

Accession	Unigene	Symbol	Entrez Definition	Sample				Mean MS	p-value
				MS-1	MS-2	MS-3	MS-4		
Adhesion / Matrix									
X73608	Hs.93029	SPOCK	mRNA for testican	-25.7	-25.7	-4.1	-3.4	-6.6	0.1
L38608	Hs.10247	ALCAM	CD6 ligand (ALCAM) mRNA	-9.1	-9.1	-2.1	-2.3	-3.5	
D84145	Hs.39913	WS-3	WS-3 mRNA	-3.6	-7.0	1.0	-7.0	-2.5	
U55258	Hs.7912	NRCAM	hBRAVO/Nr-CAM precursor (hBRAVO/Nr-CAM) gene	-1.4	-3.2	-2.0	-9.2	-2.4	
M94151	Hs.150917		Cadherin-associated protein-related (cap-r) mRNA	-2.7	-3.4	-1.2	-7.1	-2.4	0.19
M11749	Hs.125359	THY1	Thy-1 glycoprotein gene	-5.3	-2.3	-1.2	-3.6	-2.3	0.19
Cell cycle / growth / apoptosis									
U28811	78979	GLG1	Cysteine-rich fibroblast growth factor receptor (CFR-1) mRNA	-20.2	-9.2	-4.1	-20.2	-8.9	0.06
D50310	Hs.79933	CCN1	mRNA for cyclin 1	-13.1	-5.3	-2.2	-5.7	-4.4	
U51586	Hs.74562	SIAHBP1	Siah binding protein 1 (SiahBP1) mRNA	-1.4	-24.3	-2.4	-24.3	-3.3	
U67122	Hs.81424	UBL1	Ubiquitin-related protein SUMO-1 mRNA	-9.9	-2.9	-1.2	-9.9	-3.0	
M80629	Hs.155266	CDC2L	Cdc2-related protein kinase (CHED) mRNA	-2.4	-2.0	-2.2	-6.6	-2.6	0.01
X75091	Hs.145279	SET	mRNA for HLA-DR associated protein II (PHAPII)	-4.0	-3.8	-1.1	-3.7	-2.4	
S82024	Hs.90005	SGC10	SCG10 neuron-specific growth-associated protein/stathmin homolog	-7.1	-9.3	1.2	-5.8	-2.4	
U46461	Hs.197989	DVL1	Dishvelled homolog (DVL) mRNA	-5.3	-5.3	1.4	-5.3	-2.0	
U91327	Hs.6456	CCT2	Chromosome 12p15 BAC clone CIT987SK-99D8 complete sequence	-4.2	-4.2	1.4	-4.2	-1.9	
Cell metabolism									
S67325	Hs.63788	PCOB	Propionyl CoA carboxylase β subunit	-7.4	-4.2	-2.9	-7.4	-4.7	0.09
Y13647	119597	SCD	Stearoyl-Coenzyme A Desaturase	-4.3	-4.3	-4.3	-4.3	-4.3	
J04444	Hs.697	CYC1	Cytochrome c-1 gene	-5.2	-25.6	-1.4	-25.6	-4.1	
M11058	Hs.11899	HMGCR	3-hydroxy-3-methylglutaryl coenzyme A reductase mRNA	-5.2	-5.2	-4.7	-2.7	-4.1	
D16480	Hs.75860	HADHA	mRNA for mitochondrial enoyl-CoA hydratase/3-hydroxyacyl-CoA dehydrogenase	-2.4	-15.3	-2.1	-15.3	-4.0	
AF053070	Hs.7744	NDUFV1	NADH-Ubiquinone Oxidoreductase, 51 kDa Subunit	-6.2	-9.7	-1.4	-9.7	-3.7	
L42451	Hs.92261	PDK2	Pyruvate dehydrogenase kinase isoenzyme 2 (PKD2) mRNA	-3.0	-6.1	-6.3	-2.5	-3.7	0.009076
M74826	Hs.170808	GAD2	Glutamate decarboxylase (GAD-2) mRNA	-5.2	-3.8	-2.2	-3.2	-3.3	
L13329	Hs.172458	IDS	Homo sapiens iduronate-2-sulfatase (IDS) gene	-6.5	-2.6	-1.4	-6.5	-2.9	0
M19483	Hs.25	ATP5B	ATP synthase β subunit gene	-6.0	-4.5	-1.3	-3.7	-2.8	0.12
D78129			Squalene epoxidase	-5.1	-2.4	-1.7	-5.0	-2.8	
D90228	Hs.37	ACAT1	Cytosolic Acetoacetyl-Coenzyme A Thiolase	-2.1	-3.5	-2.0	-4.7	-2.7	
M16447	Hs.75438	QDPR	Dihydropteridine reductase (DHPR) mRNA	-4.8	-2.0	-2.1	-2.3	-2.5	0.01
U79294	Hs.173717	PPAP2B	Phosphatidic acid phosphatase type 2b	-3.5	-2.1	-1.5	-3.0	-2.3	0.15
J04973	Hs.173554	UQCRC2	Cytochrome bc-1 complex core protein II mRNA	-2.2	-3.1	-1.1	-6.8	-2.2	0.12
D25328	Hs.99910	PFKP	mRNA for platelet-type phosphofructokinase	-5.2	-2.0	-1.2	-3.0	-2.1	0.01
D16562	Hs.155433	ATP5C1	mRNA for ATP synthase γ -subunit (L-type)	-4.0	-3.2	1.1	-3.9	-2.1	0.01
M22760	Hs.181028	COX5A	Nuclear-encoded mitochondrial cytochrome c oxidase Va subunit mRNA	-2.4	-3.2	-1.1	-4.1	-2.1	0.17
D90086	Hs.979	PDBH	Pyruvate dehydrogenase (EC 1.2.4.1) β subunit gene	-2.1	-2.2	-1.2	-2.0	-1.8	
D61391	Hs.77498	PRPSAP1	mRNA for phosphoribosylpyrophosphate synthetase-associated protein 39	-2.4	-2.0	1.1	-2.1	-1.6	
Cell structure									
X00734	Hs.108014	TUBB5	β -tubulin gene (5- β)	-13.2	-7.7	-2.9	-3.6	-4.8	0.000057
M24732	Hs.184923		Lamin-Like Protein	-9.5	-3.1	-5.6	-3.6	-4.5	
X65873	Hs.149436	KIF5B	mRNA for kinesin (heavy chain)	-3.1	-2.2	-4.3	-7.7	-3.5	0.000186
J03778	Hs.101174	MAPT	Microtubule-associated protein τ mRNA	-5.8	-2.6	-1.5	-2.6	-2.5	
Cell surface molecules / receptors									
D63412	Hs.171963	AQP4	Human mRNA for aquaporin, complete cds	-3.7	-7.6	-3.7	-8.4	-5.1	
U45955	Hs.78361	GPMB6B	Neuronal membrane glycoprotein 6b mRNA	-8.2	-4.8	-2.0	-8.2	-4.2	
U87460	Hs.27747	GPR37	Putative endothelin receptor type B-like protein mRNA	-19.2	-4.2	-3.9	-2.3	-4.1	0.03
X14766	Hs.45740	GABRA1	Human mRNA for GABA-A receptor, α 1 subunit	-9.5	-2.3	-2.1	-11.8	-3.6	
X57830	Hs.172744	HTR2A	Serotonin 5-HT2 receptor mRNA	-3.5	-3.5	-3.5	-3.5	-3.5	
M80254	Hs.173125	PFIF	H. sapiens cyclophilin isoform (hCyP3) mRNA, complete cds	-1.8	-6.7	-2.6	-4.8	-3.1	
U01691	Hs.79274	ANX5	Human annexin V (ANX5) gene, 5'-untranslated region	-8.2	-2.9	-1.2	-17.7	-3.0	0.19
U57971	Hs.103124	ATP2B3	Human calcium ATPase isoform 3x/a mRNA, complete cds	-3.3	-9.0	-1.6	-2.3	-2.7	0.07
AF010193	Hs.100602	MADH7	Homo sapiens MAD-related gene SMAD7 (SMAD7) mRNA, complete cds.	-5.9	-2.4	-1.4	-5.9	-2.7	
L02840	Hs.84244	KCNB1	Potassium channel Kv2.1 mRNA	-4.8	-2.2	-2.2	-2.0	-2.5	
X15376	Hs.7195	GABRG2	Human mRNA for GABA-A receptor, γ 2 subunit	-2.8	-16.3	1.2	-8.1	-2.3	
J04027	Hs.78546	ATP2B1	Human plasma membrane Ca ²⁺ pumping ATPase mRNA, complete cds	-3.5	-6.8	1.1	-3.4	-2.2	
Immune related									
X95677	108981	FCN1	H. sapiens mRNA for ArgBP1B protein	-5.9	-5.9	-1.9	-5.9	-3.9	0.15
Myelin related									
M54927	Hs.1787	PLP1	Myelin Proteolipid Protein, Alt. Splice 2	-13.3	-4.1	-3.5	-4.0	-4.7	0.000002
S50017	Hs.150741	ONP	2',3'-cyclic nucleotide 3'-phosphodiesterase	-6.4	-2.3	-3.1	-3.2	-3.3	
M63623	Hs.194772	OMG	Oligodendrocyte-myelin glycoprotein (OMGP) mRNA	-2.7	-3.3	-1.2	-2.8	-2.2	0.003889
Proteases and inhibitors									
L19684	Hs.159628	PI4	Kallistatin, Protease inhibitor 4	-5.9	-2.5	-3.1	-2.1	-2.9	
X92106	Hs.78943	BLMH	mRNA for bleomycin hydrolase	-5.8	-2.1	-1.7	-5.8	-2.8	
Z81326	Hs.78589	PI12	mRNA for protease inhibitor 12 (PI12; neuroserpin)	-7.1	-2.6	-1.1	-3.7	-2.4	0.14
J04605	Hs.73947	PEPD	Protease (immodipeptidase) mRNA	-2.4	-3.3	-1.2	-12.4	-2.4	
M96859	Hs.34074	DPP6	Dipeptidyl aminopeptidase like protein mRNA	-3.3	-3.2	-1.1	-4.2	-2.3	0.02
D00762	Hs.167106	PSMA3	mRNA for proteasome subunit HC8	-5.5	-2.9	1.2	-5.5	-2.1	
Secreted products									
J00306	Hs.12409	SST	Somatostatin I gene and flanks	-3.4	-3.2	-2.4	-3.5	-3.0	0.000716
L00354	Hs.80247	CCK	Cholecystokinin (CCK) gene	-2.3	-2.3	1.3	-2.3	-1.5	
Signaling									
U90336	139033	PEG3	PEG3 mRNA, partial cds.	-7.9	-7.9	-7.9	-7.9	-7.9	
L36645	Hs.73964	EPHA4	Receptor protein-tyrosine kinase (HEK8) mRNA	-6.2	-20.0	-2.2	-20.0	-5.6	
X03663	Hs.174142	CSF1R	mRNA for c-fms proto-oncogene	-4.2	-4.2	-4.2	-4.2	-4.2	
X63578	Hs.81849	PVALB	Gene for parvalbumin	-4.3	-3.0	-3.8	-4.8	-3.9	0.007769
X07109	Hs.77202	PRKCB1	mRNA for protein kinase C (PKC) type β II	-22.4	-2.2	-4.1	-3.1	-3.8	
X66533	Hs.77890	GUCY1B3	Soluble guanylate cyclase small subunit mRNA	-13.8	-8.1	-1.2	-13.8	-3.7	
NM006366	Hs.227526	CAP2	Adenylyl Cyclase-Associated Protein 2	-10.1	-10.1	-1.3	-9.1	-3.7	
M33336	Hs.183037	PRKAR1A	cAMP-dependent protein kinase type I- α subunit (PRKAR1A) mRNA	-6.3	-5.0	-1.4	-16.3	-3.6	0.02
U81554	Hs.231812	CAMK2G	CaM kinase II isoform mRNA	-5.7	-5.7	-2.1	-2.3	-3.2	
U73477	Hs.76689	PHAP1	Acidic nuclear phosphoprotein pp32 mRNA	-3.7	-8.5	-1.6	-3.5	-3.1	
L14778	Hs.92	PPP3CA	Caimitudin-dependent protein phosphatase catalytic subunit (PPP3CA) mRNA	-6.2	-3.2	-1.8	-3.6	-3.1	
U27768	Hs.227571	RGS4	RGP4 mRNA	-8.5	-7.6	1.1	-13.6	-2.8	
X57346	Hs.182238	YWHAB	mRNA for HS1 protein	-4.8	-3.2	-1.2	-7.8	-2.7	

U66702	Hs.74624	PTPRN2	Phogrin mRNA	-2.1	-5.0	-1.4	-2.1	-2.1	0.03
M29870	Hs.250648	RAC1	Ras-Related C3 Botulinum Toxin Substrate	-4.4	-5.5	1.3	-4.1	-2.1	
M18255	Hs.77202	PRKCB1	PRKACB gene (protein kinase C-β-2)	-2.5	-2.3	-1.1	-2.2	-1.8	0.13
Stress									
L26336	Hs.75452	HSPA2	Heat shock protein HSPA2 gene	-7.8	-2.4	-3.0	-2.8	-3.2	0.000005
L12723	Hs.90093	HSPA4	Heat shock protein 70 (hsp70) mRNA	-3.8	-2.7	-2.2	-4.9	-3.1	
L15189	Hs.3069	HSPA9B	Heat shock 70kDa protein 9B (mortalin-2)	-3.2	-2.7	1.3	-2.6	-1.7	
Transcription / translation									
D82347	Hs.72981	NEUROD1	mRNA for NeuroD	-4.8	-7.2	-7.2	-7.2	-6.4	0.18
L08895	Hs.78995	MEF2C	MADS/MEF2-family transcription factor (MEF2C) mRNA	-11.9	-11.9	-2.1	-7.4	-5.1	
U48213	Hs.155402	DBP	D-site binding protein gene, promoter region	-7.6	-7.6	-2.4	-7.6	-4.9	
D76435	Hs.41154	ZIC1	mRNA for Zic protein	-3.0	-4.3	-4.9	-8.3	-4.5	
D63135			mRNA for ETS-like 30 kDa protein	-8.1	-4.3	-3.3	-3.5	-4.2	0.03
U29607	Hs.78935	MNFEP	Methionine aminopeptidase mRNA	-4.8	-4.6	-2.7	-5.7	-4.1	
D85131	Hs.7647	MAZ	mRNA for Myc-associated zinc-finger protein of human islet	-5.3	-4.2	-1.8	-5.3	-3.4	0.001044
U77396			TNFα inducible responsive element mRNA	-6.7	-6.7	-1.3	-6.7	-3.3	
M74719	Hs.75356	TCF4	SEF2-1B protein (SEF2-1B) mRNA	-11.0	-2.5	-1.7	-6.1	-3.2	
U00947	Hs.151604	HNRPA1	Heterogeneous nuclear ribonucleoprotein A1	-3.9	-2.8	-1.5	-3.8	-2.6	
X78136	Hs.63525	PCBP2	hnRNP-E2 mRNA	-3.5	-2.2	-1.3	-2.6	-2.1	0.15
L40357	Hs.77558	TRIP7	Thyroid receptor interactor (TRIP7) mRNA	-3.9	-7.3	1.3	-8.6	-2.2	
X03689			mRNA fragment for elongation factor TU (N-terminus)	-3.4	-3.0	-1.0	-4.5	-2.2	
U30825	Hs.77608	SFRS9	Splicing factor SFp30c mRNA	-3.2	-2.6	-1.1	-3.1	-2.0	
D11094	Hs.61153	PSMC2	mRNA for MSS1	-2.2	-3.7	1.3	-9.0	-1.9	0.05
D87735	Hs.158675	RPL14	mRNA for ribosomal protein L14	-2.3	-2.4	-1.0	-3.1	-1.8	0.16
Transport / secretion									
U18244	Hs.113602	SLC1A6	Excitatory amino acid transporter 4 mRNA	-4.2	-11.5	-11.5	-11.5	-8.0	
L38951	Hs.180446	KPNB1	Importin β subunit mRNA	-12.2	-3.5	-5.3	-12.2	-6.3	0.01
J03263	Hs.150101	LAMP1	Lysosome-associated membrane glycoprotein (lamp A) mRNA	-11.6	-5.7	-2.4	-11.6	-5.2	
Y00064	Hs.2281	CHGB	mRNA for secretogranin I (chromogranin B)	-11.8	-12.2	-2.6	-2.4	-4.1	0.12
M55047	Hs.154679	SYT1	Synaptotagmin mRNA	-19.6	-13.9	-1.2	-6.8	-3.6	0.12
M28215	Hs.73957	RAB5A	GTP-binding protein (RAB5) mRNA	-4.0	-4.0	-2.2	-4.0	-3.3	
M28213	Hs.78305	RAB2	GTP-binding protein (RAB2) mRNA	-6.4	-6.4	-1.3	-4.7	-3.2	
M28209	Hs.3642	DKFZP564B163	GTP-binding protein (RAB1) mRNA	-6.0	-5.2	-1.2	-16.2	-3.1	
U72761	Hs.113503	KPNB3	Karyopherin β 3 mRNA	-3.9	-2.6	-1.7	-3.9	-2.7	
U03985	Hs.108802	NSF	N-Ethylmaleimide-Sensitive Factor	-7.1	-3.7	-1.1	-4.7	-2.6	
X12953	Hs.78305	RAB2	rab2 mRNA, YPT1-related and member of ras family	-6.5	-2.2	-1.3	-3.2	-2.4	
J04982	Hs.2043	ANT1	Heart/skeletal muscle ATP/ADP translocator (ANT1) gene	-2.9	-5.0	-1.0	-5.5	-2.4	
X58528	Hs.76781	ABCD3	PMP70 mRNA for a peroxisomal membrane protein	-2.4	-2.0	-1.7	-4.1	-2.3	
M36205	Hs.255446	VAMP2	Synaptobrevin 2 (SYB2) gene	-10.9	-7.0	1.6	-10.9	-2.1	
D13988	Hs.56845	GDI2	rab GDI mRNA	-3.0	-2.3	-1.0	-2.9	-1.9	
U24105	Hs.75887	COPA	Coatomer protein (HEPCOP) mRNA	-2.1	-2.2	-1.0	-2.2	-1.7	
Unknown									
M58459	Hs.180911	RPS4Y	Ribosomal protein (RPS4Y) isoform mRNA	-12.6	-12.6	-12.6	-10.9	-12.1	0.01
D31764	Hs.78436	KIAA0064	mRNA for KIAA0064 gene	-9.2	-9.2	-2.8	-9.2	-5.9	
U49188	Hs.76329	TDE1	Placenta (DIF33) mRNA	-11.4	-11.4	-2.0	-11.4	-5.2	0.05
U76189	Hs.61152	EXTL2	EXTL3 mRNA	-5.3	-5.3	-2.4	-5.3	-4.1	0.04
U60269	Hs.141034		Putative envelope protein; similar to Type A and Type B retroviruses, class II HERVs	-3.3	-4.4	-2.5	-4.4	-3.5	
Y12711	Hs.90061	HPR6.6	mRNA for putative progesterone binding protein	-12.4	-12.4	-1.1	-7.3	-3.4	0.02
M55267	Hs.41846		EV12 protein gene	-9.8	-9.8	-1.1	-9.8	-3.2	
Z69915			mRNA clone ICRFp507L1876	-2.8	-2.5	-3.0	-3.3	-2.9	0.08
AF009301	Hs.20141	TEB4	TEB4 protein mRNA	-2.1	-7.3	-2.3	-3.5	-3.0	0.1
Y12478	Hs.198308	WFB	mRNA for CHD5 protein	-11.7	-4.8	1.0	-11.7	-2.8	
M34677	Hs.83363	DXS522E	Nested gene protein gene	-2.5	-5.8	-1.3	-2.7	-2.3	0.09
Z93784			DNA sequence from PAC 398C22 on chromosome 22q11.2-qter	-7.4	-4.1	1.2	-7.4	-2.3	
D87447	Hs.47313	KIAA0258	mRNA for KIAA0258 gene	-2.4	-6.5	-1.4	-2.0	-2.3	0.06
D87120	Hs.29882	GS3786	Cancellous bone osteoblast mRNA for GS3786	-2.2	-4.9	-1.5	-2.3	-2.2	
M74088	Hs.75081	APC	APC gene mRNA	-7.3	-7.3	1.3	-3.5	-2.2	
Z48042	Hs.255739	M11S1	mRNA encoding GPI-anchored protein p137	-3.1	-2.3	-1.2	-2.6	-2.0	
D14659	Hs.154387	KIAA0103	mRNA for KIAA0103 gene	-2.2	-2.8	-1.2	-2.1	-1.9	
U02556	Hs.75307	TCTE1L	RP3 mRNA	-2.9	-2.0	-1.2	-2.1	-1.8	0.07