4.39	5.53	0.79	1.26	tubulin, beta 6	BC002654	Hs.193491
223805_at	OSBPL6	4.38	4.33	1.01	0.99	oxysterol binding protein-like 6; synonyms: ORP6, FLJ36583, MGC59642; isoform b is encoded by transcript variant 2; oxysterol-binding protein-related protein 6; OSBP-related protein 6; Homo sapiens oxysterol binding protein-like 6 (OSBPL6), transcript var	AF323728	Hs.318775
226028_at	ROBO4	4.38	6.53	0.67	1.49	roundabout homolog 4, magic roundabout (Drosophila)	AA156022	Hs.524121
204464_s_at	EDNRA	4.38	4.62	0.95	1.05	endothelin receptor type A	NM_001957	Hs.183713
236077_at	GANC	4.38	5.87	0.75	1.34	glucosidase, alpha; neutral C	AI671238	Hs.693779
213422_s_at	LOC727882	4.38	5.48	0.80	1.25	matrix-remodelling associated 8	AW888223	Hs.515687
202986_at	ARNT2	4.37	3.20	1.37	0.73	aryl-hydrocarbon receptor nuclear translocator 2	NM_014862	Hs.459070
203735_x_at	PPFIBP1	4.36	4.13	1.06	0.95	PTPRF interacting protein, binding protein 1 (liprin beta 1); synonyms: L2, hSGT2, hSgt2p; isoform 2 is encoded by transcript variant 2; liprin-beta 1; liprin related protein; protein-tyrosine phosphatase receptor-type f polypeptide-interacting protein-bi	N35896	Hs.172445
228642_at	HOXA2	4.35	11.25	0.39	2.59	Homo sapiens, clone IMAGE:5019307, mRNA	BF593636	Hs.445239
208816_x_at	ANXA2P2	4.35	5.80	0.75	1.33	annexin A2 pseudogene 2	M62898	Hs.534301
205829_at	HSD17B1	4.35	11.16	0.39	2.57	hydroxysteroid (17-beta) dehydrogenase 1	NM_000413	Hs.654385
202122_s_at	M6PRBP1	4.35	4.77	0.91	1.10	mannose-6-phosphate receptor binding protein 1	NM_005817	Hs.140452
213603_s_at	RAC2	4.34	8.55	0.51	1.97	ras-related C3 botulinum toxin substrate 2 (rho family, small GTP binding protein Rac2)	BE138888	Hs.517601
234973_at	SLC38A5	4.34	4.03	1.07	0.93	solute carrier family 38, member 5	BG325630	Hs.195155
212819_at	ASB1	4.31	5.32	0.81	1.23	ankyrin repeat and SOCS box-containing 1	AF055024	Hs.516788
213905_x_at	BGN	4.31	3.76	1.15	0.87	biglycan; teashirt family zinc finger 1	AA845258	Hs.821
223692_at	NMNAT1	4.31	5.97	0.72	1.39	nicotinamide nucleotide adenyltransferase 1	AF312734	Hs.633762

(Table S1) contd....

Probe ID	Gene Symbol	AM3	LM6	AM3/LM6	LM6/AM3	Description	Genbank	UniGene
205219_s_at	GALK2	4.31	4.06	1.06	0.94	galactokinase 2; synonyms: GK2, MGC1745; isoform 1 is encoded by transcript variant 1; Homo sapiens galactokinase 2 (GALK2), transcript variant 1, mRNA.	NM_002044	Hs.122006
202052_s_at	RAI14	4.31	6.29	0.68	1.46	retinoic acid induced 14	NM_015577	Hs.431400
219729_at	PRRX2	4.31	4.30	1.00	1.00	paired related homeobox 2	NM_016307	Hs.660115
205303_at	KCNJ8	4.28	9.44	0.45	2.21	potassium inwardly-rectifying channel, subfamily J, member 8	BF514158	Hs.102308
37408_at	MRC2	4.28	6.75	0.63	1.58	mannose receptor, C type 2	AB014609	Hs.7835
229905_at	RAP1GDS1	4.26	5.57	0.76	1.31	Transcribed locus	N92500	Hs.132858
226609_at	DCBLD1	4.26	6.76	0.63	1.59	discoidin, CUB and LCCL domain containing 1	N22751	Hs.658304
227480_at	SUSD2	4.26	86.22	0.05	20.24	sushi domain containing 2	Z92546	Hs.131819
223687_s_at	LY6K	4.25	5.24	0.81	1.23	lymphocyte antigen 6 complex, locus K	AA723810	Hs.69517
1552487_a_at	BNC1	4.25	4.89	0.87	1.15	basonuclin 1	NM_001717	Hs.459153
225539_at	ZNF295	4.25	4.31	0.99	1.01	zinc finger protein 295	AP001745	Hs.434947
207616_s_at	TANK	4.25	3.45	1.23	0.81	TRAF family member-associated NFkB activator; synonyms: TRAF2, I-TRAF; isoform b is encoded by transcript variant 2; TRAF family member-associated NF-KAPPA-B activator; Homo sapiens TRAF family member-associated NFkB activator (TANK), transcript variant 2	NM_004180	Hs.556496
205500_at	C5	4.24	3.19	1.33	0.75	complement component 5	NM_001735	Hs.494997
232674_at	UCN2	4.24	3.62	1.17	0.85	urocortin 2	BC002647	Hs.631914
223269_at	POLR3GL	4.24	5.33	0.80	1.26	polymerase (RNA) III (DNA directed) polypeptide G (32kD)-like	BC004355	Hs.591456
204663_at	ME3	4.24	4.26	0.99	1.01	malic enzyme 3, NADP(+)-dependent, mitochondrial; synonym: FLJ34862; NADP-ME; malic enzyme, NADP+-dependent, mitochondrial; pyruvic-malic carboxylase; malate dehydrogenase; mitochondrial NADP(+)-dependent malic enzyme 3; Homo sapiens malic enzyme 3, NADP(NM_006680	Hs.199743
202997_s_at	LOXL2	4.22	3.89	1.09	0.92	lysyl oxidase-like 2	BE251211	Hs.626637
1554513_s_at	CCDC123	4.21	3.09	1.36	0.73	coiled-coil domain containing 123	BC032307	Hs.599703
216253_s_at	PARVB	4.21	5.70	0.74	1.36	parvin, beta; synonym: CGI-56; isoform b is encoded by transcript variant 2; affixin; beta-parvin; Homo sapiens parvin, beta (PARVB), transcript variant 2, mRNA.	N73272	Hs.475074
213093_at	PRKCA	4.19	6.22	0.67	1.48	protein kinase C, alpha	AI471375	Hs.531704
206060_s_at	PTPN22	4.19	3.93	1.07	0.94	protein tyrosine phosphatase, non-receptor type 22 (lymphoid); synonyms: LYP, PEP, Lyp1, Lyp2, PTPN8; isoform 1 is encoded by transcript variant 1; lymphoid-specific protein tyrosine phosphatase; protein tyrosine phosphatase, non-receptor type 8; Homo sap	NM_015967	Hs.535276
227808_at	DNAJC15	4.18	6.41	0.65	1.54	DnaJ (Hsp40) homolog, subfamily C, member 15	AI091398	Hs.438830

(Table S1) contd....

Probe ID	Gene Symbol	AM3	LM6	AM3/LM6	LM6/AM3	Description	Genbank	UniGene
222173_s_at	TBC1D2	4.17	8.08	0.52	1.94	TBC1 domain family, member 2	AK026105	Hs.371016
224352_s_at	CFL2	4.17	5.58	0.75	1.34	cofilin 2 (muscle); synonym: NEM7; Homo sapiens cofilin 2 (muscle) (CFL2), transcript variant 2, mRNA.	AF134802	Hs.180141
218364_at	LRRFIP2	4.16	3.95	1.05	0.95	leucine rich repeat (in FLII) interacting protein 2; synonyms: HUF1-2, FLJ20248, FLJ22683, DKFZp434H2035; isoform 2 is encoded by transcript variant 2; Homo sapiens leucine rich repeat (in FLII) interacting protein 2 (LRRFIP2), transcript variant 2, mRNA.	NM_017724	Hs.475319
227850_x_at	CDC42EP5	4.15	6.23	0.67	1.50	CDC42 effector protein (Rho GTPase binding) 5	AW084544	Hs.415791
239852_at	MMAA	4.14	3.19	1.30	0.77	methylmalonic aciduria (cobalamin deficiency) cblA type	AL532029	Hs.452864
221213_s_at	SUHW4	4.14	4.06	1.02	0.98	suppressor of hairy wing homolog 4 (Drosophila); synonyms: ZNF634, MGC21637, MGC61687; isoform 3 is encoded by transcript variant 3; Homo sapiens suppressor of hairy wing homolog 4 (Drosophila) (SUHW4), transcript variant 3, mRNA.; isoform 1 is encoded by	NM_017661	Hs.511477
209833_at	CRADD	4.14	4.60	0.90	1.11	CASP2 and RIPK1 domain containing adaptor with death domain	U79115	Hs.591016
201185_at	HTRA1	4.14	6.18	0.67	1.49	HtrA serine peptidase 1	NM_002775	Hs.501280
204040_at	RNF144A	4.13	4.01	1.03	0.97	ring finger protein 144	NM_014746	Hs.22146
235572_at	SPC24	4.12	3.65	1.13	0.89	SPC24, NDC80 kinetochore complex component, homolog (S. cerevisiae)	AI469788	Hs.381225
213589_s_at	B3GNTL1	4.11	5.33	0.77	1.29	UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase-like 1; synonyms: B3GNT8, MGC126253, MGC126256; UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 8; Homo sapiens UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase-like 1 (B3G	AW468201	Hs.512029
204779_s_at	HOXB7	4.11	6.19	0.66	1.51	homeobox B7	NM_004502	Hs.436181
211355_x_at	LEPR	4.10	4.35	0.94	1.06	leptin receptor; synonyms: OBR, CD295; isoform 3 is encoded by transcript variant 3; OB receptor; Homo sapiens leptin receptor (LEPR), transcript variant 3, mRNA.; isoform 1 is encoded by transcript variant 1; Homo sapiens leptin receptor (LEPR), transcri	U52914	Hs.23581
206050_s_at	RNH1	4.09	4.18	0.98	1.02	ribonuclease/angiogenin inhibitor 1; synonyms: RAI, RNH, MGC4569, MGC18200, MGC54054; Placental ribonuclease inhibitor; Homo sapiens ribonuclease/angiogenin inhibitor 1 (RNH1), transcript variant 2, mRNA.; Homo sapiens ribonuclease/angiogenin inhibitor 1	NM_002939	Hs.530687
238447_at	RBMS3	4.09	5.50	0.74	1.35	RNA binding motif, single stranded interacting protein; isoform 1 is encoded by transcript variant 1; RNA binding motif, single stranded interacting protein 3; RNA-binding protein; Homo sapiens RNA binding motif, single stranded interacting protein (RBMS3	AA428240	Hs.696468

(Table S1) contd....

Probe ID	Gene Symbol	AM3	LM6	AM3/LM6	LM6/AM3	Description	Genbank	UniGene
205032_at	ITGA2	4.09	4.25	0.96	1.04	integrin, alpha 2 (CD49B, alpha 2 subunit of VLA-2 receptor)	NM_002203	Hs.482077
225655_at	UHRF1	4.07	4.39	0.93	1.08	ubiquitin-like, containing PHD and RING finger domains, 1	AK025578	Hs.108106
215321_at	RPIB9	4.06	3.59	1.13	0.88	Rap2-binding protein 9	AI825798	Hs.411488
237056_at	INSC	4.06	6.24	0.65	1.53	inscuteable homolog (Drosophila)	BF432206	Hs.591997
232844_at	IFT140	4.06	4.17	0.97	1.03	intraflagellar transport 140 homolog (Chlamydomonas)	AU159127	Hs.389438
206330_s_at	SHC3	4.05	3.45	1.17	0.85	SHC (Src homology 2 domain containing) transforming protein 3	NM_016848	Hs.656806
1559997_x_at	SAMD14	4.05	4.40	0.92	1.09	sterile alpha motif domain containing 14	BG911806	Hs.567769
210887_s_at	EVC	4.05	3.64	1.11	0.90	Ellis van Creveld syndrome	AF216185	Hs.646899
227361_at	HS3ST3B1	4.04	4.69	0.86	1.16	heparan sulfate (glucosamine) 3-O-sulfotransferase 3B1	AA780067	Hs.48384
208790_s_at	PTRF	4.04	5.05	0.80	1.25	polymerase I and transcript release factor	AF312393	Hs.437191
231779_at	IRAK2	4.03	3.18	1.27	0.79	interleukin-1 receptor-associated kinase 2	AI246590	Hs.449207
212667_at	SPARC	4.03	7.34	0.55	1.82	secreted protein, acidic, cysteine-rich (osteonectin)	AL575922	Hs.111779
59705_at	SCLY	4.03	6.90	0.58	1.71	selenocysteine lyase	AA911739	Hs.512606
205896_at	SLC22A4	4.03	6.88	0.59	1.71	solute carrier family 22 (organic cation transporter), member 4	NM_003059	Hs.310591
201963_at	ACSL1	4.02	6.11	0.66	1.52	acyl-CoA synthetase long-chain family member 1	NM_021122	Hs.406678
212586_at	CAST	4.02	4.01	1.00	1.00	calpastatin; synonyms: BS-17, MGC9402; isoform b is encoded by transcript variant 2; calpain inhibitor; sperm BS-17 component; heart-type calpastatin; Homo sapiens calpastatin (CAST), transcript variant 2, mRNA.; isoform c is encoded by transcript variant	AA195244	Hs.440961
222768_s_at	TRMT6	4.02	3.95	1.02	0.98	CGI-09 protein	BE897074	Hs.128791
208467_at	KLF12	4.02	3.68	1.09	0.92	Kruppel-like factor 12	NM_007249	Hs.373857
209383_at	DDIT3	4.01	3.25	1.24	0.81	DNA-damage-inducible transcript 3	BC003637	Hs.505777
201648_at	JAK1	4.01	4.98	0.81	1.24	Janus kinase 1 (a protein tyrosine kinase)	AL039831	Hs.207538
202912_at	ADM	4.00	5.23	0.77	1.31	adrenomedullin	NM_001124	Hs.441047
219658_at	PTCD2	4.00	3.62	1.10	0.91	pentatricopeptide repeat domain 2	NM_024754	Hs.126906
36711_at	MAFF	3.98	5.39	0.74	1.35	v-maf musculoaponeurotic fibrosarcoma oncogene homolog F (avian); synonym: U-MAF; v-maf avian musculoaponeurotic fibrosarcoma oncogene family protein F; Homo sapiens v-maf musculoaponeurotic fibrosarcoma oncogene homolog F (avian) (MAFF), transcript varia	AL021977	Hs.517617
222721_at	DOCK5	3.98	3.09	1.29	0.78	dedicator of cytokinesis 5	AK024569	Hs.195403
206513_at	AIM2	3.98	11.03	0.36	2.77	absent in melanoma 2	NM_004833	Hs.281898

(Table S1) contd....

Probe ID	Gene Symbol	AM3	LM6	AM3/LM6	LM6/AM3	Description	Genbank	UniGene
201621_at	NBL1	3.98	5.21	0.76	1.31	neuroblastoma, suppression of tumorigenicity 1; synonyms: NB, DAN, NO3, DAND1, MGC8972, D1S1733E; 1 is encoded by transcript variant 1; neuroblastoma candidate region, suppression of tumorigenicity 1; zinc finger protein DAN; neuroblastoma suppressor of t	NM_005380	Hs.654502
221269_s_at	SH3BGRL3	3.97	4.72	0.84	1.19	SH3 domain binding glutamic acid-rich protein like 3	NM_031286	Hs.109051
227639_at	PIGK	3.95	4.70	0.84	1.19	phosphatidylinositol glycan anchor biosynthesis, class K	AI275605	Hs.178305
235496_at	UNQ338	3.95	3.51	1.13	0.89	Clone DNA49141 LGLL338 (UNQ338)	AI521254	Hs.208081
225540_at	MAP2	3.95	9.06	0.44	2.29	microtubule-associated protein 2; synonyms: MAP2A, MAP2B, MAP2C, DKFZp686I2148; isoform 2 is encoded by transcript variant 2; Homo sapiens microtubule-associated protein 2 (MAP2), transcript variant 2, mRNA.; isoform 4 is encoded by transcript variant 4;	BF342661	Hs.368281
227145_at	LOXL4	3.94	12.79	0.31	3.24	lysyl oxidase-like 4	AW190565	Hs.306814
203904_x_at	CD82	3.93	3.40	1.16	0.87	CD82 molecule; synonyms: R2, 4F9, C33, IA4, ST6, GR15, KAI1, SAR2, TSPAN27; isoform 1 is encoded by transcript variant 1; suppressor of tumorigenicity 6; kangai 1 (suppression of tumorigenicity 6, prostate; CD82 antigen (R2 leukocyte antigen, antigen dete	NM_002231	Hs.527778
228789_at	MTMR6	3.93	5.29	0.74	1.35	myotubularin related protein 6	AI290971	Hs.696140
205283_at	FCMD	3.93	3.82	1.03	0.97	Fukuyama type congenital muscular dystrophy (fukutin)	NM_006731	Hs.55777
235272_at	SBSN	3.92	6.70	0.58	1.71	suprabasin	AI814274	Hs.433484
220935_s_at	CDK5RAP2	3.92	3.94	0.99	1.01	CDK5 regulatory subunit associated protein 2; synonyms: C48, MCPH3, Cep215, KIAA1633, DKFZp686B1070, DKFZp686D1070; isoform a is encoded by transcript variant 1; centrosomal protein 215 kDa; CDK5 activator-binding protein C48; Homo sapiens CDK5 regulatory	NM_018249	Hs.269560
1559064_at	NUP153	3.91	3.33	1.18	0.85	nucleoporin 153kDa	BC035502	Hs.601591
243445_at	BNC2	3.91	3.71	1.06	0.95	basonuclin 2	AI767962	Hs.693437
223535_at	NUDT12	3.91	4.59	0.85	1.17	nudix (nucleoside diphosphate linked moiety X)-type motif 12	AL136592	Hs.434289
206115_at	EGR3	3.90	13.34	0.29	3.42	early growth response 3	NM_004430	Hs.534313
204305_at	MIPEP	3.89	5.34	0.73	1.37	mitochondrial intermediate peptidase	NM_005932	Hs.507498
209340_at	UAP1	3.89	5.72	0.68	1.47	UDP-N-acteylglucosamine pyrophosphorylase 1	S73498	Hs.492859
211003_x_at	TGM2	3.88	5.66	0.69	1.46	transglutaminase 2 (C polypeptide, protein-glutamine-gamma-glutamyltransferase); synonyms: TG2, TGC; isoform b is encoded by transcript variant 2; transglutaminase C; tissue transglutaminase; TGase C; TGase-H; Homo sapiens transglutaminase 2 (C polypeptid	BC003551	Hs.517033

(Table S1) contd....

Probe ID	Gene Symbol	AM3	LM6	AM3/LM6	LM6/AM3	Description	Genbank	UniGene
235349_at	FAM82A	3.88	5.64	0.69	1.46	family with sequence similarity 82, member A	AI261321	Hs.591566
220020_at	XPNPEP3	3.88	4.46	0.87	1.15	X-prolyl aminopeptidase (aminopeptidase P) 3, putative	NM_022098	Hs.529163
234944_s_at	FAM54A	3.87	3.08	1.26	0.80	family with sequence similarity 54, member A	AL138828	Hs.121536
217367_s_at	ZHX3	3.87	4.56	0.85	1.18	zinc fingers and homeoboxes 3	AB007855	Hs.380133
203184_at	FBN2	3.86	6.93	0.56	1.80	fibrillin 2 (congenital contractural arachnodactyly)	NM_001999	Hs.519294
213012_at	NEDD4	3.86	4.41	0.88	1.14	neural precursor cell expressed, developmentally down-regulated 4; synonym: KIAA0093; isoform 2 is encoded by transcript variant 2; Homo sapiens neural precursor cell expressed, developmentally down-regulated 4 (NEDD4), transcript variant 2, mRNA.	D42055	Hs.1565
205376_at	INPP4B	3.85	7.21	0.53	1.87	inositol polyphosphate-4-phosphatase, type II, 105kDa	NM_003866	Hs.658245
226504_at	FAM109B	3.85	6.33	0.61	1.65	family with sequence similarity 109, member B	AA522720	Hs.368312
219512_at	DSN1	3.83	3.46	1.11	0.90	DSN1, MIND kinetochore complex component, homolog (S. cerevisiae)	NM_024918	Hs.632268
229850_at	FVT1	3.83	3.95	0.97	1.03	follicular lymphoma variant translocation 1	N30152	Hs.74050
231907_at	ABL2	3.83	3.53	1.08	0.92	v-abl Abelson murine leukemia viral oncogene homolog 2 (arg, Abelson-related gene); synonyms: ARG, ABLL; isoform b is encoded by transcript variant b; Abelson murine leukemia viral (v-abl) oncogene homolog 2; Homo sapiens v-abl Abelson murine leukemia vir	AK025877	Hs.591465
202087_s_at	CTSL1	3.81	3.93	0.97	1.03	cathepsin L1; synonyms: MEP, CATL, CTSL, FLJ31037; major excreted protein; Homo sapiens cathepsin L1 (CTSL1), transcript variant 2, mRNA.	NM_001912	Hs.418123
212364_at	MYO1B	3.81	3.81	1.00	1.00	myosin IB	BF432550	Hs.439620
228462_at	IRX2	3.81	7.02	0.54	1.85	iroquois homeobox protein 2	AI928035	Hs.282089
225303_at	KIRREL	3.79	3.42	1.11	0.90	kin of IRRE like (Drosophila)	AI049973	Hs.609291
204715_at	PANX1	3.78	4.42	0.86	1.17	pannexin 1	NM_015368	Hs.591976
209781_s_at	KHDRBS3	3.78	4.35	0.87	1.15	KH domain containing, RNA binding, signal transduction associated 3	AF069681	Hs.444558
206492_at	FHIT	3.78	7.21	0.52	1.91	fragile histidine triad gene	NM_002012	Hs.655995
219937_at	TRHDE	3.77	21.33	0.18	5.65	thyrotropin-releasing hormone degrading enzyme	NM_013381	Hs.199814
229194_at	PCGF5	3.77	3.65	1.03	0.97	polycomb group ring finger 5	AL045882	Hs.500512
202759_s_at	AKAP2	3.77	4.28	0.88	1.14	PALM2-AKAP2 protein; synonyms: AKAP2, DKFZp686H1948; isoform 2 is encoded by transcript variant 2; Homo sapiens PALM2-AKAP2 protein (PALM2-AKAP2), transcript variant 2, mRNA.	BE879367	Hs.591908
204976_s_at	AMMECR1	3.75	3.51	1.07	0.94	Alport syndrome, mental retardation, midface hypoplasia and elliptocytosis chromosomal region, gene 1; synonym: AMMERC1; isoform 1 is encoded by transcript variant 1; Homo sapiens Alport syndrome, mental retardation, midface hypoplasia and elliptocytosis	AK023637	Hs.656243

(Table S1) contd....

Probe ID	Gene Symbol	AM3	LM6	AM3/LM6	LM6/AM3	Description	Genbank	UniGene
236154_at	QKI	3.75	6.89	0.54	1.84	quaking homolog, KH domain RNA binding (mouse); synonyms: QK, Hqk, QK3, DKFZp58610923; isoform HQK-6 is encoded by transcript variant 2; homolog of mouse quaking QKI (KH domain RNA binding protein); RNA binding protein HQK; Homo sapiens quaking homolog, K	R41907	Hs.593520
226493_at	KCTD18	3.74	4.96	0.75	1.33	potassium channel tetramerisation domain containing 18	AI627249	Hs.653234
219926_at	POPDC3	3.74	6.80	0.55	1.82	popeye domain containing 3	NM_022361	Hs.458336
224896_s_at	TTL	3.73	5.81	0.64	1.56	tubulin tyrosine ligase	BE964048	Hs.358997
242172_at	MEIS1	3.73	4.18	0.89	1.12	Meis homeobox 1	N50406	Hs.526754
219637_at	ARMC9	3.73	4.91	0.76	1.32	armadillo repeat containing 9	NM_025139	Hs.471610
238841_at	PTPDC1	3.73	3.47	1.07	0.93	protein tyrosine phosphatase domain containing 1; synonyms: PTP9Q22, FLJ42922; isoform 2 is encoded by transcript variant 2; protein tyrosine phosphatase PTP9Q22; Homo sapiens protein tyrosine phosphatase domain containing 1 (PTPDC1), transcript variant 2	AA651920	Hs.437943
242313_at	LOC728730	3.72	6.07	0.61	1.63	CDNA FLJ37859 fis, clone BRSSN2015369	BG284890	Hs.655344
220329_s_at	RMND1	3.72	3.03	1.23	0.81	required for meiotic nuclear division 1 homolog (S. cerevisiae)	NM_017909	Hs.486835
228711_at	ZNF37A	3.72	3.29	1.13	0.89	zinc finger protein 37A; synonyms: KOX21, ZNF37, FLJ3472; zinc finger protein 37a (KOX21); zinc finger protein 37a (KOX 21); Homo sapiens zinc finger protein 37A (ZNF37A), transcript variant 2, mRNA.	BF059259	Hs.292575
210113_s_at	NLRP1	3.72	3.57	1.04	0.96	NLR family, pyrin domain containing 1; synonyms: NAC, CARD7, NALP1, SLEV1, DEFCAP, PP1044, VAMAS1, CLR17.1, KIAA0926, DEFCAP-L/S, DKFZp58601822; isoform 2 is encoded by transcript variant 2; death effector filament-forming Ced-4-like apoptosis protein; NA	AF310105	Hs.652273
1569003_at	TMEM49	3.71	3.75	0.99	1.01	transmembrane protein 49	AL541655	Hs.659162
1552309_a_at	NEXN	3.71	8.63	0.43	2.33	nexilin (F actin binding protein)	NM_144573	Hs.632387
221634_at	RPL23AP7	3.70	4.87	0.76	1.32	ribosomal protein L23a pseudogene 7	BC000596	Hs.595056
222889_at	DCLRE1B	3.70	4.81	0.77	1.30	DNA cross-link repair 1B (PSO2 homolog, S. cerevisiae)	AI703304	Hs.591412
227926_s_at	NBPF11	3.70	5.60	0.66	1.51	neuroblastoma breakpoint family, member 15; neuroblastoma breakpoint family, member 11	AI498207	Hs.636561
215606_s_at	ERC1	3.70	3.82	0.97	1.03	ELKS/RAB6-interacting/CAST family member 1; synonyms: ELKS, Cast2, RAB6IP2, KIAA1081, MGC12974; isoform beta is encoded by transcript variant beta; Rab6-interacting protein 2; RAB6 interacting protein 2; Homo sapiens ELKS/RAB6-interacting/CAST family memb	AB029004	Hs.658200
1553982_a_at	RAB7B	3.70	5.11	0.72	1.38	RAB7B, member RAS oncogene family	AY094596	Hs.534612
201995_at	EXT1	3.69	4.52	0.82	1.23	exostoses (multiple) 1	NM_000127	Hs.492618

(Table S1) contd....

Probe ID	Gene Symbol	AM3	LM6	AM3/LM6	LM6/AM3	Description	Genbank	UniGene
219582_at	OGFRL1	3.69	5.17	0.71	1.40	opioid growth factor receptor-like 1	NM_024576	Hs.656091
226468_at	ZNF364	3.68	4.53	0.81	1.23	Transcribed locus, weakly similar to XP_517454.1 PREDICTED: similar to hypothetical protein MGC45438 [Pan troglodytes]	AA778521	Hs.523550
235082_at	PCNX	3.68	3.70	1.00	1.00	Full-length cDNA clone CS0DK010YA20 of HeLa cells Cot 25-normalized of Homo sapiens (human)	BG024649	Hs.446559
203151_at	MAP1A	3.68	4.82	0.76	1.31	microtubule-associated protein 1A	AW296788	Hs.194301
235783_at	MRTO4	3.68	4.38	0.84	1.19	mRNA turnover 4 homolog (<i>S. cerevisiae</i>)	BG107419	Hs.463797
227529_s_at	AKAP12	3.67	4.79	0.77	1.31	A kinase (PRKA) anchor protein (gravin) 12; synonyms: AKAP250, DKFZp686M0430, DKFZp686O0331; isoform 2 is encoded by transcript variant 2; kinase scaffold protein gravin; A-kinase anchor protein, 250kDa; myasthenia gravis autoantigen gravin; Homo sapiens	BF511276	Hs.371240
219390_at	FKBP14	3.67	4.45	0.83	1.21	FK506 binding protein 14, 22 kDa	NM_017946	Hs.571333
229450_at	IFIT3	3.67	3.08	1.19	0.84	interferon-induced protein with tetratricopeptide repeats 3; synonyms: IRG2, IFI60, IFIT4, ISG60, RIG-G, CIG-49, GARG-49; interferon-induced protein with tetratricopeptide repeats 4; Homo sapiens interferon-induced protein with tetratricopeptide repeats 3	AI075407	Hs.47338
225116_at	HIPK2	3.67	3.51	1.04	0.96	homeodomain interacting protein kinase 2	AW300045	Hs.397465
219100_at	OBFC1	3.66	4.57	0.80	1.25	oligonucleotide/oligosaccharide-binding fold containing 1	NM_024928	Hs.134491
215215_s_at	LOC81691	3.66	4.16	0.88	1.14	exonuclease NEF-sp	AC004381	Hs.177926
217851_s_at	SLMO2	3.66	3.44	1.06	0.94	slowmo homolog 2 (<i>Drosophila</i>)	NM_016045	Hs.656865
242230_at	ATXN1	3.66	3.01	1.21	0.82	ataxin 1	BF438383	Hs.434961
220741_s_at	PPA2	3.65	4.31	0.85	1.18	pyrophosphatase (inorganic) 2; synonyms: HSPC124, FLJ20459, MGC49850, SID6-306; isoform 2 precursor is encoded by transcript variant 2; inorganic pyrophosphatase 2; Homo sapiens pyrophosphatase (inorganic) 2 (PPA2), nuclear gene encoding mitochondrial pro	NM_006903	Hs.654957
204058_at	ME1	3.65	4.16	0.88	1.14	malic enzyme 1, NADP(+)-dependent, cytosolic	AL049699	Hs.211160
221007_s_at	FIP1L1	3.65	3.28	1.12	0.90	FIP1 like 1 (<i>S. cerevisiae</i>)	NM_030917	Hs.518760
220775_s_at	UEVLD	3.65	4.40	0.83	1.20	UEV and lactate/malate dehydrogenase domains	NM_018314	Hs.407991
228822_s_at	USP16	3.65	3.58	1.02	0.98	ubiquitin specific peptidase 16; synonym: UBP-M; isoform a is encoded by transcript variant 3; ubiquitin specific protease 16; ubiquitin-specific processing protease 16; ubiquitin carboxyl-terminal hydrolase 16; ubiquitin thiolesterase 16; deubiquitinatin	AI435036	Hs.99819
201505_at	LAMB1	3.65	4.56	0.80	1.25	laminin, beta 1	NM_002291	Hs.650585
224865_at	MLSTD2	3.64	3.46	1.05	0.95	male sterility domain containing 2	N63551	Hs.501991

(Table S1) contd....

Probe ID	Gene Symbol	AM3	LM6	AM3/LM6	LM6/AM3	Description	Genbank	UniGene
210486_at	ANKMY1	3.64	3.59	1.02	0.98	ankyrin repeat and MYND domain containing 1; synonyms: ZMYND13, FLJ20499, DKFZp686D20155, DKFZp686L21237; isoform 2 is encoded by transcript variant 2; testis specific ankyrin-like protein 1; Homo sapiens ankyrin repeat and MYND domain containing 1 (ANKMY)	AL136618	Hs.656615
202794_at	INPP1	3.64	4.51	0.81	1.24	inositol polyphosphate-1-phosphatase	NM_002194	Hs.32309
224952_at	TANC2	3.64	4.07	0.89	1.12	tetratricopeptide repeat, ankyrin repeat and coiled-coil containing 2	BF115054	Hs.410889
236281_x_at	HTR7	3.62	6.11	0.59	1.69	5-hydroxytryptamine (serotonin) receptor 7 (adenylate cyclase-coupled); synonym: 5-HT7; isoform d is encoded by transcript variant d; serotonin 5-HT-7 receptor; Homo sapiens 5-hydroxytryptamine (serotonin) receptor 7 (adenylate cyclase-coupled) (HTR7), tr	R44298	Hs.73739
40560_at	TBX2	3.62	3.18	1.14	0.88	T-box 2	U28049	Hs.531085
204643_s_at	ENOX2	3.62	3.74	0.97	1.03	ecto-NOX disulfide-thiol exchanger 2; synonyms: APK1, tNOX, COVA1; isoform b is encoded by transcript variant 2; APK1 antigen; cytosolic ovarian carcinoma antigen 1; Homo sapiens ecto-NOX disulfide-thiol exchanger 2 (ENOX2), transcript variant 2, mRNA.	NM_006375	Hs.171458
215517_at	PYGO1	3.61	5.96	0.61	1.65	pygopus homolog 1 (Drosophila)	AL049925	Hs.256587
220244_at	LOH3CR2A	3.61	8.14	0.44	2.26	loss of heterozygosity, 3, chromosomal region 2, gene A	NM_013343	Hs.591661
202684_s_at	RNMT	3.60	4.48	0.80	1.24	RNA (guanine-7-) methyltransferase	AB020966	Hs.592347
214512_s_at	SUB1	3.60	3.82	0.94	1.06	SUB1 homolog (S. cerevisiae)	NM_006713	Hs.229641
240214_at	LOC727789	3.60	5.24	0.69	1.46	Transcribed locus	BF059209	Hs.572159
209627_s_at	OSBPL3	3.60	4.15	0.87	1.15	oxysterol binding protein-like 3; synonyms: ORP3, ORP-3, OSBP3, KIAA0704, MGC21526, DKFZp667P1518; isoform b is encoded by transcript variant 2; oxysterol-binding protein-related protein 3; oxysterol-binding protein 3; OSBP-related protein 3; Homo sapiens	AY008372	Hs.520259
232403_at	SPG11	3.60	3.65	0.99	1.01	spastic paraplegia 11 (autosomal recessive)	BF062814	Hs.656271
208581_x_at	MT1X	3.60	6.07	0.59	1.69	metallothionein 1X	NM_005952	Hs.374950
223730_at	GPC6	3.58	3.91	0.92	1.09	glypican 6	AF111178	Hs.444329
233255_s_at	BIVM	3.57	3.86	0.93	1.08	basic, immunoglobulin-like variable motif containing	AF339793	Hs.288809
1552427_at	ZNF485	3.57	3.65	0.98	1.02	zinc finger protein 485	NM_145312	Hs.147440
202239_at	PARP4	3.57	3.54	1.01	0.99	poly (ADP-ribose) polymerase family, member 4	NM_006437	Hs.591227
224928_at	SETD7	3.57	5.93	0.60	1.66	SET domain containing (lysine methyltransferase) 7	AK024846	Hs.480792
241989_at	GRK4	3.57	3.40	1.05	0.95	G protein-coupled receptor kinase 4; synonyms: IT11, GPRK4, GRK4a, GPRK2L; isoform gamma is encoded by transcript variant 3; G-protein coupled receptor kinase 4; G protein-coupled receptor kinase 2-like; Homo sapiens G protein-coupled receptor kinase 4 (G	AW269179	Hs.32959

(Table S1) contd....

Probe ID	Gene Symbol	AM3	LM6	AM3/LM6	LM6/AM3	Description	Genbank	UniGene
222548_s_at	MAP4K4	3.57	5.06	0.70	1.42	mitogen-activated protein kinase kinase kinase kinase 4; synonyms: HGK, NIK, FLH21957, FLJ10410, FLJ20373, FLJ90111, KIAA0687; isoform 2 is encoded by transcript variant 2; HPK/GCK-like kinase; hepatocyte progenitor kinase-like/germinal center kinase-like	AL561281	Hs.431550
208646_at	MGC87895	3.55	3.89	0.91	1.10	ribosomal protein S14; synonym: EMTB; emetine resistance; 40S ribosomal protein S14; Homo sapiens ribosomal protein S14 (RPS14), transcript variant 1, mRNA.; Homo sapiens ribosomal protein S14 (RPS14), transcript variant 3, mRNA.	AF116710	Hs.381126
201069_at	MMP2	3.55	3.65	0.97	1.03	matrix metalloproteinase 2 (gelatinase A, 72kDa gelatinase, 72kDa type IV collagenase)	NM_004530	Hs.513617
226069_at	PRICKLE1	3.55	3.60	0.98	1.02	prickle homolog 1 (Drosophila)	AA404269	Hs.524348
226308_at	NY-SAR-48	3.54	3.75	0.94	1.06	sarcoma antigen NY-SAR-48; synonym: MGC20533; isoform a is encoded by transcript variant 1; Homo sapiens sarcoma antigen NY-SAR-48 (NY-SAR-48), transcript variant 1, mRNA.	AA099118	Hs.404088
1552485_at	LACTB	3.54	5.58	0.63	1.58	lactamase, beta; synonyms: G24, MRPL56, FLJ14902; isoform b is encoded by transcript variant 2; mitochondrial ribosomal protein L56; mitochondrial 39S ribosomal protein L56; serine beta lactamase-like protein LACTB; Homo sapiens lactamase, beta (LACTB), n	NM_171846	Hs.410388
202177_at	GAS6	3.54	12.89	0.27	3.64	growth arrest-specific 6	NM_000820	Hs.646346
203282_at	GBE1	3.53	5.26	0.67	1.49	glucan (1,4-alpha-), branching enzyme 1 (glycogen branching enzyme, Andersen disease, glycogen storage disease type IV)	NM_000158	Hs.436062
225282_at	SMAP1L	3.52	5.25	0.67	1.49	stromal membrane-associated protein 1-like	AL137764	Hs.15200
219206_x_at	TMBIM4	3.52	3.50	1.01	0.99	transmembrane BAX inhibitor motif containing 4	NM_016056	Hs.505934
220933_s_at	ZCCHC6	3.52	6.00	0.59	1.70	zinc finger, CCHC domain containing 6	NM_024617	Hs.655162
203336_s_at	ITGB1BP1	3.52	5.81	0.61	1.65	integrin beta 1 binding protein 1; synonyms: ICAP1, ICAP1A, ICAP1B, ICAP-1A, ICAP-1B, ICAP-1alpha, DKFZp686K08158; isoform 2 is encoded by transcript variant 2; integrin cytoplasmic domain-associated protein 1-beta; integrin cytoplasmic domain-associated	AL548363	Hs.467662
1555854_at	AKR1C1	3.51	6.16	0.57	1.75	CDNA FLJ33809 fis, clone CTONG2001858	AA594609	Hs.567256
229831_at	CNTN3	3.51	7.68	0.46	2.19	contactin 3 (plasmaocytoma associated)	BE221817	Hs.12723
222402_at	POMP	3.51	6.44	0.54	1.84	proteasome maturation protein	BC003390	Hs.268742
226192_at	AR	3.50	3.42	1.02	0.98	Transcribed locus, strongly similar to XP_496055.1 PREDICTED: similar to p40 [Homo sapiens]	T68445	Hs.496240
210255_at	RAD51L1	3.50	4.45	0.79	1.27	RAD51-like 1 (S. cerevisiae); synonyms: REC2, R51H2, hREC2, RAD51B, MGC34245; isoform 3 is encoded by transcript variant 3; RAD51 (S. cerevisiae)-like 1; RecA-like protein; recombination repair protein; DNA repair protein RAD51 homolog 2; RAD51 homolog B;	U84138	Hs.172587

(Table S1) contd....

Probe ID	Gene Symbol	AM3	LM6	AM3/LM6	LM6/AM3	Description	Genbank	UniGene
213122_at	TSPYL5	3.50	4.80	0.73	1.37	TSPY-like 5	AI096375	Hs.173094
231730_at	SEPSECS	3.50	4.23	0.83	1.21	Sep (O-phosphoserine) tRNA:Sec (selenocysteine) tRNA synthase; synonyms: SLA, SLA/LP, MGC161491; isoform 2 is encoded by transcript variant 2; soluble liver antigen/liver pancreas antigen; Homo sapiens Sep (O-phosphoserine) tRNA:Sec (selenocysteine) tRNA	NM_016955	Hs.253305
1552671_a_at	SLC9A7	3.49	3.50	1.00	1.00	solute carrier family 9 (sodium/hydrogen exchanger), member 7	NM_032591	Hs.496057
204214_s_at	RAB32	3.49	5.00	0.70	1.43	RAB32, member RAS oncogene family	NM_006834	Hs.287714
226558_at	LOC653071	3.49	19.47	0.18	5.58	tektin 4	BE856637	Hs.626311
205924_at	RAB3B	3.49	3.19	1.10	0.91	RAB3B, member RAS oncogene family	BC005035	Hs.123072
228669_x_at	PARP10	3.49	4.07	0.86	1.17	poly (ADP-ribose) polymerase family, member 10	BF109873	Hs.348609
230243_at	RG9MTD2	3.49	3.30	1.06	0.95	RNA (guanine-9-) methyltransferase domain containing 2	BE671949	Hs.380412
214398_s_at	IKBKE	3.48	3.31	1.05	0.95	inhibitor of kappa light polypeptide gene enhancer in B-cells, kinase epsilon	AW340333	Hs.321045
212851_at	DCUN1D4	3.48	3.29	1.06	0.95	DCN1, defective in cullin neddylation 1, domain containing 4 (<i>S. cerevisiae</i>)	AA194584	Hs.605388
219282_s_at	TRPV2	3.46	6.99	0.50	2.02	transient receptor potential cation channel, subfamily V, member 2	NM_015930	Hs.279746
205191_at	RP2	3.46	5.22	0.66	1.51	retinitis pigmentosa 2 (X-linked recessive)	NM_006915	Hs.44766
218203_at	ALG5	3.46	4.11	0.84	1.19	asparagine-linked glycosylation 5 homolog (<i>S. cerevisiae</i> , dolichyl-phosphate beta-glucosyltransferase)	NM_013338	Hs.507769
203837_at	LOC729144	3.46	3.72	0.93	1.08	mitogen-activated protein kinase kinase kinase 5	NM_005923	Hs.648075
213373_s_at	CASP8	3.45	5.46	0.63	1.58	caspase 8, apoptosis-related cysteine peptidase; synonyms: CAP4, MACH, MCH5, FLICE, ALPS2B, MGC78473; isoform B precursor is encoded by transcript variant B; caspase 8, apoptosis-related cysteine protease; Mch5 isoform alpha; FADD-homologous ICE/CED-3-lik	BF439983	Hs.655983
232036_at	KLC1	3.45	4.78	0.72	1.38	kinesin light chain 1; synonyms: KLC, KNS2, KNS2A, MGC15245; isoform 2 is encoded by transcript variant 2; kinesin 2 (60-70kD); kinesin 2 60/70kDa; medulloblastoma antigen MU-MB-2.50; Homo sapiens kinesin light chain 1 (KLC1), transcript variant 2, mRNA.	AK024714	Hs.20107
223019_at	FAM129B	3.45	4.56	0.76	1.32	family with sequence similarity 129, member B	BC001979	Hs.522401
242663_at	LOC148189	3.45	3.11	1.11	0.90	CDNA FLJ12237 fis, clone MAMMA1001249	AA115127	Hs.565253
218700_s_at	RAB7L1	3.44	3.91	0.88	1.14	RAB7, member RAS oncogene family-like 1	BC002585	Hs.115325
226060_at	RFT1	3.44	4.01	0.86	1.17	RFT1 homolog (<i>S. cerevisiae</i>)	BF475369	Hs.631910
223666_at	SNX5	3.44	3.11	1.11	0.90	sorting nexin 5; synonym: FLJ10931; Homo sapiens sorting nexin 5 (SNX5), transcript variant 1, mRNA.	BC002724	Hs.316890

(Table S1) contd....

Probe ID	Gene Symbol	AM3	LM6	AM3/LM6	LM6/AM3	Description	Genbank	UniGene
213878_at	LOC642732	3.44	3.94	0.87	1.15	RecQ protein-like (DNA helicase Q1-like); synonyms: RecQ1, RECQL1; isoform 1 is encoded by transcript variant 2; ATP-dependent DNA helicase Q1; Homo sapiens RecQ protein-like (DNA helicase Q1-like) (RECQL), transcript variant 2, mRNA.	AI685944	Hs.503756
215966_x_at	GK3P	3.44	3.54	0.97	1.03	glycerol kinase; synonyms: GK1, GKD; isoform a is encoded by transcript variant 1; Homo sapiens glycerol kinase (GK), transcript variant 1, mRNA.	AA292874	Hs.654557
219294_at	CENPQ	3.43	4.30	0.80	1.25	centromere protein Q	NM_018132	Hs.88663
219970_at	GIPC2	3.43	14.50	0.24	4.23	GIPC PDZ domain containing family, member 2	NM_017655	Hs.659356
228300_at	CCDC103	3.43	3.50	0.98	1.02	coiled-coil domain containing 103	AK023156	Hs.514222
228063_s_at	NAP1L5	3.43	9.36	0.37	2.73	nucleosome assembly protein 1-like 5	AW025330	Hs.12554
211456_x_at	MT1P2	3.43	4.78	0.72	1.39	ribosomal protein L35	AF333388	Hs.632513
226942_at	PHF20L1	3.43	3.78	0.91	1.10	PHD finger protein 20-like 1; synonyms: CGI-72, MGC64923; isoform 1 is encoded by transcript variant 2; Homo sapiens PHD finger protein 20-like 1 (PHF20L1), transcript variant 2, mRNA.; isoform 2 is encoded by transcript variant 3; Homo sapiens PHD finger	AI742668	Hs.304362
219596_at	THAP10	3.42	3.83	0.89	1.12	THAP domain containing 10	NM_020147	Hs.591123
202369_s_at	TRAM2	3.42	5.08	0.67	1.49	translocation associated membrane protein 2	NM_012288	Hs.520182
224331_s_at	MRPL36	3.42	5.59	0.61	1.63	mitochondrial ribosomal protein L36	AB049654	Hs.32196
214211_at	FTH1	3.42	4.09	0.84	1.20	ferritin, heavy polypeptide 1	AA083483	Hs.524910
212746_s_at	CEP170	3.41	4.62	0.74	1.35	centrosomal protein 170kDa	AA126789	Hs.533635
221685_s_at	CCDC99	3.41	3.34	1.02	0.98	coiled-coil domain containing 99	AF269167	Hs.368710
239768_x_at	GPATCH2	3.41	3.66	0.93	1.07	CDNA FLJ41751 fis, clone HSYRA2008154	BF207861	Hs.420757
213757_at	EIF5A	3.40	3.09	1.10	0.91	eukaryotic translation initiation factor 5A	AA393940	Hs.534314
222817_at	HSD3B7	3.40	4.27	0.80	1.26	hydroxy-delta-5-steroid dehydrogenase, 3 beta- and steroid delta-isomerase 7	BC004929	Hs.696372
1556606_at	NAV2	3.40	6.27	0.54	1.85	neuron navigator 2; synonyms: HELAD1, RAINB1, POMFIL2, FLJ10633, FLJ11030, FLJ23707, KIAA1419, STEERIN2; isoform 1 is encoded by transcript variant 1; pore membrane and/or filament interacting like protein 2; retinoic acid inducible gene in neuroblastoma	BU739339	Hs.502116
205398_s_at	SMAD3	3.39	5.92	0.57	1.75	SMAD family member 3	NM_005902	Hs.696294
213790_at	ADAM12	3.39	6.65	0.51	1.96	ADAM metalloproteinase domain 12 (meltrin alpha); synonyms: MCMP, MLTN, MLTNA, MCMPLtna; isoform 2 preproprotein is encoded by transcript variant 2; a disintegrin and metalloproteinase domain 12 (meltrin alpha); Homo sapiens ADAM metalloproteinase domain 1	W46291	Hs.655388
221024_s_at	SLC2A10	3.38	5.51	0.61	1.63	solute carrier family 2 (facilitated glucose transporter), member 10	NM_030777	Hs.305971

(Table S1) contd....

Probe ID	Gene Symbol	AM3	LM6	AM3/LM6	LM6/AM3	Description	Genbank	UniGene
227212_s_at	PHF19	3.38	4.43	0.76	1.31	PHD finger protein 19; synonyms: PCL3, MGC23929, MGC131698, MGC149712, MGC149713; isoform a is encoded by transcript variant 1; polycomb like 3; polycomb-like 3; Homo sapiens PHD finger protein 19 (PHF19), transcript variant 1, mRNA.	BE544837	Hs.460124
214830_at	SLC38A6	3.38	4.85	0.70	1.44	solute carrier family 38, member 6	AI537540	Hs.200738
209239_at	NFKB1	3.38	3.56	0.95	1.05	nuclear factor of kappa light polypeptide gene enhancer in B-cells 1 (p105)	M55643	Hs.654408
236649_at	DTWD1	3.38	3.16	1.07	0.93	DTW domain containing 1	AA907927	Hs.127432
231705_at	HRSP12	3.38	3.49	0.97	1.03	heat-responsive protein 12	AV654263	Hs.18426
202484_s_at	MBD2	3.37	3.63	0.93	1.08	methyl-CpG binding domain protein 2; synonyms: DMTase, NY-CO-41, DKFZp58600821; testis-specific isoform is encoded by transcript variant testis-specific; Homo sapiens methyl-CpG binding domain protein 2 (MBD2), transcript variant testis-specific, mRNA.	AF072242	Hs.25674
210415_s_at	ODF2	3.37	3.58	0.94	1.06	outer dense fiber of sperm tails 2; synonyms: ODF84, ODF2/1, ODF2/2, MGC9034, FLJ44866, MGC111096; isoform 2 is encoded by transcript variant 2; outer dense fiber of sperm tails, 84-kD; cenexin 1; outer dense fibre of sperm tails 2; sperm tail structural	AF053970	Hs.129055
212992_at	AHNAK2	3.37	6.27	0.54	1.86	AHNAK nucleoprotein 2	AI935123	Hs.441783
203088_at	FBLN5	3.37	8.74	0.39	2.59	fibulin 5	NM_006329	Hs.332708
204251_s_at	CEP164	3.37	3.02	1.11	0.90	centrosomal protein 164kDa	NM_014956	Hs.504009
221514_at	UTP14A	3.36	4.12	0.82	1.23	UTP14, U3 small nucleolar ribonucleoprotein, homolog A (yeast)	BC001149	Hs.458598
225252_at	SRXN1	3.36	3.77	0.89	1.12	sulfiredoxin 1 homolog (S. cerevisiae)	AL121758	Hs.516830
223261_at	POLK	3.36	3.21	1.04	0.96	polymerase (DNA directed) kappa	AF194973	Hs.135756
203196_at	ABCC4	3.34	4.80	0.70	1.44	ATP-binding cassette, sub-family C (CFTR/MRP), member 4	AI948503	Hs.508423
226117_at	TIFA	3.33	4.16	0.80	1.25	TRAF-interacting protein with a forkhead-associated domain	AA195074	Hs.310640
229743_at	ZNF438	3.33	3.21	1.04	0.96	zinc finger protein 438	AI886666	Hs.660642
233852_at	POLH	3.33	5.21	0.64	1.56	polymerase (DNA directed), eta	AK025631	Hs.655467
207624_s_at	RPGR	3.33	3.66	0.91	1.10	retinitis pigmentosa GTPase regulator	NM_000328	Hs.61438
224783_at	FAM100B	3.33	3.15	1.06	0.95	family with sequence similarity 100, member B	AA831661	Hs.644033
219933_at	GLRX2	3.33	4.32	0.77	1.30	glutaredoxin 2; synonyms: GRX2, bA101E13.1; isoform 2 is encoded by transcript variant 2; bA101E13.1 (GRX2 glutaredoxin (thioltransferase) 2); Homo sapiens glutaredoxin 2 (GLRX2), transcript variant 2, mRNA.	NM_016066	Hs.458283
202375_at	SEC24D	3.32	4.28	0.78	1.29	SEC24 related gene family, member D (S. cerevisiae)	NM_014822	Hs.189641
201858_s_at	SRGN	3.32	10.39	0.32	3.13	serglycin	J03223	Hs.1908

(Table S1) contd....

Probe ID	Gene Symbol	AM3	LM6	AM3/LM6	LM6/AM3	Description	Genbank	UniGene
206315_at	CRLF1	3.31	3.67	0.90	1.11	cytokine receptor-like factor 1	NM_004750	Hs.114948
212330_at	TFDP1	3.31	3.78	0.88	1.14	transcription factor Dp-1	R60866	Hs.79353
215809_at	CYP2D6	3.31	3.11	1.06	0.94	cytochrome P450, family 2, subfamily D, polypeptide 6; synonyms: CPD6, CYP2D, CYP2D@, CYP2DL1, P450C2D, P450-DB1, MGC120389, MGC120390; isoform 2 is encoded by transcript variant 2; debrisoquine 4-hydroxylase; microsomal monooxygenase; xenobiotic monooxyg	X16866	Hs.648256
1552631_a_at	MAP3K6	3.30	3.28	1.00	1.00	mitogen-activated protein kinase kinase kinase 6	NM_145319	Hs.194694
205775_at	FAM50B	3.30	4.36	0.76	1.32	family with sequence similarity 50, member B	NM_012135	Hs.140944
205084_at	BCAP29	3.29	3.61	0.91	1.10	B-cell receptor-associated protein 29; synonyms: BAP29, DKFZp686M2086; isoform c is encoded by transcript variant 3; B-cell receptor-associated protein BAP29; Homo sapiens B-cell receptor-associated protein 29 (BCAP29), transcript variant 3, mRNA.; isoform	NM_018844	Hs.303787
235675_at	DHFRL1	3.29	3.24	1.01	0.99	dihydrofolate reductase-like 1	AW104373	Hs.448003
219025_at	CD248	3.28	4.47	0.73	1.36	CD248 molecule, endosialin	NM_020404	Hs.195727
205566_at	ABHD2	3.28	5.06	0.65	1.54	abhydrolase domain containing 2; synonyms: HS1-2, LABH2, PHPS1-2, MGC26249, MGC111112; lung alpha/beta hydrolase 2; Homo sapiens abhydrolase domain containing 2 (ABHD2), transcript variant 2, mRNA.	NM_007011	Hs.122337
1564658_at	C7orf52	3.28	3.30	0.99	1.01	FLJ39237 protein	BC037583	Hs.213044
236313_at	CDKN2B	3.26	14.01	0.23	4.29	cyclin-dependent kinase inhibitor 2B (p15, inhibits CDK4); synonyms: P15, MTS2, TP15, INK4B; isoform 2 is encoded by transcript variant 2; p15 CDK inhibitor; cyclin-dependent kinases 4 and 6 binding protein; multiple tumor suppressor 2; p14_CDK inhibitor;	AW444761	Hs.72901
207618_s_at	BCS1L	3.26	4.33	0.75	1.33	BCS1-like (yeast)	NM_004328	Hs.471401
220761_s_at	TAOK3	3.25	4.38	0.74	1.35	TAO kinase 3	NM_016281	Hs.644420
223800_s_at	LIMS3	3.25	7.93	0.41	2.44	LIM and senescent cell antigen-like domains 3	AF288404	Hs.535619
205567_at	CHST1	3.25	5.13	0.63	1.58	carbohydrate (keratan sulfate Gal-6) sulfotransferase 1	NM_003654	Hs.104576
222437_s_at	VPS24	3.25	4.11	0.79	1.27	vacuolar protein sorting 24 homolog (S. cerevisiae); synonyms: NEDF, CHMP3, CGI-149; isoform 1 is encoded by transcript variant 1; neuroendocrine differentiation factor; Homo sapiens vacuolar protein sorting 24 homolog (S. cerevisiae) (VPS24), transcript	BC004419	Hs.591582
231899_at	ZC3H12C	3.24	3.99	0.81	1.23	zinc finger CCCH-type containing 12C	AB051513	Hs.376289
219332_at	MICALL2	3.24	5.17	0.63	1.59	MICAL-like 2; synonyms: JRAB, FLJ23471, FLJ44858, MGC46023, MICAL-L2; isoform 1 is encoded by transcript variant 1; junctional Rab13-binding protein; Homo sapiens MICAL-like 2 (MICALL2), transcript variant 1, mRNA.	NM_024723	Hs.376617

(Table S1) contd....

Probe ID	Gene Symbol	AM3	LM6	AM3/LM6	LM6/AM3	Description	Genbank	UniGene
204204_at	SLC31A2	3.24	5.06	0.64	1.56	solute carrier family 31 (copper transporters), member 2	NM_001860	Hs.24030
201872_s_at	ABCE1 /// LOC647150	3.24	3.24	1.00	1.00	ATP-binding cassette, sub-family E (OABP), member 1	AI002002	Hs.571791
201666_at	TIMP1	3.23	4.62	0.70	1.43	TIMP metalloproteinase inhibitor 1	NM_003254	Hs.522632
227998_at	S100A16	3.23	3.50	0.92	1.08	S100 calcium binding protein A16	AA045184	Hs.515714
205379_at	CBR3	3.23	3.25	1.00	1.00	carbonyl reductase 3	NM_001236	Hs.154510
227249_at	NDE1	3.23	3.65	0.89	1.13	myosin, heavy chain 11, smooth muscle; synonyms: AAT4, FAA4, SMHC, SMMHC, FLJ35232, MGC32963, MGC126726, DKFZp686D10126, DKFZp686D19237; isoform SM2A is encoded by transcript variant SM2A; myosin, heavy polypeptide 11, smooth muscle; Homo sapiens myosin,	AI857685	Hs.655378
232020_at	SMURF2	3.23	3.18	1.01	0.99	SMAD specific E3 ubiquitin protein ligase 2	AU157259	Hs.515011
210187_at	FKBP1A	3.23	4.35	0.74	1.35	FK506 binding protein 1A, 12kDa; synonyms: FKBP1, PKC12, PKC12, FKBP12, PPIASE, FKBP-12, FKBP12C; FK506-binding protein 1A (12kD); FK506 binding protein 1A (12kD); FK506-binding protein, T-cell, 12-kD; protein kinase C inhibitor 2; peptidyl-prolyl cis-tra	BC005147	Hs.471933
205273_s_at	PITRM1	3.22	3.72	0.87	1.15	pitrilysin metalloproteinase 1	NM_014968	Hs.528300
231823_s_at	SH3PXD2B	3.22	3.33	0.97	1.03	SH3 and PX domains 2B	BG054798	Hs.285666
209902_at	ATR	3.22	4.37	0.74	1.36	ataxia telangiectasia and Rad3 related	U49844	Hs.271791
211502_s_at	PFTK1	3.22	7.36	0.44	2.29	PFTAIRE protein kinase 1	AF119833	Hs.430742
209684_at	RIN2	3.22	4.90	0.66	1.52	Ras and Rab interactor 2	AL136924	Hs.472270
209094_at	DDAH1	3.22	4.40	0.73	1.37	dimethylarginine dimethylaminohydrolase 1	AL078459	Hs.379858
203504_s_at	ABCA1	3.21	4.49	0.72	1.40	ATP-binding cassette, sub-family A (ABC1), member 1	NM_005502	Hs.429294
204421_s_at	FGF2	3.21	3.18	1.01	0.99	fibroblast growth factor 2 (basic)	M27968	Hs.284244
207173_x_at	CDH11	3.21	3.74	0.86	1.16	cadherin 11, type 2, OB-cadherin (osteoblast)	D21254	Hs.116471
203686_at	MPG	3.21	3.55	0.90	1.11	N-methylpurine-DNA glycosylase; synonyms: AAG, MDG, APNG, Mid1, anpg, PIG11, PIG16, CRA36.1; isoform c is encoded by transcript variant 3; alkyladenine DNA glycosylase; N-methylpurine-DNA glycosylase, MPG; 3' end of the Mid1 gene, localized 68 kb upstream	NM_002434	Hs.459596
212563_at	BOPI	3.20	3.36	0.95	1.05	block of proliferation 1	BG491842	Hs.535901
231926_at	EPS15L1	3.19	5.13	0.62	1.61	epidermal growth factor receptor pathway substrate 15-like 1	AK023744	Hs.654639
238679_at	MESDC2	3.18	3.11	1.02	0.98	mesoderm development candidate 2	AI582909	Hs.578450
1553111_a_at	KBTBD6	3.18	3.23	0.98	1.02	kelch repeat and BTB (POZ) domain containing 6	NM_152903	Hs.534040
1558404_at	LOC644242	3.17	4.06	0.78	1.28	Homo sapiens, clone IMAGE:4403366	BC015390	Hs.515383
207044_at	THRB	3.17	3.43	0.93	1.08	thyroid hormone receptor, beta (erythroblastic leukemia viral (v-erb-a) oncogene homolog 2, avian)	NM_000461	Hs.187861

(Table S1) contd....

Probe ID	Gene Symbol	AM3	LM6	AM3/LM6	LM6/AM3	Description	Genbank	UniGene
224736_at	CCAR1	3.17	3.05	1.04	0.96	cell division cycle and apoptosis regulator 1	BE617899	Hs.49853
235114_x_at	HOOK3	3.17	3.32	0.95	1.05	hook homolog 3 (Drosophila)	N67300	Hs.162852
201745_at	TWF1	3.17	3.77	0.84	1.19	twinfilin, actin-binding protein, homolog 1 (Drosophila)	NM_002822	Hs.189075
204556_s_at	DZIP1	3.17	4.18	0.76	1.32	DAZ interacting protein 1; synonyms: DZIP, DZIPT1, KIAA0996, RP11-23E3.3; isoform 2 is encoded by transcript variant 2; zinc finger DAZ interacting protein 1; zinc-finger protein DZIPT1; DAZ interacting protein testis 1; Homo sapiens DAZ interacting protei	AL568422	Hs.656580
204541_at	SEC14L2	3.17	7.84	0.40	2.47	SEC14-like 2 (S. cerevisiae)	NM_012429	Hs.335614
225973_at	TAP2	3.17	4.62	0.69	1.46	transporter 2, ATP-binding cassette, sub-family B (MDR/TAP); synonyms: APT2, PSF2, ABC18, ABCB3, RING11, D6S217E; isoform 2 is encoded by transcript variant 2; antigen peptide transporter 2; peptide supply factor 2; peptide transporter PSF2; ABC transport	AA573502	Hs.502
201631_s_at	IER3	3.17	3.29	0.96	1.04	immediate early response 3	NM_003897	Hs.591785
219188_s_at	MACROD1	3.16	3.55	0.89	1.12	LRP16 protein	NM_014067	Hs.602898
233936_s_at	GGNBP2	3.16	3.65	0.87	1.15	zinc finger protein 403	AK024883	Hs.514116
224666_at	NSMCE1	3.16	3.87	0.82	1.23	non-SMC element 1 homolog (S. cerevisiae)	AF161451	Hs.284295
230490_x_at	RSU1	3.15	3.81	0.83	1.21	Ras suppressor protein 1; synonyms: RSP-1, FLJ31034; isoform 2 is encoded by transcript variant 2; Homo sapiens Ras suppressor protein 1 (RSU1), transcript variant 2, mRNA.	AI866717	Hs.524161
33307_at	CTA-126B4.3	3.15	3.55	0.89	1.13	CGI-96 protein	AL022316	Hs.534041
235610_at	ALKBH8	3.14	4.12	0.76	1.31	alkB, alkylation repair homolog 8 (E. coli)	AI590659	Hs.503763
230763_at	SPATA17	3.14	4.30	0.73	1.37	spermatogenesis associated 17	AA905508	Hs.171130
228355_s_at	NDUFA12L	3.14	4.08	0.77	1.30	NDUFA12-like	AI110585	Hs.591757
224335_s_at	BACE1	3.13	3.12	1.00	1.00	beta-site APP-cleaving enzyme 1; synonyms: ASP2, BACE, HSPC104, FLJ90568, KIAA1149; isoform C preproprotein is encoded by transcript variant c; beta-site amyloid beta A4 precursor protein-cleaving enzyme; APP beta-secretase; aspartyl protease 2; beta-site	AB050436	Hs.504003
208561_at	ABCC9	3.12	4.54	0.69	1.46	ATP-binding cassette, sub-family C (CFTR/MRP), member 9; synonyms: SUR2, ABC37, CMD10, FLJ36852; isoform SUR2B is encoded by transcript variant SUR2B; sulfonylurea receptor 2A; Homo sapiens ATP-binding cassette, sub-family C (CFTR/MRP), member 9 (ABCC9),	NM_020297	Hs.446050
223379_s_at	LATS2	3.11	3.29	0.95	1.06	LATS, large tumor suppressor, homolog 2 (Drosophila)	BF434601	Hs.78960
203270_at	DTYMK	3.11	3.06	1.02	0.98	deoxythymidylate kinase (thymidylate kinase)	NM_012145	Hs.471873
1568609_s_at	FAM91A2	3.11	3.69	0.84	1.19	family with sequence similarity 91, member A2 ; FLJ39739 protein	AL118843	Hs.670106

(Table S1) contd....

Probe ID	Gene Symbol	AM3	LM6	AM3/LM6	LM6/AM3	Description	Genbank	UniGene
218193_s_at	GOLT1B	3.11	5.16	0.60	1.66	golgi transport 1 homolog B (S. cerevisiae)	NM_016072	Hs.62275
205100_at	GFPT2	3.11	4.56	0.68	1.47	glutamine-fructose-6-phosphate transaminase 2	NM_005110	Hs.696497
218254_s_at	SAR1B	3.11	4.31	0.72	1.39	SAR1 gene homolog B (S. cerevisiae); synonyms: CMRD, GTBPB, SARA2; 2310075M17Rik; GTP-binding protein Sara; Homo sapiens SAR1 gene homolog B (S. cerevisiae) (SAR1B), transcript variant 2, mRNA.	NM_016103	Hs.432984
210151_s_at	DYRK3	3.11	4.22	0.74	1.36	dual-specificity tyrosine-(Y)-phosphorylation regulated kinase 3; synonyms: RED, REDK, DYRK5, hYAK3-2; isoform a is encoded by transcript variant 1; regulatory erythroid kinase; dual-specificity tyrosine-(Y)-phosphorylation regulated kinase 5; protein kin	AF186773	Hs.164267
213937_s_at	FTSJ1	3.11	3.45	0.90	1.11	FtsJ homolog 1 (E. coli); synonyms: JM23, MRX9, SPB1, TRM7, CDLIV, MRX44; isoform b is encoded by transcript variant 2; rRNA (uridine-2'-O)-methyltransferase; cell division protein; Homo sapiens FtsJ homolog 1 (E. coli) (FTSJ1), transcript variant 2, mRN	AV723177	Hs.23170
205263_at	BCL10	3.10	4.11	0.75	1.33	B-cell CLL/lymphoma 10	AF082283	Hs.193516
200907_s_at	PALLD	3.10	3.75	0.83	1.21	palladin, cytoskeletal associated protein	AU157932	Hs.151220
202378_s_at	LEPROT	3.10	3.62	0.86	1.17	leptin receptor overlapping transcript	NM_017526	---
224233_s_at	LOC731059	3.10	5.43	0.57	1.75	misato homolog 1 (Drosophila)	BC002535	Hs.656547
200643_at	HDLBP	3.10	4.48	0.69	1.45	high density lipoprotein binding protein (vigilin); synonyms: HBP, VGL, PRO2900, FLJ16432; Homo sapiens high density lipoprotein binding protein (vigilin) (HDLBP), transcript variant 2, mRNA.	NM_005336	Hs.471851
223279_s_at	UACA	3.09	7.43	0.42	2.40	uveal autoantigen with coiled-coil domains and ankyrin repeats; synonyms: NUCLING, FLJ10128, KIAA1561, MGC141967, MGC141969; isoform 1 is encoded by transcript variant 1; nuclear membrane binding protein; uveal autoantigen with coiled coil domains and ank	AF322916	Hs.108049
229218_at	COL1A2	3.09	4.63	0.67	1.50	collagen, type I, alpha 2	AA628535	Hs.489142
226876_at	FAM101B	3.09	3.88	0.80	1.25	family with sequence similarity 101, member B	AI961778	Hs.591203
204319_s_at	RGS10	3.09	4.31	0.72	1.40	regulator of G-protein signalling 10; isoform b is encoded by transcript variant 2; Homo sapiens regulator of G-protein signalling 10 (RGS10), transcript variant 2, mRNA.	NM_002925	Hs.501200
227072_at	RTTN	3.09	3.37	0.91	1.09	rotatin	BG167480	Hs.654809
217808_s_at	MAPKAP1	3.08	3.25	0.95	1.05	mitogen-activated protein kinase associated protein 1; synonyms: MIP1, SIN1, SIN1b, SIN1g, MGC2745; isoform 5 is encoded by transcript variant 6; ras inhibitor MGC2745; stress-activated map kinase interacting protein 1; MEKK2-interacting protein 1; SAPK-i	NM_024117	Hs.495138
219093_at	PID1	3.08	3.70	0.83	1.20	phosphotyrosine interaction domain containing 1	NM_017933	Hs.409352

(Table S1) contd....

Probe ID	Gene Symbol	AM3	LM6	AM3/LM6	LM6/AM3	Description	Genbank	UniGene
203562_at	FEZ1	3.08	3.39	0.91	1.10	fasciculation and elongation protein zeta 1 (zygin I); isoform 2 is encoded by transcript variant 2; Homo sapiens fasciculation and elongation protein zeta 1 (zygin I) (FEZ1), transcript variant 2, mRNA.	NM_005103	Hs.224008
235809_at	LIN54	3.08	3.05	1.01	0.99	lin-54 homolog (C. elegans)	BF678497	Hs.96952
217299_s_at	NBN	3.08	3.36	0.92	1.09	nibrin; synonyms: ATV, NBS, NBS1, AT-V1, AT-V2, FLJ10155, MGC87362; isoform 1 is encoded by transcript variant 1; Nijmegen breakage syndrome 1 (nibrin); p95 protein of the MRE11/RAD50 complex; Homo sapiens nibrin (NBN), transcript variant 1, mRNA.	AK001017	Hs.492208
220256_s_at	OXCT2	3.08	3.20	0.96	1.04	3-oxoacid CoA transferase 2	NM_022120	Hs.472491
213170_at	GPX7	3.07	5.79	0.53	1.89	glutathione peroxidase 7	AA406605	Hs.43728
211742_s_at	EVI2B	3.07	4.71	0.65	1.53	ecotropic viral integration site 2B	BC005926	Hs.5509
236453_at	LOC441440	3.07	5.51	0.56	1.80	similar to 60S ribosomal protein L7a (Surfeit locus protein 3) (PLA-X polypeptide)	AW243154	Hs.651032
213421_x_at	PRSS3	3.07	5.27	0.58	1.72	protease, serine, 3 (mesotrypsin)	AW007273	Hs.654513
1554690_a_at	TACC1	3.07	3.74	0.82	1.22	transforming, acidic coiled-coil containing protein 1	BC041391	Hs.279245
222669_s_at	SBDS	3.06	4.22	0.73	1.38	Shwachman-Bodian-Diamond syndrome	AK001779	Hs.110445
235478_at	DCLRE1C	3.06	3.70	0.83	1.21	DNA cross-link repair 1C (PSO2 homolog, S. cerevisiae); synonyms: SCIDA, SNM1C, A-SCID, RS-SCID, DCLREC1C, FLJ11360, FLJ36438; isoform d is encoded by transcript variant d; severe combined immunodeficiency, type a (Athabaskan); Homo sapiens DNA cross-link	T79927	Hs.656065
225164_s_at	EIF2AK4	3.05	3.10	0.99	1.02	eukaryotic translation initiation factor 2 alpha kinase 4	AB037759	Hs.656673
209160_at	AKR1C3	3.05	4.17	0.73	1.37	aldo-keto reductase family 1, member C3 (3-alpha hydroxysteroid dehydrogenase, type II)	AB018580	Hs.78183
209206_at	SEC22B	3.05	7.07	0.43	2.32	SEC22 vesicle trafficking protein homolog B (S. cerevisiae)	AV701283	Hs.696469
203827_at	WIPI1	3.05	3.37	0.90	1.11	WD repeat domain, phosphoinositide interacting 1	NM_017983	Hs.463964
218218_at	APPL2	3.05	3.30	0.92	1.08	adaptor protein, phosphotyrosine interaction, PH domain and leucine zipper containing 2	NM_018171	Hs.506603
205279_s_at	GLRB	3.05	4.18	0.73	1.37	glycine receptor, beta	AF094754	Hs.32973
202870_s_at	CDC20	3.04	3.03	1.01	0.99	cell division cycle 20 homolog (S. cerevisiae)	NM_001255	Hs.524947
209780_at	PHTF2	3.04	4.25	0.71	1.40	putative homeodomain transcription factor 2	AL136883	Hs.203965
214694_at	LOC729143	3.04	3.00	1.01	0.99	myosin phosphatase-Rho interacting protein; synonyms: RHOIP3, p116Rip, KIAA0864; isoform 2 is encoded by transcript variant 2; Rho interacting protein 3; Homo sapiens myosin phosphatase-Rho interacting protein (M-RIP), transcript variant 2, mRNA.	N31673	Hs.646854
217870_s_at	CMPK	3.04	4.48	0.68	1.48	cytidylate kinase	NM_016308	Hs.11463
1554667_s_at	METTL8	3.04	3.27	0.93	1.08	methyltransferase like 8	BC025250	Hs.135146

(Table S1) contd....

Probe ID	Gene Symbol	AM3	LM6	AM3/LM6	LM6/AM3	Description	Genbank	UniGene
208510_s_at	PPARG	3.03	6.67	0.45	2.20	peroxisome proliferator-activated receptor gamma; synonyms: NR1C3, PPARG1, PPARG2; isoform 2 is encoded by transcript variant 2; PPAR gamma; peroxisome proliferator-activated receptor gamma 1; peroxisome proliferative activated receptor, gamma; Homo sapie	NM_015869	Hs.162646
202133_at	WWTR1	3.03	4.46	0.68	1.47	WW domain containing transcription regulator 1	BF674349	Hs.477921
228759_at	CREB3L2	3.03	5.30	0.57	1.75	cAMP responsive element binding protein 3-like 2	BG236289	Hs.490273
222691_at	SLC35B3	3.02	5.70	0.53	1.88	solute carrier family 35, member B3	AL355815	Hs.285847
231149_s_at	ULK4	3.02	3.13	0.96	1.04	unc-51-like kinase 4 (C. elegans)	AI828638	Hs.656192
212248_at	MTDH	3.01	4.81	0.63	1.60	metadherin	AI886796	Hs.377155
218248_at	FAM111A	3.01	3.39	0.89	1.13	family with sequence similarity 111, member A; synonyms: FLJ22794, KIAA1895, DKFZp686A06175; Homo sapiens family with sequence similarity 111, member A (FAM111A), transcript variant 2, mRNA.	NM_022074	Hs.150651
204439_at	IFI44L	3.00	10.30	0.29	3.43	interferon-induced protein 44-like	NM_006820	Hs.389724

Table S2. Expression Levels of 250 miRNAs in AM3 and LM6 Cells

MicroRNAs	AM3	LM6	AM3/LM6	Specificity	Chromosome
hsa-miR-19b	433406.50	269515.70	1.61		13q31.3, Xq26.2
hsa-miR-320	48901.56	23829.83	2.05		8p21.3
hsa-miR-186	17453.68	7862.26	2.22		1p31.1
hsa-miR-199a	4943.80	473.29	10.45		19p13.2
hsa-miR-24	999.06	1407.42	0.71		9q22.32, 19p13.12
hsa-miR-20a	695.43	449.79	1.55		13q31.3
hsa-miR-31	634.22	688.63	0.92		9q21.3
hsa-miR-16	632.81	281.59	2.25		3q25.33, 13q14.2
hsa-miR-125b	341.94	419.63	0.81		11q24.1, 21q21.1
hsa-miR-221	329.37	776.09	0.42		Xp11.3
hsa-miR-146b	275.96	108.26	2.55		10q24.32
hsa-miR-339	246.21	67.88	3.63		6p22.3
hsa-miR-99a	188.03	0.01	30017.15		21q21.1
hsa-miR-92	178.21	166.66	1.07		13q31.3, Xq26.2
hsa-let-7b	165.44	84.03	1.97		22q13.31
hsa-miR-93	145.10	73.98	1.96		7q22.1
hsa-miR-125a	139.38	71.12	1.96		19q13.41
hsa-let-7a	125.68	97.92	1.28		9q22.32, 11q24.1, 22q13.31
hsa-miR-26a	89.85	73.97	1.21		3p22.3, 12q14.1

(Table S2) contd....

MicroRNAs	AM3	LM6	AM3/LM6	Specificity	Chromosome
hsa-miR-191	86.28	74.65	1.16		3p21.31
hsa-miR-21	82.87	99.75	0.83		17q23.2
hsa-miR-146a	79.64	62.91	1.27		5q33.3
hsa-miR-27a	67.42	53.46	1.26		19p13.13-13.12
hsa-miR-29a	60.19	58.90	1.02		7q32.3
hsa-miR-214	49.86	109.61	0.45		1q24.3
hsa-miR-30c	46.60	34.02	1.37		1p34.2, q136
hsa-miR-365	41.19	18.77	2.20		16,17
hsa-miR-19a	40.72	74.24	0.55		13q31.3
hsa-let-7i	40.06	10.58	3.79		12q14.1
hsa-miR-342	30.48	52.20	0.58		14q32.2
hsa-miR-140	28.72	58.88	0.49		16q22.1
hsa-miR-152	28.21	0.01	4503.31		17q21.32
hsa-miR-181d	28.15	41.35	0.68		19p13.12
hsa-let-7g	26.81	3.98	6.74		3p21.12
hsa-miR-376a	24.45	13.28	1.84		14q32.31
hsa-miR-127	23.75	59.46	0.40		14q32.31
hsa-miR-26b	21.36	10.93	1.95		2q35
hsa-miR-106b	20.11	26.32	0.76		7q22.1
hsa-miR-10a	19.18	39.41	0.49		17q21.32
hsa-miR-196b	18.20	5.84	3.12		7p15.2
hsa-miR-195	18.17	6.23	2.92		17p13.1
hsa-miR-181b	18.01	29.99	0.60		1q31.3, 9q33.3
hsa-miR-30b	17.97	16.11	1.12		8q24.22
hsa-miR-130a	15.84	16.13	0.98		11q12.1
hsa-miR-155	15.21	52.53	0.29		21q21.3
hsa-miR-374	15.10	50.86	0.30		Xq13.2
hsa-miR-30a-5p	14.97	17.74	0.84		
hsa-miR-132	14.43	38.54	0.37		17p13.3
hsa-miR-151	14.26	17.60	0.81		8q24.3
hsa-miR-17-5p	13.77	21.23	0.65		
hsa-miR-15b	13.44	7.47	1.80		3q25.33
hsa-miR-99b	12.45	15.98	0.78		19q13.41
hsa-miR-106a	12.28	11.35	1.08		Xq26.2
hsa-let-7c	10.67	6.40	1.67		21q21.1
hsa-miR-30e-3p	10.49	4.12	2.55		1p34.2

(Table S2) contd....

MicroRNAs	AM3	LM6	AM3/LM6	Specificity	Chromosome
hsa-miR-100	9.81	9.40	1.04		11q24.1
hsa-miR-103	9.81	9.40	1.04		5,20
hsa-miR-196a	9.75	12.03	0.81		917q21.32, 12p13.13,8
hsa-miR-130b	9.04	7.69	1.18		22q11.21
hsa-miR-148a	8.65	5.24	1.65		7p15.2
hsa-miR-331	8.57	3.48	2.46		12q22
hsa-miR-30a-3p	8.56	33.55	0.26		6q13
hsa-miR-218	8.49	3.29	2.58		4p15.31, 5q34
hsa-miR-224	8.47	10.99	0.77		Xq28
hsa-miR-296	8.47	10.99	0.77		20q13.32
hsa-miR-134	8.31	52.42	0.16		14q32.31
hsa-let-7f	7.35	3.38	2.17		9q22.32, Xp11.22
hsa-miR-424	7.09	11.51	0.62		Xq26.3
hsa-miR-432	6.14	14.55	0.42		14q32.31
hsa-miR-361	5.76	5.47	1.05		Xq21.2
hsa-miR-22	5.34	4.73	1.13		17p13.3
hsa-miR-28	5.25	7.09	0.74		3q28
hsa-miR-181a	4.19	0.15	27.69		1q31.3, 9q33.3
hsa-miR-29c	4.15	1.86	2.23		1q32.2
hsa-miR-370	3.87	1.57	2.46		14q32.31
hsa-miR-423	3.18	2.88	1.10		17q11.2
hsa-miR-324-3p	3.18	3.61	0.88		17p13.1
hsa-miR-425	3.11	2.17	1.43		3p21.31
hsa-miR-345	3.09	2.08	1.48		14q32.2
hsa-miR-20b	3.05	1.25	2.44		Xq26.2
hsa-miR-25	3.03	1.64	1.85		7q22.1
hsa-miR-145	2.98	3.30	0.90		5q22
hsa-miR-433	2.59	1.73	1.50		14q32.31
hsa-miR-222	2.54	3.89	0.65		Xp11.3
hsa-miR-27b	2.30	2.53	0.91		9q22.32
hsa-miR-29b	2.11	2.29	0.92		1q32.2, 7q32.3
hsa-miR-101	2.08	1.48	1.41		1p31.3, 8q24.1
hsa-miR-422b	2.03	1.09	1.86		
hsa-miR-324-5p	1.99	1.26	1.58		
hsa-miR-10b	1.98	5.69	0.35		2q31.1
hsa-miR-212	1.98	12.95	0.15		17p13.3

(Table S2) contd....

MicroRNAs	AM3	LM6	AM3/LM6	Specificity	Chromosome
hsa-miR-149	1.94	3.32	0.59		2q37.3
hsa-miR-382	1.85	2.12	0.87		14q32.31
hsa-miR-299-5p	1.72	3.03	0.57		
hsa-miR-452	1.63	0.64	2.55		Xq28
hsa-let-7d	1.63	1.31	1.24		9q22.32
hsa-miR-34a	1.57	2.55	0.62		1p36.23-p36.22
hsa-miR-15a	1.54	1.97	0.78		13q14.2
hsa-miR-505	1.54	0.96	1.61		Xq27.1
hsa-miR-30d	1.54	2.85	0.54		8q24.22
hsa-miR-199b	1.50	1.18	1.27		9q33.3
hsa-miR-379	1.36	2.80	0.48		14q32.31
hsa-miR-378	1.32	0.83	1.60		5q22
hsa-miR-193a	1.30	1.83	0.71		17q11.2
hsa-miR-338	1.00	0.65	1.54		17q25.3
hsa-miR-18a	0.99	0.67	1.49		13q31.3
hsa-miR-301	0.97	0.74	1.31		17q23.2
hsa-miR-491	0.86	1.19	0.72		8q21.3
hsa-let-7e	0.77	0.02	31.57		19q13.41
hsa-miR-137	0.74	2.45	0.30		1p21.3
hsa-miR-32	0.74	0.34	2.16		9q31.3
hsa-miR-485-5p	0.71	1.57	0.45		
hsa-miR-23a	0.60	0.94	0.64		19p13.12
hsa-miR-494	0.60	0.82	0.73		14q32.31
hsa-miR-192	0.56	0.59	0.95		11q13.1
hsa-miR-193b	0.55	0.16	3.34		16p13.12
hsa-miR-23b	0.52	0.38	1.38		9q22.32
hsa-miR-148b	0.52	0.46	1.14		12p13.13
hsa-miR-328	0.49	0.34	1.44		16q22.1
hsa-miR-323	0.44	1.27	0.35		14q32.31
hsa-miR-34c	0.40	0.32	1.25		11q23.1
hsa-miR-98	0.38	0.10	3.61		Xp11.22
hsa-miR-210	0.37	0.78	0.48		11p15.5
hsa-miR-213	0.35	0.37	0.94		
hsa-miR-107	0.35	0.28	1.23		10q23.31
hsa-miR-194	0.28	0.07	4.19		1q41, 11q13.1
hsa-miR-497	0.27	0.14	1.96		17p13.1

(Table S2) contd....

MicroRNAs	AM3	LM6	AM3/LM6	Specificity	Chromosome
hsa-miR-340	0.26	0.45	0.59		5q35.3
hsa-miR-381	0.23	0.46	0.49		14q32.31
hsa-miR-500	0.22	0.00	61.65		Xp11.22
hsa-miR-17-3p	0.21	0.02	12.03		13q31.3
hsa-miR-502	0.20	0.09	2.23		Xp11.22
hsa-miR-501	0.19	0.30	0.63		Xp11.22
hsa-miR-197	0.17	0.15	1.14		1p13.3
hsa-miR-143	0.17	0.30	0.57		5q22
hsa-miR-346	0.17	0.13	1.27		10q23.2
hsa-miR-142-3p	0.16	1.66	0.10		17q23.2
hsa-miR-409-5p	0.16	0.08	1.88		
hsa-miR-489	0.16	0.02	7.24		7q21.3
hsa-miR-7	0.16	0.11	1.44		9q21.33, 15q26.1, 19p13.3
hsa-miR-204	0.14	0.23	0.59		9q21.13
hsa-miR-369-5p	0.14	0.37	0.37		
hsa-miR-135b	0.13	0.04	3.13		1q32.1
hsa-miR-181c	0.13	0.03	4.24		19p13.12
hsa-miR-126#	0.12	0.21	0.59		
hsa-miR-330	0.11	0.02	4.98		19p13.32
hsa-miR-422a	0.10	0.11	0.93		15q21.2
hsa-miR-188	0.08	0.08	0.98		Xp11.22
hsa-miR-124a	0.08	0.01	12.89		8p23.1, 8q22.2, 20q13.33
hsa-miR-190	0.08	0.16	0.46		15q21.3
hsa-miR-369-3p	0.07	0.08	0.97		14q32.31
hsa-miR-449	0.07	0.03	2.05		5q11.2
hsa-miR-450	0.06	0.14	0.46		Xq26.3
hsa-miR-206	0.06	0.01	11.18		6p12.2
hsa-miR-34b	0.05	0.08	0.61		11q23.1
hsa-miR-380-3p	0.04	0.03	1.26		14q32.31
hsa-miR-30e-5p	0.04	0.02	2.52		
hsa-miR-154	0.04	0.12	0.33		14q32.31
hsa-miR-335	0.03	0.03	1.15		7q32.2
hsa-miR-182	0.02	0.02	0.89		7q32.2
hsa-miR-183	0.02	0.02	0.89		7q32.2
hsa-miR-203	0.02	0.03	0.64		14q32.33
hsa-miR-205	0.02	0.02	0.89		1q32.2

(Table S2) contd....

MicroRNAs	AM3	LM6	AM3/LM6	Specificity	Chromosome
hsa-miR-219	0.02	0.02	0.89		6p21.32, 9q33.3
hsa-miR-220	0.02	0.02	0.89		Xq25
hsa-miR-135a	0.02	0.01	3.24		3p21.1, 12q23.1
hsa-miR-216	0.01	0.02	0.92		2p16.1
hsa-miR-200a#	0.01	0.01	2.35		
hsa-miR-9	0.01	0.03	0.43		1q23.1, 5q14.3, 15q26.1
hsa-miR-150	0.01	0.02	0.81		19p13.33
hsa-miR-215	0.01	0.04	0.21		1q41
hsa-miR-325	0.01	0.01	0.50		Xq21.1
hsa-miR-326	0.01	0.01	0.50		11q13.4
hsa-miR-451	0.00	0.00	2.01		17q11.2
hsa-miR-139	0.00	0.01	0.37		11q13.4
hsa-miR-184	0.00	0.01	0.31		15q25.1
hsa-miR-496	0.00	0.13	0.02		14q32.31
hsa-miR-208	0.00	0.01	0.36		14q11.2
hsa-miR-147	0.00	0.01	0.33		9q33.2
hsa-miR-511	0.00	0.01	0.34		10p12.33
hsa-miR-490	0.00	0.00	0.69		7q33
hsa-miR-202#	0.00	0.01	0.33		
hsa-miR-429	0.00	0.01	0.33		1p36.33
hsa-miR-512-5p	0.00	0.01	0.33		19q13.42
hsa-miR-129	0.00	0.01	0.24		7q32.1, 11p11.2
hsa-miR-141	0.00	0.01	0.24		12p13.31
hsa-miR-95	0.00	0.01	0.24		4p16.1
hsa-miR-96	0.00	0.01	0.24		7q32.2
hsa-miR-217	0.00	0.00	0.83		2p16.1
hsa-miR-383	0.00	0.00	0.58		8p22
hsa-miR-128a	0.00	0.00	0.38		2q21.3
hsa-miR-128b	0.00	0.00	0.38		3p22.3
hsa-miR-138	0.00	0.00	0.38		3p21.33, 16q
hsa-miR-153	0.00	0.00	0.48		2q35, 7q36.3
hsa-miR-187	0.00	0.00	0.48		18q12.2
hsa-miR-211	0.00	0.02	0.08		15q13.3
hsa-miR-33	0.00	0.01	0.18		22q13.2
hsa-miR-142-5p	0.00	0.17	0.01		
hsa-miR-198	0.00	0.00	0.39		3q13.33

(Table S2) contd....

MicroRNAs	AM3	LM6	AM3/LM6	Specificity	Chromosome
hsa-miR-337	0.00	0.00	0.26		14q32.31
hsa-miR-223	0.00	0.00	0.34		Xq12
hsa-miR-200c	0.36	0.22	1.61	hES	12p13.31
hsa-miR-302a#	0.01	0.01	0.50	hES	4q25
hsa-miR-302b#	0.01	0.01	0.50	hES	4q25
hsa-miR-302c#	0.02	0.02	0.89	hES	4q25
hsa-miR-302d	0.12	0.05	2.42	hES	4q25
hsa-miR-367	0.01	0.01	0.50	hES	4q25
hsa-miR-368	0.01	0.01	0.91	hES	14q32.31
hsa-miR-371	0.02	0.02	0.89	hES	19q13.42
hsa-miR-372	0.00	0.01	0.29	hES	19q13.42
hsa-miR-373#	0.00	0.00	0.63	hES	19q13.42
hsa-miR-122a	0.00	0.01	0.24	Liver	18q21.31
hsa-miR-1	0.00	0.00	0.44	Muscle	18q11.2, 20q13.33
hsa-miR-133a	0.00	0.01	0.24	Muscle	18q11.2, 20q13.33
hsa-miR-133b	0.01	0.01	1.77	Muscle	6p12.2
hsa-miR-375	0.07	0.18	0.37	Pancreas	2q35
hsa-miR-515-3p	0.02	0.07	0.22	Placenta	19q13.42
hsa-miR-515-5p	0.00	0.00	0.41	Placenta	19q13.42
hsa-miR-516-3p	0.04	0.05	0.87	Placenta	19q13.42
hsa-miR-517a	0.00	0.00	1.60	Placenta	19q13.42
hsa-miR-517b	0.00	0.00	0.83	Placenta	19q13.42
hsa-miR-517c	0.00	0.00	0.51	Placenta	19q13.42
hsa-miR-518a	0.00	0.00	0.44	Placenta	19q13.42
hsa-miR-518b	0.00	0.00	0.44	Placenta	19q13.42
hsa-miR-518c	0.00	0.01	0.33	Placenta	19q13.42
hsa-miR-518d	0.00	0.01	0.33	Placenta	19q13.42
hsa-miR-518e	0.03	0.01	4.00	Placenta	19q13.42
hsa-miR-519b	0.00	0.00	0.42	Placenta	19q13.42
hsa-miR-519c	0.00	0.00	0.48	Placenta	19q13.42
hsa-miR-519d	0.00	0.00	0.42	Placenta	19q13.42
hsa-miR-519e	0.00	0.00	0.83	Placenta	19q13.42
hsa-miR-520a	0.00	0.00	2.01	Placenta	19q13.42
hsa-miR-520b	0.00	0.00	1.61	Placenta	19q13.42
hsa-miR-520c	0.00	0.00	0.60	Placenta	19q13.42
hsa-miR-520d	0.00	0.00	0.44	Placenta	19q13.42

(Table S2) contd....

MicroRNAs	AM3	LM6	AM3/LM6	Specificity	Chromosome
hsa-miR-520e	0.00	0.00	0.44	Placenta	19q13.42
hsa-miR-520f	0.00	0.01	0.33	Placenta	19q13.42
hsa-miR-520g	0.00	0.01	0.33	Placenta	19q13.42
hsa-miR-520h	0.00	0.01	0.33	Placenta	19q13.42
hsa-miR-521	0.02	0.00	5.86	Placenta	19q13.42
hsa-miR-522	0.00	0.00	0.42	Placenta	19q13.42
hsa-miR-523	0.00	0.00	0.42	Placenta	19q13.42
hsa-miR-526a	0.00	0.00	0.83	Placenta	19q13.42
hsa-miR-526b	0.00	0.00	0.83	Placenta	19q13.42
hsa-miR-506	0.00	0.00	0.83	Testis	Xq27.3
hsa-miR-508	0.00	0.00	0.44	Testis	Xq27.3
hsa-miR-509	0.04	0.01	6.36	Testis	Xq27.3
hsa-miR-510	0.00	0.00	0.44	Testis	Xq27.3
hsa-miR-513	0.00	0.01	0.33	Testis	Xq27.3
hsa-miR-514	0.00	0.00	0.42	Testis	Xq27.3