Probe Set	*Description*	*Biological information*	*Previously Identified*
185_at	neuro-oncological ventral antigen 1	Is recognized by sera of patients with paraneoplastic opsoclonus-ataxia, breast cancer, and small cell lung cancer, and alternative forms are present in brain and tumor cells. [17]	
863_g_at	serine (or cysteine) proteinase inhibitor, clade B (ovalbumin), member 5		
893_at	ubiquitin carrier protein	Protein encoded by this gene is a component of the ubiquitin-protein conjugation system.[22]	
1596_g_at	TEK tyrosine kinase, endothelial (venous malformations, multiple cutaneous and mucosal)	Expressed in endothelial cells, the TEK signaling pathway is critical for endothelial cell smooth muscle cell communication in venous morphogenesis.[32]	
1802_s_at	v-erb-b2 avian erythroblastic leukemia viral oncogene homolog 2 (neuro/glioblastoma derived oncogene homolog)	Encodes a tumor antigen, p185[4].	
1809_at	CDC7 (cell division cycle 7, S. cerevisiae, homolog)-like 1		
1814_at/1815_g_at	transforming growth factor, beta receptor II (70-80kD)	TGF-Beta receptor II is prevalently mutated in the squamous cell carcinoma of head and neck, pancreatic adenocarcinomas, hepatocellular carcinoma, sporadic gastric cancer, and is inactivated in pancreatic and biliary cancers and in thyroid carcinoma.[15]	†‡

1898_at	ataxia-telangiectasia group D-associated protein		†
31791_at	tumor protein 63 kDa with strong homology to p53	In P53-deficient cells, this gene causes growth-suppression and apoptosis.[10]	†‡
31935_s_at	Cluster Incl U75968:Human clone C3 CHL1 protein (CHLR1) mRNA, alternatively spliced, complete cds /cds=(220,1086) /gb=U75968 /gi=1666894 /ug=Hs.166048 /len=4182		
32254_at	Cluster Incl AL050223:Homo sapiens mRNA; cDNA DKFZp586L1323 (from clone DKFZp586L1323) /cds=UNKNOWN /gb=AL050223 /gi=4884465 /ug=Hs.194534 /len=1491		
32542_at	four and a half LIM domains 1		
32640_at	intercellular adhesion molecule 1 (CD54), human rhinovirus receptor	Is typically expressed in cells of the immune system and endothelial cells. A surface glycoprotein, it binds integrin LFA-1 and promotes adhesion.[27]	†
33218_at	v-erb-b2 avian erythroblastic leukemia viral oncogene homolog 2 (neuro/glioblastoma derived oncogene homolog)	In cancers, its overexpression is found to correspond with poor prognosis, enhanced metastatic potential, and chemoresistance.[31]	

33267_at	Cluster Incl AF035315:Homo sapiens clone 23664 and 23905 mRNA sequence /cds=UNKNOWN /gb=AF035315 /gi=2661077 /ug=Hs.180737 /len=1331		
33322_i_at	stratifin	Regulates cellular activity, and has been suggested that it promotes pre-mitotic cell-cycle arrest following DNA damage.[2] Its expression can be controlled by the p53 tumor supressor gene.[9]	
33529_at	alcohol dehydrogenase 7 (class IV), mu or sigma polypeptide	Encodes class IV alcohol dehydrogenase 7 mu or sigma subunit. May participate in the synthesis of retinoic acid, which is a hormone important for cellular differentiation. Expression is more abundant in stomach than liver.[26]	
33904_at	claudin 3	Abundant expression level in small intestine, liver, and lung, and much lower in heart, kidney, brain, spleen, and skeletal muscle. Also is a receptor for Clostridium perfringens enterotoxin (CPE).[13]	‡
34314_at	ribonucleotide reductase M1 polypeptide	Essential for the production of deoxyribonucleotides before DNA synthesis in S phase.[20]	

34352_at	Cluster Incl AA631698:np79a08.s1 Homo sapiens cDNA /clone=IMAGE-1132502 /gb=AA631698 /gi=2554309 /ug=Hs.3192 /len=640		
34708_at	ficolin (collagen/fibrinogen domain-containing) 3 (Hakata antigen)	Synthesized in the liver, it is a homopolymeric serum protein.[11]	
35531_at	ligand of neuronal nitric oxide synthase with carboxyl-terminal PDZ domain		
35742_at	KIAA0430 gene product		
35868_at	advanced glycosylation end product-specific receptor	Possible receptor for advanced glycostation end product.[34]	†
35995_at	ZW10 interactor	Encodes a protein involved in kinetochore function. Interacts with ZW10, another kinetochore protein. It may regulate the association between ZW10 and kinetochores.[22]	
36133_at	Cluster Incl AL031058:Human DNA sequence from clone 512B11 on chromosome 6p24-25. Contains the Desmoplakin I (DPI) gene, ESTs, STSs and GSSs /cds=(279,8894) /gb=AL031058 /gi=3395507 /ug=Hs.74316 /len=9591		

36148_at	Cluster Incl U48437:Human amyloid precursor-like protein 1 mRNA, complete cds /cds=(41,1993) /gb=U48437 /gi=1709300 /ug=Hs.74565 /len=2336		
36160_s_at	Cluster Incl U81561:Human protein tyrosine phosphatase receptor pi (PTPRP) mRNA, complete cds /cds=(42,3038) /gb=U81561 /gi=2351575 /ug=Hs.74624 /len=4699		
36174_at	macrophage myristoylated alanine-rich C kinase substrate		
36209_at	bromodomain-containing 2	May be a part of a signal transduction pathway involved in growth control.[3]	
36569_at	tetranectin (plasminogen-binding protein)	Tetranectin is considered a possible marker of extracellular proteolysis needed for malignant cells to penetrate normal tissues. It has been detected in globlet cells of normal colon, tumor stroma of colon adenocarcinomas, endothelial and epithelial cells, some lymphocytes, among others.[33]	‡
36924_r_at	secretogranin II (chromogranin C)	Involved in the packaging or sorting of peptide hormones and neuropeptides into secretory vesicles[7].	

37182_at	LIM domain only 6	Involved in protein-protein interactions and in regulating development [8].	
37196_at	cadherin 5, type 2, VE-cadherin (vascular epithelium)	Through control of the cohesion and organization of the intercellular junctions, may have an important role in endothelial cell biology.[1]	
37247_at	transcription factor 21		
37302_at	centromere protein F (350/400kD, mitosin)	May play a role in chromosome segregation during mitotis, and autoantibodies against this protein have been found in patients with cancer.[23]	
37398_at	Cluster Incl AA100961:zn40b06.s1 Homo sapiens cDNA, 3 end /clone=IMAGE-549875 /clone_end=3" /gb=AA100961 /gi=1647433 /ug=Hs.78146 /len=583"		
37406_at	microtubule-associated protein, RP/EB family, member 2	Possible involvement in tumorigenesis of colorectal cancers and proliferative control of normal cells.[12]	
38032_at	KIAA0736 gene product		†
38138_at	S100 calcium-binding protein A11 (calgizzarin)	Has been implicated in tumor metastasis, due to chromosomal rearrangements and altered expression. Also skin diseases and ocular melanoma are possible diseases associated with this gene. [28]	
38174_at	pleckstrin and Sec7 domain protein	Deleted or translocated in rearrangements affecting the NFKB2 gene in lymphoid tumors.[21]	

38177_at	receptor (calcitonin) activity modifying protein 2	This protein is involved in core glycosylation and transportation of adrenomedullin receptor to the cell surface.[16]	
38608_at	Cluster Incl AA010777:ze22f06.r1 Homo sapiens cDNA, 5 end /clone=IMAGE-359747 /clone_end=5" /gb=AA010777 /gi=1471804 /ug=Hs.99923 /len=521"		
39158_at	activating transcription factor 5	Binds DNA. Is a repressor of cAMP-induced transcription.[19]	
39581_at	Cluster Incl AA570193:nf38c11.s1 Homo sapiens cDNA /clone=IMAGE-916052 /gb=AA570193 /gi=2344173 /ug=Hs.2621 /len=450		
39631_at	epithelial membrane protein 2	May be involved in cell proliferation control, differentiation and death.[30]	
39864_at	cold inducible RNA-binding protein	May suppress cell proliferation in response to cold shock.[18]	
39990_at	ISL1 transcription factor, LIM/homeodomain, (islet-1)	Regulates the expression of the insulin gene.[29]	†
40165_at	cutaneous T-cell lymphoma-associated tumor antigen se20-4		
40304_at	bullous pemphigoid antigen 1 (230/240kD)		†
40717_at	cathepsin L2	Cathespin is involved in many normal cellular processes and pathologic conditions. Member of the papain family of cysteine proteinases [25].	

40808_at	chromogranin A (parathyroid secretory protein 1)	May have a part in regulating cell growth.[6]	
40825_at	microtubule-associated protein, RP/EB family, member 3	Possible involvement in tumorigenesis of colorectal cancers and proliferative control of normal cells.[24]	
40879_at	KIAA0699 protein		‡
41107_at	syntaphilin		
41231_f_at	high-mobility group (nonhistone chromosomal) protein 17	May bind DNA with low specificity.[14]	
41289_at	Cluster Incl AA126505:zn86a09.s1 Homo sapiens cDNA, 3 end /clone=IMAGE-565048 /clone_end=3" /gb=AA126505 /gi=1686153 /ug=Hs.237108 /len=713"		
41325_at	potassium channel, subfamily K, member 3 (TASK)	Encodes one of the superfamily of potassium channel proteins.[5]	
41619_at	novel putative protein similar to YIL091C yeast hypothetical 84 kD protein from SGA1-KTR7		
41675_at	KIAA0656 gene product		

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