

Accession Number	Gene description	U937 / US4.2		MPSS							
		Differential display MEGASORT	MPSS U937 / US4.2	Northern	Q.PCR	K562 / K56	BT20 / BT20S	T47D / T47DS	MB231 / MB231S	U937 / U937Siah1	MCF7 / MCF7Siah1
<b>CHROMATIN STRUCTURE</b>											
U26312	heterochromatin protein HP1Hsgamma										
NM_005196	centromere protein F (350/400kD, mitotin)		102 23								
M21339	non-histone chromosomal protein HMG-14		1704 674								
AF020043	chromosome-associated polypeptide (HCAP)										
NM_006306	SMC 1 structural maintenance of chromosomes 1-like 1 (yeast)		1214 868								
<b>DNA REPLICATION</b>											
AF128893	telomerase reverse transcriptase		289 596								
AF181897	WRN		1518 1170								
L47276	alpha topoisomerase truncated-form										
<b>DNA REPAIR</b>											
J04718	proliferating cell nuclear antigen		3594 2549								
AF165088	Rad51										
NM_003579	homologous to S. cerevisiae RAD54										
L47234	ERCC2										
<b>REGULATORS OF TRANSCRIPTION</b>											
NM_001675	activating transcription factor 4										
AF161886	myeloid zinc finger protein 1 splice variants		866 404								
M90357	basic transcription factor 3a		84 77								
NM_006406	thioredoxin peroxidase (antioxidant enzyme)										
AF060568	promyelocytic leukemia zinc finger protein		208 93								
NM_003146	structure specific recognition protein1		24 0								
U29175	transcriptional activator (BRG1)										
M81601	transcription elongation factor (SII)										
L11672	Kruppel related zinc finger protein (HTF10)										
AF105427	transcription factor RFX-B (RFXB)										
J05448	RNA polymerase subunit HRPB 33										
AF084530	cyclin-D binding Myb-like protein		80 19								
AF043431	retinoblastoma-interacting protein (RBBP8)		404 229								
AB012286	5' region of integrin-beta 4 gene		3 177								
AB022785	ASH2L gene, similar to Drosophila ash2 gene		866 404								
NM_014938	Mix interactor (MONDOA)										
NM_015928	androgen-induced prostate proliferative shutoff associated protein										
U22376	c-myb		28 0								
AF003530	homeobox protein CDX4		533 314								
NM_003035	TAL1 (SCL) interrupting locus (SIL)		208 93								
NM_005080	X-box binding protein 1		1083 565								
<b>RNA TRANSPORT AND PROCESSING</b>											
U87279	splicing factor SRp30c										
M16342	nuclear ribonucleoprotein particle C		1020 356								
NM_014280	splicing factor similar to dnaJ (SPF31)										
XM_038972	splicing factor 3b, subunit 1, 155kD										
M29065	hnRNP A2 protein										
NM_031243	heterogeneous nuclear ribonucleoprotein B1										
NM_002136	heterogeneous nuclear ribonucleoprotein A1		1924 1135								
NM_004768	splicing factor, arginine/serine-rich 11		77 180								
NM_002568	poly(A)-binding protein, cytoplasmic 1		36 0								
NM_032881	U7 snRNP-specific Sm-like protein LSM10										
NM_015629	pre-mRNA processing factor 31 homolog (yeast)										
NM_006196	poly(rC) binding protein 1										
X70944	PTB-associated splicing factor										
<b>RIBOSOMAL PROTEINS</b>											
L20868	ribosomal protein L4		4185 2606								
NM_000969	ribosomal protein L5		568 294								
NM_000971	ribosomal protein L7		4007 2882								
NM_000972	ribosomal protein L7a		4869 3268								
NM_000661	ribosomal protein L9		11767 7502								
NM_006013	ribosomal protein L10		6316 5377								
NM_000975	ribosomal protein L11										
NM_000977	ribosomal protein L13		3396 2253								
NM_012423	ribosomal protein L13a		9630 6585								
NM_002948	ribosomal protein L15		4381 2457								
NM_000980	ribosomal protein L18a		4685 2229								
NM_000982	ribosomal protein L21										
NM_000983	ribosomal protein L22		3295 2161								
NM_000984	ribosomal protein L23a		5610 4713								
L05095	ribosomal protein L30		7561 5398								
NM_000994	ribosomal protein L32		6524 3304								
NM_007209	ribosomal protein L35		4222 2584								
NM_021029	ribosomal protein L36a		38 3								
NM_000998	ribosomal protein L37a		6446 4848								
NM_001000	ribosomal protein L39		14309 8695								
XM_037459	ribosomal protein S3A										
NM_001012	ribosomal protein S8		4234 5299								

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AB061839	ribosomal protein S9										
M13934	ribosomal protein S14		6132 3997								
NM_001019	ribosomal protein S15a		3516 2973								
NM_001021	ribosomal protein S17		9261 6572								
NM_022551	ribosomal protein S18		5671 2820								
NM_001022	ribosomal protein S19		7492 8673								
NM_001023	ribosomal protein S20		95 10								
U12202	ribosomal protein S24										
U41448	ribosomal protein S26		3181 2481								
NM_001031	ribosomal protein S28		5671 2820								
U14973	ribosomal protein S29		4420 2170								
M17885	acidic ribosomal phosphoprotein P0		18191 10876								
<b>CELL CYCLE</b>											
M27024	heat shock protein (HSP89-alpha)		2963 3488								
AF255307	cyclin T1										
NM_015965	CGI-39 protein; cell death-regulatory protein GRIM19		18191 10876								
AF010238	von Hippel-Lindau tumor suppressor		363 197								
NM_032637	S-phase kinase-associated protein 2 (SKP2)										
AJ010395	DKC1		222 40								
AB000381	GPI-anchored molecule-like protein		64 178								
AB002059	P2XM		45 0								
AF117829	RICK										
<b>PROTEIN SYNTHESIS</b>											
NM_001412	translation initiation factor 1A		970 1212								
XM_006326	translation initiation factor 4 gamma2										
NM_003760	translation initiation factor 4 gamma, 3		97 12								
U39067	translation initiation factor eIF3 p36 subunit mRNA										
M29536	translational initiation factor 2beta subunit										
NM_005801	putative translation initiation factor		943 677								
U07231	G-rich sequence factor-1		149 47								
NM_001404	translation elongation factor 1 gamma		3250 1909								
L41490	translation elongation factor 1 alpha 1-like 14		19601 8159								
NM_001605	alanyl-tRNA synthetase										
L29074	fragile X mental retardation syndrome protein		76 12								
<b>PROTEIN FOLDING/MODIFICATION/TURNOVER</b>											
BC002594	dolichyl-diphosphooligosaccharide-glycosyltransferase										
NM_021130	peptidylprolyl isomerase A (cyclophilin A)		208 93								
S82372	cyclophilin-A like		7840 5754								
AF054185	proteasome subunit HSPC										
J04809	cytosolic adenylate kinase (AK1)										
AJ132637	ATP-dependent metalloprotease YME1L										
M35531	GDP-L-fucose:beta-D-galactoside 2-alpha-L-fucosyltransferase										
AF151079	HSPC245										
AF014398	myo-inositol monophosphatase 2										
E10341	pro-cathepsin B										
XM_033922	ubiquitin specific protease 10										
AF023268	ck2 kinase		42 0								
X95677	ArgPIIB protein		3241 622								
<b>CELL SURFACE PROTEINS/CELL ADHESION/EXTRACELLULAR MATRIX PROTEINS</b>											
J03799	laminin-binding protein		4141 1680								
AF217411	neurologin 3 isoform										
AF187881	leukointegrin alpha d		60 0								
AF166339	integrin alpha 6 (ITGA6)		208 93								
AF005963	protocadherin 43		3 147								
AF007544	prostate-specific membrane antigen		208 93								
NM_012072	complement component 1, q subcomponent, receptor 1		0 56								
NM_001642	amyloid beta (A4) precursor-like protein 2		533 314								
AF099810	neurexin III-alpha		363 197								
NP_443183	TdT binding protein; similar to synaptotagmin 1										
AF247661	LDC4										
AF184110	cyclophilin-related protein (NKTR)		117 6								
<b>CYTOSKELETAL PROTEINS</b>											
X04588	cytoskeletal tropomyosin		97 190								
NM_002823	prothymosin, alpha (gene sequence 28)		45 3								
AA601082	tubulin alpha chain		14048 8873								
NM_002473	myosin, heavy polypeptide 9, non-muscle										
NM_004986	kinectin 1 (kinesin receptor)		518 301								

