

Accession	Unigene	Symbol	Entrez Definition	Sample				Mean MS	p-value
				MS-1	MS-2	MS-3	MS-4		
Adhesion / matrix									
None									
Cell cycle / growth / apoptosis									
X78342	Hs.77313	CDK10	PISSLRE (cyclin-dependent kinase 10) mRNA	13.6	1.0	3.0	3.6	5.3	0.08
M62403	Hs.1516	IGFBP4	Insulin-like growth factor binding protein 4 (IGFBP4) mRNA	4.2	6.1	3.6	4.4	4.6	0.000061
J04164	Hs.146360	IFI17	Interferon-inducible protein 27-Sep mRNA	6.0	6.5	2.1	1.9	4.1	0.000712
M80563	Hs.81256	S100A4	CAPL protein mRNA	2.3	6.5	0.9	2.4	3.0	0.06
M35878	Hs.77326	IGFBP3	Insulin-like growth factor-binding protein-3 gene	4.1	2.2	2.7	2.4	2.8	0.00399
X74262	Hs.16003	RBBP4	RbAp48 mRNA encoding retinoblastoma binding protein	4.4	2.4	1.8	2.3	2.7	0.00187
Cell metabolism									
M83651	Hs.159481	GALGT	β -1,4 N-acetylgalactosaminyltransferase mRNA	7.6	9.4	1.0	4.8	5.7	
U89606	Hs.38041	PDXK	Pyridoxal kinase mRNA	8.9	2.2	4.7	5.2	5.3	
X14008	Hs.234734	LYZ	Lysozyme gene (EC 3.2.1.17)	4.3	8.0	3.5	3.3	4.8	0.01
D42073	Hs.167791	RCN1	mRNA for reticulocalbin	7.2	4.2	2.6	4.4	4.6	0.000741
S90469	Hs.167246	PCP	Cytochrome P450 reductase	4.5	6.6	6.3	1.0	4.6	
U49352	Hs.81548	DECOR	Liver 2,4-dienoyl-CoA reductase mRNA	3.8	5.1	4.7	1.1	3.6	0.1
D10704	Hs.77221	CHK	mRNA for choline kinase	5.5	2.1	2.9	2.8	3.3	0.00373
M19045	Hs.234734	LYZ	Lysozyme mRNA	3.3	4.4	1.8	2.1	2.9	0.000187
U46689	Hs.159608	ALDH10	Microsomal aldehyde dehydrogenase (ALD10) mRNA	2.0	2.8	3.7	2.5	2.8	
M69177	Hs.82163	MAOB	Monoamine oxidase B (MAOB) mRNA	3.9	2.2	2.3	2.7	2.8	0.05
L41668	Hs.198245	GALE	UDP-Galactose 4 epimerase (GALE) gene	4.7	0.7	3.0	2.1	2.6	0.01
M88468	Hs.75138	MVK	Mevalonate kinase mRNA	2.4	2.0	0.7	4.8	2.5	
U52852	Hs.142	SULT1A1	Sulfotransferase, Phenol-Preferring	2.9	2.0	2.8	1.6	2.3	
M55150	Hs.73875	FAH	Fumarylacetoacetate hydrolase mRNA	2.0	1.7	2.4	2.1	2.0	0.02
Cell structure									
U84540	Hs.54435	DTNA	Dystrobrevin isoform DTN-3 (DTN) gene	16.8	17.0	2.9	3.0	9.9	0.00704
X53416	Hs.195464	FLNA	mRNA for actin-binding protein (filamin) (ABP-280)	7.5	5.4	4.1	4.9	5.5	
U14588	Hs.102497	PXN	Paxillin mRNA	5.6	9.1	1.1	4.3	5.0	0.04
X05610	Hs.75617	COL4A2	mRNA for type IV collagen α -2 chain	5.7	1.2	6.1	5.8	4.7	0.01
Z19574	Hs.2785	KRT17	Gene for cytokeratin 17	5.1	3.5	5.8	1.0	3.8	0.04
U52426	Hs.74597	STIM1	GOK (GOK) mRNA	1.8	3.0	2.9	3.3	2.8	
X69089	Hs.79227	MYOM2	mRNA for skeletal muscle 165kDa protein	5.5	0.7	2.1	2.3	2.6	0.04
X87838	Hs.171271	CTNNB1	mRNA for β -catenin	2.8	3.0	1.8	3.0	2.6	0.09
S40719	Hs.1447	GFAP	Glial fibrillary acidic protein	2.6	2.5	1.5	2.5	2.3	0.0001
M31013	Hs.146550	MYH9	Nonmuscle myosin heavy chain (NMHC) mRNA	2.3	2.9	2.1	0.8	2.0	0.01
L13923	Hs.750	FBN1	Fibrillin mRNA	2.2	2.7	0.7	2.4	2.0	0.01
Cell surface molecules / receptors									
X03363	Hs.173664	ERBB2	c-erb-B-2 mRNA	5.0	7.6	3.0	2.7	4.6	0.19
S60415	Hs.30941	CACNB2	myasthenic syndrome antigen B	4.9	3.4	5.4	3.0	4.2	0.08
X85116	Hs.160483	EPB72	Epb72 gene	5.3	4.3	2.4	3.3	3.9	0.17
U66661	Hs.22785	GABRE	GABA-A receptor ϵ subunit mRNA	3.9	3.9	1.2	3.7	3.2	
L21954	Hs.202	EZFP	Peripheral benzodiazepine receptor gene	4.3	2.3	3.0	3.0	3.2	0.02
AC000061	Hs.663	ABCC7	WUGSC:H_133K23.1c gene from BAC clone 133K23	2.9	2.8	1.0	3.7	2.6	
Immune related									
M87789	Hs.140	IGHG3	Anti-hepatitis A IgG	55.1	1.3	46.9	7.6	27.7	0.02
X62744	Hs.77522	HLA-DMA	RING6 mRNA for HLA class II α chain-like product	13.3	1.0	3.1	6.7	6.0	
J04080	Hs.169756	C1S	Complement component C1r mRNA	5.8	5.7	3.7	6.0	5.3	0.00846
Y08374	Hs.75184	CHI3L1	GP-39 cartilage protein gene	7.5	4.6	2.6	4.1	4.7	0.01
L13197	Hs.75874	PAPPA	Pregnancy-associated plasma protein A (PAPP-A) gene	5.0	4.2	1.0	7.5	4.4	
M27492	Hs.82112	IL1R1	Interleukin 1 receptor mRNA	3.8	10.1	2.5	0.7	4.3	0.14
M31525	Hs.72930	HLA-DNA	MHC class II lymphocyte antigen (HLA-DNA) gene	3.4	7.6	0.5	4.6	4.0	0.00488
U32659	Hs.41724	IL17	IL-17 mRNA	3.6	4.7	0.9	5.5	3.7	
M32315	Hs.257282	TNFRSF1B	Tumor necrosis factor receptor mRNA	3.4	2.3	2.7	4.2	3.1	0.05
M94345	Hs.82422	CAPG	Macrophage capping protein mRNA	4.9	1.5	2.1	3.6	3.0	0.11
U32324	Hs.64310	IL11RA	Interleukin-11 receptor α chain mRNA	2.7	0.9	2.2	3.5	2.3	0.15
M84349	Hs.119663	CD59	Transmembrane protein (CD59) gene	2.3	2.2	2.2	1.3	2.0	0.01
Myelin related									
None									
Proteases and inhibitors									
X68733	Hs.234726	AACT	α 1-antichymotrypsin	7.1	24.2	3.4	12.2	11.7	0.000147
M27826	Hs.238380	~	Endogenous retroviral protease mRNA	7.5	6.2	2.2	6.5	5.6	0.000106
X02750	Hs.2351	PROC	Liver mRNA for protein C	2.4	3.4	3.2	5.9	3.7	0.04
U58048	~	PRSM1	Metalloproteinase PRSM1 mRNA	3.5	3.1	1.9	3.1	2.9	0.01
M13143	Hs.1901	KLKB1	Plasma prekallikrein	3.3	2.8	1.4	2.1	2.4	
S69272	Hs.41072	PI6	cytoplasmic antiproteinase, 38 kDa intracellular serine proteinase inhibitor	2.2	2.9	1.5	2.2	2.2	0.06
Secreted products									
D14874	Hs.394	ADM	Adrenomedullin	6.8	9.0	1.9	11.2	7.2	0.00376
Signaling									
M83667	Hs.76722	CEBPD	NF-IL6-β protein mRNA	3.6	12.9	5.3	3.8	6.4	0.000048
M57730	Hs.1624	EFNA1	B61 mRNA	5.0	6.9	2.6	10.4	6.2	0.000738
L35263	Hs.79107	MAPK14	CSAids binding protein (CSBP1) mRNA	5.9	5.8	4.9	6.7	5.8	0.08
Z74792	Hs.168157	~	mRNA for CCAAT transcription binding factor subunit γ	5.3	3.4	4.7	6.3	4.9	0.000035
U59914	Hs.153863	MADH6	Chromosome 15 Mad homolog Smad6 mRNA	4.5	7.0	3.9	2.8	4.6	

S59049	Hs.75256	RGS1	BL34, B cell activation gene	3.3	1.8	6.3	3.8	3.8	0.000678	
U73377	Hs.81972	SHC1	p66shc (SHC) mRNA	3.7	5.7	3.1	1.9	3.6	0.08	
U27655	Hs.82294	RGS3	RGP3 mRNA	5.8	4.9	3.0	0.6	3.6	0.000504	
Z56281	Hs.75254	IRF3	mRNA for interferon regulatory factor 3	3.1	4.0	1.6	5.5	3.5		
U18919	Hs.74130	~	Chromosome 17q12-21 mRNA, clone pOV-2	2.6	1.6	4.6	5.4	3.5	0.08	
U16031	Hs.181015	~	Transcription factor IL-4 Stat mRNA	2.8	1.0	6.4	3.4	3.4		
M95678	Hs.994	PLCB2	Phospholipase C- β -2 mRNA	4.4	4.0	1.1	2.3	2.9	0.00801	
U49020	Hs.182280	MEF2A	MEF2A gene (myocyte-specific enhancer factor 2A, C9 form)	3.3	2.5	1.6	3.6	2.8		
U09477	Hs.170263	TP53BP1	Clone 53BP1 p53-binding protein mRNA	1.7	3.4	3.2	2.5	2.7	0.05	
U08023	Hs.78941	MERTK	Cellular proto-oncogene (c-mer) mRNA	1.9	2.0	3.7	2.9	2.6		
U31384	Hs.83381	GNG11	G protein γ -11 subunit mRNA	1.8	2.2	2.5	3.1	2.4	0.02	
U12535	Hs.2132	EPS8	Epidermal growth factor receptor kinase substrate (Eps8) mRNA	2.2	4.0	0.9	2.3	2.4		
X02596	Hs.234799	BCR	mRNA for bcr (breakpoint cluster region) gene in Philadelphia chromosome	3.2	1.7	2.6	2.8	2.6		
U07223	Hs.178502	CHN2	β 2-chimaerin mRNA	2.0	1.0	3.2	2.4	2.1	0.04	
X16663	Hs.14601	HCLS1	HS1 gene for hematopoietic lineage cell specific protein	1.7	2.6	2.2	2.1	2.1		
Stress										
Z23090	Hs.76067	HSPB1	mRNA for 28 kDa heat shock protein	3.2	18.8	2.7	1.7	6.6	0.01	
X6717	Hs.94360	MT1L	MT-11 mRNA	4.5	3.4	2.2	6.2	4.1	0.000003	
X64177	Hs.2667	MT1H	mRNA for metallothionein	8.4	2.2	2.7	3.0	4.1	0.00783	
M10943	Hs.203936	MT1F	Metallothionein-II gene (hMT-II)	6.0	3.9	3.2	1.1	3.6	0.0043	
X63368	Hs.77768	HSJ1	Dnaj Homolog (Gb:X63368)	1.9	5.8	2.1	2.5	3.1	0.0047	
M64673	Hs.1499	HSF1	Heat shock factor 1 (TCF5) mRNA	2.5	5.2	2.5	0.9	2.8		
Transcription										
X66975	Hs.172550	PTB	Heterogeneous Nuclear Ribonucleoprotein I	7.0	3.2	2.4	9.5	5.5		
S38742	Hs.89583	HOX11	HOX11 homeodomain (homeobox)	8.6	5.9	1.0	4.4	5.0	0.02	
D38524	Hs.138593	~	mRNA for 5'-nucleotidase	7.0	3.8	1.0	3.8	3.9	0.00216	
X85373	Hs.77496	SNRPG	mRNA for Sm protein G	2.7	2.4	3.8	6.6	3.9		
L12579	Hs.147049	CUTL1	Ccaat Displacement Protein, Cut Homolog	4.7	4.8	1.3	3.2	3.5		
U21090	Hs.74598	POLD2	DNA polymerase δ small subunit mRNA	6.2	2.1	2.4	1.9	3.2		
S80343	Hs.180832	RARS	ArgRS, arginyl-tRNA synthetase	2.9	1.6	3.7	4.3	3.1		
U23028	Hs.2437	EIF2B5	Human eukaryotic initiation factor 2B-e mRNA	3.0	2.1	2.1	4.1	2.8		
D26018	Hs.82502	P66	mRNA for KIAA0039 gene	3.0	3.1	1.5	3.6	2.8		
D50405	Hs.88556	HDAC1	mRNA for RPD3 protein	1.8	3.9	2.1	2.7	2.6	0.00139	
L19779	Hs.795	H2AFO	Histone H2A.2 mRNA	3.9	2.7	1.5	2.2	2.6	0.0021	
U53209	Hs.119523	~	Transformer-2 α (htra-2 α) mRNA	2.4	2.9	1.9	2.6	2.5	0.02	
U69645	Hs.78765	~	Zinc finger protein mRNA	1.7	2.6	2.3	2.6	2.3	0.18	
L19067	Hs.75569	RELA	NF- κ -B transcription factor p65 subunit mRNA	2.6	3.2	0.9	2.4	2.3	0.00363	
U00115	Hs.155024	BCL6	Zinc-finger protein (bcl-6) mRNA	2.6	2.3	0.8	2.9	2.1		
Transport / secretion										
U84720	Hs.196209	RAE1	mRNA export protein Rae1 (RAE1) mRNA	9.6	1.0	2.7	3.6	4.2		
X75593	Hs.151536	RAB13	mRNA for rab 13	2.5	2.3	2.1	3.5	2.6	0.00433	
Y08682	Hs.29331	CPT1A	mRNA for carnitine palmitoyltransferase I type I	2.4	2.4	1.2	3.4	2.3	0.00132	
U58970	Hs.76927	TOM34	Putative outer mitochondrial membrane 34 kDa translocase hTOM34 mRNA	2.2	2.5	3.1	1.3	2.3	0.07	
Unknown										
L27479	Hs.77889	X123	X123 mRNA, 3' end	13.3	15.9	3.4	1.3	8.5	0.01	
AF000959	Hs.110913	CLDN5	Transmembrane protein mRNA	10.7	3.0	5.1	6.5	6.3	0.000244	
L26339	Hs.75682	RCD-8	Autoantigen mRNA	8.9	3.0	2.4	5.3	4.9	0.00634	
U62317	Hs.150540	~	Hypothetical protein 384D8.7 gene	6.1	2.0	3.2	6.4	4.4		
X92762	Hs.79021	TAZ	mRNA for tafazzins protein	4.2	3.3	1.7	5.7	3.7	0.02	
D38583	Hs.150580	SUI1	mRNA for calgizarin	2.4	3.1	3.1	5.4	3.5		
U03105	Hs.75969	B4-2	B4-2 protein mRNA	2.7	2.2	5.7	3.5	3.5		
M13241	Hs.25960	MYCN	N-myc gene	4.5	2.1	1.6	5.7	3.5		
M24349	Hs.89626	PTH1H	Parathyroid hormone-like protein (PLP) gene	2.3	6.4	1.4	3.5	3.4		
L25270	Hs.180756	SMCX	XE169 mRNA	4.2	4.5	2.1	2.6	3.4	0.01	
U81556	Hs.180669	OS4	Hypothetical protein A4 mRNA	2.3	4.0	2.7	2.7	2.9	0.12	
D50928	Hs.159384	KIAA0138	mRNA for KIAA0138 gene	3.3	2.1	2.6	3.3	2.8	0.00255	
Z24680	Hs.151641	GARP	Garp gene mRNA	3.1	3.3	1.6	3.0	2.8	0.03	
D79985	Hs.2491	DGCR2	mRNA for KIAA0163 gene	5.0	2.2	1.2	2.5	2.7	0.01	
U37408	Hs.239737	CTBP1	CtBP mRNA	3.4	1.2	3.6	2.6	2.7		
U32331	Hs.4909	RIG	RIG mRNA	3.0	3.2	1.9	2.6	2.7	0.18	
U36922	~	~	Fork head domain protein (FKHR) mRNA	2.9	4.4	1.0	2.5	2.7		
D86966	Hs.79347	KIAA0211	mRNA for KIAA0211 gene	2.4	3.4	1.0	3.9	2.7		
D86973	Hs.75354	GCN1L1	mRNA for KIAA0219 gene	4.3	2.2	1.1	3.0	2.7	0.000118	
U96115	~	~	VW domain-containing protein WWP3 mRNA	2.2	2.5	1.3	4.7	2.7	0.00648	
S73591	Hs.179526	VDUP1	Brain-expressed HHCPA78 homolog	2.9	3.7	1.7	2.3	2.6	0.00946	
D79991	Hs.246898	KIAA0169	mRNA for KIAA0169 gene	2.5	3.3	0.8	3.0	2.4	0.000139	
D50930	Hs.156016	KIAA0140	mRNA for KIAA0140 gene	2.1	2.7	0.8	3.0	2.2	0.06	
M68864	Hs.77868	~	ORF mRNA	3.0	1.0	2.3	2.3	2.1		
D87440	Hs.83419	KIAA0252	mRNA for KIAA0252 gene	2.9	0.9	2.2	2.2	2.0		
U79287	Hs.19555	~	Clone 23867 mRNA sequence	2.0	2.4	1.0	2.0	1.8	0.00198	