

Suppl. Table VII: Up and down regulated genes after exposure to TNF- α + IFN- γ for 24h detected by array analysis

probe	GenBank	gene names/functional groups	Symbol	FC	localization
		Cytokine			
1367973_at	NM_031530	chemokine (C-C motif) ligand 13	CCL13	124,1	Extracellular Space
1369814_at	AF053312	chemokine (C-C motif) ligand 20	CCL20	14,9	Extracellular Space
1369983_at	NM_031116	chemokine (C-C motif) ligand 5	CCL5	182,1	Extracellular Space
1379935_at	BF419899	chemokine (C-C motif) ligand 7	CCL7	7,4	Extracellular Space
1387969_at	U22520	chemokine (C-X-C motif) ligand 10	CXCL10	188,8	Extracellular Space
1379365_at	BF281987	chemokine (C-X-C motif) ligand 11	CXCL11	151,4	Extracellular Space
1372064_at	BI296385	chemokine (C-X-C motif) ligand 16	CXCL16	24,7	Extracellular Space
1387316_at	NM_030845	chemokine (C-X-C motif) ligand 2	CXCL2	6,6	Extracellular Space
1373544_at	AI170387	chemokine (C-X-C motif) ligand 9	CXCL9	288,0	Extracellular Space
1382454_at	AI044222	chemokine (C-X-C motif) ligand 9	CXCL9	334,7	Extracellular Space
1372478_at	AI137605	CKLF-like MARVEL transmembrane domain containing 7	CMTM7	-1,7	Extracellular Space
1368375_a_at	AF015718	interleukin 15	IL15	20,4	Extracellular Space
1369665_a_at	AJ222813	interleukin 18 (interferon-gamma-inducing factor)	IL18	2,2	Extracellular Space
1379499_at	BF282228	lymphotoxin beta (TNF superfamily, member 3)	LTB	48,0	Extracellular Space
1389014_at	BI297612	nicotinamide phosphoribosyltransferase	NAMPT	3,8	Extracellular Space
1368044_at	NM_022669	secretogranin II (chromogranin C)	SCG2	-1,9	Extracellular Space
1374279_at	BI288244	small inducible cytokine subfamily E, member 1 (endothelial monocyte-activating)	SCYE1	1,7	Extracellular Space
1379810_at	AI454911	small inducible cytokine subfamily E, member 1 (endothelial monocyte-activating)	SCYE1	2,1	Extracellular Space
		Enzyme			
1398752_at	NM_133297	15 kDa selenoprotein	SEP15	-1,7	Cytoplasm
1382227_at	AW533203	1-acylglycerol-3-phosphate O-acyltransferase 3	AGPAT3	-4,3	Cytoplasm
1368194_at	NM_133406	1-acylglycerol-3-phosphate O-acyltransferase 4 (lysophosphatidic acid acyltransferase, delta)	AGPAT4	1,8	Cytoplasm
1370693_a_at	M18630	2',3'-cyclic nucleotide 3' phosphodiesterase	CNP	1,9	Cytoplasm
1387897_at	L16532	2',3'-cyclic nucleotide 3' phosphodiesterase	CNP	2,5	Cytoplasm
1367777_at	NM_057197	2,4-dienoyl CoA reductase 1, mitochondrial	DECR1	-2,2	Cytoplasm
1371152_a_at	Z18877	2',5'-oligoadenylate synthetase 1, 40/46kDa	OAS1	13,2	Cytoplasm
1388056_at	AF068268	2'-5' oligoadenylate synthetase 1B	OAS1B	6,5	Unknown
1377497_at	BF419319	2'-5'-oligoadenylate synthetase-like	OASL	17,6	Unknown
1371012_at	AJ245707	2-hydroxyacyl-CoA lyase 1	HACL1	-2,5	Cytoplasm
1371421_at	BM391873	3-oxoacid CoA transferase 1	OXCT1	-2,4	Cytoplasm
1395721_at	AW917486	3'-phosphoadenosine 5'-phosphosulfate synthase 2	PAPSS2	-5,2	Cytoplasm
1381768_at	AW535082	5,10-methenyltetrahydrofolate synthetase (5-formyltetrahydrofolate cyclo-ligase)	MTHFS	2,0	Cytoplasm
1391412_at	AA996841	5'-3' exoribonuclease 2	XRN2	1,8	Nucleus
1369962_at	NM_031014	5-aminoimidazole-4-carboxamide ribonucleotide formyltransferase/IMP cyclohydrolase	ATIC	1,7	Unknown
1374523_at	AI231339	6-phosphogluconolactonase	PGLS	-2,1	Cytoplasm
1388988_at	AI175070	abhydrolase domain containing 14B	ABHD14B	-2,4	Cytoplasm
1390455_at	AI013474	abhydrolase domain containing 2	ABHD2	7,1	Unknown
1379854_at	AA996933	abhydrolase domain containing 5	ABHD5	5,3	Cytoplasm
1393197_at	BG376055	abhydrolase domain containing 8	ABHD8	-1,8	Unknown
1367763_at	D13921	acetyl-Coenzyme A acetyltransferase 1	ACAT1	-4,4	Cytoplasm
1383416_at	AA899304	acetyl-Coenzyme A acetyltransferase 1	ACAT1	-2,9	Cytoplasm
1389363_at	AA997430	acireductone dioxygenase 1	ADI1	-1,8	Nucleus
1367589_at	NM_024398	aconitase 2, mitochondrial	ACO2	-1,8	Cytoplasm
1377755_at	AI179403	activating signal cointegrator 1 complex subunit 3	ASCC3	2,2	Nucleus
1386926_at	NM_053607	acyl-CoA synthetase long-chain family member 5	ACSL5	2,2	Cytoplasm
1383303_at	BI282211	acyl-CoA synthetase medium-chain family member 3	ACSM3	-3,6	Cytoplasm
1372782_a_at	BE111787	adenosine monophosphate deaminase 2 (isoform L)	AMPD2	-2,0	Unknown
1367933_at	NM_031011	adenosylmethionine decarboxylase 1	AMD1	-1,6	Unknown
1370505_at	M86341	ADP-ribosylarginine hydrolase	ADPRH	-1,9	Unknown
1367960_at	NM_019186	ADP-ribosylation factor-like 4A	ARL4A	3,2	Nucleus
1380383_at	AI030650	ADP-ribosylation factor-like 4D	ARL4D	-2,1	Nucleus
1372634_at	AI009334	ADP-ribosylhydrolase like 2	ADPRHL2	2,5	Cytoplasm
1388394_at	BI282672	alanyl-tRNA synthetase	AARS	1,8	Cytoplasm
1374661_at	AW524523	aldehyde dehydrogenase 16 family, member A1	ALDH16A1	1,8	Unknown

1368365_at	NM_031731	aldehyde dehydrogenase 3 family, member A2	ALDH3A2	-2,3	Cytoplasm
1387344_at	AI407458	aldehyde dehydrogenase 6 family, member A1	ALDH6A1	-2,2	Cytoplasm
1371567_at	AI411279	aldehyde dehydrogenase 7 family, member A1	ALDH7A1	-3,0	Cytoplasm
1386998_at	NM_012497	aldolase C, fructose-bisphosphate	ALDOC	3,8	Cytoplasm
1371772_at	AI410425	alkB, alkylation repair homolog 3 (E. coli)	ALKBH3	1,9	Nucleus
1377375_at	AA944898	aminoadipate-semialdehyde synthase	AASS	-5,0	Cytoplasm
1367982_at	NM_024484	aminolevulinate, delta-, synthase 1	ALAS1	1,9	Cytoplasm
1372736_at	BG374196	amylase-1, 6-galactosidase, 4-alpha-galactanotransferase	AGL	-4,1	Unknown
1388417_at	BI281876	anaphase promoting complex subunit 5	ANAPC5	-1,8	Nucleus
1383278_at	BF558819	ArfGAP with GTPase domain, ankyrin repeat and PH domain 1	AGAP1	3,1	Cytoplasm
1368916_at	NM_021577	argininosuccinate lyase	ASL	-2,0	Cytoplasm
1372255_at	BF283284	arginyl-tRNA synthetase	RARS	2,7	Cytoplasm
1375973_at	AI600108	ariadne homolog, ubiquitin-conjugating enzyme E2 binding protein, 1 (Drosophila)	ARIH1	3,0	Cytoplasm
1375595_at	AI231433	ariadne homolog, ubiquitin-conjugating enzyme E2 binding protein, 1 (Drosophila)	ARIH1	3,6	Cytoplasm
1368244_at	NM_080890	arsenic (+3 oxidation state) methyltransferase	AS3MT	-2,7	Cytoplasm
1374459_at	AI178448	asparagine-linked glycosylation 2, alpha-1,3-mannosyltransferase homolog (S. cerevisiae)	ALG2	-1,6	Unknown
1382019_at	AA998062	asparagine-linked glycosylation 5, dolichyl-phosphate beta-galactosyltransferase homolog (S. cerevisiae)	ALG5	-1,8	Cytoplasm
1374437_at	BF419336	asparaginyl-tRNA synthetase	NARS	2,3	Cytoplasm
1372421_at	AA943766	aspartylglucosaminidase	AGA	-2,5	Cytoplasm
1370113_at	NM_023987	baculoviral IAP repeat-containing 3	BIRC3	53,0	Cytoplasm
1386773_at	BF524794	biotinidase	BTD	-4,0	Extracellular Space
1388617_at	AW914746	biphenyl hydrolase-like (serine hydrolase)	BPHL	-3,2	Cytoplasm
1370869_at	AI102790	branched chain aminotransferase 1, cytosolic	BCAT1	7,1	Cytoplasm
1388680_at	BM385686	C1GALT1-specific chaperone 1	C1GALT1C1	-2,6	Unknown
1394264_at	BF558607	carbohydrate (N-acetylglucosamine 6-O) sulfotransferase 6	CHST6	-5,3	Cytoplasm
1372372_at	BG372437	carboxymethylenebutenolidase homolog (Pseudomonas)	CMBL	-1,6	Unknown
1392847_at	BE118227	Cas-Br-M (murine) ecotropic retroviral transforming sequence-like 1	CBLL1	1,7	Nucleus
1367995_at	NM_012520	catalase	CAT	2,1	Cytoplasm
1368826_at	NM_012531	catechol-O-methyltransferase	COMT	2,9	Cytoplasm
1368248_at	NM_031242	CDP-diacylglycerol synthase (phosphatidate cytidylyltransferase) 1	CDS1	2,0	Cytoplasm
1388400_at	BG375350	cell division cycle 34 homolog (S. cerevisiae)	CDC34 (includes EG:299602)	2,3	Nucleus
1388286_a_at	L38482	cell division cycle 34 homolog (S. cerevisiae)	CDC34 (includes EG:299602)	2,4	Nucleus
1368419_at	AF202115	ceruloplasmin (ferroxidase)	CP	42,0	Extracellular Space
1368420_at	NM_012532	ceruloplasmin (ferroxidase)	CP	55,0	Extracellular Space
1368418_a_at	AF202115	ceruloplasmin (ferroxidase)	CP	60,3	Extracellular Space
1383313_at	BE120149	checkpoint with forkhead and ring finger domains	CHFR	-1,7	Nucleus
1388977_at	BM390401	choline/ethanolamine phosphotransferase 1	CEPT1	2,2	Cytoplasm
1373561_at	AI012498	chondroitin polymerizing factor	CHPF	-2,4	Cytoplasm
1374537_at	AI406533	chondroitin sulfate synthase 1	CHSY1	-1,9	Cytoplasm
1374190_at	BG380750	citrate lyase beta like	CLYBL	-8,9	Unknown
1369967_at	NM_130755	citrate synthase	CS	2,8	Cytoplasm
1367632_at	NM_017073	coiled-coil domain containing 92	CCDC92 (includes EG:80212)	-2,0	Cytoplasm
1387446_at	NM_022950	core 1 synthase, glycoprotein-N-acetylgalactosamine 3-beta-galactosyltransferase, 1	C1GALT1	2,1	Extracellular Space
1389135_at	AW140637	CTP synthase II	CTPS2	2,3	Unknown
1388855_at	BI284428	cullin 1	CUL1	1,6	Nucleus
1367755_at	NM_052809	cysteine dioxygenase, type I	CDO1	-3,2	Cytoplasm
1379344_at	AI176057	cytochrome b-245, beta polypeptide	CYBB	2,5	Cytoplasm
1370808_at	J03867	cytochrome b5 reductase 3	CYB5R3	-17,4	Cytoplasm
1370827_at	AF307840	cytochrome b5 reductase 4	CYB5R4	1,6	Cytoplasm
1387914_at	M73231	cytochrome P450, family 27, subfamily A, polypeptide 1	CYP27A1	31,5	Cytoplasm
1397405_at	BM385221	DEAD (Asp-Glu-Ala-Asp) box polypeptide 17	DDX17	-4,2	Nucleus
1397529_at	BI296754	DEAD (Asp-Glu-Ala-Asp) box polypeptide 17	DDX17	-2,5	Nucleus
1371362_at	BI285402	DEAD (Asp-Glu-Ala-Asp) box polypeptide 17	DDX17	-1,8	Nucleus
1375901_at	AI178527	DEAD (Asp-Glu-Ala-Asp) box polypeptide 21	DDX21	1,6	Nucleus
1376739_at	AW252511	DEAD (Asp-Glu-Ala-Asp) box polypeptide 24	DDX24	1,5	Nucleus
1368619_at	NM_031630	DEAD (Asp-Glu-Ala-Asp) box polypeptide 25	DDX25	-3,2	Nucleus
1387048_at	NM_053563	DEAD (Asp-Glu-Ala-Asp) box polypeptide 39	DDX39	2,4	Nucleus
1371837_at	AA851926	DEAD (Asp-Glu-Ala-Asp) box polypeptide 5	DDX5	-2,3	Nucleus

1390688_at	AA799576	DEAD (Asp-Glu-Ala-Asp) box polypeptide 50	DDX50	1,5	Nucleus
1391463_at	AI575264	DEAD (Asp-Glu-Ala-Asp) box polypeptide 58	DDX58	14,7	Cytoplasm
1381556_at	BI303853	DEAD (Asp-Glu-Ala-Asp) box polypeptide 60	DDX60	103,4	Unknown
1393432_a_at	AA899840	DEAH (Asp-Glu-Ala-His) box polypeptide 36	DHX36	-2,0	Unknown
1374299_at	BF398414	DEAH (Asp-Glu-Ala-His) box polypeptide 9	DHX9	-1,7	Nucleus
1390172_at	AI409946	dehydrogenase E1 and transketolase domain containing 1	DHTKD1	-1,9	Unknown
1373240_at	BI276935	dehydrogenase/reductase (SDR family) member 3	DHRS3	-2,9	Cytoplasm
1370814_at	AB062758	dehydrogenase/reductase (SDR family) member 4	DHRS4	-9,1	Cytoplasm
1379420_at	AI145019	dehydrogenase/reductase (SDR family) member 7	DHRS7 (includes EG:51635)	-2,2	Unknown
1387865_at	AI411157	deoxyuridine triphosphatase	DUT (includes EG:497778)	-2,6	Unknown
1385439_x_at	BF417541	DEXH (Asp-Glu-X-His) box polypeptide 58	DHX58	11,8	Cytoplasm
1385276_a_at	AA818849	DEXH (Asp-Glu-X-His) box polypeptide 58	DHX58	17,1	Cytoplasm
1373201_at	AI412898	dihydro-lipoamide branched chain transacylase E2	DBT	-1,9	Cytoplasm
1387141_at	NM_023023	dihydropyrimidinase-like 5	DPYSL5	-1,9	Cytoplasm
1393611_at	AA964538	DNA helicase HEL308	HEL308	-3,1	Nucleus
1387780_at	NM_032079	DnaJ (Hsp40) homolog, subfamily A, member 2	DNAJA2	1,7	Nucleus
1368064_a_at	U31884	dopa decarboxylase (aromatic L-amino acid decarboxylase)	DDC	-7,2	Cytoplasm
1370845_at	BI288690	ectonucleoside triphosphate diphosphohydrolase 2	ENTPD2	2,7	Cytoplasm
1373912_at	AI170859	ectonucleotide pyrophosphatase/phosphodiesterase 4 (putative function)	ENPP4	2,8	Unknown
1389207_at	BI282122	egl nine homolog 1 (C. elegans)	EGLN1	2,9	Cytoplasm
1375739_at	BF395171	EH-domain containing 4	EHD4	4,7	Plasma Membrane
1374399_at	AA801107	EH-domain containing 4	EHD4	5,9	Plasma Membrane
1377729_at	BG668988	elongation of very long chain fatty acids (FEN1/Elo2, SUR4/Elo3, yeast)-like 4	ELOVL4	-1,6	Cytoplasm
1388108_at	BE116152	ELOVL family member 6, elongation of long chain fatty acids (FEN1/Elo2, SUR4/Elo3-like, yeast)	ELOVL6	-2,8	Cytoplasm
1386885_at	NM_022594	enoyl Coenzyme A hydratase 1, peroxisomal	ECH1	-1,6	Cytoplasm
1376315_at	BI282297	ER degradation enhancer, mannosidase alpha-like 2	EDEM2	-3,1	Cytoplasm
1372592_at	AI411391	ES cell expressed Ras	ERAS	-1,9	Plasma Membrane
1383346_at	BF387821	excision repair cross-complementing rodent repair deficiency, complementation group 4	ERCC4	-1,5	Nucleus
1392508_at	BE119831	exoribonuclease 1	THEX1	1,7	Unknown
1373393_at	BM384468	exostoses (multiple) 1	EXT1	2,0	Cytoplasm
1371611_at	BM387363	exostoses (multiple) 2	EXT2	-1,6	Cytoplasm
1373147_at	AI145387	F-box and leucine-rich repeat protein 3	FBXL3	-1,5	Nucleus
1372969_at	BI289651	F-box and leucine-rich repeat protein 3	FBXL3	1,7	Nucleus
1392469_at	AI102773	F-box and WD repeat domain containing 2	FBXW2	1,7	Cytoplasm
1389320_at	BF419881	F-box protein 25	FBXO25	-2,5	Unknown
1370820_at	AF393484	F-box protein 6	FBXO6	3,2	Cytoplasm
1399133_at	AW520767	F-box protein 7	FBXO7	2,4	Cytoplasm
1388470_at	AA892772	F-box protein 9	FBXO9	-2,0	Cytoplasm
1370234_at	AA893484	fibronectin 1	FN1	-19,5	Plasma Membrane
1398828_at	U09386	FK506 binding protein 1A, 12kDa	FKBP1A	1,5	Cytoplasm
1384344_at	AI060231	FK506 binding protein 7	FKBP7	-2,1	Cytoplasm
1367737_at	NM_012562	fucosidase, alpha-L- 1, tissue	FUCA1	-2,6	Cytoplasm
1376249_at	BM389993	fucosidase, alpha-L- 2, plasma	FUCA2	-2,9	Extracellular Space
1368314_at	NM_031756	gamma-glutamyl carboxylase	GGCX	-1,9	Cytoplasm
1368307_at	NM_130423	gamma-glutamyltransferase 7	GGT7	-1,8	Unknown
1372859_at	AI598958	GDP-mannose pyrophosphorylase A	GMPPA	-1,7	Unknown
1389265_at	BI284270	glucan (1,4-alpha-), branching enzyme 1	GBE1	1,7	Cytoplasm
1371894_at	AI409037	glucosamine (N-acetyl)-6-sulfatase	GNS	1,7	Cytoplasm
1373669_at	BG374650	glucosamine-6-phosphate deaminase 2	GNPDA2	2,4	Unknown
1373366_at	BM389337	glucosidase, alpha; neutral AB	GANAB	-2,2	Cytoplasm
1367901_at	NM_017015	glucuronidase, beta	GUSB	-2,0	Cytoplasm
1369462_at	NM_012563	glutamate decarboxylase 2 (pancreatic islets and brain, 65kDa)	GAD2	-5,3	Cytoplasm
1370200_at	BI284411	glutamate dehydrogenase 1	GLUD1	-3,2	Cytoplasm
1387878_at	AW916644	glutamate dehydrogenase 1	GLUD1	-2,3	Cytoplasm
1372523_at	AA892770	glutamate-cysteine ligase, catalytic subunit	GCLC	2,3	Cytoplasm
1370030_at	NM_017305	glutamate-cysteine ligase, modifier subunit	GCLM	2,2	Cytoplasm
1367805_at	NM_012569	glutaminase	GLS	-3,4	Cytoplasm
1370375_at	J05499	glutaminase 2 (liver, mitochondrial)	GLS2	-2,8	Cytoplasm

1377761_at	BI296057	glutamine-fructose-6-phosphate transaminase 2	GFPT2	1,5	Unknown
1367705_at	AF319950	glutaredoxin (thioltransferase)	GLRX	-10,5	Cytoplasm
1386908_at	NM_022278	glutaredoxin (thioltransferase)	GLRX	-4,5	Cytoplasm
1367870_at	NM_032614	glutaredoxin 3	GLRX3	2,4	Cytoplasm
1374070_at	AA800587	glutathione peroxidase 2 (gastrointestinal)	GPX2	10,7	Cytoplasm
1387023_at	NM_031154	glutathione S-transferase mu 2 (muscle)	GSTM2	-8,3	Cytoplasm
1389832_at	BE113459	glutathione S-transferase omega 1	GSTO1	1,6	Cytoplasm
1388122_at	X02904	glutathione S-transferase pi 1	GSTP1	6,3	Cytoplasm
1398296_at	NM_032615	glycerophosphodiester phosphodiesterase 1	GDE1	-4,5	Plasma Membrane
1374541_at	BM392117	glycogen synthase 1 (muscle)	GYS1	2,6	Cytoplasm
1368187_at	NM_133298	glycoprotein (transmembrane) nmb	GNPMB	7,3	Plasma Membrane
1388887_at	AI178222	glycoprotein, alpha-galactosyltransferase 1	GGTA1	-1,5	Cytoplasm
1380833_at	AI045802	glycosylphosphatidylinositol specific phospholipase D1	GPLD1	-1,9	Cytoplasm
1387906_a_at	AF107845	GNAS complex locus	GNAS	-3,1	Plasma Membrane
1369897_s_at	BI277035	GNAS complex locus	GNAS	-2,9	Plasma Membrane
1374489_at	BF282573	GTP binding protein 2	GTPBP2	6,8	Unknown
1382351_at	AI069972	GTP binding protein overexpressed in skeletal muscle	GEM	-3,1	Plasma Membrane
1370976_at	BE118966	GTPase activating protein (SH3 domain) binding protein 1	G3BP1	1,9	Nucleus
1367732_at	U34958	guanine nucleotide binding protein (G protein), beta polypeptide 1	GNB1	2,6	Plasma Membrane
1377739_at	AI576549	guanine nucleotide binding protein (G protein), gamma 12	GNG12	3,5	Plasma Membrane
1392905_at	BF552733	guanine nucleotide binding protein (G protein), gamma 2	GNG2	-2,5	Plasma Membrane
1387342_at	BM389548	guanine nucleotide binding protein (G protein), gamma 5	GNG5	3,4	Plasma Membrane
1368332_at	NM_133624	guanylate binding protein 2, interferon-inducible	GBP2	615,9	Cytoplasm
1385051_at	BE108569	guanylate binding protein 4	GBP4 (includes EG:115361)	123,4	Cytoplasm
1382902_at	AA943147	hect domain and RLD 6	HERC6	22,1	Unknown
1370080_at	NM_012580	heme oxygenase (decycling) 1	HMOX1	7,1	Cytoplasm
1373222_at	AI230271	hexosaminidase A (alpha polypeptide)	HEXA	-1,6	Cytoplasm
1395533_at	BF552813	histidyl-tRNA synthetase	HARS	-4,9	Cytoplasm
1388158_at	BG057565	HLA-B associated transcript 1	BAT1	1,7	Nucleus
1370237_at	AA799574	hydroxyacyl-Coenzyme A dehydrogenase	HADH	-6,4	Cytoplasm
1369986_at	NM_033349	hydroxyacylglutathione hydrolase	HAGH	-3,4	Cytoplasm
1387631_at	NM_024390	hydroxyprostaglandin dehydrogenase 15-(NAD)	HPGD	-10,5	Cytoplasm
1376191_at	AA848820	hydroxyprostaglandin dehydrogenase 15-(NAD)	HPGD	-3,9	Cytoplasm
1387608_at	NM_023973	indoleamine-pyrrole 2,3 dioxygenase	INDO	19,8	Cytoplasm
1399123_at	BI302415	integrator complex subunit 6	INTS6	-1,8	Nucleus
1375796_at	BI300770	interferon gamma induced GTPase	IGTP	11,2	Cytoplasm
1376151_a_at	AI407953	interferon gamma induced GTPase	IGTP	16,1	Cytoplasm
1397304_at	AW525366	interferon gamma induced GTPase	IGTP	98,7	Cytoplasm
1377950_at	AA955213	interferon inducible GTPase 1	IIGP1	142,2	Unknown
1373992_at	AI408440	interferon inducible GTPase 1	IIGP1	370,8	Unknown
1390507_at	BI296097	interferon stimulated exonuclease gene 20kDa	ISG20	3,5	Nucleus
1372070_at	BM389261	interferon, gamma-inducible protein 30	IFI30	2,0	Cytoplasm
1379339_at	BM390448	isochorismatase domain containing 1	ISOC1	2,4	Cytoplasm
1370865_at	BI277627	isocitrate dehydrogenase 3 (NAD+) gamma	IDH3G	-1,5	Cytoplasm
1380561_at	BI287928	isoleucyl-tRNA synthetase 2, mitochondrial	IARS2	-2,0	Cytoplasm
1368878_at	NM_053539	isopentenyl-diphosphate delta isomerase 1	IDII	-2,3	Cytoplasm
1389472_at	AI169015	KIAA0859	KIAA0859	1,5	Unknown
1373809_at	BI296325	KIAA1279	KIAA1279	-3,8	Unknown
1370218_at	AA848319	lactate dehydrogenase B	LDHB	-2,2	Cytoplasm
1390561_at	BF282191	ligase IV, DNA, ATP-dependent	LIG4	-1,8	Nucleus
1372884_at	BG381486	like-glycosyltransferase	LARGE	-1,8	Cytoplasm
1368075_at	NM_012732	lipase A, lysosomal acid, cholesterol esterase	LIPA	7,2	Cytoplasm
1371923_at	BG380281	lysophosphatidylcholine acyltransferase 1	LPCAT1	-4,3	Cytoplasm
1372006_at	BM391274	lysyl oxidase-like 2	LOXL2	-3,4	Extracellular Space
1380474_at	AI013470	lysyl oxidase-like 2	LOXL2	-2,0	Extracellular Space
1371662_at	AA892250	lysyl-tRNA synthetase	KARS	3,4	Cytoplasm
1369868_at	NM_053946	magnesium transporter 1	MAGT1	-1,6	Extracellular Space
1372790_at	BG671530	malate dehydrogenase 1, NAD (soluble)	MDH1	-3,4	Cytoplasm

1367653_a_at	NM_033235	malate dehydrogenase 1, NAD (soluble)	MDH1	-1,9	Cytoplasm
1383574_at	AI502956	mannosidase, alpha, class 1A, member 1	MAN1A1	4,7	Cytoplasm
1374696_at	AI170182	mannosidase, alpha, class 1A, member 2	MAN1A2	3,7	Cytoplasm
1388667_at	AI178793	mannosidase, alpha, class 2A, member 1	MAN2A1	-2,8	Cytoplasm
1377463_at	BE099244	mannosidase, alpha, class 2A, member 2	MAN2A2	2,2	Cytoplasm
1388699_at	BE114558	mannosidase, alpha, class 2B, member 1	MAN2B1	-2,2	Cytoplasm
1371875_at	BM388852	mannosidase, beta A, lysosomal	MANBA	3,0	Cytoplasm
1367796_at	NM_030861	mannosyl (alpha-1,3-)-glycoprotein beta-1,2-N-acetylglucosaminyltransferase	MGAT1	-1,6	Cytoplasm
1395741_at	BF548107	meningioma expressed antigen 5 (hyaluronidase)	MGEA5	-1,7	Unknown
1370129_at	NM_131904	meningioma expressed antigen 5 (hyaluronidase)	MGEA5	6,1	Unknown
1383025_at	BE097791	meningioma expressed antigen 5 (hyaluronidase)	MGEA5	9,6	Unknown
1371031_at	AI454484	methionine adenosyltransferase I, alpha	MAT1A	3,5	Cytoplasm
1376852_at	BI274460	methylcrotonoyl-Coenzyme A carboxylase 1 (alpha)	MCCC1	-1,8	Cytoplasm
1368181_at	NM_022508	methylenetetrahydrofolate dehydrogenase (NADP+ dependent) 1, methenyltetrahydrofolate cyclohydrolase, formyltetrahydrofolate synthetase	MTHFD1	5,2	Cytoplasm
1393152_at	AI007821	methylmalonyl Coenzyme A mutase	MUT	-1,8	Cytoplasm
1397644_at	BI278369	methylthioadenosine phosphorylase	MTAP (includes EG:298227)	2,7	Unknown
1379858_at	AA955134	methyltransferase like 2B	METTL2B	1,6	Unknown
1373241_at	AW252569	mitochondrial ribosomal protein L49	MRPL49	-1,9	Cytoplasm
1377493_at	BM386301	mitochondrial translation optimization 1 homolog (S. cerevisiae)	MTO1	3,2	Cytoplasm
1371717_at	AA943135	mitofusin 1	MFN1	2,2	Cytoplasm
1368514_at	NM_013198	monoamine oxidase B	MAOB	-5,6	Cytoplasm
1374725_at	AW252811	Mov10, Moloney leukemia virus 10, homolog (mouse)	MOV10	13,6	Nucleus
1372863_at	BF409872	MYC binding protein 2	MYCBP2	2,3	Nucleus
1387866_at	AI178160	myosin IXB	MYO9B	2,5	Cytoplasm
1371725_at	BM392410	myosin, heavy chain 9, non-muscle	MYH9	1,8	Cytoplasm
1374606_at	BF283073	MYST histone acetyltransferase 1	MYST1	-1,6	Nucleus
1387283_at	NM_134350	myxovirus (influenza virus) resistance 1, interferon-inducible protein p78 (mouse)	MX1	12,2	Nucleus
1369202_at	NM_017028	myxovirus (influenza virus) resistance 1, interferon-inducible protein p78 (mouse)	MX1	12,5	Nucleus
1371015_at	X52711	myxovirus (influenza virus) resistance 2 (mouse)	MX2	31,5	Nucleus
1397556_at	BF563329	N-acetyltransferase 13 (GCN5-related)	NAT13	3,2	Cytoplasm
1369077_at	NM_053407	N-acylsphingosine amidohydrolase (acid ceramidase) 1	ASAH1	-2,7	Cytoplasm
1387599_a_at	J02679	NAD(P)H dehydrogenase, quinone 1	NQO1	3,8	Cytoplasm
1391126_at	BG379351	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 12	NDUFA12	-4,5	Cytoplasm
1389288_at	BI279838	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 2, 8kDa	NDUFA2	-1,6	Cytoplasm
1371323_at	BG666002	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 4, 9kDa	NDUFA4	-2,1	Cytoplasm
1371346_at	AI104528	NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 6, 17kDa	NDUFB6	-1,5	Cytoplasm
1371314_at	BM389736	neural precursor cell expressed, developmentally down-regulated 4	NEDD4	-2,4	Cytoplasm
1387859_at	AI410876	NFS1 nitrogen fixation 1 homolog (S. cerevisiae)	NFS1	-2,1	Cytoplasm
1371483_at	AA891872	nicotinamide nucleotide transhydrogenase	NNT	-1,6	Cytoplasm
1387667_at	L12562	nitric oxide synthase 2, inducible	NOS2	57,8	Cytoplasm
1398049_at	BF405475	nitrilase 1	NIT1	-1,8	Unknown
1375522_at	AI010491	N-myristoyltransferase 1	NMT1	2,9	Cytoplasm
1372364_a_at	AA894101	N-terminal asparagine amidase	NTAN1	-1,8	Nucleus
1384009_at	AI535383	nuclear prelamin A recognition factor	NARF	-2,0	Nucleus
1372763_at	AI407545	nuclear undecaprenyl pyrophosphate synthase 1 homolog (S. cerevisiae)	NUS1 (includes EG:52014)	-2,1	Unknown
1392522_at	AA925790	nuclear undecaprenyl pyrophosphate synthase 1 homolog (S. cerevisiae)	NUS1 (includes EG:52014)	5,0	Unknown
1368173_at	NM_021754	nucleolar protein NOP5/NOP58	NOP5/NOP58	1,9	Nucleus
1368311_at	NM_012861	O-6-methylguanine-DNA methyltransferase	MGMT	3,7	Nucleus
1370543_at	U76557	O-linked N-acetylglucosamine (GlcNAc) transferase (UDP-N-acetylglucosamine:polypeptide-N-acetylglucosaminyl transferase)	OGT	-2,2	Cytoplasm
1388758_at	AI009074	O-linked N-acetylglucosamine (GlcNAc) transferase (UDP-N-acetylglucosamine:polypeptide-N-acetylglucosaminyl transferase)	OGT	-1,5	Cytoplasm
1370163_at	BF281299	ornithine decarboxylase 1	ODC1	4,3	Cytoplasm
1376118_at	BE109604	OTU domain, ubiquitin aldehyde binding 2	OTUB2	-5,7	Unknown
1370236_at	AI234353	palmitoyl-protein thioesterase 1	PPT1	-2,4	Cytoplasm
1371697_at	BI278288	patatin-like phospholipase domain containing 2	PNPLA2	2,5	Cytoplasm
1367687_a_at	M25719	peptidylglycine alpha-amidating monooxygenase	PAM	-2,4	Plasma Membrane
1379665_at	AI177835	peptidylprolyl isomerase domain and WD repeat containing 1	PPWD1	1,8	Nucleus
1383666_at	BG378435	peptidyl-tRNA hydrolase 1 homolog (S. cerevisiae)	PTRH1	2,1	Unknown
1389655_at	AA892330	peptidyl-tRNA hydrolase 2	PTRH2	3,3	Cytoplasm

1367591_at	NM_022540	peroxiredoxin 3	PRDX3	-1,6	Cytoplasm
1368262_at	NM_021657	PH domain and leucine rich repeat protein phosphatase	PHLPP	2,2	Cytoplasm
1389299_at	BG673255	phosphate cytidyltransferase 1, choline, alpha	PCYT1A	1,6	Cytoplasm
1371863_at	BM387059	phosphatidylglycerophosphate synthase 1	PGS1	2,6	Cytoplasm
1388793_at	AI408261	phosphatidylinositol glycan anchor biosynthesis, class Q	PIGQ	-4,0	Cytoplasm
1373099_at	BI284221	phosphatidylinositol glycan anchor biosynthesis, class S	PIGS	-1,8	Cytoplasm
1372900_at	BI274156	phosphatidylinositol glycan anchor biosynthesis, class T	PIGT	-1,7	Cytoplasm
1372532_at	BI289477	phosphatidylinositol transfer protein, membrane-associated 2	PITPNM2	2,0	Cytoplasm
1370669_a_at	AB027156	phosphodiesterase 10A	PDE10A	-4,3	Cytoplasm
1368438_at	NM_022236	phosphodiesterase 10A	PDE10A	-2,6	Cytoplasm
1384400_at	BM389421	phosphodiesterase 4C, cAMP-specific (phosphodiesterase E1 dunce homolog, Drosophila)	PDE4C	2,6	Cytoplasm
1391577_at	BI293450	phosphoglycerate mutase family member 5	PGAM5	1,5	Cytoplasm
1378382_at	AI230014	phosphoglycerate mutase family member 5	PGAM5	1,6	Cytoplasm
1371014_at	BE097028	phospholipase C, beta 1 (phosphoinositide-specific)	PLCB1	-1,6	Cytoplasm
1370530_a_at	AB000779	phospholipase D1, phosphatidylcholine-specific	PLD1	2,8	Cytoplasm
1369029_at	NM_057194	phospholipid scramblase 1	PLSCR1	3,2	Plasma Membrane
1373417_at	BI285973	phospholipid scramblase 3	PLSCR3	3,4	Cytoplasm
1387271_at	NM_053674	phytanoyl-CoA 2-hydroxylase	PHYH	-2,1	Cytoplasm
1392890_at	BG663460	platelet-activating factor acetylhydrolase, isoform Ib, alpha subunit 45kDa	PAFAH1B1	-2,5	Cytoplasm
1387807_at	NM_031763	platelet-activating factor acetylhydrolase, isoform Ib, alpha subunit 45kDa	PAFAH1B1	1,8	Cytoplasm
1369963_at	NM_053654	platelet-activating factor acetylhydrolase, isoform Ib, gamma subunit 29kDa	PAFAH1B3	2,3	Cytoplasm
1389784_at	AI177507	pogo transposable element with ZNF domain	POGZ	-1,6	Nucleus
1399093_at	BM392394	polyamine oxidase (exo-N4-amino)	PAOX (includes EG:196743)	-1,9	Cytoplasm
1397164_at	AI175779	polymerase (DNA directed), alpha 2 (70kD subunit)	POLA2	2,7	Nucleus
1371595_at	BM384301	polymerase (DNA directed), alpha 2 (70kD subunit)	POLA2	9,4	Nucleus
1388883_at	BF281976	polymerase (DNA-directed), delta 4	POLD4	-4,3	Nucleus
1387268_at	NM_031773	polymerase (RNA) I polypeptide B, 128kDa	POLR1B	1,8	Nucleus
1380256_at	BE103946	polymerase (RNA) III (DNA directed) polypeptide C (62kD)	POLR3C	2,0	Nucleus
1391496_at	AA819635	polymerase (RNA) III (DNA directed) polypeptide F, 39 kDa	POLR3F	-1,6	Nucleus
1382604_at	BE117925	polymerase (RNA) III (DNA directed) polypeptide G (32kD)	POLR3G	-1,7	Nucleus
1399035_at	BE097233	polymerase (RNA) III (DNA directed) polypeptide H (22.9kD)	POLR3H	-1,7	Nucleus
1383722_at	H33436	proline synthetase co-transcribed homolog (bacterial)	PROSC	-4,9	Cytoplasm
1371963_at	BF395042	propionyl Coenzyme A carboxylase, alpha polypeptide	PCCA	-1,5	Cytoplasm
1368259_at	NM_017043	prostaglandin-endoperoxide synthase 1 (prostaglandin G/H synthase and cyclooxygenase)	PTGS1	7,4	Cytoplasm
1368527_at	U03389	prostaglandin-endoperoxide synthase 2 (prostaglandin G/H synthase and cyclooxygenase)	PTGS2	1,7	Cytoplasm
1386897_at	NM_024363	protein arginine methyltransferase 1	PRMT1	1,8	Nucleus
1388717_at	BM384163	protein O-fucosyltransferase 2	POFUT2	-3,1	Cytoplasm
1377079_a_at	BF386283	protoporphyrinogen oxidase	PPOX	-2,1	Cytoplasm
1369989_at	NM_022601	pyridoxamine 5'-phosphate oxidase	PNPO	-1,7	Unknown
1377576_at	AA891800	pyrophosphatase (inorganic) 2	PPA2	-2,0	Cytoplasm
1398429_at	AA893184	pyruvate dehydrogenase complex, component X	PDHX	2,1	Cytoplasm
1383238_at	AI060136	queuine tRNA-ribosyltransferase 1	QTRT1	1,8	Unknown
1368847_at	NM_017359	RAB10, member RAS oncogene family	RAB10	1,6	Cytoplasm
1374069_at	BE118560	RAB11A, member RAS oncogene family	RAB11A	-1,7	Cytoplasm
1371871_at	AI409731	RAB12, member RAS oncogene family	RAB12	1,9	Cytoplasm
1383089_at	BM386264	RAB21, member RAS oncogene family	RAB21	2,5	Cytoplasm
1389692_at	BM391905	RAB22A, member RAS oncogene family	RAB22A	-2,1	Cytoplasm
1376409_at	AI176677	RAB23, member RAS oncogene family	RAB23	-1,7	Cytoplasm
1377669_at	BM389524	RAB27A, member RAS oncogene family	RAB27A	-2,9	Cytoplasm
1375985_at	BF282984	RAB2B, member RAS oncogene family	RAB2B	-1,8	Plasma Membrane
1370055_at	M83681	RAB3D, member RAS oncogene family	RAB3D	-2,0	Cytoplasm
1388800_at	AI406667	RAB5A, member RAS oncogene family	RAB5A	1,6	Cytoplasm
1388823_at	BI274642	RAB5B, member RAS oncogene family	RAB5B	2,0	Cytoplasm
1387186_at	NM_053458	RAB9A, member RAS oncogene family	RAB9A	2,6	Cytoplasm
1370913_at	AI409634	radical S-adenosyl methionine domain containing 2	RSAD2	150,8	Unknown
1367590_at	NM_053439	RAN, member RAS oncogene family	RAN	2,2	Nucleus
1369958_at	NM_022542	ras homolog gene family, member B	RHOB	-2,4	Cytoplasm
1373774_at	AI412619	Ras-like without CAAX 2	RIT2	-6,9	Plasma Membrane

1383699_at	BG673521	Ras-like without CAAX 2	RIT2	-1,9	Plasma Membrane
1371723_at	BE110635	Ras-related GTP binding C	RRAGC	3,3	Cytoplasm
1373427_at	BI288816	Ras-related GTP binding D	RRAGD	4,2	Cytoplasm
1372133_at	AA955287	related RAS viral (r-ras) oncogene homolog 2	RRAS2	2,7	Plasma Membrane
1382058_at	BI292115	related RAS viral (r-ras) oncogene homolog 2	RRAS2	2,8	Plasma Membrane
1384391_at	BE096510	retinol dehydrogenase 10 (all-trans)	RDH10	3,7	Unknown
1374680_at	AA858731	retinol dehydrogenase 13 (all-trans/9-cis)	RDH13	1,9	Cytoplasm
1389217_at	AI599568	RFNG O-fucosylpeptide 3-beta-N-acetylglucosaminyltransferase	RFNG	-2,0	Cytoplasm
1386062_at	AI060227	Rho family GTPase 3	RND3	2,7	Cytoplasm
1376066_at	AI103572	Rho family GTPase 3	RND3	3,0	Cytoplasm
1389632_at	AA799294	Rho-related BTB domain containing 1	RHOBTB1	-3,3	Unknown
1378181_at	BI279714	ribonuclease P/MRP 40kDa subunit	RPP40	2,0	Nucleus
1375211_at	BM391506	ribonuclease T2	RNASET2	1,6	Extracellular Space
1398776_at	NM_031698	ribophorin II	RPN2	-1,6	Cytoplasm
1389202_at	AA944520	ribulose-5-phosphate-3-epimerase	RPE	1,6	Unknown
1376554_at	BE121079	ring finger protein 139	RNF139	1,7	Cytoplasm
1376440_at	BF391522	ring finger protein 139	RNF139	2,9	Cytoplasm
1383679_at	BF411972	ring finger protein 31	RNF31	2,6	Cytoplasm
1383004_at	BF397074	S-adenosylhomocysteine hydrolase-like 1	AHCYL1	-3,4	Cytoplasm
1371844_at	AW144530	S-adenosylhomocysteine hydrolase-like 1	AHCYL1	-1,8	Cytoplasm
1373078_at	AI409271	S-adenosylhomocysteine hydrolase-like 2	AHCYL2	-2,1	Unknown
1367470_at	AA851321	SAR1 homolog A (S. cerevisiae)	SAR1A	-2,1	Cytoplasm
1398353_at	AI236260	SAR1 homolog A (S. cerevisiae)	SAR1A	2,3	Cytoplasm
1379957_at	BE107457	schlafen family member 13	SLFN13	23,8	Nucleus
1374524_at	BM384384	selenocysteine lyase	SCLY	6,4	Cytoplasm
1393256_at	AI137711	selenophosphate synthetase 1	SEPHS1	-1,6	Unknown
1367593_at	NM_013027	selenoprotein W, 1	SEPW1	1,9	Cytoplasm
1374457_at	AI180194	serine palmitoyltransferase, long chain base subunit 2	SPTLC2	2,3	Cytoplasm
1375441_at	BI278468	seryl-tRNA synthetase	SARS	2,4	Cytoplasm
1372376_at	BF408879	SET domain containing 2	SETD2	1,7	Cytoplasm
1387266_at	NM_080905	seven in absentia homolog 1 (Drosophila)	SIAH1	2,2	Nucleus
1390096_at	BF284481	SH3-domain GRB2-like endophilin B1	SH3GLB1	-2,0	Cytoplasm
1382007_at	AA964563	SH3-domain GRB2-like endophilin B1	SH3GLB1	2,4	Cytoplasm
1381203_at	AA819246	SH3-domain GRB2-like endophilin B1	SH3GLB1	2,6	Cytoplasm
1370902_at	AI233740	similar to aldo-keto reductase family 1, member B10	TCAG7.1260	16,2	Cytoplasm
1388565_at	BI289536	spastic paraplegia 21 (autosomal recessive, Mast syndrome)	SPG21	3,6	Plasma Membrane
1371774_at	AA893220	spermidine/spermine N1-acetyltransferase 1	SAT1	8,7	Cytoplasm
1375889_at	AI228536	spermine synthase	SMS	-2,0	Unknown
1388552_at	BI283738	sphingomyelin phosphodiesterase 1, acid lysosomal	SMPD1	-1,7	Cytoplasm
1368991_at	NM_053605	sphingomyelin phosphodiesterase 3, neutral membrane (neutral sphingomyelinase II)	SMPD3	-2,2	Cytoplasm
1384106_at	AW141276	sphingomyelin synthase 1	SGMS1	8,6	Cytoplasm
1393919_at	AW535116	sphingomyelin synthase 2	SGMS2	4,0	Plasma Membrane
1387017_at	NM_017136	squalene epoxidase	SQLE	-1,5	Cytoplasm
1373607_at	BF418530	ST3 beta-galactoside alpha-2,3-sialyltransferase 3	ST3GAL3	-1,5	Cytoplasm
1370907_at	M83143	ST6 beta-galactosamide alpha-2,6-sialyltransferase 1	ST6GAL1	-4,8	Cytoplasm
1387435_at	NM_013029	ST8 alpha-N-acetyl-neuraminide alpha-2,8-sialyltransferase 3	ST8SIA3	-2,5	Cytoplasm
1370355_at	J02585	stearoyl-CoA desaturase (delta-9-desaturase)	SCD	2,1	Cytoplasm
1386889_at	BE107760	stearoyl-Coenzyme A desaturase 2	SCD2	-3,4	Cytoplasm
1388253_at	M15114	stearoyl-Coenzyme A desaturase 2	SCD2	-1,6	Cytoplasm
1373869_at	AI012418	sterol O-acyltransferase 1	SOAT1	-4,0	Cytoplasm
1374976_a_at	AI548897	sterol O-acyltransferase 1	SOAT1	-2,2	Cytoplasm
1387926_at	AB052846	sterol-C5-desaturase (ERG3 delta-5-desaturase homolog, S. cerevisiae)-like	SC5DL	-2,1	Cytoplasm
1389309_at	AW251323	strawberry notch homolog 1 (Drosophila)	SBN01	2,2	Unknown
1372510_at	AI172302	sulfiredoxin 1 homolog (S. cerevisiae)	SRXN1	2,9	Cytoplasm
1384331_at	H31896	sulfiredoxin 1 homolog (S. cerevisiae)	SRXN1	4,4	Cytoplasm
1370036_at	NM_031127	sulfite oxidase	SUOX	-8,0	Cytoplasm
1370173_at	BG671549	superoxide dismutase 2, mitochondrial	SOD2	5,5	Cytoplasm
1370172_at	AA892254	superoxide dismutase 2, mitochondrial	SOD2	9,2	Cytoplasm

1375981_a_at	AA997899	suppressor of variegation 3-9 homolog 1 (Drosophila)	SUV39H1	4,5	Nucleus
1390198_at	AW523642	suppressor of variegation 4-20 homolog 1 (Drosophila)	SUV420H1	-2,6	Nucleus
1398762_at	NM_031986	syndecan binding protein (syntenin)	SDCBP	1,6	Plasma Membrane
1372008_at	BM385175	tafazzin	TAZ	-1,7	Nucleus
1376999_at	BF389721	tankyrase, TRF1-interacting ankyrin-related ADP-ribose polymerase 2	TNKS2	-1,8	Nucleus
1398839_at	NM_053800	thioredoxin	TXN	1,7	Cytoplasm
1398844_at	AA800180	thioredoxin 2	TXN2	1,5	Cytoplasm
1367510_at	BG381690	thioredoxin domain containing 15	TXNDC15	-2,4	Unknown
1386958_at	U63923	thioredoxin reductase 1	TXNRD1	2,3	Cytoplasm
1372145_at	BI289683	threonyl-tRNA synthetase	TARS	1,7	Nucleus
1388650_at	BM385445	topoisomerase (DNA) II alpha 170kDa	TOP2A	-16,3	Nucleus
1372868_at	BF284295	torsin family 3, member A	TOR3A	2,6	Unknown
1378675_at	BE119678	transglutaminase 3 (E polypeptide, protein-glutamine-gamma-glutamyltransferase)	TGM3	-2,5	Cytoplasm
1377854_at	AI406343	transmembrane protein 62	TMEM62	2,2	Unknown
1374133_at	BG373110	tRNA isopentenyltransferase 1	TRIT1	2,2	Cytoplasm
1395124_at	BE101688	tryptophanyl-tRNA synthetase	WARS	5,6	Cytoplasm
1388574_at	BG670966	tryptophanyl-tRNA synthetase	WARS	6,1	Cytoplasm
1398994_at	BI301193	tyrosylprotein sulfotransferase 2	TPST2	-2,4	Cytoplasm
1372009_at	AI407490	tyrosyl-tRNA synthetase	YARS	2,2	Cytoplasm
1392199_at	BF398981	ubiquitin protein ligase E3 component n-recognin 5	UBR5	-3,8	Nucleus
1373409_at	BI294738	ubiquitin protein ligase E3C	UBE3C	-1,7	Nucleus
1372888_at	BI294856	ubiquitination factor E4A (UFD2 homolog, yeast)	UBE4A	-2,0	Cytoplasm
1376862_at	BI296848	ubiquitination factor E4B (UFD2 homolog, yeast)	UBE4B	-1,8	Cytoplasm
1373495_at	AW915822	ubiquitin-conjugating enzyme E2, J1 (UBC6 homolog, yeast)	UBE2J1	3,8	Cytoplasm
1371764_at	AI411771	ubiquitin-conjugating enzyme E2, J2 (UBC6 homolog, yeast)	UBE2J2	1,5	Cytoplasm
1375642_at	AA892795	ubiquitin-conjugating enzyme E2B (RAD6 homolog)	UBE2B	-1,6	Cytoplasm
1399160_a_at	U13177	ubiquitin-conjugating enzyme E2D 3 (UBC4/5 homolog, yeast)	UBE2D3	3,3	Cytoplasm
1388798_at	AW921519	ubiquitin-conjugating enzyme E2E 2 (UBC4/5 homolog, yeast)	UBE2E2	4,7	Cytoplasm
1375663_at	AI232346	ubiquitin-conjugating enzyme E2F (putative)	UBE2F	1,7	Cytoplasm
1373037_at	BI279216	ubiquitin-conjugating enzyme E2L 6	UBE2L6	17,6	Cytoplasm
1372788_at	AI144725	ubiquitin-conjugating enzyme E2Q family member 1	UBE2Q1	-1,6	Unknown
1376314_at	AI172148	ubiquitin-conjugating enzyme E2Q family member 2	UBE2Q2	-2,1	Unknown
1372119_at	BM389270	ubiquitin-like modifier activating enzyme 5	UBA5	2,3	Cytoplasm
1379633_a_at	BE096453	ubiquitin-like modifier activating enzyme 7	UBA7	8,1	Cytoplasm
1368858_at	L21698	UDP glycosyltransferase 8	UGT8	-4,3	Cytoplasm
1368346_at	NM_133553	UDP-Gal:betaGlcNAc beta 1,3-galactosyltransferase, polypeptide 4	B3GALT4	-2,1	Cytoplasm
1387206_at	NM_031740	UDP-Gal:betaGlcNAc beta 1,4- galactosyltransferase, polypeptide 6	B4GALT6	-2,6	Cytoplasm
1367938_at	NM_031325	UDP-glucose dehydrogenase	UGDH	3,7	Nucleus
1388410_at	AI170679	UDP-glucose pyrophosphorylase 2	UGP2	1,9	Cytoplasm
1387554_at	NM_031796	UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 5 (GalNAc-T5)	GALNT5	-3,3	Cytoplasm
1368245_at	NM_053845	ureidopropionase, beta	UPB1	-4,4	Cytoplasm
1372578_at	AI704469	valyl-tRNA synthetase	VARS	2,4	Cytoplasm
1389253_at	BI289085	vanin 1	VNN1	-2,8	Plasma Membrane
1388330_at	BM384958	vitamin K epoxide reductase complex, subunit 1	VKORC1	-2,3	Cytoplasm
1368405_at	NM_031093	v-ral simian leukemia viral oncogene homolog A (ras related)	RALA	3,7	Cytoplasm
1387001_at	NM_053821	v-ral simian leukemia viral oncogene homolog B (ras related; GTP binding protein)	RALB	2,0	Cytoplasm
1390820_at	BE108198	zinc finger, CCHC domain containing 11	ZCCHC11	2,2	Nucleus
1370828_at	AF228917	zinc finger, DHHC-type containing 2	ZDHHC2	-2,1	Nucleus
G-protein coupled receptor					
1376714_at	AI236072	antagonist of mitotic exit network 1 homolog (S. cerevisiae)	AMN1	1,6	Plasma Membrane
1388994_at	AW917849	frizzled homolog 6 (Drosophila)	FZD6	-1,6	Plasma Membrane
1374530_at	AI010048	frizzled homolog 7 (Drosophila)	FZD7	5,0	Plasma Membrane
1374648_at	BM390626	G protein-coupled receptor 155	GPR155	-10,8	Plasma Membrane
1382739_at	AI045718	G protein-coupled receptor 19	GPR19	8,4	Plasma Membrane
1371696_at	AI412938	G protein-coupled receptor 56	GPR56	1,6	Plasma Membrane
1369792_at	U12006	G protein-coupled receptor 6	GPR6	-17,1	Plasma Membrane
1388039_a_at	AF283276	gamma-aminobutyric acid (GABA) B receptor, 1	GABBR1	-1,8	Plasma Membrane
1368481_at	NM_012714	gastric inhibitory polypeptide receptor	GIPR	-8,1	Plasma Membrane

1369699_at	NM_012728	glucagon-like peptide 1 receptor	GLP1R	-2,5	Plasma Membrane
1389257_at	BI288578	LanC lantibiotic synthetase component C-like 2 (bacterial)	LANCL2	-1,8	Plasma Membrane
1370606_at	U22830	purinergic receptor P2Y, G-protein coupled, 1	P2RY1	-6,5	Plasma Membrane
1377702_at	BG380173	purinergic receptor P2Y, G-protein coupled, 5	P2RY5	-2,4	Plasma Membrane
1385839_x_at	BF287928	TM2 domain containing 1	TM2D1	-1,6	Plasma Membrane
1367550_a_at	BI287742	TM2 domain containing 1	TM2D1	-1,6	Plasma Membrane
1385838_a_at	BF287928	TM2 domain containing 1	TM2D1	-1,5	Plasma Membrane
1387177_at	NM_017238	vasoactive intestinal peptide receptor 2	VIPR2	-9,0	Plasma Membrane
Growth factor					
1368945_at	NM_017178	bone morphogenetic protein 2	BMP2	2,3	Extracellular Space
1387663_at	NM_031032	glia maturation factor, beta	GMFB	9,6	Cytoplasm
1386893_at	NM_017113	granulin	GRN	4,5	Extracellular Space
1374706_at	BF407916	growth differentiation factor 11	GDF11	-1,7	Extracellular Space
1370153_at	NM_019216	growth differentiation factor 15	GDF15	6,5	Extracellular Space
1367817_at	NM_053707	hepatoma-derived growth factor (high-mobility group protein 1-like)	HDGF	1,7	Extracellular Space
1368725_at	NM_019147	jagged 1 (Alagille syndrome)	JAG1	5,2	Extracellular Space
1370427_at	L06238	platelet-derived growth factor alpha polypeptide	PDGFA	2,9	Extracellular Space
1376425_at	BF420705	transforming growth factor, beta 2	TGFB2	-6,2	Extracellular Space
1378963_at	AA963004	transforming growth factor, beta 2	TGFB2	-3,4	Extracellular Space
1387172_a_at	NM_031131	transforming growth factor, beta 2	TGFB2	-2,2	Extracellular Space
Ion channel					
1368143_at	AI013902	annexin A7	ANXA7	1,6	Plasma Membrane
1387042_at	NM_012828	calcium channel, voltage-dependent, beta 3 subunit	CACNB3	1,6	Plasma Membrane
1368398_at	NM_031601	calcium channel, voltage-dependent, T type, alpha 1H subunit	CACNA1H	-1,6	Plasma Membrane
1377765_at	AA848723	chloride intracellular channel 4	CLIC4	6,4	Cytoplasm
1369904_at	NM_012956	gamma-aminobutyric acid (GABA) A receptor, beta 1	GABRB1	-1,9	Plasma Membrane
1376892_at	AI102061	glutamate receptor, ionotropic, AMPA 3	GRIA3	-5,0	Plasma Membrane
1368401_at	M85035	glutamate receptor, ionotropic, AMPA 2	GRIA2	-2,6	Plasma Membrane
1372724_at	BI284904	glutamate receptor, ionotropic, N-methyl D-aspartate-associated protein 1 (glutamate binding)	GRINA	2,8	Unknown
1368005_at	NM_013138	inositol 1,4,5-triphosphate receptor, type 3	ITPR3	1,8	Cytoplasm
1386750_at	BF290862	polycystic kidney disease 2-like 2	PKD2L2	2,0	Unknown
1387441_at	NM_033376	potassium channel, subfamily K, member 3	KCNK3	-1,6	Plasma Membrane
1370111_at	NM_019314	potassium intermediate/small conductance calcium-activated channel, subfamily N, member 2	KCNN2	-1,8	Plasma Membrane
1368626_at	NM_019315	potassium intermediate/small conductance calcium-activated channel, subfamily N, member 3	KCNN3	2,7	Plasma Membrane
1387698_at	AB043638	potassium inwardly-rectifying channel, subfamily J, member 11	KCNJ11	-2,5	Plasma Membrane
1369334_at	NM_031828	potassium large conductance calcium-activated channel, subfamily M, alpha member 1	KCNMA1	-2,0	Plasma Membrane
1391546_at	AI412209	potassium voltage-gated channel, KQT-like subfamily, member 2	KCNQ2	-4,5	Plasma Membrane
1379836_at	BF400850	potassium voltage-gated channel, KQT-like subfamily, member 3	KCNQ3	2,4	Plasma Membrane
1378738_at	BE097574	potassium voltage-gated channel, shaker-related subfamily, beta member 1	KCNAB1	-2,1	Plasma Membrane
1369017_at	NM_053937	potassium voltage-gated channel, subfamily H (eag-related), member 6	KCNH6	-4,1	Plasma Membrane
1369691_at	NM_013119	sodium channel, voltage-gated, type III, alpha subunit	SCN3A	-1,8	Plasma Membrane
1370850_at	AA685184	sodium channel, voltage-gated, type III, beta	SCN3B	-1,9	Plasma Membrane
1370411_at	AF061266	transient receptor potential cation channel, subfamily C, member 1	TRPC1	-2,4	Plasma Membrane
1384238_at	BM385249	tweety homolog 2 (Drosophila)	TTYH2	-3,8	Unknown
Kinase					
1381220_at	BM383968	activin A receptor, type IIA	ACVR2A	2,1	Plasma Membrane
1371824_at	AA891949	adenylate kinase 3-like 2	AK3L2 (includes EG:645619)	22,2	Cytoplasm
1373494_at	BE120831	breakpoint cluster region	BCR	3,4	Cytoplasm
1389029_at	BE108923	bromodomain containing 3	BRD3	-2,0	Nucleus
1372855_at	BF287135	bromodomain containing 4	BRD4	-3,5	Nucleus
1372351_at	AI229448	bromodomain containing 4	BRD4	1,5	Nucleus
1391229_at	BG381458	calcium/calmodulin-dependent protein kinase IG	CAMK1G	-2,5	Cytoplasm
1368834_at	AA894330	calcium/calmodulin-dependent protein kinase II delta	CAMK2D	2,1	Cytoplasm
1395914_at	AA684862	casein kinase 1, delta	CSNK1D	-2,8	Cytoplasm
1370819_at	AB063114	casein kinase 1, delta	CSNK1D	2,1	Cytoplasm
1370527_a_at	L07578	casein kinase 1, delta	CSNK1D	3,7	Cytoplasm
1378282_at	BI290750	casein kinase 2, alpha prime polypeptide	CSNK2A2	2,5	Cytoplasm
1373823_at	AA944180	CDC28 protein kinase regulatory subunit 2	CKS2 (includes EG:1164)	6,7	Unknown

1375987_at	AW525194	ceramide kinase
1372536_at	AI105042	chaperone, ABC1 activity of bc1 complex homolog (<i>S. pombe</i>)
1374911_at	AW251534	chromosome 20 open reading frame 111
1373304_at	BM392002	Coenzyme A synthase
1367740_at	M14400	creatine kinase, brain
1390566_a_at	BI301453	creatine kinase, mitochondrial 1B
1368088_at	NM_080885	cyclin-dependent kinase 5
1388674_at	AI010427	cyclin-dependent kinase inhibitor 1A (p21, Cip1)
1394431_at	AI704014	cytidine and dCMP deaminase domain containing 1
1393044_at	BF282370	cytidine monophosphate (UMP-CMP) kinase 2, mitochondrial
1383424_at	BI276216	cytidine monophosphate (UMP-CMP) kinase 2, mitochondrial
1376788_at	AA818353	death-associated protein kinase 1
1372799_at	BF285179	deoxyguanosine kinase
1369686_at	U78857	doublecortin-like kinase 1
1392588_at	BG664535	dual serine/threonine and tyrosine protein kinase
1380938_at	BE106206	dual serine/threonine and tyrosine protein kinase
1377213_at	BI280353	endoplasmic reticulum to nucleus signaling 1
1393151_at	BG668816	ethanolamine kinase 1
1371710_at	BM391283	ethanolamine kinase 1
1387312_a_at	NM_012565	glucokinase (hexokinase 4)
1376650_at	BF399323	golgi autoantigen, golgin subfamily a, 5
1388721_at	BG380282	heat shock 22kDa protein 8
1383519_at	BI294137	hexokinase 2
1381016_at	BI288152	inositol 1,3,4,5,6-pentakisphosphate 2-kinase
1388500_at	AI180252	inositol 1,4,5-trisphosphate 3-kinase B
1387063_at	NM_021660	inositol hexakisphosphate kinase 2
1383478_at	BG671504	Janus kinase 1 (a protein tyrosine kinase)
1384060_at	BG663208	Janus kinase 1 (a protein tyrosine kinase)
1368856_at	NM_031514	Janus kinase 2 (a protein tyrosine kinase)
1380110_at	AI229643	Janus kinase 2 (a protein tyrosine kinase)
1371530_at	BF281337	keratin 8
1390207_at	BM390283	LATS, large tumor suppressor, homolog 2 (<i>Drosophila</i>)
1368831_at	NM_130749	MAP/microtubule affinity-regulating kinase 3
1383324_at	AI703599	membrane protein, palmitoylated 6 (MAGUK p55 subfamily member 6)
1383645_at	BF411062	mitogen-activated protein kinase 13
1368273_at	NM_031622	mitogen-activated protein kinase 6
1368886_at	NM_013055	mitogen-activated protein kinase kinase kinase 12
1371446_at	BI283703	mitogen-activated protein kinase-activated protein kinase 2
1398441_at	AA957410	NCK adaptor protein 2
1375615_at	AI575310	neurotrophic tyrosine kinase, receptor, type 1
1397246_at	BE102996	neurotrophic tyrosine kinase, receptor, type 2
1389996_at	AI406369	NIMA (never in mitosis gene a)-related kinase 1
1374747_at	BM384279	PFTAIRE protein kinase 1
1370318_at	U39572	phosphatidylinositol 4-kinase, catalytic, alpha
1369039_at	NM_031083	phosphatidylinositol 4-kinase, catalytic, beta
1389109_at	AI407351	phosphatidylinositol-5-phosphate 4-kinase, type II, alpha
1375213_at	BM384604	phosphoenolpyruvate carboxykinase 2 (mitochondrial)
1372182_at	BM389769	phosphofructokinase, platelet
1378506_at	BM385647	phosphoinositide-3-kinase, class 2, alpha polypeptide
1389723_at	AI172265	phosphoinositide-3-kinase, regulatory subunit 4
1367725_at	NM_022602	pim-3 oncogene
1368106_at	NM_031821	polo-like kinase 2 (<i>Drosophila</i>)
1370585_a_at	X04440	protein kinase C, beta
1387114_at	NM_133307	protein kinase C, delta
1386992_at	NM_017175	protein kinase N1
1371578_at	AW915101	protein kinase, cAMP-dependent, catalytic, alpha
1371835_at	AI411907	protein kinase, cAMP-dependent, catalytic, beta
1373951_at	AI407792	protein kinase, cAMP-dependent, regulatory, type I, alpha (tissue specific extinguisher 1)

CERK	-1,8	Plasma Membrane
CABC1	-8,3	Cytoplasm
C20ORF111	6,5	Unknown
COASY	-1,8	Cytoplasm
CKB	-11,1	Cytoplasm
CKMT1B	3,8	Cytoplasm
CDK5	-2,4	Nucleus
CDKN1A	21,1	Nucleus
CDADC1	-1,5	Unknown
CMPK2	52,6	Cytoplasm
CMPK2	78,6	Cytoplasm
DAPK1	1,9	Cytoplasm
DGUOK	-2,2	Cytoplasm
DCLK1	-6,8	Cytoplasm
RIPK5	-2,3	Cytoplasm
RIPK5	-2,0	Cytoplasm
ERN1 (includes EG:2081)	3,1	Cytoplasm
ETNK1	-3,9	Cytoplasm
ETNK1	-2,0	Cytoplasm
GCK	-4,2	Cytoplasm
GOLGA5	-2,6	Cytoplasm
HSPB8	5,9	Cytoplasm
HK2	20,4	Cytoplasm
IPPK	-2,1	Cytoplasm
ITPKB	-5,9	Cytoplasm
IHPK2	-1,6	Cytoplasm
JAK1	2,7	Cytoplasm
JAK1	3,4	Cytoplasm
JAK2	5,8	Cytoplasm
JAK2	9,6	Cytoplasm
KRT8	2,3	Cytoplasm
LATS2	-1,9	Nucleus
MARK3	1,6	Cytoplasm
MPP6	2,2	Plasma Membrane
MAPK13	-4,6	Cytoplasm
MAPK6	2,3	Cytoplasm
MAP3K12	-2,0	Cytoplasm
MAPKAPK2	1,6	Nucleus
NCK2	1,6	Cytoplasm
NTRK1	-2,5	Plasma Membrane
NTRK2	-4,0	Plasma Membrane
NEK1	-1,6	Nucleus
PFTK1	-3,4	Nucleus
PI4KA	-1,6	Cytoplasm
PI4KB	-3,1	Cytoplasm
PIP4K2A	1,6	Cytoplasm
PCK2	-1,9	Cytoplasm
PFKP	6,1	Cytoplasm
PIK3C2A	-1,8	Cytoplasm
PIK3R4	-2,5	Cytoplasm
PIM3	2,5	Unknown
PLK2	1,7	Nucleus
PRKCB	-4,0	Cytoplasm
PRKCD	2,4	Cytoplasm
PKN1	1,9	Cytoplasm
PRKACA	-2,6	Cytoplasm
PRKACB	-2,0	Cytoplasm
PRKAR1A	-1,6	Cytoplasm

1377053_at	BE117757	protein kinase-like protein SgK196
1369688_s_at	U69109	PTK2B protein tyrosine kinase 2 beta
1387263_at	NM_012624	pyruvate kinase, liver and RBC
1381279_at	BF412519	receptor-interacting serine-threonine kinase 2
1370989_at	AI639318	ret proto-oncogene
1388208_a_at	AJ299017	ret proto-oncogene
1383454_a_at	BM389456	ribosomal protein S6 kinase, 52kDa, polypeptide 1
1393236_at	AII37233	RIO kinase 3 (yeast)
1394363_at	H34775	RIO kinase 3 (yeast)
1368596_at	NM_021693	salt-inducible kinase 1
1372292_at	AI009732	serine/threonine kinase 24 (STE20 homolog, yeast)
1377534_at	BE097305	serine/threonine kinase 32C
1371943_at	BF420075	serine/threonine kinase 40
1367802_at	NM_019232	serum/glucocorticoid regulated kinase 1
1371714_at	BG378760	SFRS protein kinase 1
1380323_at	BE105023	STE20-like kinase (yeast)
1375896_at	BM392055	STE20-related kinase adaptor beta
1376880_at	AI639447	TANK-binding kinase 1
1371560_at	AA893384	testis-specific kinase substrate
1399088_at	AA819648	tousled-like kinase 2
1396144_at	BF560978	TRAF2 and NCK interacting kinase
1388821_at	AI010430	tribbles homolog 2 (Drosophila)
1370695_s_at	AB020967	tribbles homolog 3 (Drosophila)
1370694_at	AB020967	tribbles homolog 3 (Drosophila)
1386321_s_at	H31287	tribbles homolog 3 (Drosophila)
1375178_at	BE111601	v-akt murine thymoma viral oncogene homolog 1
1387592_at	NM_031575	v-akt murine thymoma viral oncogene homolog 3 (protein kinase B, gamma)
1370663_at	D31838	WEE1 homolog (S. pombe)
1372791_at	AI235474	WNK lysine deficient protein kinase 1
1387072_at	NM_053794	WNK lysine deficient protein kinase 1
1398458_at	BE104506	WNK lysine deficient protein kinase 2

Ligand-dependent nuclear receptor

1370816_at	M25804	nuclear receptor subfamily 1, group D, member 1
1389169_at	AA944158	progesterone receptor membrane component 2

Peptidase

1373570_at	AI411240	aminopeptidase-like 1
1377390_at	BG381587	beta-site APP-cleaving enzyme 2
1396386_at	BF408665	beta-site APP-cleaving enzyme 2
1371173_a_at	Y13591	calpastatin
1387818_at	NM_053736	caspase 4, apoptosis-related cysteine peptidase
1370245_at	AI232474	cathepsin L2
1373961_at	AII70410	chromosome 3 open reading frame 38
1383241_at	BI292425	complement component 1, r subcomponent
1387893_at	D88250	complement component 1, s subcomponent
1368000_at	NM_016994	complement component 3
1389470_at	AI639117	complement factor B
1367722_at	NM_031973	dipeptidyl-peptidase 7
1398803_at	NM_019226	dynein, cytoplasmic 1, heavy chain 1
1388666_at	AI179988	ectodermal-neural cortex (with BTB-like domain)
1384687_at	AI071307	ectodermal-neural cortex (with BTB-like domain)
1399161_a_at	AF148323	endoplasmic reticulum aminopeptidase 1
1368356_a_at	NM_030836	endoplasmic reticulum aminopeptidase 1
1367801_at	NM_053596	endothelin converting enzyme 1
1378949_at	BF412698	endothelin converting enzyme 2
1387669_a_at	NM_012844	epoxide hydrolase 1, microsomal (xenobiotic)
1392894_at	AI716194	fibrinogen-like 2
1367778_at	NM_019331	furin (paired basic amino acid cleaving enzyme)
1368470_at	NM_012960	gamma-glutamyl hydrolase (conjugase, folylpolyglutamyl hydrolase)

SGK196	-1,8	Unknown
PTK2B	-2,0	Cytoplasm
PKLR	-3,6	Cytoplasm
RIPK2	10,4	Plasma Membrane
RET	-3,4	Plasma Membrane
RET	-2,7	Plasma Membrane
RPS6KC1	-2,1	Cytoplasm
RIOK3	3,0	Unknown
RIOK3	11,8	Unknown
SNF1LK	-3,1	Cytoplasm
STK24	-3,4	Cytoplasm
STK32C	-3,5	Unknown
STK40	1,8	Cytoplasm
SGK1	1,9	Cytoplasm
SRPK1	-2,1	Nucleus
SLK	2,2	Nucleus
STRADB	-1,7	Cytoplasm
TBK1	1,8	Cytoplasm
TSKS	-1,7	Cytoplasm
TLK2	1,6	Cytoplasm
TNIK	-1,7	Cytoplasm
TRIB2	-2,5	Plasma Membrane
TRIB3	7,7	Nucleus
TRIB3	7,8	Nucleus
TRIB3	10,5	Nucleus
AKT1	-1,9	Cytoplasm
AKT3	1,6	Cytoplasm
WEE1	1,7	Nucleus
WNK1	-2,0	Cytoplasm
WNK1	2,0	Cytoplasm
WNK2	-2,2	Unknown

NR1D1	7,7	Nucleus
PGRMC2	-1,8	Nucleus

NPEPL1	-2,9	Unknown
BACE2	3,0	Cytoplasm
BACE2	4,9	Cytoplasm
CAST	-3,5	Cytoplasm
CASP4	65,6	Cytoplasm
CTSL2	2,6	Cytoplasm
C3ORF38	9,2	Unknown
C1R	153,9	Extracellular Space
C1S	59,2	Extracellular Space
C3	15,8	Extracellular Space
CFB	58,4	Extracellular Space
DPP7	1,8	Cytoplasm
DYNC1H1	1,6	Cytoplasm
ENC1	4,9	Nucleus
ENC1	13,9	Nucleus
ERAP1	2,8	Extracellular Space
ERAP1	3,0	Extracellular Space
ECE1	-1,9	Plasma Membrane
ECE2	-2,0	Plasma Membrane
EPHX1	2,3	Cytoplasm
FGL2	-4,3	Extracellular Space
FURIN	-1,8	Cytoplasm
GGH	-2,6	Cytoplasm

1367478_at	AI600136	HtrA serine peptidase 2	HTRA2	2,3	Cytoplasm
1367961_at	NM_031523	kallikrein 1	KLK1	-1,9	Unknown
1398247_at	NM_133404	lon peptidase 1, mitochondrial	LONP1	3,7	Cytoplasm
1368595_at	NM_031757	matrix metallopeptidase 24 (membrane-inserted)	MMP24	-4,0	Extracellular Space
1369669_at	NM_053970	neurolysin (metallopeptidase M3 family)	NLN	3,0	Cytoplasm
1387781_at	NM_022395	peptidase (mitochondrial processing) beta	PMPCB	-1,6	Cytoplasm
1373101_at	AI236743	phosphatidylinositol glycan anchor biosynthesis, class K	PIGK	-1,8	Cytoplasm
1368399_a_at	NM_031640	plasma glutamate carboxypeptidase	PGCP	-1,6	Extracellular Space
1367800_at	NM_013151	plasminogen activator, tissue	PLAT	7,9	Extracellular Space
1376075_at	BM385544	presenilin 1	PSEN1	2,7	Plasma Membrane
1368559_at	NM_017091	proprotein convertase subtilisin/kexin type 1	PCSK1	-3,7	Extracellular Space
1387155_at	NM_012746	proprotein convertase subtilisin/kexin type 2	PCSK2	-1,7	Extracellular Space
1373152_at	AII77099	protease, serine, 23	PRSS23	2,1	Extracellular Space
1367710_at	NM_017257	proteasome (prosome, macropain) activator subunit 2 (PA28 beta)	PSME2	8,5	Cytoplasm
1368507_at	NM_017280	proteasome (prosome, macropain) subunit, alpha type, 3	PSMA3	2,2	Cytoplasm
1367837_at	NM_017281	proteasome (prosome, macropain) subunit, alpha type, 4	PSMA4	1,6	Cytoplasm
1387884_at	AI011191	proteasome (prosome, macropain) subunit, alpha type, 5	PSMA5	1,7	Cytoplasm
1369930_at	NM_017283	proteasome (prosome, macropain) subunit, alpha type, 6	PSMA6	1,8	Cytoplasm
1371869_at	BF282262	proteasome (prosome, macropain) subunit, alpha type, 7	PSMA7	2,7	Cytoplasm
1374033_at	BG373505	proteasome (prosome, macropain) subunit, beta type, 10	PSMB10	36,2	Cytoplasm
1367786_at	NM_080767	proteasome (prosome, macropain) subunit, beta type, 8 (large multifunctional peptidase 7)	PSMB8	229,1	Cytoplasm
1370186_at	AI599350	proteasome (prosome, macropain) subunit, beta type, 9 (large multifunctional peptidase 2)	PSMB9	395,9	Cytoplasm
1373384_at	BM391893	protein phosphatase 2, regulatory subunit B', gamma isoform	PPP2R5C	-1,6	Nucleus
1376949_at	BE099848	RCE1 homolog, prenyl protein peptidase (<i>S. cerevisiae</i>)	RCE1	1,8	Cytoplasm
1375362_at	BI304125	signal peptide peptidase-like 2A	SPPL2A	2,3	Plasma Membrane
1370460_at	AF106657	ubiquitin specific peptidase 15	USP15	2,2	Cytoplasm
1389034_at	BI295179	ubiquitin specific peptidase 18	USP18	22,1	Cytoplasm
1378679_at	BG372484	ubiquitin specific peptidase 25	USP25	4,4	Unknown
1389091_at	AI411205	ubiquitin specific peptidase 3	USP3	2,0	Cytoplasm
1395921_at	BE097603	ubiquitin specific peptidase 35	USP35	-2,1	Unknown
1374940_at	BM388945	ubiquitin specific peptidase 36	USP36	-1,5	Nucleus
1376849_at	BM384872	ubiquitin specific peptidase 48	USP48	2,3	Plasma Membrane
1372121_at	BF284408	ubiquitin specific peptidase 9, X-linked	USP9X	-3,1	Plasma Membrane
1389316_at	AW914946	ubiquitin specific peptidase 9, X-linked	USP9X	-2,1	Plasma Membrane
1385663_at	BF567505	ubiquitin specific protease 13 (isopeptidase T-3)	USP13 (includes EG:310306)	-3,0	Unknown
1381605_at	AW521619	ubiquitin specific protease 13 (isopeptidase T-3)	USP13 (includes EG:310306)	-2,0	Unknown
1386793_at	BF552772	zinc finger protein 61	ZFP61	-2,5	Unknown
Phosphatase					
1388544_at	BI294941	2,3-bisphosphoglycerate mutase	BPGM	2,0	Unknown
1398317_at	BF283428	3'(2'), 5'-bisphosphate nucleotidase 1	BPNT1	1,6	Nucleus
1370034_at	NM_133572	cell division cycle 25 homolog B (<i>S. pombe</i>)	CDC25B	-4,6	Nucleus
1388533_at	BM390302	CTD (carboxy-terminal domain, RNA polymerase II, polypeptide A) small phosphatase 1	CTDSP1	-1,9	Nucleus
1368146_at	U02553	dual specificity phosphatase 1	DUSP1	4,8	Nucleus
1372354_at	BM389898	dual specificity phosphatase 16	DUSP16	7,3	Nucleus
1399125_at	BI275516	inositol polyphosphate-1-phosphatase	INPP1	3,3	Cytoplasm
1387078_at	NM_031002	inositol polyphosphate-4-phosphatase, type I, 107kDa	INPP4A	-2,4	Cytoplasm
1388502_at	AI412624	inositol polyphosphate-5-phosphatase, 75kDa	INPP5B	2,9	Plasma Membrane
1398808_at	NM_032057	inositol(myo)-1(or 4)-monophosphatase 1	IMPA1	-1,8	Cytoplasm
1377422_at	AI029466	myotubularin related protein 1	MTMR1	2,7	Cytoplasm
1383619_at	BE105983	myotubularin related protein 4	MTMR4	3,5	Cytoplasm
1374883_at	BF392344	myotubularin related protein 7	MTMR7	-1,6	Cytoplasm
1395601_at	BI302615	nudix (nucleoside diphosphate linked moiety X)-type motif 12	NUDT12	-2,9	Cytoplasm
1383957_at	BG376322	nudix (nucleoside diphosphate linked moiety X)-type motif 3	NUDT3	1,7	Cytoplasm
1383283_at	BM385645	oculocerebrorenal syndrome of Lowe	OCRL	-2,8	Cytoplasm
1386864_at	NM_053290	phosphoglycerate mutase 1 (brain)	PGAM1	1,5	Cytoplasm
1385981_at	BF394800	plasticity related gene 1	LPPR4	-3,5	Plasma Membrane
1379374_at	AW526088	plasticity related gene 1	LPPR4	-3,1	Plasma Membrane
1376584_at	BE116408	protein phosphatase 1 (formerly 2C)-like	PPM1L	-2,2	Unknown

1383191_at	BE097583	protein phosphatase 1, regulatory (inhibitor) subunit 1A	PPP1R1A	-4,6	Cytoplasm
1386968_at	NM_022676	protein phosphatase 1, regulatory (inhibitor) subunit 1A	PPP1R1A	-3,9	Cytoplasm
1373108_at	BM390827	protein phosphatase 1, regulatory (inhibitor) subunit 3C	PPP1R3C	2,1	Cytoplasm
1373656_at	AI713313	protein phosphatase 1, regulatory (inhibitor) subunit 3D	PPP1R3D	-2,7	Unknown
1398332_at	BM386294	protein phosphatase 1F (PP2C domain containing)	PPM1F	-3,7	Cytoplasm
1398790_at	NM_017039	protein phosphatase 2 (formerly 2A), catalytic subunit, alpha isoform	PPP2CA	1,5	Cytoplasm
1388805_at	BF408792	protein phosphatase 2 (formerly 2A), catalytic subunit, alpha isoform	PPP2CA	1,6	Cytoplasm
1367827_at	NM_017040	protein phosphatase 2 (formerly 2A), catalytic subunit, beta isoform	PPP2CB	1,6	Cytoplasm
1370193_at	AI172261	protein tyrosine phosphatase type IVA, member 1	PTP4A1	2,7	Nucleus
1372084_at	AI104546	protein tyrosine phosphatase type IVA, member 3	PTP4A3	-3,8	Plasma Membrane
1388379_at	AI172465	protein tyrosine phosphatase, non-receptor type 11	PTPN11	1,7	Cytoplasm
1382154_at	BI289625	protein tyrosine phosphatase, non-receptor type 12	PTPN12	1,9	Cytoplasm
1368361_a_at	NM_053990	protein tyrosine phosphatase, non-receptor type 2	PTPN2	2,3	Cytoplasm
1368087_a_at	NM_133545	protein tyrosine phosphatase, non-receptor type 21	PTPN21	4,7	Cytoplasm
1370473_a_at	AF077000	protein tyrosine phosphatase, non-receptor type 23	PTPN23	2,8	Cytoplasm
1389362_at	AI317821	protein tyrosine phosphatase, non-receptor type 3	PTPN3	2,6	Cytoplasm
1370362_at	D45414	protein tyrosine phosphatase, receptor type, N	PTPRN	-1,5	Plasma Membrane
1370182_at	AI574884	protein tyrosine phosphatase, receptor type, N polypeptide 2	PTPRN2	-3,3	Plasma Membrane
1369094_a_at	NM_019140	protein tyrosine phosphatase, receptor type, S	PTPRS (includes EG:5802)	-2,4	Plasma Membrane
1368350_at	NM_013080	protein tyrosine phosphatase, receptor-type, Z polypeptide 1	PTPRZ1	1,6	Plasma Membrane
1367881_at	NM_013016	signal-regulatory protein alpha	SIRPA	-1,9	Plasma Membrane
Transcription regulator					
1369268_at	NM_012912	activating transcription factor 3	ATF3	26,6	Nucleus
1367624_at	NM_024403	activating transcription factor 4 (tax-responsive enhancer element B67)	ATF4	2,2	Nucleus
1389346_at	BI274136	activity-dependent neuroprotector homeobox	ADNP	-2,5	Nucleus
1386683_at	BF562870	alpha thalassemia/mental retardation syndrome X-linked (RAD54 homolog, <i>S. cerevisiae</i>)	ATRX	-2,0	Nucleus
1374526_at	BF396420	ankyrin repeat and FYVE domain containing 1	ANKFY1	1,8	Nucleus
1371805_at	AI406508	ankyrin repeat domain 46	ANKRD46	-2,1	Nucleus
1386065_at	AI169118	ankyrin repeat domain 57	ANKRD57	4,6	Nucleus
1368330_at	NM_053720	apoptosis antagonizing transcription factor	AATF	6,3	Nucleus
1369049_at	NM_053885	arginine-glutamic acid dipeptide (RE) repeats	RERE	4,3	Nucleus
1392502_at	BI275796	AT hook containing transcription factor 1	AHCTF1	1,7	Nucleus
1377597_at	BI300688	AT rich interactive domain 2 (ARID, RFX-like)	ARID2	-1,6	Nucleus
1379311_at	AI177813	AT rich interactive domain 5A (MRF1-like)	ARID5A	1,9	Nucleus
1369415_at	NM_053328	basic helix-loop-helix domain containing, class B, 2	BHLHB2	3,7	Nucleus
1379483_at	AI548256	basic helix-loop-helix domain containing, class B, 2	BHLHB2	9,2	Nucleus
1368511_at	NM_133303	basic helix-loop-helix domain containing, class B, 3	BHLHB3	2,8	Nucleus
1368118_at	NM_031328	B-cell CLL/lymphoma 10	BCL10	1,8	Cytoplasm
1398482_at	AI411774	B-cell CLL/lymphoma 3	BCL3	15,4	Nucleus
1379368_at	AI237606	B-cell CLL/lymphoma 6	BCL6	10,9	Nucleus
1381804_at	BI293313	B-cell CLL/lymphoma 6, member B (zinc finger protein)	BCL6B	-3,9	Nucleus
1394375_x_at	BF554138	B-cell CLL/lymphoma 6, member B (zinc finger protein)	BCL6B	-3,5	Nucleus
1367657_at	NM_017258	B-cell translocation gene 1, anti-proliferative	BTG1	1,7	Nucleus
1373868_at	AI717547	BCL2-associated transcription factor 1	BCLAF1	2,3	Nucleus
1385592_at	BI289386	BCL6 co-repressor	BCOR	1,8	Nucleus
1373467_at	BG374179	BTAF1 RNA polymerase II, B-TFIID transcription factor-associated, 170kDa (Mot1 homolog, <i>S. cerevisiae</i>)	BTAF1	2,6	Nucleus
1390873_at	BE118616	BTB (POZ) domain containing 11	BTBD11	-1,8	Nucleus
1386994_at	NM_017259	BTG family, member 2	BTG2	-1,5	Nucleus
1369738_s_at	NM_017334	cAMP responsive element modulator	CREM	-2,3	Nucleus
1368571_at	NM_021997	CAP-GLY domain containing linker protein 2	CLIP2	2,1	Cytoplasm
1380069_at	BF389717	Cas-Br-M (murine) ecotropic retroviral transforming sequence	CBL	-2,1	Nucleus
1387343_at	NM_013154	CCAAT/enhancer binding protein (C/EBP), delta	CEBPD	5,4	Nucleus
1372885_at	AI230467	CCAAT/enhancer binding protein (C/EBP), gamma	CEBPG	1,9	Nucleus
1377869_at	BI284261	CCR4 carbon catabolite repression 4-like (<i>S. cerevisiae</i>)	CCRN4L	-1,7	Nucleus
1376067_at	AA800637	CCR4-NOT transcription complex, subunit 2	CNOT2	-1,8	Nucleus
1367515_at	BE111850	CCR4-NOT transcription complex, subunit 7	CNOT7	1,6	Nucleus
1381968_at	AI029175	cellular repressor of E1A-stimulated genes 1	CREG1	4,7	Nucleus
1379538_at	BE104961	centromere protein J	CENPJ	2,7	Nucleus

1379887_at	BI290897	chromosome 2 open reading frame 3
1399033_at	AA945869	core-binding factor, beta subunit
1388875_at	AI410353	CXXC finger 1 (PHD domain)
1370054_at	NM_131902	cyclin-dependent kinase inhibitor 2C (p18, inhibits CDK4)
1392958_at	AI547426	cyldromatosis (turban tumor syndrome)
1391091_at	AI406286	cyldromatosis (turban tumor syndrome)
1372245_at	AA894272	cytosolic iron-sulfur protein assembly 1 homolog (S. cerevisiae)
1387874_at	AI230048	D site of albumin promoter (albumin D-box) binding protein
1387800_at	NM_080891	death-domain associated protein
1386988_at	NM_031801	deformed epidermal autoregulatory factor 1 (Drosophila)
1369590_a_at	NM_024134	DNA-damage-inducible transcript 3
1374119_at	BI279615	E74-like factor 3 (ets domain transcription factor, epithelial-specific)
1368321_at	NM_012551	early growth response 1
1372204_at	BM391843	ELK4, ETS-domain protein (SRF accessory protein 1)
1374797_at	BM391920	ELL associated factor 1
1388714_at	AI008458	elongation factor RNA polymerase II
1367575_at	NM_012554	enolase 1, (alpha)
1388503_at	BE107430	EP300 interacting inhibitor of differentiation 1
1376292_at	BM383423	ets homologous factor
1383447_at	AI101323	ets variant 5
1372126_at	BI288075	fem-1 homolog b (C. elegans)
1386643_at	BF552914	fem-1 homolog b (C. elegans)
1377347_at	AW531892	forkhead box J3
1372652_at	BM386443	forkhead box O4
1368550_at	NM_022858	forkhead box Q1
1385464_at	AI070944	forkhead box Q1
1368220_at	NM_031041	general transcription factor IIB
1383627_a_at	BF420770	general transcription factor IIF, polypeptide 1, 74kDa
1373094_at	AW917124	general transcription factor IIH, polypeptide 1, 62kDa
1372415_at	BM385649	general transcription factor IIH, polypeptide 3, 34kDa
1388067_a_at	AF205779	glucocorticoid modulatory element binding protein 2
1385988_at	BF287243	H6 family homeobox 1
1371490_at	BG666149	heat shock factor binding protein 1
1388314_at	BF281178	high-mobility group nucleosome binding domain 1
1396820_at	AW530195	histone deacetylase 1
1388761_at	AI180339	histone deacetylase 1
1367816_at	NM_133621	HOP homeobox
1391560_at	AI237082	human immunodeficiency virus type 1 enhancer binding protein 1
1387076_at	NM_024359	hypoxia inducible factor 1, alpha subunit (basic helix-loop-helix transcription factor)
1368073_at	NM_012591	interferon regulatory factor 1
1398561_at	BI302791	interferon regulatory factor 2
1377379_at	BF410603	interferon regulatory factor 6
1383564_at	BF411036	interferon regulatory factor 7
1383448_at	AI029121	interferon regulatory factor 9
1369681_at	NM_017339	ISL LIM homeobox 1
1382336_at	AI236491	JAZF zinc finger 1
1393138_at	BE329377	jun D proto-oncogene
1374404_at	BI288619	jun oncogene
1369788_s_at	NM_021835	jun oncogene
1389528_s_at	BI288619	jun oncogene
1386896_at	AF393783	KH domain containing, RNA binding, signal transduction associated 1
1368363_at	NM_053394	Kruppel-like factor 5 (intestinal)
1385961_at	BF561079	Kruppel-like factor 5 (intestinal)
1394039_at	BM382886	Kruppel-like factor 5 (intestinal)
1387060_at	NM_031642	Kruppel-like factor 6
1370209_at	BE101336	Kruppel-like factor 9
1371444_at	BI284504	LAG1 homolog, ceramide synthase 2
1389351_at	BM387864	leucine rich repeat (in FLII) interacting protein 1

C2ORF3	1,8	Nucleus
CBFB	-2,1	Nucleus
CXXC1	2,2	Nucleus
CDKN2C	-2,2	Nucleus
CYLD	1,6	Nucleus
CYLD	2,1	Nucleus
CIAO1	-1,5	Nucleus
DBP	7,1	Nucleus
DAXX	4,1	Nucleus
DEAF1	-2,1	Nucleus
DDIT3	7,1	Nucleus
ELF3	3,6	Nucleus
EGR1	-3,6	Nucleus
ELK4	1,9	Nucleus
EAF1	2,5	Nucleus
ELL	1,9	Nucleus
ENO1	1,6	Cytoplasm
EID1	-1,8	Nucleus
EHF	3,0	Nucleus
ETV5	8,3	Nucleus
FEM1B	-1,7	Nucleus
FEM1B	-1,5	Nucleus
FOXJ3	2,1	Nucleus
FOXO4	-2,8	Nucleus
FOXQ1	2,2	Nucleus
FOXQ1	3,1	Nucleus
GTF2B	-2,0	Nucleus
GTF2F1	-1,7	Nucleus
GTF2H1	1,7	Nucleus
GTF2H3	-2,0	Nucleus
GMEB2	1,9	Nucleus
HMX1	9,5	Nucleus
HSBP1	-2,1	Nucleus
HMGN1	1,6	Nucleus
HDAC1	-1,8	Nucleus
HDAC1	-1,8	Nucleus
HOPX	10,5	Nucleus
HIVEP1	1,6	Nucleus
HIF1A	2,2	Nucleus
IRF1	34,8	Nucleus
IRF2	2,0	Nucleus
IRF6	1,7	Nucleus
IRF7	104,7	Nucleus
IRF9	13,8	Nucleus
ISL1	-3,4	Nucleus
JAZF1	-1,5	Nucleus
JUND	1,8	Nucleus
JUN	2,8	Nucleus
JUN	6,7	Nucleus
JUN	7,0	Nucleus
KHDRBS1	1,7	Nucleus
KLF5	1,5	Nucleus
KLF5	11,3	Nucleus
KLF5	17,5	Nucleus
KLF6	4,1	Nucleus
KLF9	1,7	Nucleus
LASS2	-1,6	Nucleus
LRRFIP1	4,3	Nucleus

1370928_at	BI284739	lipopolysaccharide-induced TNF factor	LITAF	2,0	Nucleus
1388516_at	AI104258	LRRGT00141	LOC499235	3,0	Unknown
1375929_at	BI289109	MAX binding protein	MNT	1,6	Nucleus
1373779_at	AI011878	MAX dimerization protein 4	MXD4	-2,0	Nucleus
1384427_at	BI296301	Mdm2 p53 binding protein homolog (mouse)	MDM2	5,4	Nucleus
1391474_at	AA858511	mediator complex subunit 14	MED14	-2,3	Nucleus
1388847_at	AI177083	mediator complex subunit 15	MED15	2,0	Nucleus
1386895_at	NM_053409	melanoma antigen family D, 1	MAGED1	-1,7	Plasma Membrane
1398785_at	NM_019208	multiple endocrine neoplasia I	MEN1	1,5	Nucleus
1387779_at	NM_031668	MYB binding protein (P160) 1a	MYBBP1A	1,9	Nucleus
1372090_at	AI231566	MYC associated factor X	MAX	2,0	Nucleus
1372327_at	BF552877	myelin expression factor 2	MYEF2	-2,2	Nucleus
1383512_at	AW918674	myeloid/lymphoid or mixed-lineage leukemia (trithorax homolog, Drosophila); translocated to, 10	MLLT10	2,1	Nucleus
1371056_at	U68726	neogenin homolog 1 (chicken)	NEO1	-2,2	Plasma Membrane
1369409_at	NM_022856	NGFI-A binding protein 1 (EGR1 binding protein 1)	NAB1	1,6	Nucleus
1368998_at	NM_031737	NK6 homeobox 1	NKX6-1	-1,8	Nucleus
1393144_at	BM388202	N-myc (and STAT) interactor	NMI	9,0	Cytoplasm
1381875_at	BM386847	N-myc (and STAT) interactor	NMI	18,0	Cytoplasm
1390426_at	BF389398	Notch homolog 1, translocation-associated (Drosophila)	NOTCH1	1,9	Plasma Membrane
1367826_at	NM_031789	nuclear factor (erythroid-derived 2)-like 2	NFE2L2	2,3	Nucleus
1370968_at	AA858801	nuclear factor of kappa light polypeptide gene enhancer in B-cells 1	NFKB1	7,5	Nucleus
1375989_a_at	AI170362	nuclear factor of kappa light polypeptide gene enhancer in B-cells 2 (p49/p100)	NFKB2	11,3	Nucleus
1367943_at	NM_030867	nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor, beta	NFKBIB	5,7	Nucleus
1376835_at	BI293600	nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor, epsilon	NFKBIE (includes EG:4794)	7,9	Nucleus
1378032_at	AI176265	nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor, zeta	NFKBIZ	10,7	Nucleus
1368488_at	NM_053727	nuclear factor, interleukin 3 regulated	NFIL3	6,0	Nucleus
1379560_at	BE099674	nuclear receptor binding SET domain protein 1	NSD1	2,2	Nucleus
1388549_at	AI228248	nuclear receptor coactivator 4	NCOA4	-1,8	Nucleus
1381895_at	AW435074	nuclear respiratory factor 1	NRF1	4,7	Nucleus
1378637_at	BG374464	nuclear transcription factor, X-box binding 1	NFX1	1,9	Nucleus
1382718_at	AA900547	nuclear transcription factor, X-box binding 1	NFX1	2,2	Nucleus
1398756_at	J04943	nucleophosmin 1	NPM1 (includes EG:18148)	2,1	Nucleus
1379529_at	BE121400	nucleosomal binding protein 1	NSBP1	-2,7	Nucleus
1373433_at	BE108745	nucleosomal binding protein 1	NSBP1	-2,1	Nucleus
1369242_at	NM_013001	paired box 6	PAX6	-1,9	Nucleus
1390531_at	BE098021	peroxisomal proliferator-activated receptor A interacting complex 285	PRIC285 (includes EG:85441)	4,3	Nucleus
1370089_at	NM_031347	peroxisome proliferator-activated receptor gamma, coactivator 1 alpha	PPARGC1A	2,4	Nucleus
1392715_at	BE113289	peroxisome proliferator-activated receptor gamma, coactivator 1 beta	PPARGC1B	-1,7	Nucleus
1387122_at	NM_012760	pleiomorphic adenoma gene-like 1	PLAGL1	-3,7	Nucleus
1384265_at	BI278347	polymerase (DNA-directed), delta 3, accessory subunit	POLD3	4,0	Nucleus
1370432_at	M72711	POU class 3 homeobox 1	POU3F1	2,5	Nucleus
1389432_at	BE101096	pre-B-cell leukemia homeobox 2	PBX2	-1,7	Nucleus
1368702_at	U05989	PRKC, apoptosis, WT1, regulator	PAWR	2,8	Nucleus
1374532_at	AI704291	prostaglandin E synthase 2	PTGES2	2,2	Cytoplasm
1387784_at	NM_053925	proteasome (prosome, macropain) 26S subunit, non-ATPase, 10	PSMD10	2,6	Cytoplasm
1385540_at	AI044916	protein inhibitor of activated STAT, 1	PIAS1	-2,1	Nucleus
1387299_at	NM_053337	protein inhibitor of activated STAT, 2	PIAS2	-2,1	Nucleus
1372485_at	BF281220	pterin-4 alpha-carbinolamine dehydratase/dimerization cofactor of hepatocyte nuclear factor 1 alpha	PCBD1	-3,4	Nucleus
1382400_at	BE104395	rearranged L-myc fusion	RLF	2,9	Nucleus
1388686_at	AI170193	regulator of calcineurin 1	RCAN1	1,7	Nucleus
1383349_at	BE115594	regulatory factor X, 5 (influences HLA class II expression)	RFX5	1,8	Nucleus
1372391_at	AI598937	ribosomal protein L7-like 1	RPL7L1	1,6	Cytoplasm
1380651_at	BI296352	ring finger protein (C3H2C3 type) 6	RNF6	-1,9	Nucleus
1381967_at	BE114972	RNA binding motif protein 39	RBM39	1,6	Nucleus
1389437_at	BF392952	sal-like 2 (Drosophila)	SALL2	-2,6	Nucleus
1378629_at	AI227638	SATB homeobox 1	SATB1	-3,5	Nucleus
1379626_at	AA946353	SATB homeobox 1	SATB1	-2,7	Nucleus
1371353_at	BG663093	sequestosome 1	SQSTM1	3,2	Cytoplasm

1389381_at	AI411586	sequestosome 1	SQSTM1	12,7	Cytoplasm
1372757_at	BM386875	signal transducer and activator of transcription 1, 91kDa	STAT1	7,3	Nucleus
1368835_at	AW434718	signal transducer and activator of transcription 1, 91kDa	STAT1	8,7	Nucleus
1387354_at	NM_032612	signal transducer and activator of transcription 1, 91kDa	STAT1	13,4	Nucleus
1373670_at	AA799569	signal transducer and activator of transcription 2, 113kDa	STAT2	4,6	Nucleus
1389571_at	BG666368	signal transducer and activator of transcription 2, 113kDa	STAT2	49,4	Nucleus
1371781_at	BI285863	signal transducer and activator of transcription 3 (acute-phase response factor)	STAT3	1,7	Nucleus
1375413_at	AA799614	sirtuin (silent mating type information regulation 2 homolog) 2 (S. cerevisiae)	SIRT2	1,9	Nucleus
1389373_at	AI029555	SMAD family member 1	SMAD1	1,6	Nucleus
1386984_at	NM_019275	SMAD family member 4	SMAD4	2,3	Nucleus
1373993_at	AA799470	small nuclear RNA activating complex, polypeptide 5, 19kDa	SNAPC5	-1,8	Nucleus
1377757_at	AA858978	SNF2 histone linker PHD RING helicase	SHPRH	-1,9	Nucleus
1371880_at	AII79662	Sp1 transcription factor	SP1	2,1	Nucleus
1374838_at	BI293504	SP140 nuclear body protein	SP140	5,2	Nucleus
1372437_at	BM390921	S-phase kinase-associated protein 1	SKP1	-1,9	Nucleus
1387275_at	NM_053349	SRY (sex determining region Y)-box 11	SOX11	3,8	Nucleus
1371979_at	AII70663	sterol regulatory element binding transcription factor 2	SREBF2	-2,3	Nucleus
1370658_a_at	AF031942	suppression of tumorigenicity 18 (breast carcinoma) (zinc finger protein)	ST18	-2,8	Nucleus
1392792_at	AI071152	TAF1 RNA polymerase II, TATA box binding protein (TBP)-associated factor, 250kDa	TAF1	-2,0	Nucleus
1374177_at	AI230912	TAF13 RNA polymerase II, TATA box binding protein (TBP)-associated factor, 18kDa	TAF13	-2,5	Nucleus
1376050_at	AII77663	TAF5 RNA polymerase II, TATA box binding protein (TBP)-associated factor, 100kDa	TAF5	2,8	Nucleus
1388058_at	D49446	TAF6 RNA polymerase II, TATA box binding protein (TBP)-associated factor, 80kDa	TAF6	1,6	Nucleus
1394499_at	AI501768	TAF8 RNA polymerase II, TATA box binding protein (TBP)-associated factor, 43kDa	TAF8	1,7	Nucleus
1371367_at	BE107459	TAR DNA binding protein	TARDBP	-2,0	Nucleus
1392611_at	BE117629	teashirt zinc finger homeobox 1	TSHZ1	-4,8	Nucleus
1380283_at	BF411100	teashirt zinc finger homeobox 1	TSHZ1	-3,3	Nucleus
1383573_at	BE117444	teashirt zinc finger homeobox 1	TSHZ1	-2,3	Nucleus
1373421_at	BM392224	TGFB-induced factor homeobox 1	TGIF1	9,9	Nucleus
1367485_at	BM388871	transcription elongation factor A (SII), 1	TCEA1	2,0	Nucleus
1382861_at	AA997486	transcription elongation factor A (SII), 1	TCEA1	3,6	Nucleus
1391212_at	BF418812	transcription elongation factor A (SII)-like 1	TCEAL1	-2,7	Nucleus
1372151_at	AI317851	transcription elongation regulator 1	TCERG1	1,8	Nucleus
1390817_at	BF394639	transcription factor 20 (AR1)	TCF20	-1,6	Nucleus
1368842_at	BG377130	transcription factor 4	TCF4	-2,1	Nucleus
1392592_at	AII37045	transcription factor 7-like 2 (T-cell specific, HMG-box)	TCF7L2 (includes EG:6934)	4,3	Nucleus
1388967_at	AI012945	transcription factor binding to IGHM enhancer 3	TFE3	1,7	Nucleus
1389545_at	BF281994	transducin (beta)-like 1 X-linked receptor 1	TBL1XR1	1,8	Nucleus
1390662_at	AW435169	tripartite motif-containing 24	TRIM24	2,1	Nucleus
1389163_at	BG372673	tripartite motif-containing 32	TRIM32	-1,6	Nucleus
1367831_at	NM_030989	tumor protein p53	TP53	2,9	Nucleus
1375965_at	AI229167	ubiquitin-conjugating enzyme E2K (UBC1 homolog, yeast)	UBE2K	-3,8	Cytoplasm
1383515_at	AW143503	ubiquitin-conjugating enzyme E2K (UBC1 homolog, yeast)	UBE2K	-2,1	Cytoplasm
1383537_at	BF522715	vascular endothelial zinc finger 1	VEZF1	1,8	Nucleus
1380229_at	AW530004	v-maf musculoaponeurotic fibrosarcoma oncogene homolog F (avian)	MAFF	26,1	Nucleus
1372211_at	BI284461	v-maf musculoaponeurotic fibrosarcoma oncogene homolog K (avian)	MAFK	4,2	Nucleus
1368308_at	NM_012603	v-myc myelocytomatosis viral oncogene homolog (avian)	MYC	33,8	Nucleus
1372853_at	BF283772	v-rel reticuloendotheliosis viral oncogene homolog A (avian)	RELA	2,5	Nucleus
1377668_at	BI276788	YY1 transcription factor	YY1	2,8	Nucleus
1387107_at	NM_054002	zinc finger and BTB domain containing 7A	ZBTB7A	1,9	Nucleus
1370965_at	BG381660	zinc finger E-box binding homeobox 1	ZEB1	6,1	Nucleus
1394476_at	AW535213	zinc finger protein 14	ZNF14	-1,5	Nucleus
1368067_at	NM_031615	zinc finger protein 148	ZNF148	-1,8	Nucleus
1374189_at	BG668883	zinc finger protein 219	ZNF219	2,0	Nucleus
1390189_at	BF398121	zinc finger protein 277	ZNF277	2,0	Nucleus
1381902_at	BE116321	zinc finger protein 292	ZNF292	1,9	Nucleus
1390945_at	BI294878	zinc finger protein 292	ZNF292	2,7	Nucleus
1368877_at	NM_052798	zinc finger protein 354A	ZNF354A	2,4	Nucleus
1387870_at	AB025017	zinc finger protein 36, C3H type, homolog (mouse)	ZFP36	9,9	Nucleus

1373106_at	AI178069	zinc finger protein 36, C3H type-like 2
1391702_at	BM389392	zinc finger protein 446
1373950_at	AI598911	zinc finger protein 496
1399044_at	AA819804	zinc finger protein 91 homolog (mouse)
1383054_at	BE111631	zinc finger protein 91 homolog (mouse)
1383226_at	BI293943	zinc finger protein, X-linked
1388590_at	AI010455	zinc ribbon domain containing 1

Translation regulator

1371949_at	BM390332	basic leucine zipper and W2 domains 1
1391163_at	BM385306	elongation factor Tu GTP binding domain containing 1
1383558_at	BI290282	eukaryotic elongation factor, selenocysteine-tRNA-specific
1384147_at	AA955540	eukaryotic translation initiation factor 1A, Y-linked
1383011_at	AI501182	eukaryotic translation initiation factor 2A, 65kDa
1374968_at	AI599930	eukaryotic translation initiation factor 2C, 1
1368866_at	NM_021597	eukaryotic translation initiation factor 2C, 2
1368867_at	BF281131	eukaryotic translation initiation factor 2C, 2
1388359_at	AI599478	eukaryotic translation initiation factor 4 gamma, 2
1397697_at	BF558764	eukaryotic translation initiation factor 4A, isoform 2
1372124_at	BI278814	eukaryotic translation initiation factor 4B
1367537_at	AI012479	eukaryotic translation initiation factor 4E nuclear import factor 1
1388206_a_at	K01677	eukaryotic translation initiation factor 5
1388507_at	AI104279	eukaryotic translation initiation factor 6
1389038_at	BF285301	eukaryotic translation termination factor 1
1377249_at	AW526060	G1 to S phase transition 2
1372344_at	AI175760	HBS1-like (S. cerevisiae)
1374385_at	AI009789	poly(rC) binding protein 1
1368094_at	NM_024002	SECIS binding protein 2

Transmembrane receptor

1388373_at	BI289063	adiponectin receptor 1
1367595_s_at	NM_012512	beta-2-microglobulin
1371440_at	AW916647	beta-2-microglobulin
1374620_at	BM392373	carcinoembryonic antigen-related cell adhesion molecule 1 (biliary glycoprotein)
1377698_at	AW433947	CD40 molecule, TNF receptor superfamily member 5
1384837_at	AI137672	CD69 molecule
1367679_at	NM_013069	CD74 molecule, major histocompatibility complex, class II invariant chain
1388547_at	BE328951	claudin 4
1369182_at	NM_013057	coagulation factor III (thromboplastin, tissue factor)
1371429_at	BF281192	dystroglycan 1 (dystrophin-associated glycoprotein 1)
1387039_at	NM_030828	glypican 1
1368924_at	NM_017094	growth hormone receptor
1373803_a_at	AI170771	growth hormone receptor
1398491_at	BM383434	immunoglobulin-like domain containing receptor 1
1387202_at	NM_012967	intercellular adhesion molecule 1
1369956_at	NM_053783	interferon gamma receptor 1
1374601_at	BI274482	interferon gamma receptor 2 (interferon gamma transducer 1)
1383616_at	AA997562	interleukin 10 receptor, beta
1388711_at	BF282650	interleukin 13 receptor, alpha 1
1387946_at	AF065438	lectin, galactoside-binding, soluble, 3 binding protein
1382386_at	BI274268	limb region 1 homolog (mouse)
1374108_at	BM388942	low density lipoprotein-related protein 12
1370463_x_at	U50449	major histocompatibility complex, class I, C
1388071_x_at	M24024	major histocompatibility complex, class I, C
1388236_x_at	M24026	major histocompatibility complex, class I, C
1371171_at	M10094	major histocompatibility complex, class I, C
1370428_x_at	AJ249701	major histocompatibility complex, class I, C
1388203_x_at	BI395698	major histocompatibility complex, class I, C
1388202_at	BI395698	major histocompatibility complex, class I, C
1370429_at	L40362	major histocompatibility complex, class I, C

ZFP36L2	3,0	Nucleus
ZNF446	-1,6	Nucleus
ZNF496	2,0	Nucleus
ZFP91	1,7	Nucleus
ZFP91	2,0	Nucleus
ZFX	-1,7	Nucleus
ZNRD1	1,9	Nucleus
BZW1	3,2	Cytoplasm
EFTUD1	2,9	Cytoplasm
EEFSEC	1,9	Cytoplasm
EIF1AY	2,8	Cytoplasm
EIF2A	1,7	Cytoplasm
EIF2C1	-1,8	Cytoplasm
EIF2C2	5,1	Cytoplasm
EIF2C2	5,1	Cytoplasm
EIF4G2 (includes EG:1982)	-1,9	Cytoplasm
EIF4A2	-1,7	Cytoplasm
EIF4B	2,2	Cytoplasm
EIF4ENIF1	1,5	Cytoplasm
EIF5	2,0	Cytoplasm
EIF6	2,6	Cytoplasm
ETF1	1,5	Cytoplasm
GSPT2	-2,1	Cytoplasm
HBS1L	1,9	Cytoplasm
PCBP1 (includes EG:5093)	1,8	Nucleus
SECISBP2	1,6	Cytoplasm
ADIPOR1	-1,5	Plasma Membrane
B2M	1,8	Plasma Membrane
B2M	9,1	Plasma Membrane
CEACAM1	-1,6	Plasma Membrane
CD40	47,6	Plasma Membrane
CD69	87,2	Plasma Membrane
CD74	73,9	Plasma Membrane
CLDN4	2,3	Plasma Membrane
F3	2,9	Plasma Membrane
DAG1	-1,8	Plasma Membrane
GPC1	-1,8	Plasma Membrane
GHR	-2,3	Plasma Membrane
GHR	-2,2	Plasma Membrane
ILDR1	-3,2	Plasma Membrane
ICAM1	152,8	Plasma Membrane
IFNGR1	1,7	Plasma Membrane
IFNGR2	2,2	Plasma Membrane
IL10RB	3,2	Plasma Membrane
IL13RA1	3,2	Plasma Membrane
LGALS3BP	10,3	Plasma Membrane
LMBR1	2,3	Plasma Membrane
LRP12	-1,7	Plasma Membrane
HLA-C	3,7	Plasma Membrane
HLA-C	4,9	Plasma Membrane
HLA-C	8,1	Plasma Membrane
HLA-C	8,1	Plasma Membrane
HLA-C	8,3	Plasma Membrane
HLA-C	8,6	Plasma Membrane
HLA-C	8,9	Plasma Membrane
HLA-C	12,6	Plasma Membrane

1397859_x_at	BI291927	major histocompatibility complex, class I, C
1370972_x_at	BI300597	major histocompatibility complex, class I, C
1369110_x_at	NM_012645	major histocompatibility complex, class I, C
1388255_x_at	AJ243338	major histocompatibility complex, class I, C
1371078_at	AI500830	major histocompatibility complex, class I, C
1388212_a_at	AJ243974	major histocompatibility complex, class I, E
1388164_at	AF029241	major histocompatibility complex, class I, E
1371123_x_at	AJ243973	major histocompatibility complex, class I, E
1388213_a_at	AJ243973	major histocompatibility complex, class I, E
1387205_at	NM_022921	major histocompatibility complex, class I, G
1370882_at	AI171966	major histocompatibility complex, class II, DM beta
1370822_at	AF307302	major histocompatibility complex, class II, DQ alpha 1
1371033_at	AI715202	major histocompatibility complex, class II, DQ beta 2
1370883_at	Y00480	major histocompatibility complex, class II, DR alpha
1370383_s_at	BI279526	major histocompatibility complex, class II, DR beta 1
1376362_at	BG380575	neuronal pentraxin receptor
1370177_at	AI548856	poliovirus receptor
1370789_a_at	L48060	prolactin receptor
1376327_at	AI169601	tumor necrosis factor receptor superfamily, member 14 (herpesvirus entry mediator)
1367715_at	NM_013091	tumor necrosis factor receptor superfamily, member 1A
1395132_at	BE115432	utrophin

Transporter

1368869_at	BG663107	A kinase (PRKA) anchor protein 12
1371493_at	BI285640	adaptor-related protein complex 2, alpha 2 subunit
1388813_at	BE112160	ADP-ribosylation factor 2
1369998_at	NM_024152	ADP-ribosylation factor 6
1385709_x_at	AW529028	ankylosis, progressive homolog (mouse)
1369249_at	NM_053714	ankylosis, progressive homolog (mouse)
1393439_a_at	AI045767	ankylosis, progressive homolog (mouse)
1386344_at	BG662519	ankylosis, progressive homolog (mouse)
1372604_at	BI289459	apolipoprotein L, 3
1373472_at	AI177008	ARP6 actin-related protein 6 homolog (yeast)
1370378_at	J05266	ATP synthase, H+ transporting, mitochondrial F1 complex, alpha subunit 1, cardiac muscle
1369065_a_at	NM_017290	ATPase, Ca++ transporting, cardiac muscle, slow twitch 2
1398862_at	J04024	ATPase, Ca++ transporting, cardiac muscle, slow twitch 2
1370426_a_at	AI175492	ATPase, Ca++ transporting, cardiac muscle, slow twitch 2
1397224_at	AW534277	ATPase, Ca++ transporting, plasma membrane 1
1387126_at	NM_131907	ATPase, Ca++ transporting, type 2C, member 1
1373546_at	AI409922	ATPase, class VI, type 11A
1384002_at	BG663077	ATPase, class VI, type 11B
1398905_at	BI285183	ATPase, H+ transporting, lysosomal 13kDa, V1 subunit G1
1398930_at	BI278546	ATPase, H+ transporting, lysosomal 21kDa, V0 subunit b
1388325_at	BF281358	ATPase, H+ transporting, lysosomal 34kDa, V1 subunit D
1387664_at	NM_057213	ATPase, H+ transporting, lysosomal 56/58kDa, V1 subunit B2
1386937_at	AI232036	ATPase, Na+/K+ transporting, beta 1 polypeptide
1383355_at	AW918387	ATP-binding cassette, sub-family A (ABC1), member 1
1370464_at	AF286167	ATP-binding cassette, sub-family B (MDR/TAP), member 1
1370465_at	AF257746	ATP-binding cassette, sub-family B (MDR/TAP), member 1
1368484_at	NM_022238	ATP-binding cassette, sub-family B (MDR/TAP), member 9
1371005_at	AI059506	ATP-binding cassette, sub-family C (CFTR/MRP), member 1
1368057_at	NM_012804	ATP-binding cassette, sub-family D (ALD), member 3
1368103_at	NM_053502	ATP-binding cassette, sub-family G (WHITE), member 1
1379717_at	BM385804	ATP-binding cassette, sub-family G (WHITE), member 3
1372709_at	AI172204	B-cell receptor-associated protein 29
1372710_at	AI175027	blocked early in transport 1 homolog (S. cerevisiae)
1371810_at	BF284093	coatamer protein complex, subunit gamma
1394565_at	BF406339	coatamer protein complex, subunit zeta 1
1374045_at	AI598851	component of oligomeric golgi complex 8

HLA-C	17,0	Plasma Membrane
HLA-C	17,7	Plasma Membrane
HLA-C	22,9	Plasma Membrane
HLA-C	23,2	Plasma Membrane
HLA-C	23,5	Plasma Membrane
HLA-E	62,6	Plasma Membrane
HLA-E	96,7	Plasma Membrane
HLA-E	107,0	Plasma Membrane
HLA-E	174,7	Plasma Membrane
HLA-G	10,8	Plasma Membrane
HLA-DMB	2,8	Plasma Membrane
HLA-DQA1	73,0	Plasma Membrane
HLA-DQB2	12,4	Plasma Membrane
HLA-DRA	77,6	Plasma Membrane
HLA-DRB1	23,2	Plasma Membrane
NPTXR	-2,2	Plasma Membrane
PVR	13,0	Plasma Membrane
PRLR	-4,7	Plasma Membrane
TNFRSF14	46,2	Plasma Membrane
TNFRSF1A	2,0	Plasma Membrane
UTRN	-3,1	Plasma Membrane
AKAP12	3,5	Cytoplasm
AP2A2	-2,2	Cytoplasm
ARF2	2,4	Cytoplasm
ARF6	1,9	Plasma Membrane
ANKH	-4,2	Plasma Membrane
ANKH	-3,8	Plasma Membrane
ANKH	-3,6	Plasma Membrane
ANKH	-2,5	Plasma Membrane
APOL3 (includes EG:80833)	94,3	Cytoplasm
ACTR6	2,0	Unknown
ATP5A1	-1,9	Cytoplasm
ATP2A2	-4,0	Cytoplasm
ATP2A2	-1,9	Cytoplasm
ATP2A2	-1,5	Cytoplasm
ATP2B1	-2,0	Plasma Membrane
ATP2C1	-1,7	Cytoplasm
ATP11A	1,9	Plasma Membrane
ATP11B	-1,8	Plasma Membrane
ATP6V1G1	2,1	Cytoplasm
ATP6V0B	1,6	Cytoplasm
ATP6VID	2,0	Cytoplasm
ATP6V1B2	4,4	Cytoplasm
ATP1B1	-1,6	Plasma Membrane
ABCA1	2,3	Plasma Membrane
ABCB1	4,5	Plasma Membrane
ABCB1	14,2	Plasma Membrane
ABCB9	-1,8	Cytoplasm
ABCC1	2,6	Plasma Membrane
ABCD3	-3,8	Cytoplasm
ABCG1	1,5	Plasma Membrane
ABCG3	11,5	Plasma Membrane
BCAP29	3,0	Cytoplasm
BET1	-1,7	Cytoplasm
COPG	-2,5	Cytoplasm
COPZ1	-1,8	Cytoplasm
COG8	-2,2	Cytoplasm

1387077_at	NM_031660	cyclic AMP phosphoprotein, 19 kD	ARPP-19	2,5	Cytoplasm
1387031_at	U36482	endoplasmic reticulum protein 29	ERP29	-2,5	Cytoplasm
1387369_at	NM_019277	exocyst complex component 6	EXOC6	3,9	Unknown
1388150_at	AW533924	exportin 1 (CRM1 homolog, yeast)	XPO1	3,3	Nucleus
1385428_at	AI072630	exportin 4	XPO4	1,7	Nucleus
1389063_at	BG378160	exportin 6	XPO6	2,9	Cytoplasm
1372496_at	BG371538	ferredoxin 1-like	FDX1L	1,9	Unknown
1387148_at	NM_134386	G protein-coupled receptor associated sorting protein 1	GPRASP1	-1,7	Cytoplasm
1380170_at	BI303388	GABA(A) receptor-associated protein-like 2	GABARAPL2 (includes EG:11345)	-2,7	Cytoplasm
1378079_at	BI295829	golgi autoantigen, golgin subfamily a, 3	GOLGA3	1,8	Cytoplasm
1370065_at	NM_053318	hemopexin	HPX	12,1	Extracellular Space
1388918_at	BG378074	high density lipoprotein binding protein	HDLBP	-2,2	Nucleus
1384244_at	AA964752	hydroxysteroid dehydrogenase like 2	HSDL2	2,1	Cytoplasm
1374135_at	AI233262	importin 4	IPO4	1,9	Nucleus
1373955_at	BI280339	importin 5	IPO5	3,2	Nucleus
1373722_at	BE111697	kinesin family member 20A	KIF20A	-1,9	Cytoplasm
1387011_at	NM_130741	lipocalin 2	LCN2	34,1	Extracellular Space
1381984_at	AI600142	major facilitator superfamily domain containing 1	MFSD1	1,8	Unknown
1372520_at	AI172056	myeloid cell leukemia sequence 1 (BCL2-related)	MCL1	2,8	Cytoplasm
1370141_at	NM_021846	myeloid cell leukemia sequence 1 (BCL2-related)	MCL1	5,5	Cytoplasm
1369690_at	AI547471	N-ethylmaleimide-sensitive factor	NSF	-1,9	Cytoplasm
1374075_at	AI175533	N-ethylmaleimide-sensitive factor attachment protein, gamma	NAPG	-1,6	Cytoplasm
1369999_a_at	NM_053601	neuronatin	NNAT	-3,4	Plasma Membrane
1376112_a_at	AI231712	nuclear transport factor 2	NUTF2	-2,3	Nucleus
1378185_at	AW528873	nuclear transport factor 2-like export factor 2	NXT2	3,0	Nucleus
1370934_at	L06821	nucleoporin 153kDa	NUP153	1,6	Nucleus
1382413_at	AA874825	nucleoporin 155kDa	NUP155	-1,6	Nucleus
1398259_at	NM_053952	nucleoporin 155kDa	NUP155	1,8	Nucleus
1383092_a_at	BE115060	nucleoporin 214kDa	NUP214	1,6	Nucleus
1367803_at	NM_017361	nucleoporin 54kDa	NUP54	2,7	Nucleus
1368199_at	NM_053616	nucleoporin 88kDa	NUP88	-1,5	Nucleus
1387399_at	NM_020098	piccolo (presynaptic cytomatrix protein)	PCLO	-4,6	Cytoplasm
1388393_at	BM385031	proteolipid protein 2 (colonic epithelium-enriched)	PLP2	2,3	Cytoplasm
1367939_at	NM_012733	retinol binding protein 1, cellular	RBP1	3,5	Extracellular Space
1367661_at	AF140232	S100 calcium binding protein A6	S100A6	2,6	Cytoplasm
1373610_at	AI232694	SEC24 family, member D (S. cerevisiae)	SEC24D	-1,6	Cytoplasm
1382615_at	BI284366	Sec61 alpha 1 subunit (S. cerevisiae)	SEC61A1	-1,8	Cytoplasm
1390115_at	BM384667	SEC63 homolog (S. cerevisiae)	SEC63	-1,7	Cytoplasm
1371769_at	BI279666	secretory carrier membrane protein 2	SCAMP2	-1,6	Cytoplasm
1374885_at	AI172278	solute carrier family 12 (potassium/chloride transporters), member 6	SLC12A6	-5,0	Plasma Membrane
1393364_at	BM385460	solute carrier family 12 (potassium/chloride transporters), member 8	SLC12A8	-1,5	Unknown
1390036_at	BI289867	solute carrier family 16, member 6 (monocarboxylic acid transporter 7)	SLC16A6	2,2	Plasma Membrane
1390591_at	AI169163	solute carrier family 17 (sodium phosphate), member 3	SLC17A3	7,1	Plasma Membrane
1369131_at	NM_013031	solute carrier family 18 (vesicular monoamine), member 2	SLC18A2	-1,9	Plasma Membrane
1390863_at	BF283298	solute carrier family 19 (thiamine transporter), member 2	SLC19A2	2,5	Plasma Membrane
1370848_at	BI284218	solute carrier family 2 (facilitated glucose transporter), member 1	SLC2A1	9,1	Plasma Membrane
1387228_at	NM_012879	solute carrier family 2 (facilitated glucose transporter), member 2	SLC2A2	-2,7	Plasma Membrane
1370314_at	AB000489	solute carrier family 20 (phosphate transporter), member 1	SLC20A1	4,1	Plasma Membrane
1398435_at	BE112977	solute carrier family 22, member 15	SLC22A15	1,7	Unknown
1371889_at	AW915448	solute carrier family 22, member 17	SLC22A17	-2,8	Plasma Membrane
1388000_at	AF021923	solute carrier family 24 (sodium/potassium/calcium exchanger), member 2	SLC24A2	-5,6	Plasma Membrane
1387103_s_at	NM_031720	solute carrier family 25 (mitochondrial carrier, brain), member 14	SLC25A14	-1,6	Cytoplasm
1371534_at	AI407908	solute carrier family 25 (mitochondrial carrier: glutamate), member 22	SLC25A22	2,0	Cytoplasm
1384368_at	AA900084	solute carrier family 25 (mitochondrial carrier; Graves disease autoantigen), member 16	SLC25A16	-1,9	Cytoplasm
1393947_at	BG377383	solute carrier family 25 (mitochondrial carrier; ornithine transporter) member 15	SLC25A15	-2,0	Cytoplasm
1372538_at	BM389148	solute carrier family 25 (mitochondrial carrier; peroxisomal membrane protein, 34kDa), member 17	SLC25A17	-1,6	Cytoplasm
1371754_at	AI177358	solute carrier family 25 (mitochondrial carrier; phosphate carrier), member 25	SLC25A25	-1,6	Cytoplasm
1392789_at	BI296353	solute carrier family 25, member 36	SLC25A36	4,6	Unknown

1368440_at	NM_017216	solute carrier family 3 (cystine, dibasic and neutral amino acid transporters, activator of cystine, dibasic and neutral amino acid transport), mem	SLC3A1	-6,0	Plasma Membrane
1388982_at	BM389066	solute carrier family 30 (zinc transporter), member 9	SLC30A9	-2,2	Nucleus
1373657_at	BF417391	solute carrier family 31 (copper transporters), member 2	SLC31A2	-2,5	Plasma Membrane
1394304_at	BF556357	solute carrier family 33 (acetyl-CoA transporter), member 1	SLC33A1	-1,8	Cytoplasm
1386960_at	NM_031589	solute carrier family 37 (glucose-6-phosphate transporter), member 4	SLC37A4	-5,5	Cytoplasm
1370409_at	AF075704	solute carrier family 38, member 1	SLC38A1	3,5	Plasma Membrane
1387970_at	AF276870	solute carrier family 38, member 5	SLC38A5	-7,5	Unknown
1372778_at	AA799420	solute carrier family 39 (zinc transporter), member 1	SLC39A1	2,4	Plasma Membrane
1373984_at	AA850715	solute carrier family 39 (zinc transporter), member 14	SLC39A14	-1,9	Plasma Membrane
1373326_at	AI716512	solute carrier family 4, sodium bicarbonate transporter, member 10	SLC4A10	2,3	Unknown
1384756_at	BF394311	solute carrier family 43, member 2	SLC43A2	-6,6	Plasma Membrane
1368414_at	NM_022590	solute carrier family 5 (sodium/glucose cotransporter), member 2	SLC5A2	-2,1	Plasma Membrane
1367810_at	AI412218	solute carrier family 6 (neurotransmitter transporter, creatine), member 8	SLC6A8	14,0	Cytoplasm
1373787_at	AA943735	solute carrier family 6 (neurotransmitter transporter, glycine), member 9	SLC6A9	5,9	Plasma Membrane
1368392_at	BF420160	solute carrier family 7 (cationic amino acid transporter, y+ system), member 1	SLC7A1	1,5	Plasma Membrane
1368391_at	NM_013111	solute carrier family 7 (cationic amino acid transporter, y+ system), member 1	SLC7A1	1,6	Plasma Membrane
1387280_a_at	NM_017353	solute carrier family 7 (cationic amino acid transporter, y+ system), member 5	SLC7A5	-1,8	Plasma Membrane
1387057_at	NM_053442	solute carrier family 7 (cationic amino acid transporter, y+ system), member 8	SLC7A8	-3,9	Plasma Membrane
1378133_at	AW532618	solute carrier family 7, (cationic amino acid transporter, y+ system) member 11	SLC7A11	8,8	Plasma Membrane
1390440_at	BG380512	solute carrier family 9 (sodium/hydrogen exchanger), member 6	SLC9A6	-2,1	Plasma Membrane
1368606_at	NM_030838	solute carrier organic anion transporter family, member 1a5	SLCO1A5	2,0	Plasma Membrane
1373734_at	AI101171	solute carrier organic anion transporter family, member 3A1	SLCO3A1	-3,3	Plasma Membrane
1372728_at	BE103745	sortilin 1	SORT1	-4,9	Cytoplasm
1393626_at	BF562507	sortilin-related receptor, L(DLR class) A repeats-containing	SORL1	-10,3	Plasma Membrane
1394786_at	AW526631	sortilin-related receptor, L(DLR class) A repeats-containing	SORL1	-3,9	Plasma Membrane
1393933_at	AW144823	sortilin-related receptor, L(DLR class) A repeats-containing	SORL1	-3,0	Plasma Membrane
1377458_at	AA850618	sortilin-related receptor, L(DLR class) A repeats-containing	SORL1	-2,9	Plasma Membrane
1377457_a_at	AA850618	sortilin-related receptor, L(DLR class) A repeats-containing	SORL1	-2,4	Plasma Membrane
1390710_x_at	AA850618	sortilin-related receptor, L(DLR class) A repeats-containing	SORL1	-2,4	Plasma Membrane
1368043_at	NM_053411	sorting nexin 1	SNX1	1,8	Cytoplasm
1379388_at	BI296311	sorting nexin 13	SNX13	2,2	Cytoplasm
1372656_at	BI282899	sorting nexin 15	SNX15	3,6	Cytoplasm
1387510_at	NM_022289	sorting nexin 16	SNX16	2,1	Unknown
1383742_at	AA997003	sorting nexin 7	SNX7	14,9	Unknown
1393183_at	H33503	StAR-related lipid transfer (START) domain containing 5	STARD5	-2,5	Cytoplasm
1370296_at	M34728	sterol carrier protein 2	SCP2	-2,0	Cytoplasm
1387026_at	NM_031683	structural maintenance of chromosomes 1A	SMC1A	2,2	Nucleus
1389359_at	BE120823	structural maintenance of chromosomes 4	SMC4	1,6	Nucleus
1370194_at	AA945699	synaptosomal-associated protein, 23kDa	SNAP23	1,7	Plasma Membrane
1387073_at	NM_030991	synaptosomal-associated protein, 25kDa	SNAP25	-1,7	Plasma Membrane
1374427_at	AI144986	synaptotagmin XIII	SYT13	-1,9	Unknown
1369457_a_at	AF419342	synaptotagmin-like 4	SYTL4	-10,4	Cytoplasm
1367530_at	AI412967	syntaxin 16	STX16	-3,0	Cytoplasm
1370014_at	NM_031125	syntaxin 4	STX4	1,9	Plasma Membrane
1370519_at	U06069	syntaxin binding protein 1	STXBP1	-1,8	Cytoplasm
1369726_at	NM_033098	TAP binding protein (tapasin)	TAPBP	14,9	Cytoplasm
1372092_at	BI278968	trafficking protein, kinesin binding 2	TRAK2	-3,0	Plasma Membrane
1370176_at	BG378620	trafficking protein, kinesin binding 2	TRAK2	-2,2	Plasma Membrane
1367765_at	NM_022534	transcobalamin II; macrocytic anemia	TCN2	-1,9	Extracellular Space
1388750_at	BF417032	transferrin receptor (p90, CD71)	TFRC	2,6	Plasma Membrane
1371113_a_at	M58040	transferrin receptor (p90, CD71)	TFRC	4,3	Plasma Membrane
1370366_at	AF150091	translocase of inner mitochondrial membrane 10 homolog (yeast)	TIMM10	3,1	Cytoplasm
1398868_at	AI408157	translocase of inner mitochondrial membrane 13 homolog (yeast)	TIMM13	2,0	Cytoplasm
1390237_at	BF558361	translocase of inner mitochondrial membrane 8 homolog A (yeast)	TIMM8A	2,6	Cytoplasm
1398973_at	BI296499	transmembrane 9 superfamily member 3	TM9SF3	-4,9	Cytoplasm
1379627_at	AW534630	transmembrane 9 superfamily member 3	TM9SF3	-2,2	Cytoplasm
1367513_at	BI284935	transmembrane 9 superfamily protein member 4	TM9SF4	-2,2	Cytoplasm
1390432_at	AA997338	transmembrane and coiled-coil domains 3	TMCO3	-5,8	Unknown

1391134_at	BF404933	transmembrane and coiled-coil domains 3		TMCO3	-2,2	Unknown
1388628_at	BI284430	transmembrane emp24 protein transport domain containing 3		TMED3	-1,7	Cytoplasm
1388149_at	X57523	transporter 1, ATP-binding cassette, sub-family B (MDR/TAP)		TAP1	158,1	Cytoplasm
1368732_at	NM_032056	transporter 2, ATP-binding cassette, sub-family B (MDR/TAP)		TAP2	38,3	Cytoplasm
1368669_at	NM_019354	uncoupling protein 2 (mitochondrial, proton carrier)		UCP2	-2,7	Cytoplasm
1373498_at	BI295924	vacuolar protein sorting 11 homolog (S. cerevisiae)		VPS11	1,9	Cytoplasm
1382099_at	BI289595	vacuolar protein sorting 26 homolog A (S. pombe)		VPS26A	1,7	Cytoplasm
1370521_at	U35245	vacuolar protein sorting 33 homolog B (yeast)		VPS33B	-1,5	Cytoplasm
1389611_at	AA849857	very low density lipoprotein receptor		VLDLR	2,3	Plasma Membrane
1387455_a_at	NM_013155	very low density lipoprotein receptor		VLDLR	2,3	Plasma Membrane
		Other				
1391754_at	BM391818	2'-5' oligoadenylate synthetase II		OAS1I	4,6	Unknown
1378345_at	BF389196	2-oxoglutarate and iron-dependent oxygenase domain containing 1		OGFOD1	-1,9	Unknown
1383358_at	AI072577	A kinase (PRKA) anchor protein 1		AKAP1	1,6	Cytoplasm
1382268_at	AW526712	A kinase (PRKA) anchor protein 13		AKAP13	-1,7	Cytoplasm
1385713_at	BF392577	A kinase (PRKA) anchor protein 8-like		AKAP8L	-1,7	Nucleus
1374746_at	AA891922	Ab1-152		LOC500877	2,0	Unknown
1377022_at	BF395328	abhydrolase domain containing 10		ABHD10	2,0	Unknown
1387909_at	U94904	abl interactor 2		ABI2	-1,7	Cytoplasm
1372249_at	BE108148	Ac1254		LOC362901	-1,7	Unknown
1386915_at	NM_131911	acidic (leucine-rich) nuclear phosphoprotein 32 family, member B		ANP32B	1,7	Nucleus
1371873_at	AA850735	acidic (leucine-rich) nuclear phosphoprotein 32 family, member E		ANP32E	-1,7	Nucleus
1372620_at	AI008642	acidic (leucine-rich) nuclear phosphoprotein 32 family, member E		ANP32E	1,7	Nucleus
1375641_at	BI296526	actin related protein 2/3 complex, subunit 5-like		ARPC5L (includes EG:296710)	2,8	Unknown
1384581_at	BI850151	actin, gamma 1		ACTG1	2,2	Cytoplasm
1371327_a_at	BG666668	actin, gamma 1		ACTG1	3,1	Cytoplasm
1369942_at	NM_031675	actinin, alpha 4		ACTN4	2,4	Cytoplasm
1376363_at	AI233337	actin-related protein 10 homolog (S. cerevisiae)		ACTR10	-2,6	Cytoplasm
1373507_at	AI232810	acyl-Coenzyme A binding domain containing 5		ACBD5	-2,0	Unknown
1382556_a_at	AI412140	adaptor protein, phosphotyrosine interaction, PH domain and leucine zipper containing 1		APPL1	2,8	Cytoplasm
1397579_x_at	BI294552	adenomatosis polyposis coli 2		APC2	-3,8	Cytoplasm
1383499_at	BG371995	adhesion molecule with Ig-like domain 1		AMIGO1	-2,8	Unknown
1373345_at	AW523747	adhesion molecule with Ig-like domain 2		AMIGO2	-2,4	Plasma Membrane
1392038_at	BF387389	ADP-ribosylation factor-like 6 interacting protein 1		ARL6IP1	2,7	Cytoplasm
1370307_at	M64780	agrin		AGRN	7,1	Plasma Membrane
1371703_at	AI407114	AHNAK nucleoprotein		AHNAK	8,3	Nucleus
1371571_at	BG671677	amyloid beta (A4) precursor protein		APP	-1,6	Plasma Membrane
1377697_at	BI275738	amyloid beta (A4) precursor protein-binding, family B, member 2		APBB2	-2,2	Cytoplasm
1389307_at	AW435479	amyloid beta (A4) precursor-like protein 1		APLP1	-2,8	Extracellular Space
1388121_at	M31322	amyloid beta (A4) precursor-like protein 2		APLP2	-2,2	Extracellular Space
1375880_at	AI170384	amyloid beta precursor protein (cytoplasmic tail) binding protein 2		APPBP2	-3,1	Cytoplasm
1389606_at	BI303298	anaphase promoting complex subunit 1		ANAPC1	-1,5	Nucleus
1371627_at	BI277433	angiominin like 1		AMOTL1	-8,4	Plasma Membrane
1383018_at	BF420082	angiopoietin-like 6		ANGPTL6	2,1	Extracellular Space
1389124_at	AI009814	ankyrin repeat domain 40		ANKRD40	-1,9	Unknown
1383964_at	AI549551	ankyrin repeat domain 50		ANKRD50	-2,8	Unknown
1367584_at	NM_019905	annexin A2		ANXA2	17,5	Plasma Membrane
1368908_at	NM_024155	annexin A4		ANXA4	2,0	Plasma Membrane
1387673_a_at	BI285568	annexin A6		ANXA6	-1,9	Plasma Membrane
1384675_at	AI029113	antisense paternally expressed gene 3		APEG3 (includes EG:619476)	-1,7	Unknown
1372390_at	AI710604	antisense paternally expressed gene 3		APEG3 (includes EG:619476)	-1,6	Unknown
1382118_at	BE104676	antisense paternally expressed gene 3		APEG3 (includes EG:619476)	-1,5	Unknown
1376496_at	AI717736	apolipoprotein L 9a		APOL9A (includes EG:503164)	13,8	Unknown
1383491_at	BM391709	apoptosis enhancing nuclease		AEN	5,9	Unknown
1369197_at	NM_023979	apoptotic peptidase activating factor 1		APAF1	2,5	Cytoplasm
1376300_at	BI289802	archaelysin family metallopeptidase 2		AMZ2	-2,2	Unknown
1385228_x_at	AI059117	ArfGAP with SH3 domain, ankyrin repeat and PH domain 1		ASAP1	1,6	Plasma Membrane
1373983_at	AI168986	arginine/serine-rich coiled-coil 2		RSRC2	1,6	Unknown

1392930_at	BI276980	armadillo repeat containing 1	ARMC1	-3,0	Unknown
1393118_at	BI295562	armadillo repeat containing 1	ARMC1	1,6	Unknown
1383592_at	AA925988	armadillo repeat containing 8	ARMC8	2,8	Unknown
1376297_at	BE112202	arrestin domain containing 1	ARRDC1	3,1	Unknown
1371614_at	AII69001	ATG12 autophagy related 12 homolog (S. cerevisiae)	ATG12	1,7	Cytoplasm
1385526_at	AA956721	ATG5 autophagy related 5 homolog (S. cerevisiae)	LOC365601	1,8	Cytoplasm
1374831_at	AII72579	ATH1, acid trehalase-like 1 (yeast)	ATHL1	-2,6	Unknown
1373729_at	BG376772	ATP synthase mitochondrial F1 complex assembly factor 1	ATPAF1	-1,5	Unknown
1379561_at	AW433567	ATPase family, AAA domain containing 1	ATAD1	2,1	Unknown
1393217_at	BF282804	ATP-binding cassette, sub-family G (WHITE), member 3-like 1	ABCG3L1	3,6	Unknown
1387127_at	NM_031351	atractin	ATRN	-2,6	Extracellular Space
1389402_at	AII78746	AXIN1 up-regulated 1	AXUD1	3,0	Nucleus
1368291_at	NM_021752	baculoviral IAP repeat-containing 2	BIRC2	2,2	Cytoplasm
1375941_at	BI292120	BAI1-associated protein 2-like 1	BAIAP2L1	2,1	Cytoplasm
1368509_at	NM_053618	Bardet-Biedl syndrome 2	BBS2	-1,9	Unknown
1367820_at	NM_053631	barrier to autointegration factor 1	BANF1	2,1	Nucleus
1367643_at	NM_012783	basigin (Ok blood group)	BSG	-1,6	Plasma Membrane
1393641_at	AA925583	B-cell linker	BLNK	3,0	Cytoplasm
1387805_at	NM_053420	BCL2/adenovirus E1B 19kDa interacting protein 3	BNIP3 (includes EG:664)	1,7	Cytoplasm
1386978_at	NM_080888	BCL2/adenovirus E1B 19kDa interacting protein 3-like	BNIP3L	-1,7	Cytoplasm
1368066_at	NM_053812	BCL2-antagonist/killer 1	BAK1	6,8	Cytoplasm
1369122_at	AF235993	BCL2-associated X protein	BAX	2,3	Cytoplasm
1372279_at	AA892271	BCL2-like 13 (apoptosis facilitator)	BCL2L13	2,7	Cytoplasm
1371958_at	BM392148	BCL2-like 2	BCL2L2	-4,2	Cytoplasm
1393707_at	AW527957	BCL2-like 2	BCL2L2	-1,8	Cytoplasm
1371811_at	BI278232	Bernardinelli-Seip congenital lipodystrophy 2 (seipin)	BCL2L2	-2,3	Cytoplasm
1377759_at	BG666928	BH3 interacting domain death agonist	BID	4,3	Cytoplasm
1392910_at	AA859968	block of proliferation 1	BOP1	1,9	Nucleus
1390738_at	BM385476	bone marrow stromal cell antigen 2	BST2	11,4	Plasma Membrane
1398350_at	BG380454	brain abundant, membrane attached signal protein 1	BASP1	1,7	Plasma Membrane
1390040_at	AA851481	brain and reproductive organ-expressed (TNFRSF1A modulator)	BRE	-1,8	Cytoplasm
1388690_at	AII05439	breast cancer metastasis-suppressor 1-like	BRMS1L	-2,0	Unknown
1388639_at	BF284148	breast carcinoma amplified sequence 3	BCAS3	-2,2	Nucleus
1392514_at	BE095565	brix domain containing 1	BXDC1	1,6	Nucleus
1389569_at	AW917092	brix domain containing 2	BXDC2	1,7	Nucleus
1371522_at	BI295010	bromo adjacent homology domain containing 1	BAHD1	2,0	Unknown
1372720_at	AA848449	BTB (POZ) domain containing 1	BTBD1	-2,8	Cytoplasm
1381974_at	AII01499	BTB (POZ) domain containing 3	BTBD3	-2,3	Unknown
1390865_at	AW524822	Ca ⁺⁺ -dependent secretion activator 2	CADPS2	2,6	Plasma Membrane
1386947_at	NM_031334	cadherin 1, type 1, E-cadherin (epithelial)	CDH1	1,9	Plasma Membrane
1370562_at	M11596	calcitonin-related polypeptide, beta	CALCB (includes EG:116903)	7,0	Extracellular Space
1387086_at	NM_053334	calcium modulating ligand	CAMLG	-5,4	Cytoplasm
1388659_at	BI295783	calcium regulated heat stable protein 1, 24kDa	CARHSP1	2,6	Cytoplasm
1392912_at	BG664561	calcyclin binding protein	CACYBP	1,6	Nucleus
1387772_at	NM_031969	calmodulin 1 (phosphorylase kinase, delta)	CALM1	-1,6	Plasma Membrane
1370873_at	A1411316	calmodulin 3 (phosphorylase kinase, delta)	CALM3	-4,0	Plasma Membrane
1387856_at	BI274457	calponin 3, acidic	CNN3	2,0	Cytoplasm
1371393_at	AA851222	calsyntenin 1	CLSTN1	-4,2	Plasma Membrane
1374081_at	A1011704	cancer susceptibility candidate 4	CASC4	-2,2	Unknown
1372584_at	BG672517	cannabinoid receptor interacting protein 1	CNRIP1	-2,6	Unknown
1373790_at	A1045400	carbonic anhydrase 14	CAR14	-3,5	Unknown
1368585_at	NM_017110	CART prepropeptide	CARTPT	-8,4	Extracellular Space
1368545_at	NM_057138	CASP8 and FADD-like apoptosis regulator	CFLAR	2,7	Cytoplasm
1398354_at	AI555457	catenin (cadherin-associated protein), alpha-like 1	CTNNAL1	-2,7	Plasma Membrane
1373279_at	BI275726	catenin, beta interacting protein 1	CTNNBIP1	-2,7	Cytoplasm
1371633_at	BI285669	catenin, beta like 1	CTNNBL1	-1,7	Nucleus
1368593_at	NM_017079	CD1d molecule	CD1D	1,6	Plasma Membrane
1369953_a_at	BI285141	CD24 molecule	CD24	-4,1	Plasma Membrane

1382603_at	AW521319	CD274 molecule	CD274	13,5	Plasma Membrane
1372071_at	AI102320	CD320 molecule	CD320	-1,8	Plasma Membrane
1387952_a_at	AF065147	CD44 molecule (Indian blood group)	CD44	4,8	Plasma Membrane
1368921_a_at	NM_012924	CD44 molecule (Indian blood group)	CD44	8,4	Plasma Membrane
1369559_a_at	NM_019195	CD47 molecule	CD47	4,1	Plasma Membrane
1387951_at	AB032395	CD55 molecule, decay accelerating factor for complement (Cromer blood group)	CD55	2,6	Plasma Membrane
1367929_at	NM_012925	CD59 molecule, complement regulatory protein	CD59	-2,9	Plasma Membrane
1386976_at	NM_031797	CD82 molecule	CD82	11,9	Plasma Membrane
1390529_at	AI412355	CD83 molecule	CD83	2,1	Plasma Membrane
1388530_at	BM389459	CDC42 small effector 1	CDC42SE1	3,4	Plasma Membrane
1388448_at	AI235065	CDC42 small effector 2	CDC42SE2	2,7	Plasma Membrane
1392542_at	AA944330	CDC42 small effector 2	CDC42SE2	6,8	Plasma Membrane
1373919_at	AA943801	CDGSH iron sulfur domain 2	CISD2	-2,0	Unknown
1382193_at	BI294188	CDGSH iron sulfur domain 2	CISD2	-1,8	Unknown
1392662_at	AI229905	CDGSH iron sulfur domain 2	CISD2	2,4	Unknown
1383028_at	BE120656	CDV3 homolog (mouse)	CDV3	3,7	Unknown
1396317_at	AI764350	cell cycle progression 1	CCPG1	-2,8	Unknown
1378739_at	AA818135	cell death-inducing DFFA-like effector c	CIDEC	5,6	Cytoplasm
1374074_at	BF285292	cell division cycle 37 homolog (S. cerevisiae)-like 1	CDC37L1	-1,5	Cytoplasm
1376864_at	BF396386	cell division cycle and apoptosis regulator 1	CCAR1	-1,9	Nucleus
1387244_at	NM_053899	cell growth regulator with ring finger domain 1	CGRRF1	2,2	Unknown
1382200_at	AW917547	centromere protein V	CENPV	-1,9	Nucleus
1377829_at	BI291153	centrosomal protein 57kDa	CEP57	-1,6	Cytoplasm
1374139_at	BG671589	cerebellar degeneration-related protein 2, 62kDa	CDR2	2,3	Cytoplasm
1389791_at	AI179775	ceroid-lipofuscinosis, neuronal 8 (epilepsy, progressive with mental retardation)	CLN8	-2,1	Cytoplasm
1371656_at	BI283657	chaperonin containing TCP1, subunit 4 (delta)	CCT4	1,5	Cytoplasm
1376570_at	BF417274	chaperonin containing TCP1, subunit 5 (epsilon)	CCT5	1,8	Cytoplasm
1371641_at	BM388827	chaperonin containing TCP1, subunit 7 (eta)	CCT7	1,6	Cytoplasm
1383152_at	BF544427	chitinase domain containing 1	CHID1	-2,4	Extracellular Space
1374695_at	BF564593	chromobox homolog 1 (HP1 beta homolog Drosophila)	CBX1	1,7	Nucleus
1387235_at	NM_021655	chromogranin A (parathyroid secretory protein 1)	CHGA	-3,8	Extracellular Space
1368034_at	NM_012526	chromogranin B (secretogranin 1)	CHGB	-2,9	Extracellular Space
1390218_at	BI295950	chromosome 1 open reading frame 149	C1ORF149	1,6	Nucleus
1374478_at	AA819329	chromosome 1 open reading frame 210	C1ORF210	-2,7	Unknown
1373652_at	BG374986	chromosome 1 open reading frame 71	C1ORF71	-1,6	Unknown
1372895_at	AI169367	chromosome 10 open reading frame 58	C10ORF58	13,7	Extracellular Space
1392938_s_at	BF561368	chromosome 11 open reading frame 17	C11ORF17	1,7	Nucleus
1371763_at	BI274533	chromosome 11 open reading frame 54	C11ORF54	-3,7	Nucleus
1388980_at	BG381728	chromosome 11 open reading frame 59	C11ORF59	2,2	Unknown
1372843_at	BG377188	chromosome 11 open reading frame 75	C11ORF75	1,5	Unknown
1384553_at	BE118056	chromosome 12 open reading frame 30	C12ORF30	2,2	Unknown
1385066_a_at	BM390527	chromosome 12 open reading frame 30	C12ORF30	2,3	Unknown
1378980_at	AI044779	chromosome 12 open reading frame 30	C12ORF30	3,5	Unknown
1373143_at	BM390131	chromosome 12 open reading frame 35	C12ORF35	2,7	Unknown
1388564_at	BF283612	chromosome 12 open reading frame 41	C12ORF41	1,8	Unknown
1378568_a_at	BM389379	chromosome 14 open reading frame 138	C14ORF138	1,5	Unknown
1371715_at	AI012212	chromosome 14 open reading frame 147	C14ORF147	-1,7	Unknown
1392641_at	AA957091	chromosome 15 open reading frame 29	C15ORF29	-1,5	Nucleus
1390249_at	BF558075	chromosome 15 open reading frame 39	C15ORF39	1,8	Unknown
1392547_at	AI716211	chromosome 15 open reading frame 48	C15ORF48	19,2	Nucleus
1382464_at	BF547020	chromosome 15 open reading frame 61	C15ORF61	-1,8	Unknown
1373603_at	BG673166	chromosome 16 open reading frame 42	C16ORF42	1,7	Unknown
1398998_at	AI407273	chromosome 16 open reading frame 72	C16ORF72	1,8	Unknown
1377644_at	BF284809	chromosome 16 open reading frame 87	C16ORF87	2,7	Unknown
1373830_at	AA893539	chromosome 17 open reading frame 62	C17ORF62	1,5	Unknown
1373831_at	AW920524	chromosome 17 open reading frame 62	C17ORF62	4,5	Unknown
1388465_at	AA891733	chromosome 18 open reading frame 19	C18ORF19	-1,5	Unknown
1392967_at	BF550692	chromosome 18 open reading frame 21	C18ORF21	-1,5	Unknown

1371409_at	AI231196	chromosome 18 open reading frame 32	C18ORF32	-1,8	Unknown
1389365_at	AI228291	chromosome 19 open reading frame 12	C19ORF12	3,7	Unknown
1384016_at	AI044937	chromosome 19 open reading frame 29	C19ORF29	1,9	Unknown
1394524_at	AW921279	chromosome 19 open reading frame 42	C19ORF42	-5,0	Unknown
1399080_at	BI292036	chromosome 19 open reading frame 42	C19ORF42	-2,4	Unknown
1383662_at	AI043759	chromosome 19 open reading frame 66	C19ORF66	2,1	Unknown
1371807_at	BE110607	chromosome 2 open reading frame 28	C2ORF28	-2,9	Unknown
1392481_at	BG057566	chromosome 2 open reading frame 29	C2ORF29	1,9	Unknown
1391224_at	AI169436	chromosome 20 open reading frame 152	C20ORF152	3,7	Unknown
1371478_at	AI409756	chromosome 20 open reading frame 24	C20ORF24	1,6	Cytoplasm
1372044_at	AI410321	chromosome 22 open reading frame 25	C22ORF25	-2,2	Unknown
1379939_a_at	AW526107	chromosome 3 open reading frame 14	C3ORF14	3,3	Unknown
1389386_at	AI170759	chromosome 3 open reading frame 23	C3ORF23	-1,8	Cytoplasm
1370360_at	AF146738	chromosome 3 open reading frame 34	C3ORF34	-2,3	Unknown
1389199_at	AI407536	chromosome 3 open reading frame 58	C3ORF58	1,9	Unknown
1378638_a_at	BM384709	chromosome 4 open reading frame 27	C4ORF27	-1,6	Nucleus
1390579_at	BI294760	chromosome 4 open reading frame 43	C4ORF43	2,7	Unknown
1376309_at	BI296018	chromosome 4 open reading frame 8	C4ORF8	-1,6	Unknown
1371412_a_at	BE107450	chromosome 5 open reading frame 13	C5ORF13	-5,1	Cytoplasm
1371619_at	BI296718	chromosome 5 open reading frame 15	C5ORF15	-2,6	Unknown
1373049_at	AI169619	chromosome 5 open reading frame 30	C5ORF30	4,0	Unknown
1377439_at	BF408617	chromosome 5 open reading frame 42	C5ORF42	3,4	Unknown
1383912_at	BM390524	chromosome 6 open reading frame 115	C6ORF115	2,5	Unknown
1397184_at	AI574688	chromosome 6 open reading frame 174	C6ORF174	-2,7	Unknown
1393027_at	AI058848	chromosome 6 open reading frame 211	C6ORF211	1,7	Unknown
1389384_at	BE111733	chromosome 6 open reading frame 66	C6ORF66	4,1	Unknown
1375874_at	AA799680	chromosome 6 open reading frame 72	C6ORF72	-1,9	Unknown
1376016_at	BF285425	chromosome 7 open reading frame 20	C7ORF20	-1,6	Unknown
1373547_at	AA849782	chromosome 7 open reading frame 25	C7ORF25	-3,1	Unknown
1389459_at	BE116947	chromosome 7 open reading frame 36	C7ORF36	2,0	Unknown
1377728_at	BI280802	chromosome 8 open reading frame 59	C8ORF59	1,7	Unknown
1396228_at	BG380184	chromosome 9 open reading frame 5	C9ORF5	2,3	Unknown
1374333_at	AI227700	chromosome 9 open reading frame 89	C9ORF89	-2,4	Cytoplasm
1372543_at	BI282107	chromosome X open reading frame 26	CXORF26	1,6	Unknown
1380185_at	BI303290	chromosome X open reading frame 56	CXORF56	-2,0	Unknown
1384615_at	AI071319	cisplatin resistance-associated overexpressed protein	CROP	-2,5	Nucleus
1391077_at	AA851257	claspin homolog (<i>Xenopus laevis</i>)	CLSPN	-1,9	Nucleus
1386875_a_at	M19261	clathrin, light chain (Lca)	CLTA	1,9	Plasma Membrane
1398878_at	Y17326	cleavage and polyadenylation specific factor 4, 30kDa	CPSF4	1,9	Nucleus
1383504_at	AW530604	cleavage and polyadenylation specific factor 6, 68kDa	CPSF6	-1,5	Nucleus
1376811_a_at	BE108383	cleavage and polyadenylation specific factor 6, 68kDa	CPSF6	2,1	Nucleus
1389368_at	AW253242	CNKSR family member 3	CNKSR3	14,1	Plasma Membrane
1376868_at	BM389293	COBL-like 1	COBLL1	-1,8	Unknown
1390281_a_at	AI407062	coenzyme Q10 homolog A (<i>S. cerevisiae</i>)	COQ10A	-2,1	Cytoplasm
1388483_at	BI296011	cofilin 2 (muscle)	CFL2	1,8	Nucleus
1384378_at	BI293046	coiled-coil alpha-helical rod protein 1	CCHCR1	7,4	Cytoplasm
1374874_at	AI410818	coiled-coil and C2 domain containing 2A	CC2D2A	-3,2	Unknown
1394424_at	AI547622	coiled-coil domain containing 104	CCDC104	-3,5	Unknown
1373806_at	AI044859	coiled-coil domain containing 104	CCDC104	-3,5	Unknown
1379826_at	AA859429	coiled-coil domain containing 107	CCDC107	-3,5	Unknown
1396315_at	BF408941	coiled-coil domain containing 112	CCDC112	3,1	Unknown
1379500_at	AA860044	coiled-coil domain containing 117	CCDC117	3,3	Unknown
1374929_at	AI010233	coiled-coil domain containing 126	CCDC126	-2,0	Unknown
1398371_at	AI409075	coiled-coil domain containing 132	CCDC132	2,5	Unknown
1376776_at	AW915484	coiled-coil domain containing 17	CCDC17	-2,7	Unknown
1390875_a_at	BF290046	coiled-coil domain containing 41	CCDC41	1,9	Unknown
1387944_at	AF092207	coiled-coil domain containing 5 (spindle associated)	CCDC5	-1,9	Nucleus
1375634_at	AA799472	coiled-coil domain containing 53	CCDC53	-2,5	Unknown

1393952_at	BI278833	coiled-coil domain containing 68	CCDC68	-18,3	Unknown
1378958_at	AA998314	coiled-coil domain containing 86	CCDC86	1,8	Unknown
1377194_a_at	BE107471	coiled-coil domain containing 90B	CCDC90B	1,5	Unknown
1385269_s_at	BI289167	coiled-coil domain containing 93	CCDC93	2,0	Unknown
1385268_at	BI289167	coiled-coil domain containing 93	CCDC93	2,8	Unknown
1373001_at	AA817990	coiled-coil-helix-coiled-coil-helix domain containing 4	CHCHD4	2,6	Unknown
1388973_at	BM388861	collagen, type IX, alpha 1	COL9A1	-7,1	Extracellular Space
1390846_at	BG380309	collagen, type XVI, alpha 1	COL16A1	-3,4	Extracellular Space
1398894_at	AI178763	COMM domain containing 3	COMMD3	1,5	Unknown
1398784_at	NM_019259	complement component 1, q subcomponent binding protein	C1QBP	2,1	Cytoplasm
1393740_at	BI294230	connector enhancer of kinase suppressor of Ras 1	CNKSR1	7,4	Cytoplasm
1399010_at	BG381740	COP9 constitutive photomorphogenic homolog subunit 7A (Arabidopsis)	COPS7A	1,7	Cytoplasm
1373747_at	BG381691	cornichon homolog 2 (Drosophila)	CNIH2	2,7	Extracellular Space
1389980_at	AI412591	cornichon homolog 4 (Drosophila)	CNIH4	2,2	Plasma Membrane
1396250_at	BF558291	coronin, actin binding protein, 1C	CORO1C	2,3	Cytoplasm
1371465_at	BM390681	cortactin	CTTN	-1,7	Plasma Membrane
1371646_at	AI008441	cortistatin	CORT	2,1	Extracellular Space
1375943_at	BI288873	CP110 protein	CP110	-3,3	Cytoplasm
1383647_a_at	BI283883	crumbs homolog 3 (Drosophila)	CRB3	1,6	Plasma Membrane
1383648_x_at	BI283883	crumbs homolog 3 (Drosophila)	CRB3	1,6	Plasma Membrane
1388385_at	BG371710	crystallin, beta A2	CRYBA2	-3,5	Unknown
1376051_at	BI293393	crystallin, lambda 1	CRYL1	-1,9	Unknown
1389249_at	BE114850	Ctr9, Paf1/RNA polymerase II complex component, homolog (S. cerevisiae)	CTR9	-1,7	Nucleus
1381685_a_at	BI276419	C-type lectin domain family 16, member A	CLEC16A	1,9	Unknown
1397247_at	BI276505	CUB domain containing protein 1	CDCP1	4,7	Plasma Membrane
1377005_at	BM390962	cullin 4B	CUL4B	-2,8	Unknown
1368801_at	NM_053342	CXXC finger 4	CXXC4	-4,4	Cytoplasm
1389101_at	BE120340	cyclin C	CCNC	1,6	Nucleus
1371643_at	AW143798	cyclin D1	CCND1	-1,8	Nucleus
1383075_at	BI295861	cyclin D1	CCND1	-1,5	Nucleus
1398340_at	AI317832	cyclin D-type binding-protein 1	CCNDBP1	-2,7	Nucleus
1371953_at	AI408309	cyclin G2	CCNG2	2,5	Nucleus
1368050_at	NM_053662	cyclin L1	CCNL1	1,8	Nucleus
1390815_at	BF282870	cyclin M1	CNNM1	-2,6	Plasma Membrane
1391270_at	BE112177	cyclin M3	CNNM3	-2,7	Unknown
1384268_at	AW435305	cyclin Y-like 1	CCNYL1	-6,6	Unknown
1388443_at	AI177871	cyclin-dependent kinase 2 associated protein 1	CDK2AP1	-1,6	Nucleus
1370226_at	AI409867	cystatin B (stefin B)	CSTB	1,9	Cytoplasm
1396327_at	BG374493	cytochrome P450, family 2, subfamily j, polypeptide 12	CYP2J12	25,2	Unknown
1372498_at	BF285068	cytokine induced apoptosis inhibitor 1	CIAPIN1	1,7	Cytoplasm
1392996_at	BG668435	cytoplasmic polyadenylation element binding protein 1	CPEB1	1,8	Cytoplasm
1372166_at	AI169146	D4, zinc and double PHD fingers family 2	DPF2	1,6	Nucleus
1373046_at	AW918273	DAZ associated protein 1	DAZAP1	2,4	Cytoplasm
1388626_at	AI638949	DDRGK domain containing 1	DDRGK1	-1,5	Extracellular Space
1372434_at	BE098114	deafness, autosomal recessive 31	DFNB31	2,9	Plasma Membrane
1383432_at	AI716676	death associated protein-like 1	DAPL1	-6,7	Unknown
1385210_at	BF389450	dedicator of cytokinesis 5	DOCK5	9,7	Unknown
1377835_at	BM390876	dedicator of cytokinesis 8	DOCK8	-1,9	Unknown
1374718_at	AA945915	deltex 3-like (Drosophila)	DTX3L	9,1	Cytoplasm
1380021_at	AI059486	DENN/MADD domain containing 2D	DENN2D	13,5	Cytoplasm
1389615_at	BI284801	Der1-like domain family, member 1	DERL1	2,1	Cytoplasm
1388685_at	AI011749	DiGeorge syndrome critical region gene 2	DGCR2	-1,7	Plasma Membrane
1382552_at	AW522677	DIP2 disco-interacting protein 2 homolog C (Drosophila)	DIP2C	1,7	Unknown
1370507_at	U67140	discs, large (Drosophila) homolog-associated protein 4	DLGAP4	2,2	Plasma Membrane
1369997_at	NM_031820	dishevelled, dsh homolog 1 (Drosophila)	DVL1	1,7	Cytoplasm
1375433_at	AI412473	dispatched homolog 2 (Drosophila)	DISP2	-2,3	Unknown
1367516_at	BG375549	distrobrevin binding protein 1	DTNBP1 (includes EG:641528)	3,5	Plasma Membrane
1383495_at	AI556858	DNA cross-link repair 1A (PSO2 homolog, S. cerevisiae)	DCLRE1A	-1,8	Nucleus

1387817_at	NM_024128	DNA segment on chromosome 4 (unique) 234 expressed sequence	D4S234E	-12,5	Cytoplasm
1368025_at	NM_080906	DNA-damage-inducible transcript 4	DDIT4	3,1	Cytoplasm
1389487_at	AA818949	DnaJ (Hsp40) homolog, subfamily B, member 12	DNAJB12	1,6	Cytoplasm
1387905_at	AB062135	DnaJ (Hsp40) homolog, subfamily C, member 12	DNAJC12	-2,2	Unknown
1369813_at	U39320	DnaJ (Hsp40) homolog, subfamily C, member 5	DNAJC5	15,7	Plasma Membrane
1386648_at	AW914996	DnaJ (Hsp40) homolog, subfamily C, member 6	DNAJC6	-2,1	Cytoplasm
1377125_at	AW523481	DnaJ (Hsp40) homolog, subfamily C, member 6	DNAJC6	-1,7	Cytoplasm
1374651_at	BM386987	dopey family member 2	DOPEY2	-3,2	Unknown
1374966_at	BE109057	doublecortin	DCX	-8,9	Cytoplasm
1376026_at	AII78243	downstream neighbor of SON	DONSON	14,9	Unknown
1368402_at	NM_031026	dynein, cytoplasmic 1, light intermediate chain 2	DYNC1LI2	-1,5	Cytoplasm
1388903_at	AII79335	dynein, light chain, Tctex-type 3	DYNLT3	-1,8	Cytoplasm
1388992_at	AII69305	E1A binding protein p400	EP400	1,6	Nucleus
1374183_at	AI705068	E2F-associated phosphoprotein	EAPP	2,4	Cytoplasm
1388397_at	BI281160	EBNA1 binding protein 2	EBNA1BP2	1,9	Nucleus
1395739_at	BG672302	EFR3 homolog A (S. cerevisiae)	EFR3A	4,2	Plasma Membrane
1389975_at	BE116949	ELAV (embryonic lethal, abnormal vision, Drosophila)-like 4 (Hu antigen D)	ELAVL4	-3,1	Cytoplasm
1368541_at	NM_053719	embigin homolog (mouse)	EMB	-2,0	Plasma Membrane
1373535_at	BF397848	enabled homolog (Drosophila)	ENAH	1,8	Cytoplasm
1388889_at	AI598417	endoplasmic reticulum metalloproteinase 1	ERMP1	1,8	Cytoplasm
1379396_at	AII01913	engulfment and cell motility 1	ELMO1	-4,6	Cytoplasm
1374585_at	AW915152	enoyl Coenzyme A hydratase domain containing 1	ECHDC1	-1,7	Unknown
1383747_at	AI578135	epithelial cell transforming sequence 2 oncogene	ECT2	-2,0	Nucleus
1372568_at	AI411270	EPM2A (laforin) interacting protein 1	EPM2AIP1	-1,8	Cytoplasm
1371580_at	AII02725	ER lipid raft associated 1	ERLIN1	1,9	Plasma Membrane
1373093_at	AI169756	ERBB receptor feedback inhibitor 1	ERRF1	2,3	Cytoplasm
1389970_at	BG378319	ERGIC and golgi 2	ERGIC2	-1,6	Unknown
1372643_at	BE110569	erythrocyte membrane protein band 4.1-like 2	EPB41L2	-2,4	Plasma Membrane
1393583_at	BE119096	Ewing tumor-associated antigen 1	ETAA1	2,1	Unknown
1393983_at	AA998204	exportin, tRNA (nuclear export receptor for tRNAs)	XPOT	3,0	Nucleus
1370875_at	AA851304	ezzrin	EZR	9,8	Plasma Membrane
1387279_at	NM_053796	F11 receptor	F11R	2,1	Plasma Membrane
1377938_at	AA859585	family with sequence similarity 100, member A	FAM100A	2,8	Unknown
1389146_at	BF283267	family with sequence similarity 107, member B	FAM107B	-2,2	Unknown
1389435_at	BE329046	family with sequence similarity 114, member A1	FAM114A1	-2,3	Unknown
1376708_at	BM385170	family with sequence similarity 115, member C	FAM115C	9,0	Unknown
1399150_at	AW144400	family with sequence similarity 116, member A	FAM116A	-1,8	Unknown
1383155_at	AA945854	family with sequence similarity 117, member B	FAM117B	-1,6	Unknown
1377648_at	BF414047	family with sequence similarity 120B	FAM120B	-2,5	Unknown
1382469_at	AA900787	family with sequence similarity 120C	FAM120C	-1,9	Unknown
1388482_at	BM384306	family with sequence similarity 129, member B	FAM129B	2,8	Unknown
1378606_at	AI010216	family with sequence similarity 13, member B1	FAM13B1	-1,6	Unknown
1383800_at	AW523537	family with sequence similarity 155, member A	FAM155A	-1,5	Unknown
1377848_at	AW535219	family with sequence similarity 175, member A	FAM175A	-2,6	Unknown
1391944_at	BI296237	family with sequence similarity 184, member A	FAM184A	-1,8	Unknown
1390844_at	AI230339	family with sequence similarity 33, member A	FAM33A	-1,8	Unknown
1379261_at	BE111490	family with sequence similarity 33, member A	FAM33A	-1,7	Unknown
1390403_at	BE108405	family with sequence similarity 43, member A	FAM43A	-1,6	Unknown
1374853_at	AII37833	family with sequence similarity 44, member B	FAM44B	1,9	Nucleus
1394940_at	BI294811	family with sequence similarity 46, member A	FAM46A	-1,9	Unknown
1382907_at	BI289723	family with sequence similarity 46, member C	FAM46C	-2,4	Extracellular Space
1390730_at	BM383911	family with sequence similarity 58, member A	FAM58A	-2,9	Unknown
1373761_at	AII76129	family with sequence similarity 60, member A	LOC686611	3,0	Unknown
1390171_at	AA924717	family with sequence similarity 76, member A	FAM76A	1,6	Unknown
1379636_at	AW528443	family with sequence similarity 82, member A1	FAM82A1	-1,8	Unknown
1372302_at	BF284897	family with sequence similarity 82, member A2	FAM82A2	4,6	Unknown
1370044_at	NM_080895	Fas apoptotic inhibitory molecule	FAIM	-2,4	Cytoplasm
1388137_a_at	AA955230	fasciculation and elongation protein zeta 2 (zygin II)	FEZ2	1,5	Cytoplasm

1370281_at	U13253	fatty acid binding protein 5-like 2	FABP5L2	7,7	Cytoplasm
1378294_at	BF282402	F-box and leucine-rich repeat protein 12	FBXL12	2,0	Cytoplasm
1384457_at	AI030755	F-box and WD-40 domain protein 17	FBXW17	6,2	Unknown
1376561_at	AW523739	F-box protein 16	FBXO16	-2,2	Unknown
1375041_at	AI599362	F-box protein 27	FBXO27	12,6	Unknown
1382059_at	BI289529	F-box protein 30	FBXO30	2,3	Unknown
1372873_at	BM385705	F-box protein 38	FBXO38	-1,5	Nucleus
1380379_at	AI228000	F-box protein 44	FBXO44	-1,9	Unknown
1373835_at	AI009785	F-box protein 8	FBXO8	-1,6	Unknown
1373588_at	H33457	FERM domain containing 8	FRMD8	3,6	Unknown
1382143_at	AA964898	FERM, RhoGEF (ARHGEF) and pleckstrin domain protein 1 (chondrocyte-derived)	FARP1	2,1	Unknown
1374239_at	BI282835	FERM, RhoGEF and pleckstrin domain protein 2	FARP2	-1,8	Cytoplasm
1367559_at	L01122	ferritin, light polypeptide	FTL	2,1	Cytoplasm
1372086_at	BM387251	FH2 domain containing 1	FHDC1	4,5	Unknown
1389621_at	BE113454	FIP1 like 1 (S. cerevisiae)	FIP1L1	1,7	Nucleus
1367746_a_at	NM_031830	flotillin 2	FLOT2	1,9	Plasma Membrane
1372526_at	BI278582	folliculin	FLCN	1,9	Unknown
1388684_at	BI274480	formin binding protein 4	FNBP4	2,6	Nucleus
1391411_at	AI179941	formin-like 2	FMNL2 (includes EG:114793)	3,0	Cytoplasm
1383098_at	BG667845	forty-two-three domain containing 1	FYTTD1	-2,2	Nucleus
1373836_at	AI236582	forty-two-three domain containing 1	FYTTD1	-1,6	Nucleus
1371951_at	AA800031	four and a half LIM domains 2	FHL2	7,0	Nucleus
1377011_at	BF415061	furry homolog (Drosophila)	FRY	-2,4	Unknown
1379434_at	BE100206	FYVE, RhoGEF and PH domain containing 1	FGD1	1,7	Cytoplasm
1381882_at	AI072357	FYVE, RhoGEF and PH domain containing 6	FGD6	8,8	Cytoplasm
1396280_at	BI277872	G patch domain and KOW motifs	GPKOW	3,1	Unknown
1382186_a_at	AI136314	G patch domain containing 4	GPATCH4	5,5	Unknown
1372313_at	BI275972	G protein-coupled receptor 89B	GPR89B	-2,3	Unknown
1378842_at	AI102520	GABA(A) receptor-associated protein like 1	GABARAPL1	2,2	Cytoplasm
1372201_at	AI233698	gametogenetin binding protein 2	GGNBP2	2,0	Unknown
1385717_at	AW524331	ganglioside-induced differentiation-associated protein 1	GDAP1	-1,8	Cytoplasm
1389390_at	AI599847	GATA zinc finger domain containing 1	GATAD1	1,8	Unknown
1387855_at	BI278628	GDP dissociation inhibitor 1	GDI1	-1,8	Cytoplasm
1398822_at	NM_017276	GDP dissociation inhibitor 2	GDI2	-1,9	Cytoplasm
1372702_at	BI284972	gene model 884, (NCBI)	GM884	-4,0	Unknown
1390623_at	BI279799	GINS complex subunit 3 (Psf3 homolog)	GINS3	2,2	Unknown
1393357_at	AW253109	GLE1 RNA export mediator homolog (yeast)	GLE1	1,6	Nucleus
1374690_at	AI599770	GLE1 RNA export mediator homolog (yeast)	GLE1	2,0	Nucleus
1380410_at	AI043958	GLI pathogenesis-related 2	GLIPR2	10,8	Cytoplasm
1373021_at	AI171823	glioblastoma amplified sequence	GBAS	-2,3	Plasma Membrane
1376175_at	BF283433	glioblastoma amplified sequence	GBAS	-1,6	Plasma Membrane
1369888_at	NM_012707	glucagon	GCG	-6,1	Extracellular Space
1373491_at	BI276464	glucosidase, beta, acid	GBA (includes EG:684536)	-1,9	Unknown
1371358_at	BI282960	glycoprotein, synaptic 2	GPSN2	-3,1	Plasma Membrane
1398606_at	BM391878	golgi integral membrane protein 4	GOLIM4	-1,9	Cytoplasm
1372330_at	BM391371	goliath	LOC652955	-2,1	Nucleus
1370417_at	M15527	gonadotropin-releasing hormone 1 (luteinizing-releasing hormone)	GNRH1	2,0	Extracellular Space
1374922_at	AI013096	GPN-loop GTPase 2	GPN2	1,5	Unknown
1372016_at	BI287978	growth arrest and DNA-damage-inducible, beta	GADD45B	38,8	Cytoplasm
1373499_at	BF287008	growth arrest-specific 5 (non-protein coding)	GAS5	2,2	Unknown
1367930_at	NM_017195	growth associated protein 43	GAP43	-2,0	Plasma Membrane
1368385_a_at	X62853	growth factor receptor-bound protein 2	GRB2	1,5	Cytoplasm
1367867_at	NM_013222	growth factor, augmenter of liver regeneration	GFER	3,7	Nucleus
1373142_at	AA858928	growth hormone inducible transmembrane protein	GHITM	1,8	Cytoplasm
1371574_at	BF284759	growth hormone inducible transmembrane protein	GHITM	2,3	Cytoplasm
1388953_at	AA892598	guanine nucleotide binding protein-like 3 (nucleolar)	GNL3	1,7	Nucleus
1376285_at	BM390519	GULP, engulfment adaptor PTB domain containing 1	GULP1	-2,5	Cytoplasm
1390019_at	BM390456	H3 histone, family 3B (H3.3B)	H3F3B	-1,7	Nucleus

1398849_at	AI177503	H3 histone, family 3B (H3.3B)	H3F3B	1,9	Nucleus
1388996_at	AI406527	haloacid dehalogenase-like hydrolase domain containing 2	HDHD2	-2,9	Unknown
1374957_at	AI408197	hCG21078	HCG 21078	-3,5	Unknown
1393096_at	BF393086	hCG21078	HCG 21078	-1,7	Unknown
1393331_at	AI575856	headcase homolog (Drosophila)	HECA	8,1	Unknown
1383710_at	BE098872	HEAT repeat containing 5B	HEATR5B	-2,4	Unknown
1388851_at	BI282281	heat shock 70kDa protein 9 (mortalin)	HSPA9	1,9	Cytoplasm
1372701_at	AI237597	heat shock protein 90kDa alpha (cytosolic), class A member 1	HSP90AA1	1,6	Cytoplasm
1368060_at	NM_031714	heat-responsive protein 12	HRSP12	-2,0	Cytoplasm
1388923_at	BG381657	HEC1/NDC80 interacting, centrosome associated 1	NY-SAR-48	-2,0	Unknown
1384882_at	AI229056	HECT domain containing 2	HECTD2	3,9	Unknown
1372076_at	BI294704	hepatitis B virus x interacting protein	HBXIP	2,0	Cytoplasm
1377283_at	BI274486	Hermansky-Pudlak syndrome 4	HPS4	-3,2	Cytoplasm
1371637_at	AI411691	heterochromatin protein 1, binding protein 3	HP1BP3	-1,6	Nucleus
1374405_at	AI233336	heterogeneous nuclear ribonucleoprotein A3	HNRNPA3	1,7	Nucleus
1371505_at	BG381750	heterogeneous nuclear ribonucleoprotein C (C1/C2)	HNRNPC	2,0	Nucleus
1375019_at	AI101886	heterogeneous nuclear ribonucleoprotein H3 (2H9)	HNRNPH3	1,8	Nucleus
1374105_at	H31665	HIG1 domain family, member 1A	HIGD1A	1,8	Plasma Membrane
1371989_at	BM386357	high mobility group nucleosomal binding domain 3	HMGN3	-1,7	Nucleus
1372263_at	BF396485	HLA-B associated transcript 2-like	BAT2L	1,9	Unknown
1372118_at	BI281674	HMP19 protein	HMP19	-3,4	Cytoplasm
1367741_at	NM_053523	homocysteine-inducible, endoplasmic reticulum stress-inducible, ubiquitin-like domain member 1	HERPUD1	1,9	Cytoplasm
1369358_a_at	AI412750	huntingtin-associated protein 1	HAP1	-4,8	Cytoplasm
1371736_at	AI411283	hypothetical gene supported by BC032431	LOC389203	-2,9	Unknown
1372850_at	AA799464	hypothetical LOC100151767	LOC100151767	1,9	Unknown
1393050_at	BG664069	hypothetical LOC302495	LOC302495	2,9	Unknown
1383874_at	BG670036	hypothetical protein FLJ36031	FLJ36031	2,4	Unknown
1375911_at	AI171772	hypothetical protein KIAA1434	RP5-1022P6.2	2,2	Unknown
1388407_at	AI008077	hypothetical protein LOC348262	LOC348262	2,8	Unknown
1388942_at	BM390129	hypothetical protein LOC679880	LOC679880	-2,6	Unknown
1377461_at	AI409983	hypothetical protein LOC680485	LOC680485	7,5	Unknown
1374499_at	BM383402	hypothetical protein LOC682999	LOC682999	2,6	Unknown
1390151_at	BM392146	hypothetical protein LOC683034	LOC683034	-2,0	Unknown
1373177_x_at	AI409900	hypothetical protein LOC685786	LOC685786	-1,6	Unknown
1388501_at	AW916335	hypothetical protein LOC686179	MGC125239	2,6	Unknown
1376737_at	BE110674	hypothetical protein LOC686259	LOC686259	2,4	Unknown
1377626_at	AA924350	hypothetical protein LOC686634	LOC686634	489,7	Unknown
1393234_at	BI285850	hypothetical protein LOC687105	LOC687105	6,7	Unknown
1371434_at	AI172362	hypothetical protein LOC691807	RCG 28701	2,2	Unknown
1385061_at	AI145445	hypothetical protein LOC730130	TCAG7.977	-1,7	Unknown
1388587_at	AI176519	immediate early response 3	IER3	4,0	Cytoplasm
1389355_at	BF285187	immediate early response 5	IER5	5,4	Unknown
1391489_at	AI407339	immunity-related GTPase family, M	IRGM	115,2	Cytoplasm
1394293_at	BG664973	IMP1 inner mitochondrial membrane peptidase-like (S. cerevisiae)	IMMP1L	-1,6	Unknown
1389521_at	AI408553	influenza virus NS1A binding protein	IVNS1ABP	-1,5	Nucleus
1374281_at	BE109901	INO80 homolog (S. cerevisiae)	INO80	1,6	Unknown
1393690_at	AA818627	insulin induced gene 2	INSIG2	2,0	Cytoplasm
1369771_at	NM_012969	insulin receptor substrate 1	IRS1	-2,3	Cytoplasm
1371334_at	BG668228	integral membrane protein 2C	ITM2C	-1,6	Cytoplasm
1367716_at	NM_133557	integrin alpha FG-GAP repeat containing 1	ITFG1	-2,0	Plasma Membrane
1386581_at	AW141214	integrin, alpha V (vitronectin receptor, alpha polypeptide, antigen CD51)	ITGAV	5,3	Plasma Membrane
1383880_at	BF418243	integrin, alpha V (vitronectin receptor, alpha polypeptide, antigen CD51)	ITGAV	10,4	Plasma Membrane
1387995_a_at	BI285494	interferon induced transmembrane protein 3 (I-8U)	IFITM3	9,6	Plasma Membrane
1387770_at	NM_130743	interferon, alpha-inducible protein 27	IFI27	3,5	Cytoplasm
1374551_at	BM388891	interferon-induced protein 35	IFI35	3,0	Nucleus
1381014_at	BI274623	interferon-induced protein 44	IFI44	16,1	Cytoplasm
1379748_at	AA819629	interferon-induced protein 44-like	IFI44L	40,0	Unknown
1379568_at	AI009765	interferon-induced protein with tetratricopeptide repeats 2	IFIT2	4,5	Unknown

1384180_at	BE118697	interferon-induced protein with tetratricopeptide repeats 2	IFIT2	30,9	Unknown
1367795_at	NM_019242	interferon-related developmental regulator 1	IFRD1	1,9	Nucleus
1373068_at	AI236977	interferon-related developmental regulator 2	IFRD2	2,3	Unknown
1369031_at	NM_053374	interleukin 18 binding protein	IL18BP	22,3	Extracellular Space
1373630_at	BG378832	intermediate filament family orphan 1	IFFO1	-1,9	Unknown
1387226_at	NM_019128	internexin neuronal intermediate filament protein, alpha	INA	-2,5	Cytoplasm
1378061_at	AI043888	intraflagellar transport 122 homolog (Chlamydomonas)	IFT122	2,7	Nucleus
1387046_at	NM_053792	intraflagellar transport 172 homolog (Chlamydomonas)	IFT172	-2,2	Nucleus
1380548_at	BF420494	intraflagellar transport 57 homolog (Chlamydomonas)	IFT57	4,0	Cytoplasm
1394038_at	BG371654	intraflagellar transport 81 homolog (Chlamydomonas)	IFT81	-1,5	Unknown
1382314_at	BE096523	ISG15 ubiquitin-like modifier	ISG15 (includes EG:9636)	649,3	Extracellular Space
1387660_at	M25390	islet amyloid polypeptide	IAPP	-1,7	Extracellular Space
1367787_at	NM_030844	islet cell autoantigen 1, 69kDa	ICA1	-1,6	Cytoplasm
1377756_at	AI232228	ISY1 splicing factor homolog (S. cerevisiae)	ISY1	1,7	Nucleus
1371983_at	AA945181	Josephin domain containing 1	JOSD1	-2,4	Unknown
1370975_at	AI172079	jumonji domain containing 1A	JMJD1A	3,8	Unknown
1374632_at	AI232697	jumonji domain containing 6	JMJD6	2,1	Plasma Membrane
1374124_at	AA851397	jumonji domain containing 8	JMJD8	-1,7	Unknown
1388799_at	BG374559	kelch-like 7 (Drosophila)	KLHL7	-1,8	Nucleus
1390526_at	BI289484	kelch-like 9 (Drosophila)	KLHL9	-1,8	Unknown
1388155_at	BI286012	keratin 18	KRT18	1,9	Cytoplasm
1388433_at	BI279605	keratin 19	KRT19	8,5	Cytoplasm
1376408_at	BF418111	KIAA0020	KIAA0020	3,2	Nucleus
1377708_at	BF281491	KIAA0020	KIAA0020	3,5	Nucleus
1382364_at	BI293914	KIAA0090	KIAA0090	-2,6	Plasma Membrane
1399124_at	AI598517	KIAA0090	KIAA0090	-2,2	Plasma Membrane
1398971_at	BI283725	KIAA0100	KIAA0100	-1,9	Extracellular Space
1381174_at	BG381120	KIAA0141	KIAA0141	2,3	Cytoplasm
1396239_at	AI502035	KIAA0146	KIAA0146	1,9	Unknown
1398607_at	AI717510	KIAA0240	KIAA0240	-1,7	Unknown
1393065_at	BI276770	KIAA0406	KIAA0406	-2,1	Unknown
1375548_at	BI296537	KIAA0494	KIAA0494	-1,7	Unknown
1383933_at	AI136714	KIAA0564	KIAA0564	-1,7	Unknown
1397290_at	AI408310	KIAA0892	KIAA0892	-2,0	Unknown
1397575_at	BF415880	KIAA0922	KIAA0922	-3,9	Unknown
1377157_at	BI273815	KIAA0947 protein	KIAA0947	-2,0	Unknown
1375853_at	BF284358	KIAA1033	KIAA1033	2,0	Unknown
1392838_at	BF398054	KIAA1033	KIAA1033	2,2	Unknown
1383165_at	BM390462	KIAA1324	KIAA1324	-1,8	Unknown
1393352_at	BI293882	KIAA1370	KIAA1370	-1,8	Unknown
1373300_at	BI296249	KIAA1467	KIAA1467	-2,9	Unknown
1382785_at	BE105549	kinesin family member 1A	KIF1A	6,9	Cytoplasm
1380172_at	BE104278	kinesin family member 5C	KIF5C	-3,1	Cytoplasm
1378197_at	AW433953	kinesin family member C2	KIFC2	-2,8	Cytoplasm
1389556_at	BI286000	kinesin-associated protein 3	KIFAP3	-1,9	Cytoplasm
1374006_at	BI295878	kynurenine aminotransferase III	KAT3	2,1	Unknown
1398943_at	BI274583	L antigen family, member 3	LAGE3	-2,2	Unknown
1390113_a_at	BI300539	La ribonucleoprotein domain family, member 1	LARP1	1,8	Unknown
1373422_at	BE108280	La ribonucleoprotein domain family, member 1	LARP1	2,0	Unknown
1374195_at	AA799544	ladinin 1	LAD1	2,9	Extracellular Space
1368055_a_at	BI282866	lamin A/C	LMNA	2,2	Nucleus
1379340_at	BM385282	laminin, gamma 2	LAMC2	27,2	Extracellular Space
1391565_at	AA899663	large subunit GTPase 1 homolog (S. cerevisiae)	LSG1	-6,5	Cytoplasm
1367768_at	NM_031655	latexin	LXN	1,6	Cytoplasm
1369716_s_at	NM_012976	lectin, galactose binding, soluble 5	LGALS5	25,1	Unknown
1386879_at	NM_031832	lectin, galactoside-binding, soluble, 3	LGALS3	5,8	Extracellular Space
1368960_at	NM_053862	lectin, galactoside-binding, soluble, 8	LGALS8	2,6	Extracellular Space
1387027_a_at	U72741	lectin, galactoside-binding, soluble, 9B	LGALS9B	8,2	Cytoplasm

1368848_at	NM_053886	lectin, mannose-binding, 1	LMAN1	-1,9	Cytoplasm
1371445_at	BF285649	leucine rich repeat containing 59	LRR59	1,7	Cytoplasm
1372405_at	BE107128	leucine rich repeat containing 68	LRR68 (includes EG:308398)	-2,0	Unknown
1391601_at	AA964579	leucine rich repeat neuronal 2	LRRN2	-3,4	Plasma Membrane
1396013_at	BI293141	leucine zipper-EF-hand containing transmembrane protein 1	LETM1	1,9	Cytoplasm
1398569_at	BF412229	leucine-rich repeats and death domain containing	LRDD	2,2	Cytoplasm
1383906_at	BF416847	likely ortholog of mouse lung-inducible Neutralized-related C3HC4 RING domain protein	LINCR	99,7	Unknown
1383863_at	BF288303	LIM domain only 2 (rhombotin-like 1)	LMO2	5,9	Nucleus
1373071_at	AI103101	lin-37 homolog (C. elegans)	LIN37	1,8	Unknown
1383665_at	BE096055	lipin 2	LPIN2	2,0	Nucleus
1373875_at	BG381541	LLP homolog, long-term synaptic facilitation (Aplysia)	LLPH	2,0	Unknown
1385487_at	AW530957	LSM1 homolog, U6 small nuclear RNA associated (S. cerevisiae)	LSM1	2,4	Nucleus
1381970_at	AA945865	LSM14A, SCD6 homolog A (S. cerevisiae)	LSM14A	2,1	Unknown
1376483_at	AW251852	LSM5 homolog, U6 small nuclear RNA associated (S. cerevisiae)	LSM5	1,6	Cytoplasm
1388347_at	AI233210	lymphocyte antigen 6 complex, locus E	LY6E	2,9	Plasma Membrane
1382277_at	AA894336	lymphocyte antigen 96	LY96	4,5	Plasma Membrane
1373904_at	AI103948	LysM, putative peptidoglycan-binding, domain containing 2	LYSMD2	1,6	Unknown
1381193_at	BE115518	lysophosphatidylglycerol acyltransferase 1	LPGAT1	2,8	Cytoplasm
1388748_at	AW525776	lysosomal protein transmembrane 4 alpha	LAPTM4A	1,6	Cytoplasm
1388728_at	BI282923	lysosomal protein transmembrane 4 beta	LAPTM4B	-2,0	Unknown
1367925_at	NM_022715	major vault protein	MVP	2,2	Nucleus
1379325_at	BI274837	makorin ring finger protein 1	MKRN1	2,5	Unknown
1375173_at	BM392302	mannose-6-phosphate protein p76	P76	1,5	Extracellular Space
1371587_at	AA817829	MAPK scaffold protein 1	MAPKSP1	2,7	Cytoplasm
1389306_at	BM387419	matrilin 2	MATN2	-6,4	Extracellular Space
1389433_at	BI298816	McKusick-Kaufman syndrome	MKKS	-2,5	Cytoplasm
1388368_at	BM389891	mediator complex subunit 28	MED28	3,1	Nucleus
1388491_at	AI234849	membrane-associated ring finger (C3HC4) 5	MARCH5	2,1	Unknown
1385790_at	BF560024	membrane-associated ring finger (C3HC4) 5	MARCH5	3,2	Unknown
1390485_at	BI290680	membrane-associated ring finger (C3HC4) 5	MARCH5	6,9	Unknown
1373087_at	AI175452	membrane-associated ring finger (C3HC4) 7	MARCH7	1,9	Unknown
1373113_at	AI231778	membrane-associated ring finger (C3HC4) 8	MARCH8	1,6	Cytoplasm
1388271_at	BM383531	metallothionein 1E	MT1E	65,9	Cytoplasm
1388267_a_at	M24327	metallothionein 1F	MT1F	30,5	Cytoplasm
1371237_a_at	AF411318	metallothionein 1F	MT1F	40,6	Cytoplasm
1398185_at	BF410350	microfibrillar-associated protein 3-like	MFAP3L	-1,6	Unknown
1388152_at	BG374290	microtubule-associated protein 2	MAP2	-2,9	Cytoplasm
1373397_at	AI180161	microtubule-associated protein, RP/EB family, member 1	MAPRE1	1,9	Cytoplasm
1372091_at	BI275959	MID1 interacting protein 1 (gastrulation specific G12 homolog (zebrafish))	MIDI1P1	-1,6	Cytoplasm
1382289_at	BI291954	mindbomb homolog 1 (Drosophila)	MIB1	-4,2	Cytoplasm
1392989_at	BI295986	mindbomb homolog 1 (Drosophila)	MIB1	-2,4	Cytoplasm
1393085_at	BI290341	MIT, microtubule interacting and transport, domain containing 1	MITD1	2,7	Unknown
1372566_at	AI412014	mitochondrial carrier homolog 2 (C. elegans)	MTCH2	-2,9	Cytoplasm
1375131_at	BF284715	mitochondrial carrier homolog 2 (C. elegans)	MTCH2	1,5	Cytoplasm
1372597_at	BE113348	mitochondrial ribosomal protein L14	MRPL14	4,8	Unknown
1373477_at	BM390306	mitochondrial ribosomal protein L19	MRPL19	2,0	Cytoplasm
1371888_at	AA892843	mitochondrial ribosomal protein L24	MRPL24	1,7	Unknown
1383618_at	BG378538	mitochondrial ribosomal protein L38	MRPL38	1,9	Unknown
1379874_at	BE107929	mitochondrial ribosomal protein L51	MRPL51	-2,4	Cytoplasm
1390509_a_at	BI294860	mitochondrial ribosomal protein L51	MRPL51	-1,5	Cytoplasm
1371809_at	BM389296	mitochondrial ribosomal protein S18B	MRPS18B	3,4	Cytoplasm
1380447_a_at	AI071722	mitochondrial ribosomal protein S18C	MRPS18C	1,5	Cytoplasm
1371608_at	BI275958	mitochondrial ribosomal protein S34	MRPS34	2,9	Cytoplasm
1372457_at	BF284182	mitochondrial tumor suppressor 1	MTUS1	-2,4	Unknown
1387971_a_at	AF092450	mitogen-activated protein kinase 8 interacting protein 1	MAPK8IP1	-1,8	Cytoplasm
1388990_at	AA924622	MKI67 (FHA domain) interacting nucleolar phosphoprotein	MKI67IP	1,5	Nucleus
1368071_at	NM_134410	MOCO sulphurase C-terminal domain containing 2	MOSC2	-1,7	Cytoplasm
1372043_at	BI282363	mRNA turnover 4 homolog (S. cerevisiae)	MRT04	3,5	Cytoplasm

1378034_at	BF552141	MTERF domain containing 3	MTERFD3	-3,6	Unknown
1392572_at	BI282339	musashi homolog 2 (Drosophila)	MSI2	1,8	Cytoplasm
1375140_at	AA818999	muscleblind-like 2 (Drosophila)	MBNL2	-3,3	Unknown
1389301_at	AI176665	muscleblind-like 2 (Drosophila)	MBNL2	-1,6	Unknown
1386074_at	AA850705	MYC induced nuclear antigen	MINA	-1,8	Nucleus
1371692_at	AI009661	myeloid/lymphoid or mixed-lineage leukemia (trithorax homolog, Drosophila); translocated to, 11	MLLT11	-1,8	Unknown
1368279_at	NM_053718	myeloid/lymphoid or mixed-lineage leukemia (trithorax homolog, Drosophila); translocated to, 3	MLLT3	2,2	Nucleus
1373027_at	AA944375	myeloid/lymphoid or mixed-lineage leukemia (trithorax homolog, Drosophila); translocated to, 4	MLLT4	1,6	Nucleus
1375703_at	BE117891	myeloid/lymphoid or mixed-lineage leukemia 5 (trithorax homolog, Drosophila)	MLL5	-1,8	Nucleus
1369720_at	NM_053986	myosin IB	MYO1B	3,2	Cytoplasm
1376098_a_at	BF282304	myosin IG	MYO1G	5,7	Cytoplasm
1369980_s_at	NM_053814	myosin phosphatase Rho interacting protein	MPRIIP	1,6	Cytoplasm
1388114_at	X05566	myosin regulatory light chain MRLC2	MRLC2	2,3	Cytoplasm
1370158_at	AA946388	myosin, heavy chain 10, non-muscle	MYH10	-3,3	Cytoplasm
1370949_at	M59859	myristoylated alanine rich protein kinase C substrate	MARCKS (includes EG:25603)	-2,3	Unknown
1398452_at	BI298587	N-acetyltransferase 12 (GCN5-related, putative)	NAT12	4,8	Unknown
1371559_at	AI103384	NAD kinase	NADK (includes EG:100125370)	-1,5	Unknown
1388362_at	BM390197	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex 13 pseudogene	RGD1561358	1,6	Unknown
1388907_at	BF400873	NECAP endocytosis associated 1	NECAP1	-2,1	Plasma Membrane
1390514_at	BI295160	NEDD4 binding protein 2-like 2	N4BP2L2	1,8	Unknown
1398893_at	BG671512	Nedd4 family interacting protein 1	NDFIP1	-1,6	Cytoplasm
1373861_at	AI228114	Nedd4 family interacting protein 2	NDFIP2 (includes EG:54602)	1,9	Cytoplasm
1389364_at	BF406709	Nedd4 family interacting protein 2	NDFIP2 (includes EG:54602)	3,1	Cytoplasm
1373775_at	AI232313	negative regulator of ubiquitin-like proteins 1	NUB1	3,6	Nucleus
1381509_at	BF393724	neighbor of BRCA1 gene 1	NBR1	4,0	Unknown
1374650_at	BM392374	neural precursor cell expressed, developmentally down-regulated 9	NEDD9	-1,9	Nucleus
1392581_at	BF420172	neurocalcin delta	NCALD	-7,2	Cytoplasm
1372953_at	AI101330	neurocalcin delta	NCALD	-5,0	Cytoplasm
1367956_at	NM_053543	neurochondrin	NCDN	-1,7	Unknown
1367845_at	NM_017029	neurofilament, medium polypeptide	NEFM	4,3	Cytoplasm
1372433_at	AI104715	neuroguidin, EIF4E binding protein	NGDN	1,9	Nucleus
1395083_at	AA926313	neuro-oncological ventral antigen 1	NOVA1	-2,7	Nucleus
1368255_at	NM_017354	neurotrimin	HNT	-2,8	Plasma Membrane
1374014_at	AI410079	neutral sphingomyelinase (N-SMase) activation associated factor	NSMAF	1,7	Cytoplasm
1389162_at	BI277328	NFU1 iron-sulfur cluster scaffold homolog (S. cerevisiae)	NFU1	2,6	Unknown
1371539_at	AW921151	NHP2 ribonucleoprotein homolog (yeast)	NHP2	2,1	Nucleus
1387977_at	AF218575	nibrin	NBN	1,7	Nucleus
1398610_at	BG375744	nicolin 1	NICN1 (includes EG:619581)	-1,5	Unknown
1371032_at	BG372942	nidogen 1	NID1	-1,7	Extracellular Space
1388878_at	BI279756	NIN1/RPN12 binding protein 1 homolog (S. cerevisiae)	NOB1	1,9	Nucleus
1370348_at	U72660	ninjurin 1	NINJ1	2,9	Plasma Membrane
1384801_at	AA963592	Nipped-B homolog (Drosophila)	NIPBL	1,9	Nucleus
1393248_at	BF407833	NMD3 homolog (S. cerevisiae)	NMD3	1,8	Nucleus
1384257_at	BF555394	non-POU domain containing, octamer-binding	NONO	2,0	Nucleus
1378642_at	AI112858	non-protein coding RNA 153	NCRNA00153	2,0	Unknown
1383752_at	BG375714	NOP2 nucleolar protein homolog (yeast)	NOP2	1,6	Nucleus
1373978_at	AI410277	nuclear cap binding protein subunit 1, 80kDa	NCBP1 (includes EG:4686)	1,6	Nucleus
1368436_at	NM_017271	nuclear distribution gene C homolog (A. nidulans)	NUDC	1,9	Cytoplasm
1389538_at	AW672589	nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor, alpha	NFKBIA	20,1	Cytoplasm
1394371_at	BF556765	nuclear fragile X mental retardation protein interacting protein 1	NUFIP1	3,0	Nucleus
1376250_at	BI284814	nuclear fragile X mental retardation protein interacting protein 1	NUFIP1	3,9	Nucleus
1387950_at	AF158186	nuclear import 7 homolog (S. cerevisiae)	NIP7	1,7	Nucleus
1383530_at	AA925994	nuclear receptor interacting protein 3	NRIP3	1,9	Unknown
1370000_at	NM_021663	nucleobindin 2	NUCB2	-2,1	Nucleus
1384280_at	AA964152	nucleolar and spindle associated protein 1	NUSAP1	-1,9	Nucleus
1398832_at	NM_012749	nucleolin	NCL	1,9	Nucleus
1395212_at	BE105805	nucleophosmin/nucleoplasmin, 2	NPM2	-1,7	Nucleus
1383673_at	BI288925	nucleosome assembly protein 1-like 2	NAP1L2	-3,4	Nucleus

1388438_at	AI230346	nucleosome assembly protein 1-like 4	NAP1L4	1,5	Nucleus
1375861_at	BE111332	nucleosome assembly protein 1-like 5	NAP1L5	-6,3	Unknown
1371503_at	BI289647	nucleotide binding protein 1 (MinD homolog, E. coli)	NUBP1	2,1	Unknown
1393753_at	BE114265	NudC domain containing 1	NUDCD1	1,7	Unknown
1372939_at	AI010173	NudC domain containing 2	NUDCD2	1,8	Unknown
1367761_at	NM_133320	nudE nuclear distribution gene E homolog (A. nidulans)-like 1	NDEL1	1,5	Nucleus
1388645_at	AI175494	Obg-like ATPase 1	OLA1	2,1	Cytoplasm
1382814_at	AW521702	odz, odd Oz/ten-m homolog 3 (Drosophila)	ODZ3	-3,9	Plasma Membrane
1369008_a_at	NM_053573	olfactomedin 1	OLFM1	2,0	Cytoplasm
1388432_at	BI294994	optineurin	OPTN	2,9	Cytoplasm
1370618_at	AB069907	optineurin	OPTN	6,6	Cytoplasm
1379977_at	AI176858	ORAI calcium release-activated calcium modulator 3	ORAI3	-2,2	Unknown
1389141_at	BF288111	origin recognition complex, subunit 2-like (yeast)	ORC2L	1,7	Nucleus
1391703_at	BF414253	origin recognition complex, subunit 4-like (yeast)	ORC4L	1,9	Nucleus
1376316_at	AI070593	origin recognition complex, subunit 6 like (yeast)	ORC6L	-2,0	Nucleus
1398907_at	BI296182	ORM1-like 2 (S. cerevisiae)	ORMDL2	-2,2	Cytoplasm
1388454_at	AI230759	ornithine decarboxylase antizyme 2	OAZ2 (includes EG:501454)	-1,8	Unknown
1384254_at	AI717553	OTU domain containing 1	OTUD1	3,8	Unknown
1367869_at	NM_057153	oxidation resistance 1	OXR1	-2,7	Cytoplasm
1371978_at	AI406375	oxysterol binding protein-like 9	OSBPL9	1,9	Cytoplasm
1372941_at	BI273897	p53 and DNA damage regulated 1	PDRG1	2,1	Cytoplasm
1373653_at	BF550883	PAP associated domain containing 1	PAPD1	1,9	Unknown
1384352_at	AI547390	PAP associated domain containing 4	PAPD4	3,7	Unknown
1391415_at	AI043694	partner of NOB1 homolog (S. cerevisiae)	PNO1	2,4	Nucleus
1376598_at	AI179993	PAX interacting (with transcription-activation domain) protein 1	PAXIP1	-1,9	Nucleus
1375012_at	BF399627	PDZ domain containing 4	PDZD4	-2,0	Cytoplasm
1399034_at	AI009650	pecanex homolog (Drosophila)	PCNX	1,6	Plasma Membrane
1371684_at	AA799330	pelota homolog (Drosophila)	PELO	3,9	Nucleus
1371064_at	U95920	pericentriolar material 1	PCMI	-1,5	Cytoplasm
1374855_at	BI279017	period homolog 1 (Drosophila)	PER1	4,0	Nucleus
1384237_at	BF420822	peroxisomal biogenesis factor 10	PEX10	1,6	Cytoplasm
1382546_at	AW920026	PHD finger protein 11	PHF11 (includes EG:51131)	8,5	Unknown
1376169_at	BE104290	PHD finger protein 20-like 1	PHF20L1	-1,7	Unknown
1373052_at	BI275649	phosducin-like 3	PDCL3	2,9	Cytoplasm
1374571_at	AI172192	phosphatidylinositol glycan anchor biosynthesis, class X	PIGX	-3,4	Unknown
1370202_at	BG378637	phospholipase A2, group XVI	PLA2G16	52,9	Nucleus
1389654_at	BM392070	plastin 1 (I isoform)	PLS1 (includes EG:5357)	-1,9	Cytoplasm
1389522_at	BE109446	pleckstrin homology domain containing, family A member 6	PLEKHA6	-2,4	Unknown
1379536_at	BF547014	pleckstrin homology domain containing, family A member 6	PLEKHA6	2,3	Unknown
1375631_at	AI177176	pleckstrin homology domain containing, family B (evectins) member 2	PLEKHB2	1,6	Unknown
1372824_at	AI103367	pleckstrin homology domain containing, family F (with FYVE domain) member 2	PLEKHF2 (includes EG:362484)	2,7	Unknown
1375767_at	BI287681	pleckstrin homology domain containing, family G (with RhoGef domain) member 3	PLEKHG3	4,7	Unknown
1380867_a_at	BM383086	pleckstrin homology domain containing, family M (with RUN domain) member 1	PLEKHM1	1,6	Cytoplasm
1379724_at	BE103244	pleckstrin homology-like domain, family B, member 2	PHLDB2	-4,1	Cytoplasm
1385491_at	BF403514	PNMA-like 2	PNMAL2	-5,9	Unknown
1378027_at	AW525315	poliovirus receptor-related 3	PVRL3	1,8	Plasma Membrane
1380071_at	BI285978	poly (ADP-ribose) polymerase family, member 12	PARP12	5,0	Nucleus
1379613_at	BM390301	poly (ADP-ribose) polymerase family, member 14	PARP14	13,0	Cytoplasm
1372034_at	BF284106	poly (ADP-ribose) polymerase family, member 14	PARP14	26,2	Cytoplasm
1374031_at	BI295824	poly (ADP-ribose) polymerase family, member 6	PARP6	2,0	Unknown
1377970_at	BE105494	poly (ADP-ribose) polymerase family, member 8	PARP8	3,3	Unknown
1376144_at	AA819679	poly (ADP-ribose) polymerase family, member 9	PARP9	22,4	Nucleus
1371777_at	BM383696	poly(A) binding protein, cytoplasmic 4 (inducible form)	PABPC4	1,9	Cytoplasm
1379645_at	BE113614	polybromo 1	PBRM1	-1,8	Nucleus
1377042_at	BI288196	polycomb group ring finger 5	PCGF5	2,4	Unknown
1371920_at	AA851255	polymerase (DNA-directed), delta interacting protein 2	POLDIP2	-1,7	Nucleus
1399134_at	AW144008	POT1 protection of telomeres 1 homolog (S. pombe)	POT1	-2,0	Nucleus
1375940_a_at	BF396656	potassium channel tetramerisation domain containing 17	KCTD17	-1,7	Unknown

1374326_at	AI178019	PPAN-P2RY11 readthrough transcript	PPAN-P2RY11	1,9	Nucleus
1387903_at	D32249	praja ring finger 2	PJA2	-1,7	Cytoplasm
1370156_at	BI278802	prion protein	PRNP	-1,6	Plasma Membrane
1386912_at	NM_019237	procollagen C-endopeptidase enhancer	PCOLCE	-1,6	Extracellular Space
1389325_at	AA848545	programmed cell death 10	PDCD10	2,0	Cytoplasm
1376212_at	AI102437	programmed cell death 2-like	PDCD2L	3,1	Unknown
1387521_at	NM_022265	programmed cell death 4 (neoplastic transformation inhibitor)	PDCD4	-5,6	Nucleus
1383328_x_at	AI576297	programmed cell death 4 (neoplastic transformation inhibitor)	PDCD4	-4,5	Nucleus
1383327_at	AI576297	programmed cell death 4 (neoplastic transformation inhibitor)	PDCD4	-3,8	Nucleus
1388120_at	BE328942	programmed cell death 6 interacting protein	PDCD6IP	1,7	Cytoplasm
1370381_at	U61729	proline-rich nuclear receptor coactivator 1	PNRC1	1,9	Nucleus
1377744_at	BF392982	proline-serine-threonine phosphatase interacting protein 2	PSTPIP2	1,6	Cytoplasm
1367835_at	NM_019279	proprotein convertase subtilisin/kexin type 1 inhibitor	PCSK1N	-2,5	Extracellular Space
1369929_at	NM_013013	prosaposin	PSAP	-1,6	Extracellular Space
1367986_at	NM_019243	prostaglandin F2 receptor negative regulator	PTGFRN	3,4	Plasma Membrane
1388430_at	BI280292	prostate tumor overexpressed 1	PTOV1	-1,9	Nucleus
1367663_at	NM_017264	proteasome (prosome, macropain) activator subunit 1 (PA28 alpha)	PSME1	5,0	Cytoplasm
1387345_at	NM_023986	proteasome (prosome, macropain) activator subunit 4	PSME4	-1,8	Unknown
1371876_at	BM387084	proteasome (prosome, macropain) assembly chaperone 2	PSMG2	2,4	Nucleus
1399051_at	BE104409	protein associated with topoisomerase II homolog 1 (yeast)	PATL1	2,5	Unknown
1371600_at	AA943815	protein kinase (cAMP-dependent, catalytic) inhibitor gamma	PKIG	1,8	Unknown
1386971_at	NM_022951	protein phosphatase 1, regulatory (inhibitor) subunit 10	PPP1R10	-2,0	Nucleus
1393082_at	AI044747	protein phosphatase 1, regulatory (inhibitor) subunit 14C	PPP1R14C	2,1	Cytoplasm
1368716_at	NM_133425	protein phosphatase 1, regulatory (inhibitor) subunit 14C	PPP1R14C	2,3	Cytoplasm
1370174_at	BI284349	protein phosphatase 1, regulatory (inhibitor) subunit 15A	PPP1R15A (includes EG:23645)	9,7	Cytoplasm
1367888_at	NM_053572	protocadherin 21	PCDH21	11,7	Plasma Membrane
1391013_at	AW523567	protocadherin 8	PCDH8	1,8	Plasma Membrane
1383783_at	AW521192	protocadherin 9	PCDH9	-2,9	Plasma Membrane
1368145_at	NM_013002	Purkinje cell protein 4	PCP4	-4,0	Cytoplasm
1390647_at	AI410924	putative homeodomain transcription factor 2	PHTF2	-3,9	Cytoplasm
1375378_at	BE108882	quaking homolog, KH domain RNA binding (mouse)	QKI	1,7	Nucleus
1373481_at	AI227908	R3H domain containing 1	R3HDM1	1,5	Unknown
1392464_at	BM392372	RAE1 RNA export 1 homolog (S. pombe)	RAE1	1,6	Nucleus
1376029_at	BI295991	ral guanine nucleotide dissociation stimulator-like 2	RGL2	19,1	Cytoplasm
1374750_at	AI172313	Rap guanine nucleotide exchange factor (GEF) 6	RAPGEF6	2,6	Plasma Membrane
1377833_at	BF396950	RAP1 interacting factor homolog (yeast)	RIF1	1,6	Nucleus
1388646_at	BM391469	raptor	KIAA1303	-2,8	Cytoplasm
1373989_at	AI103943	Ras association (RalGDS/AF-6) domain family member 1	RASSF1	2,3	Nucleus
1374165_at	AA818264	RAS p21 protein activator 4	RASA4 (includes EG:10156)	6,2	Cytoplasm
1379285_at	AA819788	receptor (chemosensory) transporter protein 4	RTP4	30,2	Plasma Membrane
1372175_at	BE112899	receptor accessory protein 3	REEP3	-1,5	Unknown
1393097_at	AI709802	regulation of nuclear pre-mRNA domain containing 1A	RPRD1A	2,4	Unknown
1389066_at	BI274408	regulator of calcineurin 2	RCAN2	-7,0	Unknown
1374235_at	AI138048	regulator of calcineurin 2	RCAN2	-1,5	Unknown
1371563_at	BE109154	regulator of chromosome condensation 2	RCC2	1,9	Nucleus
1398483_at	AI229118	regulator of G-protein signaling 17	RGS17	1,6	Cytoplasm
1391075_at	AI179271	regulator of G-protein signaling 17	RGS17	2,8	Cytoplasm
1394280_at	AW140991	regulator of G-protein signaling 17	RGS17	3,2	Cytoplasm
1383357_a_at	BF403558	RELT-like 1	RELL1	1,5	Unknown
1376401_at	AI412569	replication initiator 1	REPIN1	2,0	Unknown
1389053_at	AI171280	required for meiotic nuclear division 1 homolog (S. cerevisiae)	RMND1	3,8	Unknown
1388749_at	BI278823	required for meiotic nuclear division 5 homolog A (S. cerevisiae)	RMND5A	-2,1	Unknown
1387081_at	NM_017132	reticulocalbin 2, EF-hand calcium binding domain	RCN2	4,9	Cytoplasm
1368097_a_at	NM_053865	reticulum 1	RTN1	-2,4	Cytoplasm
1373571_at	AI170276	reticulum 3	RTN3	-1,5	Cytoplasm
1374852_at	AI407613	RGD1559909	RGD1559909	-1,6	Unknown
1375305_at	BI282028	RGD1563912	RGD1563912	-4,4	Unknown
1392823_at	AI146105	RGD1563912	RGD1563912	-3,9	Unknown

1388900_at	BG381414	RGD1566118	RGD1566118	4,0	Unknown
1372585_at	BM388445	RGD1566254	RGD1566254	613,0	Unknown
1371366_at	AI408677	Rho GDP dissociation inhibitor (GDI) alpha	ARHGDI A	2,3	Cytoplasm
1387035_a_at	NM_022244	Rho GTPase activating protein 17	ARHGAP17	2,5	Cytoplasm
1374086_at	BF282296	Rho GTPase activating protein 21	ARHGAP21	2,2	Cytoplasm
1376501_at	AA945062	Rho GTPase activating protein 8	ARHGAP8	10,6	Cytoplasm
1395229_at	BG375118	Rho guanine nucleotide exchange factor (GEF) 12	ARHGEF12	3,4	Cytoplasm
1377750_at	AI454536	Rho guanine nucleotide exchange factor (GEF) 3	ARHGEF3	-2,3	Cytoplasm
1381297_at	BI292668	Rho guanine nucleotide exchange factor (GEF) 5	ARHGEF5	6,0	Cytoplasm
1383523_at	BE110369	rho/rac guanine nucleotide exchange factor (GEF) 18	ARHGEF18	2,1	Cytoplasm
1390786_at	BE099756	rho/rac guanine nucleotide exchange factor (GEF) 2	ARHGEF2	2,3	Cytoplasm
1374376_at	BM386483	Rho-guanine nucleotide exchange factor	RGNEF	3,1	Unknown
1384765_at	BI289371	rhomboid 5 homolog 2 (Drosophila)	RHBDF2	13,0	Unknown
1373581_at	BG380767	Rho-type GTPase-activating protein RICH2	RICH2	2,4	Unknown
1370880_at	X62528	ribonuclease/angiogenin inhibitor 1	RNHI	2,8	Cytoplasm
1390769_at	AI535312	ribose-phosphate pyrophosphokinase I -like	LOC314140	1,7	Unknown
1371295_at	AW914097	ribosomal protein S20	RPS20	1,5	Cytoplasm
1371488_at	AW915978	RIKEN cDNA 0610010E21 gene	0610010E21RIK	2,0	Unknown
1385060_at	BF401036	RIKEN cDNA 1110012D08 gene	1110012D08RIK	-3,0	Unknown
1376845_at	AA819034	RIKEN cDNA 1810023F06 gene	1810023F06RIK	3,6	Unknown
1380105_at	C07059	RIKEN cDNA 2010107G12 gene	2010107G12RIK	-3,6	Unknown
1382436_at	BM386497	RIKEN cDNA 2610002M06 gene	2610002M06RIK	3,4	Cytoplasm
1390907_at	AI145039	RIKEN cDNA 2610008E11 gene	2610008E11RIK	-2,0	Unknown
1380619_at	AI177390	RIKEN cDNA 3110001I22 gene	3110001I22RIK	2,2	Unknown
1384483_at	BI274216	RIKEN cDNA 9530082P21 gene	9530082P21RIK	10,9	Unknown
1399057_at	BE109080	RIKEN cDNA A730098P11 gene	A730098P11RIK	1,6	Nucleus
1397267_at	BF410275	RIMS binding protein 2	RIMBP2	-3,7	Plasma Membrane
1375955_at	BI289415	ring finger protein 114	RNF114	3,2	Unknown
1372865_at	AI171206	ring finger protein 115	RNF115	4,4	Cytoplasm
1382379_at	AW529177	ring finger protein 138	RNF138	1,6	Unknown
1387201_at	NM_053588	ring finger protein 138	RNF138	4,3	Unknown
1371597_at	BI281621	ring finger protein 187	RNF187	-2,1	Unknown
1382074_at	AI113237	ring finger protein 19B	RNF19B	4,8	Unknown
1374559_at	AI171211	ring finger protein 26	RNF26	-1,7	Unknown
1378916_at	AI029234	ring finger protein 43	RNF43	-2,3	Unknown
1383496_at	BM387466	RNA binding motif protein 35A	RBM35A	2,5	Unknown
1393832_at	AI136337	RNA binding motif protein 43	RBM43	8,4	Unknown
1375870_a_at	BF420140	RNA binding motif, single stranded interacting protein 1	RBMS1	2,9	Nucleus
1371596_at	AI008971	RNA binding protein S1, serine-rich domain	RNPS1	1,5	Nucleus
1372380_at	AI231308	RNA binding protein with multiple splicing	RBPMS	2,4	Unknown
1380513_at	BE095638	RNA polymerase II associated protein 2	RPAP2	4,3	Unknown
1376065_at	AI058889	RRS1 ribosome biogenesis regulator homolog (S. cerevisiae)	RRS1	2,4	Nucleus
1389480_at	AI598462	RWD domain containing 4A	RWDD4A	-2,5	Unknown
1386890_at	NM_031114	S100 calcium binding protein A10	S100A10	2,0	Cytoplasm
1375170_at	BG378926	S100 calcium binding protein A11	S100A11	9,3	Cytoplasm
1372741_at	AI412013	saccharopine dehydrogenase (putative)	SCCPDH	-2,1	Cytoplasm
1388820_at	BI286365	SAFB-like, transcription modulator	SLTM	1,9	Nucleus
1388815_at	BE329438	SAPS domain family, member 1	SAPS1	2,2	Unknown
1383766_at	BG663338	sarcoglycan, beta (43kDa dystrophin-associated glycoprotein)	SGCB	-4,1	Plasma Membrane
1374796_at	AI413058	sarcoglycan, beta (43kDa dystrophin-associated glycoprotein)	SGCB	-4,0	Plasma Membrane
1368379_at	NM_054001	scavenger receptor class B, member 2	SCARB2	2,1	Plasma Membrane
1368129_at	NM_031647	Scm-like with four mbt domains 1	SFMBT1	7,0	Nucleus
1382921_at	AA997613	SDA1 domain containing 1	SDAD1	3,5	Nucleus
1390755_at	BE105876	secretion regulating guanine nucleotide exchange factor	SERGEF	4,5	Cytoplasm
1367992_at	NM_013175	secretogranin V (7B2 protein)	SCG5	-1,7	Extracellular Space
1376073_at	BI285936	sel-1 suppressor of lin-12-like (C. elegans)	SEL1L	2,5	Cytoplasm
1368806_at	AA799627	selenoprotein P, plasma, 1	SEPP1	-4,5	Extracellular Space
1376319_at	BM390322	sema domain, immunoglobulin domain (Ig), short basic domain, secreted, (semaphorin) 3C	SEMA3C	2,9	Extracellular Space

1388745_at	AI228417	sema domain, immunoglobulin domain (Ig), transmembrane domain (TM) and short cytoplasmic domain, (semaphorin) 4A
1383290_at	BI280343	serine peptidase inhibitor, Kunitz type 1
1373459_at	AII03051	serine/threonine kinase 11 interacting protein
1372077_at	AI009198	serine/threonine kinase receptor associated protein
1372874_at	BI299261	serologically defined colon cancer antigen 8
1373592_at	AI407094	serpin peptidase inhibitor, clade B (ovalbumin), member 9
1373672_at	BM384419	serpin peptidase inhibitor, clade B (ovalbumin), member 9
1372254_at	AW915763	serpin peptidase inhibitor, clade G (C1 inhibitor), member 1
1387131_at	AF193015	serpin peptidase inhibitor, clade I (neuroserpin), member 1
1389153_at	BI296087	SERPINE1 mRNA binding protein 1
1399070_at	AII80081	SET domain containing 5
1382117_at	BF417345	SET domain containing 6
1388775_at	AII76439	SFRS12-interacting protein 1
1373033_at	BI289505	SFT2 domain containing 1
1383085_at	BG672648	SH3 domain binding glutamic acid-rich protein like
1389140_at	AII72437	signal peptidase complex subunit 2 homolog (S. cerevisiae)
1367690_at	NM_017199	signal sequence receptor, delta (translocon-associated protein delta)
1389420_at	BI279446	signal transducing adaptor family member 2
1395064_at	BE118876	similar to 4930429A08Rik protein
1375062_at	BM392237	similar to Adaptor-related protein complex 1, mu 2 subunit (AP1M2)
1397953_at	AII13261	similar to AMSH-family protein
1373469_at	BF408841	similar to Butyrate-induced transcript 1
1388763_at	AI230762	similar to Calponin-2 (Calponin H2, smooth muscle) (Neutral calponin)
1373514_at	AA899109	similar to chromosome 17 open reading frame 27
1377980_at	AI549077	similar to chromosome 20 open reading frame 102
1393951_at	BI302706	similar to coiled-coil domain containing 9
1377523_at	BE113698	similar to dachshund b
1388663_at	AII00783	similar to death effector domain-containing DNA binding protein 2
1377763_at	BF283765	similar to Der1-like domain family, member 2
1373506_at	AA944568	similar to early estrogen-induced gene 1 protein
1391062_at	AA875129	similar to elongation protein 4 homolog
1390163_at	BF282174	similar to expressed sequence AI553587
1376760_at	BF402128	similar to GC-rich sequence DNA-binding factor homolog
1377445_at	BF388223	similar to GTL2, imprinted maternally expressed untranslated
1390226_at	AI408343	similar to hypothetical protein LOC340061
1374670_at	BM384543	similar to hypothetical protein MGC20700
1388447_at	AA800701	similar to limb-bud and heart
1398486_at	BF400868	similar to melanoma inhibitory activity 3
1373333_at	AII02732	similar to Microsomal signal peptidase 23 kDa subunit (SPase 22 kDa subunit) (SPC22/23)
1372472_at	AA859614	similar to Microtubule-associated protein RP/EB family member 2 (APC-binding protein EB2) (End-binding protein 2) (EB2)
1392733_at	BM391545	similar to mirror-image polydactyly 1
1380079_at	AW533923	similar to mKIAA2005 protein
1371866_at	BM389317	similar to myosin XVIIIa
1373330_at	AI406704	similar to Myosin-15 (Myosin XV) (Unconventional myosin-15)
1375523_at	BE108178	similar to Myristoylated alanine-rich C-kinase substrate (MARCKS) (ACAMP-81)
1376240_at	BG378240	similar to MYST histone acetyltransferase monocytic leukemia 4
1373232_at	AI008975	similar to nidogen 2 protein
1381434_s_at	AW253721	similar to nidogen 2 protein
1383728_at	BM387529	similar to NMDA receptor regulated 1-like
1391028_at	AI511126	similar to nuclear receptor interacting protein 2
1385503_at	BM387442	similar to O-acetyltransferase
1389023_at	AI599504	similar to Oligosaccharyl transferase 3 CG7748-PA
1372659_at	BE113269	similar to potassium channel modulatory factor 1
1371956_at	BG372686	similar to praja1, RING-H2 motif containing
1389387_at	BF561377	similar to Proteasome inhibitor PI31 subunit
1373403_at	AI230625	similar to Protein C8orf4 (Thyroid cancer protein 1) (TC-1)
1383081_at	BM388245	similar to Protein phosphatase 2A, 59 kDa regulatory subunit B (PP2A PR59) (PP2A B-PR59)
1376042_at	BF284673	similar to RIKEN cDNA 2310007F12

SEMA4A	2,1	Plasma Membrane
SPINT1	2,6	Extracellular Space
STK11IP	2,0	Unknown
STRAP	1,7	Plasma Membrane
SDCCAG8	-2,4	Cytoplasm
SERPINB9	5,1	Cytoplasm
SERPINB9	6,0	Cytoplasm
SERPING1	19,7	Extracellular Space
SERPINI1	-1,7	Extracellular Space
SERBP1	-1,5	Nucleus
SETD5	2,3	Unknown
SETD6	2,7	Unknown
SFRS12IP1	-1,7	Unknown
SFT2D1	1,9	Unknown
SH3BGRL	-3,7	Unknown
SPCS2	1,9	Cytoplasm
SSR4	-1,7	Cytoplasm
STAP2	8,8	Cytoplasm
RGD1564943	-2,0	Unknown
RGD1561490	-2,1	Unknown
LOC687696	2,5	Unknown
RGD1565496	-1,7	Unknown
LOC690976	4,5	Unknown
LOC688296	53,4	Unknown
RGD1305725	-3,2	Unknown
LOC684934	1,8	Unknown
LOC686314	-3,3	Unknown
LOC687118	7,7	Unknown
LOC687738	-1,8	Unknown
LOC687750	-2,8	Unknown
LOC687694	-5,6	Unknown
RGD1563863	-2,8	Unknown
LOC683880	4,1	Unknown
RGD1566401	-5,4	Unknown
RGD1562552	3,3	Unknown
RGD1307722	2,8	Unknown
LOC683626	-2,7	Unknown
LOC683007	-2,5	Unknown
MGC109340	-2,5	Unknown
LOC679221	-2,3	Unknown
LOC687620	5,6	Unknown
RGD1561472	10,0	Unknown
LOC360570	2,1	Unknown
LOC690323	-5,1	Unknown
LOC294446	-4,6	Unknown
RGD1566399	1,8	Unknown
LOC302022	2,2	Unknown
LOC302022	5,7	Unknown
LOC686240	4,1	Unknown
LOC689619	6,5	Unknown
LOC678772	-3,0	Unknown
RGD1311563	-1,7	Unknown
LOC684322	1,8	Unknown
LOC683077	-2,0	Unknown
RCG 37297	3,7	Unknown
LOC684871	78,4	Unknown
LOC682033	-1,9	Unknown
RGD1562416	-1,9	Unknown

1398886_at	BI285703	similar to Selenoprotein H
1397173_at	BE109095	similar to Serine/threonine-protein kinase WNK3 (Protein kinase, lysine-deficient 3)
1391607_at	BE109653	similar to Sestrin 2 (Hi95)
1371848_at	AA799526	similar to small nuclear ribonucleoprotein D3
1372770_at	BF281357	similar to sorcin
1372322_at	BF398016	similar to Suppressor of <i>S. cerevisiae</i> gcr2
1392658_at	AI230409	similar to transcription elongation factor A 1 isoform 2
1388867_at	AI227852	similar to transcription factor
1392527_at	AI137840	similar to translocase of the inner mitochondrial membrane 14 isoform a
1384116_at	AA924216	similar to vacuolar protein sorting 37D
1373980_at	AW916138	similar to XPA binding protein 1
1376983_at	BF417687	similar to zinc finger protein 455
1382903_at	BF420492	similar to zinc finger, ZZ domain containing 3
1386287_at	AI407974	SLAIN motif family, member 2
1381126_at	BE099652	SLIT-ROBO Rho GTPase activating protein 2
1390350_at	BE097445	small ArfGAP2
1382466_at	BF407231	small nuclear ribonucleoprotein 48kDa (U11/U12)
1393161_at	AW916962	small nuclear RNA activating complex, polypeptide 3, 50kDa
1372734_at	AI408095	small trans-membrane and glycosylated protein
1383998_at	BF545601	SMEK homolog 2, suppressor of mek1 (Dictyostelium)
1392978_at	BE117086	solute carrier family 25, member 28
1372866_at	BM386202	solute carrier family 25, member 38
1386088_at	AW141957	solute carrier family 25, member 46
1382150_at	BG377042	solute carrier family 25, member 46
1389530_at	BI274313	solute carrier family 35, member E1
1399102_at	BG377901	solute carrier family 38, member 10
1376117_at	BI289103	solute carrier family 44, member 4
1372899_at	AI104683	solute carrier family 9 (sodium/hydrogen exchanger), member 8
1384760_at	AI711126	sorting nexin 32
1383942_at	BI275795	sorting nexin 9
1372930_at	AI411381	SP110 nuclear body protein
1394819_at	AI177957	SP110 nuclear body protein
1373636_at	AI406342	sparc/osteonectin, cwcv and kazal-like domains proteoglycan (testican) 1
1383140_at	BG665046	sparc/osteonectin, cwcv and kazal-like domains proteoglycan (testican) 2
1372633_at	AI178531	spastic paraplegia 20 (Troyer syndrome)
1383839_at	AI576427	spastic paraplegia 20 (Troyer syndrome)
1370264_at	BI288556	spectrin repeat containing, nuclear envelope 1
1388520_at	BI278854	sperm associated antigen 9
1391885_at	AA925352	spermatogenesis associated 9
1376195_at	BI288682	spindlin 1
1376160_at	BF408850	splicing factor, arginine/serine-rich 16
1398440_at	BI292166	splicing factor, arginine/serine-rich 18
1374154_at	AI411610	splicing factor, arginine/serine-rich 2, interacting protein
1379010_at	AA956727	splicing factor, arginine/serine-rich 3
1381623_at	BF391476	splicing factor, arginine/serine-rich 4
1374864_at	BM390457	sprouty homolog 2 (Drosophila)
1387012_at	NM_031596	squamous cell carcinoma antigen recognized by T cells
1373003_at	BF414266	squamous cell carcinoma antigen recognized by T cells 3
1381103_a_at	AA996485	SRR1 domain containing
1372602_at	BI295979	starch binding domain 1
1374815_at	AA997695	STARD3 N-terminal like
1368157_at	NM_024346	stathmin-like 3
1370680_at	AF483620	staufer, RNA binding protein, homolog 2 (Drosophila)
1379754_at	AI070598	staufer, RNA binding protein, homolog 2 (Drosophila)
1393932_at	AI060175	sterile alpha motif domain containing 8
1378043_at	AW532890	sterile alpha motif domain containing 9
1376693_at	AA998964	sterile alpha motif domain containing 9
1390312_at	BG670441	sterile alpha motif domain containing 9-like

RGD1563348	2,3	Unknown
RGD1563131	-2,7	Unknown
RGD1566319	1,6	Unknown
LOC687711	1,7	Unknown
LOC683667	3,1	Unknown
RGD1565023	-1,5	Unknown
LOC498453	3,1	Unknown
MGC112830	-2,2	Unknown
LOC683663	-1,8	Unknown
RCG 21373	3,4	Unknown
LOC688393	1,5	Unknown
LOC680200	3,3	Unknown
LOC310958	2,2	Unknown
SLAIN2	6,2	Unknown
SRGAP2	1,5	Unknown
SMAP2	-3,6	Unknown
SNRNP48	1,7	Nucleus
SNAPC3	1,9	Nucleus
LOC57228	4,5	Cytoplasm
SMEK2	1,6	Unknown
SLC25A28	4,4	Unknown
SLC25A38	1,9	Unknown
SLC25A46	-2,2	Unknown
SLC25A46	-2,1	Unknown
SLC35E1	1,6	Unknown
SLC38A10	-2,2	Unknown
SLC44A4	3,2	Unknown
SLC9A8	-1,5	Cytoplasm
SNX32	-1,6	Unknown
SNX9 (includes EG:683687)	1,7	Unknown
SP110	3,1	Nucleus
SP110	6,4	Nucleus
SPOCK1	-3,4	Extracellular Space
SPOCK2	-2,2	Extracellular Space
SPG20	-2,2	Cytoplasm
SPG20	-2,0	Cytoplasm
SYNE1	-2,1	Nucleus
SPAG9	-1,7	Plasma Membrane
SPATA9	-2,8	Unknown
SPIN1	10,6	Nucleus
SFRS16	6,3	Nucleus
SFRS18	-2,1	Nucleus
SFRS2IP	2,5	Nucleus
SFRS3	2,0	Nucleus
SFRS4	1,9	Nucleus
SPRY2	2,7	Plasma Membrane
SART1	1,8	Nucleus
SART3	1,8	Nucleus
SRRD	2,7	Unknown
STBD1	11,3	Cytoplasm
STARD3NL	1,6	Cytoplasm
STMN3	-2,5	Nucleus
STAU2	2,6	Cytoplasm
STAU2	2,8	Cytoplasm
SAMD8	3,5	Unknown
SAMD9	14,2	Unknown
SAMD9	110,1	Unknown
SAMD9L	15,0	Unknown

1371823_at	BM392158	stromal antigen 2
1387778_at	NM_130412	stromal cell derived factor 4
1376024_at	AW914992	stromal interaction molecule 1
1384200_at	BE107328	structural maintenance of chromosomes flexible hinge domain containing 1
1389142_at	AI013361	sulfide quinone reductase-like (yeast)
1398848_at	BG377057	suppression of tumorigenicity 13 (colon carcinoma) (Hsp70 interacting protein)
1390290_at	BF396659	surfeit 6
1367883_at	NM_022509	survival of motor neuron 1, telomeric
1373585_at	BE116774	synaptojanin 2 binding protein
1390489_at	BE108860	synaptotagmin binding, cytoplasmic RNA interacting protein
1382923_at	AI072424	synaptotagmin binding, cytoplasmic RNA interacting protein
1382189_at	AI574779	syndecan 2
1370166_at	AII69682	syndecan 2
1367721_at	NM_012649	syndecan 4
1368070_at	NM_031656	syntaxin 8
1388679_at	AI412244	TBC1 domain family, member 14
1385596_at	BF392191	TBC1 domain family, member 15
1383265_at	BF408403	TBC1 domain family, member 23
1398484_at	AI070306	TBC1 domain family, member 9 (with GRAM domain)
1385407_at	AI511405	TCDD-inducible poly(ADP-ribose) polymerase
1374446_at	AI179464	TCDD-inducible poly(ADP-ribose) polymerase
1372507_at	AA901093	T-cell leukemia translocation altered gene
1381167_at	BF390767	T-cell lymphoma invasion and metastasis 1
1388780_at	BF395792	telomeric repeat binding factor 2, interacting protein
1373708_at	BG378168	terminal uridylyl transferase 1, U6 snRNA-specific
1391440_at	AW521245	testis expressed 10
1376038_at	AI411054	testis expressed 2
1389557_at	BM384037	testis expressed 261
1388463_at	AW252660	testis expressed 264
1388209_at	AF092091	testis specific, 10
1372455_at	AI410264	tetraspanin 12
1377630_at	AI408602	tetraspanin 13
1398325_at	AII72464	tetraspanin 3
1372739_at	AA818865	tetraspanin 31
1380725_at	AW251317	tetraspanin 5
1372286_at	BI295929	tetraspanin 6
1383948_at	AA998083	tetratricopeptide repeat domain 28
1383215_at	BF557467	tetratricopeptide repeat domain 28
1386805_at	BF554446	tetratricopeptide repeat domain 28
1376610_a_at	BE109163	tetratricopeptide repeat domain 28
1386309_at	AI176361	tetratricopeptide repeat domain 28
1377860_at	BM392227	tetratricopeptide repeat domain 39B
1388567_at	BF282947	THUMP domain containing 1
1367655_at	NM_021261	thymosin beta 10
1375865_at	BF408844	tight junction associated protein 1 (peripheral)
1372473_at	AW434048	tight junction protein 1 (zona occludens 1)
1367712_at	NM_053819	TIMP metalloproteinase inhibitor 1
1368323_at	NM_017200	tissue factor pathway inhibitor (lipoprotein-associated coagulation inhibitor)
1391559_at	AW525904	TLC domain containing 1
1398984_at	AA818129	TM2 domain containing 2
1371551_at	BM383323	TNF receptor-associated factor 4
1388492_at	AW919111	TNFAIP3 interacting protein 1
1383655_at	BF545192	TNFAIP3 interacting protein 2
1392531_at	AII78693	tocopherol (alpha) transfer protein-like
1378582_at	BM383666	TraB domain containing
1372252_at	BE112892	trafficking protein particle complex 1
1371466_at	AII77397	trafficking protein particle complex 2
1367523_at	AI409145	trafficking protein particle complex 2-like

STAG2	-1,6	Nucleus
SDF4	-1,6	Cytoplasm
STIM1	-1,7	Plasma Membrane
SMCHD1	2,4	Unknown
SQRDL (includes EG:691966)	-2,3	Unknown
ST13	1,9	Cytoplasm
SURF6	1,6	Nucleus
SMN1	2,0	Nucleus
SYNJ2BP	-1,9	Cytoplasm
SYNCRIP	1,5	Nucleus
SYNCRIP	3,4	Nucleus
SDC2	-2,8	Plasma Membrane
SDC2	-2,1	Plasma Membrane
SDC4	2,5	Plasma Membrane
STX8	1,7	Plasma Membrane
TBC1D14	-2,9	Unknown
TBC1D15	3,0	Cytoplasm
TBC1D23	-2,1	Unknown
TBC1D9	-3,2	Plasma Membrane
TIPARP	2,1	Unknown
TIPARP	3,4	Unknown
TCTA	-2,2	Unknown
TIAM1	2,7	Cytoplasm
TERF2IP	-1,5	Nucleus
TUT1	1,6	Unknown
TEX10	3,2	Nucleus
TEX2	-1,6	Unknown
TEX261	-2,0	Extracellular Space
TEX264	2,4	Extracellular Space
TSGA10	-24,1	Cytoplasm
TSPAN12	-3,0	Unknown
TSPAN13	-1,6	Plasma Membrane
TSPAN3	-1,8	Plasma Membrane
TSPAN31	1,5	Plasma Membrane
TSPAN5	3,8	Plasma Membrane
TSPAN6	-2,0	Plasma Membrane
TTC28	-10,4	Unknown
TTC28	-10,2	Unknown
TTC28	-10,0	Unknown
TTC28	-2,8	Unknown
TTC28	-2,7	Unknown
TTC39B	4,4	Unknown
THUMPD1	-2,0	Unknown
TMSB10	1,8	Cytoplasm
TJAP1	1,8	Plasma Membrane
TJP1	2,2	Plasma Membrane
TIMP1	19,4	Extracellular Space
TFPI	-7,4	Extracellular Space
TLCD1	2,3	Unknown
TM2D2	-1,5	Extracellular Space
TRAF4	1,7	Cytoplasm
TNIP1	6,4	Nucleus
TNIP2	10,6	Cytoplasm
TTPAL	2,1	Unknown
TRABD	-2,4	Unknown
TRAPPC1	-2,0	Cytoplasm
TRAPPC2	-3,1	Cytoplasm
TRAPPC2L	2,0	Unknown

1382311_at	BM384466	TRAF-interacting protein with forkhead-associated domain	TIFA	15,5	Unknown
1373757_at	AW529298	TRAF-type zinc finger domain containing 1	TRAFD1	1,6	Unknown
1375521_at	AI230334	transcription elongation factor A (SII)-like 8	TCEAL8	-1,8	Unknown
1373238_at	AI234844	transcriptional adaptor 1 (HF11 homolog, yeast)-like	TADAIL	2,1	Unknown
1388478_at	BE108225	transducin (beta)-like 1X-linked	TBL1X	1,9	Plasma Membrane
1387169_at	NM_053400	transducin-like enhancer of split 3 (E(sp1) homolog, Drosophila)	TLE3	2,3	Nucleus
1371509_at	BG666773	transforming growth factor beta regulated gene 1	TBRG1 (includes EG:21376)	2,1	Nucleus
1390149_at	BI286164	transforming, acidic coiled-coil containing protein 2	TACC2	2,9	Nucleus
1387529_a_at	NM_031676	transgelin 3	TAGLN3	-5,9	Extracellular Space
1371028_at	AW917192	trans-golgi network protein 2	TGOLN2 (includes EG:10618)	-2,9	Cytoplasm
1389965_at	AA799818	trans-golgi network protein 2	TGOLN2 (includes EG:10618)	-1,7	Cytoplasm
1389471_at	AI412736	translocase of outer mitochondrial membrane 34	TOMM34	-1,5	Cytoplasm
1379186_at	BF414701	translocase of outer mitochondrial membrane 70 homolog A (S. cerevisiae)	TOMM70A	2,1	Cytoplasm
1371688_at	AI178493	translocation associated membrane protein 1	TRAM1	-2,1	Cytoplasm
1368706_at	NM_053785	transmembrane 4 L six family member 4	TM4SF4	-3,7	Plasma Membrane
1390832_at	BI294696	transmembrane and coiled-coil domain family 3	TMCC3	3,8	Unknown
1393822_at	AA925789	transmembrane and coiled-coil domain family 3	TMCC3	4,8	Unknown
1379541_at	BE329099	transmembrane and tetratricopeptide repeat containing 4	TMTC4	-3,7	Unknown
1376102_at	BI292351	transmembrane BAX inhibitor motif containing 1	TMBIM1	5,3	Unknown
1371968_at	AI013781	transmembrane BAX inhibitor motif containing 4	TMBIM4	4,4	Nucleus
1385436_at	AI556940	transmembrane channel-like 4	TMC4	1,5	Unknown
1385714_at	BF545988	transmembrane channel-like 4	TMC4	1,6	Unknown
1375904_at	AI011285	transmembrane emp24 protein transport domain containing 5	TMED5	1,7	Cytoplasm
1378952_at	H31535	transmembrane protein 101	TMEM101	-2,2	Extracellular Space
1374948_at	BI275815	transmembrane protein 106A	TMEM106A	6,5	Unknown
1372657_at	BM391494	transmembrane protein 106C	TMEM106C	-5,1	Unknown
1388930_at	AI171651	transmembrane protein 123	TMEM123	-1,9	Plasma Membrane
1371634_at	BE107851	transmembrane protein 126A	TMEM126A	1,9	Cytoplasm
1377615_at	AI112395	transmembrane protein 130	TMEM130	-2,3	Unknown
1390042_at	AI071166	transmembrane protein 140	TMEM140	13,7	Unknown
1376904_at	AI716115	transmembrane protein 151A	TMEM151A	5,4	Unknown
1374605_at	AA818020	transmembrane protein 161B	TMEM161B	1,5	Unknown
1377964_at	BM390539	transmembrane protein 167B	TMEM167B	2,7	Unknown
1378243_at	AA923937	transmembrane protein 17	TMEM17	2,1	Unknown
1372848_at	BI296915	transmembrane protein 179	TMEM179	-3,6	Unknown
1383307_at	AI717533	transmembrane protein 186	TMEM186	-1,5	Cytoplasm
1386346_at	BI275715	transmembrane protein 19	TMEM19	1,9	Unknown
1394842_at	BF289172	transmembrane protein 19	TMEM19	2,1	Unknown
1371932_at	AI232287	transmembrane protein 192	TMEM192	2,0	Unknown
1393165_at	BG377684	transmembrane protein 206	TMEM206	-2,1	Unknown
1388346_at	BM386531	transmembrane protein 208	TMEM208	-1,8	Unknown
1398219_at	BE109914	transmembrane protein 215	TMEM215 (includes EG:401498)	-6,6	Unknown
1389561_at	BE110624	transmembrane protein 218	TMEM218	-3,8	Extracellular Space
1383674_at	BF419619	transmembrane protein 219	TMEM219	-1,9	Cytoplasm
1392045_at	BE110277	transmembrane protein 22	TMEM22	-2,2	Cytoplasm
1387013_at	NM_020976	transmembrane protein 27	TMEM27	-2,2	Plasma Membrane
1373058_at	AI409051	transmembrane protein 30A	TMEM30A	-1,8	Unknown
1389171_at	AI104326	transmembrane protein 38A	TMEM38A	-8,6	Unknown
1373595_at	BM385463	transmembrane protein 43	TMEM43	2,0	Nucleus
1370807_at	AF411216	transmembrane protein 49	TMEM49	2,6	Plasma Membrane
1372100_at	BI283746	transmembrane protein 50A	TMEM50A	1,7	Plasma Membrane
1371347_at	BI279371	transmembrane protein 50B	TMEM50B	-3,6	Plasma Membrane
1372780_at	BM391310	transmembrane protein 53	TMEM53	-3,1	Unknown
1386632_at	BF547901	transmembrane protein 55A	TMEM55A	1,8	Unknown
1383375_at	BI293584	transmembrane protein 55A	TMEM55A	1,9	Unknown
1399012_at	BI285976	transmembrane protein 59	TMEM59 (includes EG:9528)	-1,6	Plasma Membrane
1377102_at	BI288335	transmembrane protein 63A	TMEM63A	-1,7	Unknown
1389883_at	BF284719	transmembrane protein 65	TMEM65	-1,8	Unknown

1373309_at	BI281129	transmembrane protein 86A	TMEM86A	2,0	Unknown
1373161_at	BM386009	transmembrane protein 98	TMEM98	-3,6	Cytoplasm
1372508_at	BE113266	trinucleotide repeat containing 6A	TNRC6A	-1,5	Nucleus
1378293_at	AI556246	tripartite motif-containing 26	TRIM26	2,6	Cytoplasm
1383369_at	AI028875	tripartite motif-containing 26	TRIM26	8,6	Cytoplasm
1371786_at	BE111791	tripartite motif-containing 35	TRIM35	-2,8	Cytoplasm
1372112_at	AA945761	tripartite motif-containing 5	TRIM5	2,8	Cytoplasm
1378592_at	BF396210	tripartite motif-containing 59	TRIM59	3,8	Unknown
1385252_at	BI280655	tripartite motif-containing 6	TRIM6	7,9	Unknown
1368540_at	NM_031807	trophoblast glycoprotein	TPBG	2,1	Plasma Membrane
1372500_at	BG378269	tropomodulin 3 (ubiquitous)	TMOD3	1,9	Cytoplasm
1383986_at	AI071098	tropomyosin 3	TPM3	2,0	Cytoplasm
1389846_at	BE104273	tropomyosin 3	TPM3	2,1	Cytoplasm
1370339_at	L24775	tropomyosin 3	TPM3	2,4	Cytoplasm
1374602_at	BF407207	TSPY-like 1	TSPYL1	-1,8	Nucleus
1390097_at	BI281738	TSPY-like 4	TSPYL4	-4,3	Nucleus
1371885_at	BI282366	tubulin folding cofactor B	TBCB	2,1	Cytoplasm
1389108_at	AI710235	tubulin folding cofactor D	TBCD	-2,6	Cytoplasm
1388869_at	BF281319	tubulin folding cofactor E	TBCE	1,5	Cytoplasm
1388959_at	BI297049	tubulin tyrosine ligase-like family, member 12	TTL12	1,7	Unknown
1387892_at	BI285440	tubulin, beta	TUBB	1,7	Cytoplasm
1373718_at	BM384071	tubulin, beta 2A	TUBB2A	2,0	Cytoplasm
1371618_s_at	AI229029	tubulin, beta 3	TUBB3	1,6	Cytoplasm
1376100_at	BI274903	tubulin, beta 6	TUBB6	11,7	Cytoplasm
1370351_at	AB030644	tudor domain containing 7	TDRD7	2,6	Cytoplasm
1376335_at	BI282368	tuftelin interacting protein 11	TFIP11	1,6	Extracellular Space
1388773_at	BI278479	tumor necrosis factor, alpha-induced protein 2	TNFAIP2	6,2	Extracellular Space
1372626_at	AI231999	tumor protein D52-like 1	TPD52L1	-1,5	Cytoplasm
1372436_at	BG668434	tumor protein D52-like 2	TPD52L2	2,9	Cytoplasm
1375420_at	AII70535	tumor protein p53 inducible protein 11	TP53I11	1,5	Unknown
1388812_at	AI230362	tumor protein p53 inducible protein 13	TP53I13	-2,1	Unknown
1376575_at	BI302686	twisted gastrulation homolog 1 (Drosophila)	TWSG1	1,5	Extracellular Space
1398800_at	NM_019377	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, beta polypeptide	YWHAB	-1,5	Cytoplasm
1387041_at	NM_053747	ubiquilin 1	UBQLN1	2,4	Cytoplasm
1398767_at	NM_017314	ubiquitin C	UBC	1,6	Cytoplasm
1368762_at	NM_053299	ubiquitin D	UBD	128,6	Nucleus
1384773_at	AI044323	ubiquitin domain containing 2	UBTD2	-2,0	Unknown
1383538_at	BF545850	ubiquitin protein ligase E3 component n-recognin 3 (putative)	UBR3	-2,9	Unknown
1379025_at	BF392966	ubiquitin protein ligase E3 component n-recognin 4	UBR4	-2,2	Nucleus
1375029_at	AI235912	ubiquitin specific peptidase like 1	USPL1	1,8	Unknown
1373299_at	BI295816	UBX domain protein 1	UBXN1	2,1	Cytoplasm
1389260_at	AI008393	UBX domain protein 6	UBXN6	2,2	Cytoplasm
1397349_at	BF394199	UBX domain protein 8	UBXN8	2,1	Unknown
1381982_at	BF403568	UDP-N-acetylglucosamine pyrophosphorylase 1-like 1	UAP1L1	3,8	Unknown
1398865_at	U96638	unc-50 homolog (C. elegans)	UNC50	-1,8	Cytoplasm
1371972_at	BM388888	unc-84 homolog B (C. elegans)	UNC84B	3,0	Nucleus
1388910_at	BI285944	up-regulated gene 4	URG4	1,8	Unknown
1379341_at	BG378132	USP6 N-terminal like	USP6NL	2,3	Plasma Membrane
1382972_at	BE103344	UTP15, U3 small nucleolar ribonucleoprotein, homolog (S. cerevisiae)	UTP15	1,9	Nucleus
1393320_at	BF396985	UTP15, U3 small nucleolar ribonucleoprotein, homolog (S. cerevisiae)	UTP15	2,0	Nucleus
1372787_at	BE106508	UTP3, small subunit (SSU) processome component, homolog (S. cerevisiae)	UTP3	1,9	Nucleus
1371651_at	BI295882	vacuolar protein sorting 25 homolog (S. cerevisiae)	VPS25	-1,9	Nucleus
1374472_at	AI710526	vacuolar protein sorting 37 homolog A (S. cerevisiae)	VPS37A	1,9	Unknown
1376680_at	BG379765	vacuolar protein sorting 37 homolog C (S. cerevisiae)	VPS37C	4,9	Cytoplasm
1394435_at	AI703874	vang-like 1 (van gogh, Drosophila)	VANGL1	10,2	Cytoplasm
1392667_at	AI070793	vang-like 2 (van gogh, Drosophila)	VANGL2	-3,3	Plasma Membrane
1368474_at	NM_012889	vascular cell adhesion molecule 1	VCAM1	28,4	Plasma Membrane
1384169_a_at	AA900477	vav 2 guanine nucleotide exchange factor	VAV2	-2,2	Cytoplasm

1393349_x_at	BI288992	vav 2 guanine nucleotide exchange factor	VAV2	-2,1	Cytoplasm
1384171_x_at	AA900477	vav 2 guanine nucleotide exchange factor	VAV2	-1,5	Cytoplasm
1369974_at	NM_012663	vesicle-associated membrane protein 2 (synaptobrevin 2)	VAMP2	-3,8	Plasma Membrane
1368853_at	NM_012686	visinin-like 1	VSNL1	-16,9	Cytoplasm
1368076_at	NM_052801	von Hippel-Lindau tumor suppressor	VHL	2,4	Nucleus
1374204_at	BM388946	WD repeat and SOCS box-containing 1	WSB1	2,0	Unknown
1374793_at	BE113663	WD repeat domain 3	WDR3	1,6	Cytoplasm
1382104_at	AI113277	WD repeat domain 33	WDR33	1,7	Nucleus
1399138_at	BG672805	WD repeat domain 42A	WDR42A	-3,8	Unknown
1382679_at	BF396190	WD repeat domain 43	WDR43	2,6	Nucleus
1372781_at	BG378912	WD repeat domain 47	WDR47	-1,8	Unknown
1373399_at	BI291997	WD repeat domain 6	WDR6 (includes EG:301007)	-2,9	Unknown
1374715_at	BE097245	WD repeat domain 70	WDR70	2,9	Unknown
1373263_at	AW523737	WD repeat domain 74	WDR74	2,7	Nucleus
1388560_at	AI412580	WD repeat domain 77	WDR77	1,7	Nucleus
1389643_at	H31790	widely interspaced zinc finger motifs	WIZ	1,8	Nucleus
1382175_at	AW534129	Wilms tumor 1 associated protein	WTAP	2,4	Nucleus
1373842_at	BM390718	Wiskott-Aldrich syndrome-like	WASL (includes EG:682507)	-1,6	Unknown
1369203_at	NM_053738	WNT inhibitory factor 1	WIF1	-1,8	Extracellular Space
1374394_at	AI105305	WW domain binding protein 2	WBP2	1,9	Cytoplasm
1389857_at	BG378874	WW domain binding protein 5	WBP5	-1,6	Unknown
1372893_at	BI284198	Yip1 domain family, member 1	YIPF1	-1,8	Unknown
1373149_at	BF285344	yippee-like 3 (Drosophila)	YPEL3	-2,1	Unknown
1373826_at	AI170754	yippee-like 5 (Drosophila)	YPEL5	1,8	Unknown
1383389_at	BM388790	zer-1 homolog (C. elegans)	ZER1	-2,0	Unknown
1375429_at	BI294768	ZH16 protein	ZH16	-1,6	Unknown
1382524_at	AA850361	zinc finger and BTB domain containing 20	ZBTB20	-1,9	Nucleus
1375867_at	AW524493	zinc finger and BTB domain containing 4	ZBTB4	-1,9	Nucleus
1373763_at	AI013512	zinc finger and BTB domain containing 43	ZBTB43	1,6	Nucleus
1387921_at	AB032932	zinc finger CCCH-type containing 14	ZC3H14	2,7	Nucleus
1374208_at	BE116569	zinc finger CCCH-type containing 7A	ZC3H7A	2,0	Unknown
1387105_at	NM_133579	zinc finger protein 22 (KOX 15)	ZNF22	-1,5	Nucleus
1395007_at	BE120572	zinc finger protein 23 (KOX 16)	ZNF23	-2,5	Nucleus
1393613_at	BE117871	zinc finger protein 462	ZNF462	-2,0	Nucleus
1372480_at	BE117893	zinc finger protein 462	ZNF462	-1,7	Nucleus
1393292_at	BE114251	zinc finger protein 592	ZNF592	3,4	Nucleus
1389523_at	BM386127	zinc finger protein 598	ZNF598	1,8	Unknown
1384795_at	BE116205	zinc finger protein 638	ZNF638	-1,6	Nucleus
1392676_at	AI548984	zinc finger protein 667	ZNF667	-2,5	Nucleus
1385153_at	AI555743	zinc finger protein 68	ZFP68	1,9	Nucleus
1379342_at	BI297113	zinc finger protein 692	ZNF692	-1,6	Unknown
1373819_at	AI232337	zinc finger protein 706	ZNF706	-1,5	Unknown
1389627_at	BF550270	zinc finger protein 746	ZNF746	-1,6	Unknown
1372699_at	AI112403	zinc finger protein 775	ZNF775	2,7	Unknown
1368726_a_at	AB047638	zinc finger protein 808	ZNF808	1,7	Unknown
1393543_at	BF399884	zinc finger protein 846	ZNF846	-1,7	Unknown
1392551_at	AI104921	zinc finger protein ZFP	LOC503192	-1,7	Unknown
1393080_at	BF389264	zinc finger RNA binding protein	ZFR	2,7	Nucleus
1373136_at	AI013609	zinc finger with UFM1-specific peptidase domain	ZUFSP	1,8	Unknown
1373767_at	AI406908	zinc finger, AN1-type domain 2A	ZFAND2A	4,9	Unknown
1398918_at	BG380742	zinc finger, AN1-type domain 3	ZFAND3	1,9	Unknown
1376432_at	BM383785	zinc finger, AN1-type domain 3	ZFAND3	3,8	Unknown
1373891_at	AI101009	zinc finger, CCHC domain containing 12	ZCCHC12	-2,2	Unknown
1383239_at	BF406915	zinc finger, CCHC domain containing 7	ZCCHC7	1,7	Unknown
1384452_at	AA924571	zinc finger, CCHC domain containing 7	ZCCHC7	1,7	Unknown
1372989_at	BI296586	zinc finger, DHHC-type containing 14	ZDHHC14	2,1	Unknown
1373335_at	BE349808	zinc finger, DHHC-type containing 9	ZDHHC9	-2,2	Cytoplasm
1367540_at	AI044872	zinc finger, FYVE domain containing 26	ZFYVE26	2,6	Unknown

1389152_at	AI412984	zinc finger, FYVE domain containing 27
1392454_at	BI296999	zinc finger, HIT type 6
1391255_at	BE110035	zinc finger, MYND-type containing 15
1391972_a_at	BE108410	zinc finger, SWIM-type containing 4
1394599_at	AA998165	ZXD family zinc finger C
Not classified by IPA		
1376047_at	BI285321	3'-phosphoadenosine 5'-phosphosulfate synthase 2 (predicted)
1382712_at	AI044245	6-phosphofructo-2-kinase/fructose-2,6-biphosphatase 2
1395278_at	BI299865	A kinase (PRKA) anchor protein 10 (predicted)
1386521_at	AI511291	A kinase (PRKA) anchor protein 2
1378880_at	AW532591	A kinase (PRKA) anchor protein 5
1371793_at	AI008697	acetylcholinesterase
1374432_at	BE118251	activated leukocyte cell adhesion molecule
1381994_at	BM385862	AE binding protein 2 (predicted)
1377963_at	AW526938	arginine-tRNA-protein transferase 1 (predicted)
1393345_at	BF561145	aspartate-beta-hydroxylase (predicted)
1380858_at	BE120316	AT hook, DNA binding motif, containing 1 (predicted)
1371438_at	BE113144	AT-hook transcription factor (predicted)
1370583_s_at	AY082609	ATP-binding cassette, sub-family B (MDR/TAP), member 1
1376225_at	BF411924	calsenilin, presenilin binding protein, EF hand transcription factor
1397700_x_at	BG670822	carnitine palmitoyltransferase 1a, liver
1382882_x_at	AA963228	carnitine palmitoyltransferase 1a, liver
1392166_at	BE099838	carnitine palmitoyltransferase 1a, liver
1376616_at	BF551036	casein kinase II, alpha 1 polypeptide
1382160_at	AI236331	casein kinase II, alpha 2, polypeptide (predicted)
1381173_at	BG375010	caspase 4, apoptosis-related cysteine peptidase
1382602_at	BE120211	catenin (cadherin associated protein), beta 1
1373246_at	BF397920	CDC23 (cell division cycle 23, yeast, homolog)
1375027_at	AI407365	cell cycle progression 1 (predicted)
1397288_at	BM390376	cleavage and polyadenylation specific factor 5
1376302_at	AA955175	coilin
1393623_at	AI502247	coilin
1374273_at	BG665433	coxsackie virus and adenovirus receptor
1376825_at	BF557258	DEAH (Asp-Glu-Ala-His) box polypeptide 30
1392216_at	BF403731	death-associated protein kinase 3
1391259_at	BE104618	dehydrogenase/reductase (SDR family) member 1
1373291_at	AI176713	deleted in liver cancer 1
1394793_at	AI715674	disabled homolog 1 (Drosophila)
1376178_at	BF403703	DNA-damage inducible transcript 3
1396528_at	BF404786	Down syndrome critical region gene 1-like 1
1375866_at	BF396191	dynein-like protein 2
1384449_at	AA964588	E1A binding protein p300
1394546_at	AI556229	ELAV (embryonic lethal, abnormal vision, Drosophila)-like 4 (Hu antigen D)
1381525_at	BF419130	enabled homolog (Drosophila)
1397698_at	AW917627	F-box and leucine-rich repeat protein 17 (predicted)
1391085_at	BE118077	fibronigen-like protein 1
1375720_at	AI171785	gamma-aminobutyric acid (GABA) B receptor 1
1394578_at	BI299761	glutamate receptor, ionotropic, AMPA2
1393995_at	AW534561	glutamate receptor, ionotropic, AMPA2
1382232_at	AI454322	glutamic pyruvate transaminase (alanine aminotransferase) 2 (predicted)
1384638_at	AI030545	glutaryl-Coenzyme A dehydrogenase (predicted)
1381703_at	AW525915	glutathione reductase
1389714_at	AI103146	glycogen synthase kinase 3 alpha
1376079_at	BI295806	GTPase, IMAP family member 7
1381988_at	AI029833	guanine nucleotide binding protein, alpha q polypeptide
1375745_at	BE117491	guanine nucleotide binding protein, alpha q polypeptide
1375705_at	AI103622	guanine nucleotide binding protein, beta 1
1386660_at	BF565021	guanine nucleotide binding protein, gamma 2

ZFYVE27	-2,9	Unknown
ZNHIT6	2,5	Unknown
ZMYND15	11,6	Unknown
ZSWIM4	5,3	Unknown
ZXDC	2,5	Unknown
Papss2_predicted	-2,2	
Pfkfb2	-3,5	
Akap10_predicted	1,5	
Akap2	10,2	
Akap5	1,6	
Ache	-1,8	
Alcam	-1,8	
Aebp2_predicted	-3,2	
Ate1_predicted	-2,7	
Asph_predicted	-1,9	
Ahdcl1_predicted	-4,1	
Akna_predicted	-1,6	
Abcb1	23,2	
Csen	-3,0	
Cpt1a	-2,5	
Cpt1a	-2,2	
Cpt1a	-2,1	
Csnk2a1	-1,7	
Csnk2a2_predicted	2,5	
Casp4	17,3	
Ctnnb1	-2,6	
Cdc23	-1,6	
Ccpg1_predicted	-1,5	
Cpsf5	-3,0	
Coil	-3,1	
Coil	-2,3	
Cxadr	-2,2	
Dhx30	-2,6	
Dapk3	3,2	
Dhrs1	-3,1	
Dlc1	-2,6	
Dab1	-3,1	
Ddit3	1,7	
Dscr111	-4,1	
DLP2	1,9	
Ep300	1,8	
Elavl4	-4,9	
Enah	1,7	
Fbxl17_predicted	-1,6	
Fgl1	-2,0	
Gabbr1	-1,5	
Gria2	-2,3	
Gria2	-1,9	
Gpt2_predicted	-1,8	
Gcdh_predicted	-3,3	
Gsr	3,1	
Gsk3a	2,4	
Gimap7	-1,7	
Gnaq	-2,8	
Gnaq	-2,0	
Gnb1	-2,1	
Gng2	-3,7	

1371333_at	AI180251	heterogeneous nuclear ribonucleoprotein D-like	Hnrpd1	-2,0
1376935_at	BE113667	high mobility group nucleosomal binding domain 2	Hmgn2	3,3
1381905_at	AI230826	homocysteine-inducible, endoplasmic reticulum stress-inducible, ubiquitin-like domain member 1	Herpud1	-4,6
1388895_at	AI175791	hypothetical LOC290577	LOC290577	2,6
1385634_at	AA817959	hypothetical protein LOC307347	LOC307347	2,0
1375927_at	BE100774	hypothetical protein LOC499120	LOC499120	-1,7
1376618_at	AI236218	hypothetical protein LOC691931	LOC691931	1,9
1383476_at	AW528065	inter-alpha trypsin inhibitor, heavy chain 3	Itih3	3,3
1371926_at	AI171807	interleukin 6 signal transducer	Il6st	4,7
1372550_at	AI169278	karyopherin (importin) beta 1	Kpnb1	1,7
1394097_at	AA849706	Kv channel-interacting protein 1	Kcnipl	-1,5
1389922_at	AA891362	L-3-hydroxyacyl-Coenzyme A dehydrogenase, short chain	Hadhsc	-9,6
1374296_at	BM387574	leucine-rich repeat-containing 8	Lrrc8	-2,0
1391155_at	AW528765	ligand of numb-protein X 1 (predicted)	Lnx1_predicted	-5,0
1396470_at	BF561077	LIM domain only 4	Lmo4	2,0
1381363_at	BF388580	low density lipoprotein receptor-related protein 6 (predicted)	Lrp6_predicted	-1,9
1394283_at	AW144132	LUC7-like 2 (S. cerevisiae) (predicted)	Luc7l2_predicted	1,6
1384936_at	AI136316	MAWD binding protein	Mawbp	-3,6
1376076_at	BI282296	membrane protein, palmitoylated 5 (MAGUK p55 subfamily member 5) (predicted)	Mpp5_predicted	6,8
1383621_at	AW526365	membrane-bound transcription factor peptidase, site 2	Mbtps2	1,8
1390372_at	BF521975	mitogen activated protein kinase kinase kinase 12	Map3k12	-1,9
1392484_at	AA892339	modulator of apoptosis 1	Moap1	2,0
1383135_at	BG669126	neurotrophic tyrosine kinase, receptor, type 2	Ntrk2	-3,8
1381035_at	AI235476	peptidase (prosome, macropain) 26S subunit, ATPase 1	Psmc1	1,6
1376121_at	BE107051	PHD finger protein 10	Phf10	-1,9
1378172_at	AI008119	phosphatase and actin regulator 2	Phactr2	3,6
1384062_at	AI072443	phosphatidylinositol 4-kinase, catalytic, beta polypeptide	Pik4cb	-1,6
1374077_at	AI172029	phosphatidylserine synthase 1	Ptdss1	-2,6
1371933_at	AI228039	phosphodiesterase 4D interacting protein (myomegalin)	Pde4dip	-2,7
1380570_at	AI145593	piccolo (presynaptic cytomatrix protein)	Pclo	-2,8
1373818_at	AI408351	potassium channel tetramerisation domain containing 12 (predicted)	Kctd12_predicted	-2,2
1397599_at	BF394205	potassium voltage-gated channel, subfamily Q, member 3	Kcnq3	2,8
1382255_at	BE110785	pre-B-cell colony enhancing factor 1	Pbef1	2,2
1382971_at	BF389407	programmed cell death 6 interacting protein	Pdcd6ip	-1,6
1375815_at	BF391129	progressive ankylosis homolog (mouse)	Ank	-3,1
1376944_at	AI407163	prolactin receptor	Prlr	-2,9
1371593_at	BI296121	proliferating cell nuclear antigen	Pcna	-1,8
1383421_at	BM386110	proliferating cell nuclear antigen	Pcna	4,7
1383931_at	AA901043	protein tyrosine phosphatase, receptor type, K, extracellular region	Ptprk	-5,7
1378665_at	BF415436	protocadherin 9 (predicted)	Pcdh9_predicted	-2,2
1389022_at	AI102760	putative aminopeptidase Fxna	Fxna	2,8
1374609_at	AI011183	RAB3 GTPase activating protein subunit 2	Rab3gap2	-1,6
1399140_at	AA965202	Rap guanine nucleotide exchange factor (GEF) 1	Rapgef1	3,0
1383894_at	BI289486	Rap guanine nucleotide exchange factor (GEF) 6 (predicted)	Rapgef6_predicted	3,8
1377791_at	BI299500	Ras-related GTP binding B	RragB	-4,9
1389972_at	AA943681	response gene to complement 32	Rgc32	9,9
1378800_at	BI291526	Rho GTPase activating protein 8	Arhgap8	5,2
1382389_at	AI179755	Rho guanine nucleotide exchange factor (GEF) 5	Arhgef5	3,2
1380174_at	BE116115	ribosomal protein L35	Rpl35	-1,7
1382998_at	AI044778	RNA (guanine-7-) methyltransferase	Rnmt	2,0
1377036_at	BE102350	RT1 class Ib, locus Aw2	RT1-Aw2	2,6
1382437_at	BM383464	RT1 class Ib, locus Aw2	RT1-Aw2	3,7
1396304_at	BI292055	RT1 class Ib, locus Aw2	RT1-Aw2	3,8
1380415_at	AI233027	RT1 class Ib, locus Aw2	RT1-Aw2	6,5
1393108_at	BM387813	RT1 class Ib, locus Aw2	RT1-Aw2	6,7
1390562_s_at	BE102350	RT1 class Ib, locus Aw2	RT1-Aw2	7,1
1379357_at	AI408767	RT1 class Ib, locus Aw2	RT1-Aw2	8,0
1379496_at	AI029460	RT1 class Ib, locus Aw2	RT1-Aw2	10,0

1380129_at	AA818937	RT1 class Ib, locus Aw2
1392954_at	AI029637	RT1 class Ib, locus Aw2
1379818_at	BF288109	RT1 class Ib, locus Aw2
1398906_at	BM391354	sedlin-like
1375374_at	BF400606	sequestosome 1
1392262_at	BF402235	seryl-aminoacyl-tRNA synthetase 1
1374789_at	BF550398	SH3-domain GRB2-like 2
1381987_at	AII175803	signal sequence receptor, alpha
1374822_at	BE118465	similar to 106 kDa O-GlcNAc transferase-interacting protein (predicted)
1388754_at	AII176839	similar to Ab1-133
1374558_at	AI010316	similar to B7-like protein GL50-B (predicted)
1377733_at	AA944531	similar to beta-catenin-interacting protein ICAT
1377067_at	AII137309	similar to chromosome 10 open reading frame 6 (predicted)
1374202_at	BM389779	similar to chromosome 9 open reading frame 7 (predicted)
1378033_at	AI029178	similar to cyclin B2
1372103_at	BM386931	similar to DnaJ (Hsp40) homolog, subfamily A, member 4
1398991_at	BM389704	similar to expressed sequence AA408877
1382942_at	BF397627	similar to Ext1
1374766_at	BE103616	similar to F33H2.2
1376237_at	AII45040	similar to Fgfr1 oncogene partner
1373252_at	AI411930	similar to formin-like 3 protein
1385926_at	BF550565	similar to GLI pathogenesis-related 2
1376990_at	BE118704	similar to HCDI protein (predicted)
1382823_at	AI070008	similar to HR21spA
1396489_at	BF404442	similar to hypothetical protein FLJ10154
1398020_at	BF393027	similar to hypothetical protein FLJ14675
1392680_at	AA900508	similar to hypothetical protein FLJ20037 (predicted)
1383529_at	BF549256	similar to hypothetical protein MGC17943 (predicted)
1392637_at	AA923988	similar to interferon-inducible GTPase
1381975_at	BG371767	similar to KIAA0367
1373543_at	BI296461	similar to KIAA0368 (predicted)
1374030_at	BE100868	similar to KIAA0999 protein
1376488_at	AII01689	similar to KIAA1582 protein (predicted)
1379153_at	BF387484	similar to microfilament and actin filament cross-linker protein isoform b
1383173_at	BI281630	similar to Microtubule-associated protein RP/EB family member 2 (APC-binding protein EB2) (End-binding protein 2) (EB2)
1398393_at	BF414412	similar to mitogen-activated protein kinase 11
1383216_at	BM390667	similar to mKIAA0431 protein
1378806_at	BF392451	similar to nemo like kinase (predicted)
1397676_at	BF290784	similar to osteoclast inhibitory lectin (predicted)
1389446_at	AI576586	similar to p150 target of rapamycin (TOR)-scaffold protein containing WD-repeats (predicted)
1378094_at	BM389654	similar to pleckstrin homology-like domain, family B, member 2
1398669_at	AA893160	similar to Protein C12orf11 (Sarcoma antigen NY-SAR-95)
1396817_at	AI599545	similar to RAD54B homolog isoform 1; RAD54, S. cerevisiae, homolog of, B (predicted)
1389500_at	BM383122	similar to ras homolog gene family, member U
1389593_at	BM392287	similar to RIKEN cDNA 1500031M22 (predicted)
1380750_at	BF398240	similar to RIKEN cDNA 2900010J23
1381844_at	BM389974	similar to RIKEN cDNA 4121402D02 (predicted)
1397410_at	BI301687	similar to RIKEN cDNA 4631427C17 (predicted)
1399069_at	AI234008	similar to RIKEN cDNA 4732418C07 (predicted)
1384431_at	AI070150	similar to RIKEN cDNA 4930431B11 gene
1377149_at	BM386122	similar to RIKEN cDNA 4933411K20
1383295_at	AA901194	similar to RIKEN cDNA 5430432M24
1392541_at	AW919608	similar to RIKEN cDNA A030007L17; EST AA673177 (predicted)
1383204_at	BE099804	similar to RIKEN cDNA A530089I17 (predicted)
1371755_at	AA799607	similar to RIKEN cDNA B230219D22 (predicted)
1375678_at	AI412430	similar to RIKEN cDNA D030012E24 gene (predicted)
1393261_at	AI058850	similar to Serine/threonine-protein phosphatase 2A 56 kDa regulatory subunit gamma isoform (PP2A, B subunit, B gamma isoform) (PP2A, B s
1389222_at	BI282847	similar to Serum amyloid A-3 protein precursor

RT1-Aw2	11,4
RT1-Aw2	13,5
RT1-Aw2	17,9
LOC287274	-1,8
Sqstm1	2,5
Sars1	2,8
Sh3gl2	-2,2
Ssr1	-1,8
RGD1307844_predicted	1,9
RGD1306344	3,8
RGD1562791_predicted	-2,4
LOC503000	-1,6
RGD1564591_predicted	-1,7
RGD1311501_predicted	2,0
LOC498601	-1,8
LOC498996	-3,4
RGD1308513	-3,4
LOC299907	1,6
LOC689997	-2,3
LOC683722	1,7
LOC300225	4,6
LOC679819	6,9
RGD1309307_predicted	2,0
MGC116373	12,9
RGD1310061	-6,5
RGD1309592	-10,6
RGD1311381_predicted	-3,3
RGD1563325_predicted	-2,0
MGC108823	38,1
RGD1311350	-2,2
RGD1306148_predicted	-2,0
LOC684112	-2,5
RGD1310027_predicted	-1,5
LOC362587	-1,5
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LOC689314	3,6
RGD1305781	2,0
RGD1561602_predicted	-2,2
RGD1563148_predicted	2,9
RGD1311784_predicted	2,5
LOC685611	-3,3
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RGD1306507_predicted	-2,9
LOC678766	3,6
RGD1311752_predicted	-5,1
LOC499779	-1,5
RGD1564778_predicted	-2,1
RGD1564895_predicted	-2,1
RGD1310351_predicted	-2,6
RGD1308555	5,5
RGD1307325	-1,8
RGD1308904	2,3
RGD1304876_predicted	2,2
RGD1311375_predicted	2,7
RGD1566359_predicted	-1,7
RGD1311298_predicted	1,8
LOC691318	-3,3
LOC691143	1,5

1392647_at	BF282318	similar to Serum amyloid A-3 protein precursor
1375171_at	BF396622	similar to SET binding factor 2
1394275_at	BF559096	similar to StAR-related protein 1-4E (predicted)
1381461_at	AI058509	similar to StAR-related protein 1-4E (predicted)
1384087_at	AA925049	similar to sterile alpha motif domain containing 12 (predicted)
1376920_at	BF408536	similar to sterile alpha motif domain containing 9-like
1383805_at	BG666454	similar to Traf2 and NCK interacting kinase, splice variant 4 (predicted)
1377141_at	AI103397	similar to UPF0308 protein C9orf21
1374729_at	BM385616	similar to UV radiation resistance associated
1377273_at	BF389637	similar to Wolf-Hirschhorn syndrome candidate 1 protein isoform 1
1375182_at	BE109671	solute carrier family 3, member 1
1392145_at	BI281801	solute carrier family 45, member 3 (predicted)
1375266_at	BG380633	solute carrier family 6 (neurotransmitter transporter, glycine), member 9
1378910_at	BG378480	solute carrier family 6 (neurotransmitter transporter, taurine), member 6
1383585_s_at	AI043753	sorting nexin 10
1383859_at	AA963376	splicing factor proline/glutamine rich (polypyrimidine tract binding protein associated)
1389008_at	AI409218	sprouty-related, EVH1 domain containing 2
1389833_at	BF285924	sulfatase modifying factor 1 (predicted)
1388811_at	BF401593	synapsin II
1388571_at	BF285314	synaptogyrin 2
1390109_at	BI303073	synaptotagmin binding, cytoplasmic RNA interacting protein
1383871_at	BE120348	syntaxin binding protein 2
1390599_at	BE101766	thioredoxin domain containing 1
1374529_at	AI406660	thrombospondin 1
1374798_at	AA924151	torsin A interacting protein 2
1376673_at	BM391853	transcription factor 8
1372104_at	BF289002	transmembrane BAX inhibitor motif containing 1
1374194_at	AI170007	transmembrane protein 16C (predicted)
1392697_at	AI230361	transmembrane protein 55A
1375644_at	AI170561	transthyretin
1379913_at	BE100916	ubiquitin specific protease 13 (isopeptidase T-3) (predicted)
1391302_at	BE098463	ubiquitin specific protease 43 (predicted)
1374890_at	AW533905	ubiquitin-conjugating enzyme E2D 2
1377377_at	BF415808	utrophin
1392710_at	AI101727	WD repeat and FYVE domain containing 1
1376448_at	AI575081	WD repeat and FYVE domain containing 1
1397061_at	BF394045	WD repeat domain 22
1392806_at	AI234807	Wolf-Hirschhorn syndrome candidate 1-like 1 (predicted)
1377183_at	BE098555	WW domain-containing oxidoreductase (predicted)
1374751_at	BM383668	Yamaguchi sarcoma viral (v-yes) oncogene homolog 1
1385217_at	BM385870	zinc finger and BTB domain containing 10
1383905_at	BF401729	zinc finger protein 216 (predicted)
1374780_at	AI232806	zinc finger protein 422 (predicted)
1378302_at	BF403965	zinc finger, CSL-type containing 3 (predicted)

Not Classified

1372318_at	AI235528	
1376463_at	AA955579	
1385881_at	BE100612	
1380712_at	AI406475	
1382651_at	AA998677	
1394475_at	BE096857	
1393482_at	AI045330	
1384422_at	AI045140	
1375667_at	AW434286	
1373740_at	AA851385	
1391672_at	BF399539	
1385098_at	AW526343	
1376764_at	AI406412	

LOC691143	2,8
LOC691036	1,7
RGD1561783_predicted	-2,5
RGD1561783_predicted	-1,9
RGD1561402_predicted	3,6
LOC500013	51,4
RGD1561817_predicted	-3,5
LOC498685	-4,5
LOC308846	2,6
LOC680537	-2,8
Slc3a1	-4,2
Slc45a3_predicted	2,2
Slc6a9	-2,8
Slc6a6	14,0
Snx10	7,0
Sfpq	-2,1
Spred2	-2,4
Sumf1_predicted	-4,7
Syn2	-3,7
Syngn2	1,9
Syncrip	3,4
Stxbp2	-2,1
Txndc1	-2,4
Thbs1	-6,5
Tor1aip2	-1,6
Tcf8	2,3
Tmbim1	-2,4
Tmem16c_predicted	-1,7
Tmem55a	2,8
Trt	1,6
Usp13_predicted	-2,5
Usp43_predicted	-6,9
Ube2d2	-1,5
Utrn	-1,9
Wdfy1	1,9
Wdfy1	3,0
Wdr22	-1,8
Whsc111_predicted	1,7
Wwox_predicted	-5,5
Yes1	1,6
Zbtb10	3,3
Zfp216_predicted	-1,9
Zfp422_predicted	-1,6
Zcs13_predicted	3,3

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-8,4

1376820_at	AI045220	-8,2
1397189_at	BE108217	-7,8
1393003_at	AA899900	-7,8
1393109_at	BI274436	-7,7
1389706_at	AI007639	-7,7
1380741_at	BF412788	-7,0
1382098_at	AI228756	-6,6
1390263_at	AI179936	-6,5
1378861_at	BE105498	-6,5
1391256_at	AA900781	-6,4
1376395_at	AI145359	-6,3
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1383348_at	BF545309	2,8
1374494_at	AI137375	2,9
1384184_at	BE117485	3,0
1373223_at	AI101361	3,0
1389001_at	AW433944	3,0
1384163_at	BE103875	3,1
1397178_at	AA899041	3,1
1396363_at	BF399356	3,1
1388509_at	BI274303	3,2
1395557_at	BF565718	3,2
1390493_at	AI556256	3,2
1376006_at	BG373799	3,2
1388759_at	BM389875	3,2
1384546_at	AA924204	3,3
1388146_at	AW523578	3,3
1379336_at	BF289150	3,3
1383044_at	BM385117	3,3
1373678_at	BE098848	3,6
1391958_at	BE119699	3,6
1373072_at	AI170552	3,6
1379379_at	BF392753	3,7

1374429_at	AI598401	3,7
1393743_at	AI453930	3,8
1373730_at	BI282077	3,8
1396755_at	BF399394	3,9
1377052_at	AW533469	4,1
1378261_at	BE102806	4,1
1390024_at	AI237685	4,1
1380119_at	AA996432	4,6
1374433_at	BI301532	4,6
1374610_at	AI599365	4,8
1379371_at	BF284791	5,1
1377826_at	AI176721	5,2
1377151_at	AI102833	5,4
1395147_at	BE116565	5,6
1381228_at	AI073001	5,6
1390136_at	BE109274	5,6
1392655_at	AA997266	5,6
1372606_at	BM390528	5,8
1382087_at	BE109382	5,9
1392876_at	BG375098	5,9
1381534_at	BI278449	6,3
1392777_at	BF287676	6,7
1393119_at	BM388725	6,8
1380552_at	AI555855	6,9
1385925_at	AA963975	7,4
1385569_at	BF559640	7,8
1374627_at	BF283727	8,2
1383189_at	AA818143	8,6
1382278_at	BI278180	8,7
1383939_at	BG378849	9,8
1390659_at	BI302830	9,9
1390391_at	BF283381	10,1
1373679_at	AA946467	10,3
1380917_at	BE109049	10,4
1373843_at	BE107419	15,5
1385641_at	AI070558	15,9
1393018_at	AI071984	19,2
1398408_at	AI948410	19,4
1393728_at	AA964541	24,4
1393957_at	AI548358	26,8
1395183_at	BM391096	30,4
1397611_at	AW525619	32,5
1383757_at	AI044802	37,8
1385380_at	AI044983	41,2
1374337_at	AI408954	49,2
1382950_at	AA901350	74,1
1391106_at	BM385061	86,2

Primary rat β -cells were left untreated or exposed to TNF- α +IFN- γ (TNF+IFN) for 24h. Data are mean of three independent experiments and are expressed as fold change versus control cells, studied at the same time point

Gene expression was considered modified by treatment when $P \leq 0.02$ (paired *t-test*) and expression ≥ 1.5 fold higher or lower as compared to control conditions.

Pval = p value of Student t-test against control condition at the same time point. Some genes are represented by more than one probe. Classification was done using the IPA software