

Suppl. Table VI: Up and down regulated genes after exposure to TNF- α + IFN- γ for 6h 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	987,11	Extracellular Space
1369814_at	AF053312	chemokine (C-C motif) ligand 20	CCL20	62,21	Extracellular Space
1369983_at	NM_031116	chemokine (C-C motif) ligand 5	CCL5	77,43	Extracellular Space
1379935_at	BF419899	chemokine (C-C motif) ligand 7	CCL7	128,02	Extracellular Space
1368200_at	NM_134455	chemokine (C-X3-C motif) ligand 1	CX3CL1	13,33	Extracellular Space
1387969_at	U22520	chemokine (C-X-C motif) ligand 10	CXCL10	332,41	Extracellular Space
1379365_at	BF281987	chemokine (C-X-C motif) ligand 11	CXCL11	93,69	Extracellular Space
1372064_at	BI296385	chemokine (C-X-C motif) ligand 16	CXCL16	19,87	Extracellular Space
1373544_at	AI170387	chemokine (C-X-C motif) ligand 9	CXCL9	587,95	Extracellular Space
1382454_at	AI044222	chemokine (C-X-C motif) ligand 9	CXCL9	913,84	Extracellular Space
1372056_at	AI406687	CKLF-like MARVEL transmembrane domain containing 6	CMTM6	4,08	Extracellular Space
1368375_a_at	AF015718	interleukin 15	IL15	32,08	Extracellular Space
1369665_a_at	AJ222813	interleukin 18 (interferon-gamma-inducing factor)	IL18	1,83	Extracellular Space
1379499_at	BF282228	lymphotoxin beta (TNF superfamily, member 3)	LTB	36,25	Extracellular Space
1396262_at	BM384211	nicotinamide phosphoribosyltransferase	NAMPT	2,93	Extracellular Space
1389014_at	BI297612	nicotinamide phosphoribosyltransferase	NAMPT	3,49	Extracellular Space
1391384_at	AA819227	tumor necrosis factor (TNF superfamily, member 2)	TNF	33,13	Extracellular Space
		Enzyme			
1372919_at	AA851904	1-acylglycerol-3-phosphate O-acyltransferase 6 (lysophosphatidic acid acyltransferase, zeta)	AGPAT6	1,80	Cytoplasm
1387897_at	L16532	2',3'-cyclic nucleotide 3' phosphodiesterase	CNP	3,60	Cytoplasm
1371152_a_at	Z18877	2',5'-oligoadenylate synthetase 1, 40/46kDa	OAS1	41,43	Cytoplasm
1388056_at	AF068268	2'-5' oligoadenylate synthetase 1B	OAS1B	23,47	Unknown
1377497_at	BF419319	2'-5'-oligoadenylate synthetase-like	OASL	41,18	Unknown
1371421_at	BM391873	3-oxoacid CoA transferase 1	OXCT1	-3,99	Cytoplasm
1369962_at	NM_031014	5-aminoimidazole-4-carboxamide ribonucleotide formyltransferase/IMP cyclohydrolase	ATIC	-1,95	Unknown
1367763_at	D13921	acetyl-Coenzyme A acetyltransferase 1	ACAT1	-1,70	Cytoplasm
1389363_at	AA997430	acireductone dioxygenase 1	ADII	-1,63	Nucleus
1386916_at	NM_017321	aconitase 1, soluble	ACO1	-2,65	Cytoplasm
1367589_at	NM_024398	aconitase 2, mitochondrial	ACO2	-1,88	Cytoplasm
1391433_at	AA899721	acyl-CoA thioesterase 2	ACOT2	-1,55	Cytoplasm
1368206_at	NM_130756	acyl-CoA thioesterase 8	ACOT8	-1,98	Cytoplasm
1390789_at	BI296347	acyl-Coenzyme A dehydrogenase family, member 11	ACAD11	-2,67	Cytoplasm
1367680_at	NM_017340	acyl-Coenzyme A oxidase 1, palmitoyl	ACOX1	-1,59	Cytoplasm
1367933_at	NM_031011	adenosylmethionine decarboxylase 1	AMD1	-1,99	Unknown
1367960_at	NM_019186	ADP-ribosylation factor-like 4A	ARL4A	2,04	Nucleus
1383395_at	AI028979	agmatine ureohydrolase (agmatinase)	AGMAT	2,43	Cytoplasm
1368365_at	NM_031731	aldehyde dehydrogenase 3 family, member A2	ALDH3A2	-6,60	Cytoplasm
1371567_at	AI411279	aldehyde dehydrogenase 7 family, member A1	ALDH7A1	-2,12	Cytoplasm
1387867_at	BG672075	aldehyde dehydrogenase 9 family, member A1	ALDH9A1	-2,07	Cytoplasm
1367617_at	NM_012495	aldolase A, fructose-bisphosphate	ALDOA	-1,51	Cytoplasm
1377375_at	AA944898	aminoadipate-semialdehyde synthase	AASS	-3,03	Cytoplasm
1372736_at	BG374196	amylo-1, 6-glucosidase, 4-alpha-glucanotransferase	AGL	-3,97	Unknown
1392689_at	AI105029	arachidonate lipoygenase 3	ALOXE3	2,02	Unknown
1372255_at	BF283284	arginyl-tRNA synthetase	RARS	2,07	Cytoplasm
1389021_at	BF284746	asparagine synthetase domain containing 1	ASNSD1	-1,77	Unknown
1379521_at	AW525817	asparagine-linked glycosylation 3, alpha-1,3- mannosyltransferase homolog (S. cerevisiae)	ALG3	-2,19	Cytoplasm
1382019_at	AA998062	asparagine-linked glycosylation 5, dolichyl-phosphate beta-glucosyltransferase homolog (S. cerevisiae)	ALG5	-1,71	Cytoplasm
1372421_at	AA943766	aspartylglucosaminidase	AGA	-1,80	Cytoplasm
1367854_at	NM_016987	ATP citrate lyase	ACLY	-1,50	Cytoplasm
1372907_at	BI285242	ATPase, H+ transporting V0 subunit e2	ATP6V0E2	-1,68	Unknown
1370113_at	NM_023987	baculoviral IAP repeat-containing 3	BIRC3	75,27	Cytoplasm
1388617_at	AW914746	biphenyl hydrolase-like (serine hydrolase)	BPHL	-2,59	Cytoplasm
1368037_at	NM_019170	carbonyl reductase 1	CBR1	-4,56	Cytoplasm
1372372_at	BG372437	carboxymethylglutaminase homolog (Pseudomonas)	CMBL	-2,37	Unknown

1368426_at	NM_031987	carnitine O-octanoyltransferase	CROT	7,46	Cytoplasm
1386927_at	NM_012930	carnitine palmitoyltransferase II	CPT2	-3,25	Cytoplasm
1368418_a_at	AF202115	ceruloplasmin (ferroxidase)	CP	52,47	Extracellular Space
1368420_at	NM_012532	ceruloplasmin (ferroxidase)	CP	121,71	Extracellular Space
1368419_at	AF202115	ceruloplasmin (ferroxidase)	CP	145,01	Extracellular Space
1393365_at	AW433625	chromodomain helicase DNA binding protein 1	CHD1 (includes EG:308215)	6,19	Unknown
1374945_at	BI281827	chromosome 14 open reading frame 172	C14ORF172	-2,36	Unknown
1375295_at	AI009657	citrate synthase	CS	-1,66	Cytoplasm
1377598_at	AJ225648	coenzyme Q2 homolog, prenyltransferase (yeast)	COQ2	-2,37	Unknown
1372774_at	AI170570	coenzyme Q6 homolog, monooxygenase (<i>S. cerevisiae</i>)	COQ6	-1,69	Unknown
1387038_at	NM_053425	copper chaperone for superoxide dismutase	CCS	-3,94	Cytoplasm
1390692_at	BE105721	CTP synthase	CTPS	-2,33	Nucleus
1383106_at	BI295890	cullin 2	CUL2	1,67	Nucleus
1367755_at	NM_052809	cysteine dioxygenase, type I	CDO1	-8,32	Cytoplasm
1373650_at	AI172078	cytidine monophosphate N-acetylneuraminic acid synthetase	CMAS	-2,43	Nucleus
1370808_at	J03867	cytochrome b5 reductase 3	CYB5R3	-5,51	Cytoplasm
1398383_at	BI282164	cytochrome b-561	CYB561	-2,04	Cytoplasm
1399111_at	AI102191	cytochrome b-561 domain containing 2	CYB561D2	-2,18	Unknown
1387914_at	M73231	cytochrome P450, family 27, subfamily A, polypeptide 1	CYP27A1	36,64	Cytoplasm
1367793_at	NM_024131	D-dopachrome tautomerase	DDT	-3,29	Cytoplasm
1391463_at	AI575264	DEAD (Asp-Glu-Ala-Asp) box polypeptide 58	DDX58	14,63	Cytoplasm
1383635_at	BM385099	DEAD (Asp-Glu-Ala-Asp) box polypeptide 59	DDX59	-1,73	Unknown
1381556_at	BI303853	DEAD (Asp-Glu-Ala-Asp) box polypeptide 60	DDX60	255,87	Unknown
1388687_at	BI274588	dehydrodolichyl diphosphate synthase	DHDDS	-3,04	Unknown
1389407_at	BE099453	dehydrogenase/reductase (SDR family) member 1	DHRS1	-2,54	Cytoplasm
1379420_at	AI145019	dehydrogenase/reductase (SDR family) member 7	DHRS7 (includes EG:51635)	-2,16	Unknown
1368294_at	NM_053907	deoxyribonuclease I-like 3	DNASE1L3	2,45	Nucleus
1387865_at	AI411157	deoxyuridine triphosphatase	DUT (includes EG:497778)	-3,68	Unknown
1385481_at	AW526551	dermatan sulfate epimerase-like	DSEL	-2,70	Unknown
1385277_x_at	AA818849	DEXH (Asp-Glu-X-His) box polypeptide 58	DHX58	16,83	Cytoplasm
1385276_a_at	AA818849	DEXH (Asp-Glu-X-His) box polypeptide 58	DHX58	57,31	Cytoplasm
1385439_x_at	BF417541	DEXH (Asp-Glu-X-His) box polypeptide 58	DHX58	61,10	Cytoplasm
1382440_at	AI410813	diacylglycerol lipase, beta	DAGLB	-3,23	Unknown
1384788_at	BF393298	diacylglycerol lipase, beta	DAGLB	-2,08	Unknown
1367909_at	NM_134387	dicarbonyl/L-xylulose reductase	DCXR	-3,78	Cytoplasm
1373201_at	AI412898	dihydrolipoamide branched chain transacylase E2	DBT	-2,06	Cytoplasm
1382348_at	AI230216	dihydroorotate dehydrogenase	DHODH	-1,84	Cytoplasm
1385711_at	AW507178	DIM1 dimethyladenosine transferase 1-like (<i>S. cerevisiae</i>)	DIMT1L	-2,97	Cytoplasm
1383363_at	BF418817	DIRAS family, GTP-binding RAS-like 2	DIRAS2	-2,42	Plasma Membrane
1392678_a_at	AA956455	DNA (cytosine-5-)-methyltransferase 3 alpha	DNMT3A	1,71	Nucleus
1377593_at	BI284172	dolichyl-phosphate mannosyltransferase polypeptide 1, catalytic subunit	DPM1	-1,96	Cytoplasm
1371533_at	BI282273	dynactin 6	DCTN6	-1,52	Cytoplasm
1373912_at	AI170859	ectonucleotide pyrophosphatase/phosphodiesterase 4 (putative function)	ENPP4	10,77	Unknown
1375739_at	BF395171	EH-domain containing 4	EHD4	3,52	Plasma Membrane
1374399_at	AA801107	EH-domain containing 4	EHD4	5,43	Plasma Membrane
1372106_at	BI284307	EH-domain containing 4	EHD4	10,09	Plasma Membrane
1391534_at	BG666735	elongation of very long chain fatty acids (FEN1/Elo2, SUR4/Elo3, yeast)-like 2	ELOVL2	-2,76	Cytoplasm
1388108_at	BE116152	ELOVL family member 6, elongation of long chain fatty acids (FEN1/Elo2, SUR4/Elo3-like, yeast)	ELOVL6	-2,65	Cytoplasm
1391462_at	AI179635	emopamil binding protein-like	EBPL	-1,91	Cytoplasm
1370341_at	AF019973	enolase 2 (gamma, neuronal)	ENO2	-1,92	Cytoplasm
1386885_at	NM_022594	enoyl Coenzyme A hydratase 1, peroxisomal	ECH1	-3,19	Cytoplasm
1372533_at	AI175790	ER degradation enhancer, mannosidase alpha-like 1	EDEM1	2,06	Cytoplasm
1376315_at	BI282297	ER degradation enhancer, mannosidase alpha-like 2	EDEM2	-1,66	Cytoplasm
1389297_at	AI146215	ERO1-like (<i>S. cerevisiae</i>)	ERO1L	-2,03	Cytoplasm
1372592_at	AI411391	ES cell expressed Ras	ERAS	-2,80	Plasma Membrane
1398903_at	AI411425	esterase D/formylglutathione hydrolase	ESD	-1,85	Cytoplasm
1378976_x_at	AI070952	exosome component 4	EXOSC4	-2,35	Nucleus
1373393_at	BM384468	exostoses (multiple) 1	EXT1	2,29	Cytoplasm

1371611_at	BM387363	exostoses (multiple) 2	EXT2	-2,31	Cytoplasm
1386154_at	AI639161	family with sequence similarity 135, member A	FAM135A	-2,26	Unknown
1389320_at	BF419881	F-box protein 25	FBXO25	-1,55	Unknown
1399133_at	AW520767	F-box protein 7	FBXO7	1,64	Cytoplasm
1389844_at	BE113154	FK506 binding protein 4, 59kDa	FKBP4	-4,57	Nucleus
1376512_at	BI290160	FtsJ homolog 2 (E. coli)	FTSJ2	-2,08	Nucleus
1367737_at	NM_012562	fucosidase, alpha-L- 1, tissue	FUCA1	-1,53	Cytoplasm
1376249_at	BM389993	fucosidase, alpha-L- 2, plasma	FUCA2	-2,24	Extracellular Space
1368709_at	NM_031236	fucosyltransferase 1 (galactoside 2-alpha-L-fucosyltransferase, H blood group)	FUT1	-3,51	Cytoplasm
1367670_at	NM_017005	fumarate hydratase	FH	-1,73	Cytoplasm
1373134_at	BE329450	fumarylacetoacetate hydrolase domain containing 2A	FAHD2A	-3,72	Unknown
1386215_at	AI101566	geranylgeranyl diphosphate synthase 1	GGPS1	1,72	Cytoplasm
1373669_at	BG374650	glucosamine-6-phosphate deaminase 2	GNPDA2	4,14	Unknown
1374903_at	AI234819	glucosaminyl (N-acetyl) transferase 2, 1-branching enzyme (I blood group)	GCNT2	5,04	Cytoplasm
1371392_at	BI283882	glucose phosphate isomerase	GPI	-1,94	Extracellular Space
1367991_at	NM_031749	glucosidase I	GCS1	-3,16	Cytoplasm
1370200_at	BI284411	glutamate dehydrogenase 1	GLUD1	-4,21	Cytoplasm
1387878_at	AW916644	glutamate dehydrogenase 1	GLUD1	-3,79	Cytoplasm
1377761_at	BI296057	glutamine-fructose-6-phosphate transaminase 2	GFPT2	6,03	Unknown
1386871_at	NM_017165	glutathione peroxidase 4 (phospholipid hydroperoxidase)	GPX4	-1,79	Cytoplasm
1387023_at	NM_031154	glutathione S-transferase mu 2 (muscle)	GSTM2	-2,60	Cytoplasm
1378235_at	AI549590	glycerophosphodiester phosphodiesterase domain containing 1	GDPD1	-1,59	Unknown
1367908_at	NM_133598	glycine cleavage system protein H (aminomethyl carrier)	GCSH	-2,94	Cytoplasm
1388715_at	AA818089	glycyl-tRNA synthetase	GARS	-2,35	Cytoplasm
1373337_at	AI412065	glyoxylate reductase/hydroxypyruvate reductase	GRHPR	-3,63	Cytoplasm
1387906_a_at	AF107845	GNAS complex locus	GNAS	-1,71	Plasma Membrane
1398985_at	AI716480	GTP binding protein 1	GTPBP1	4,06	Cytoplasm
1374489_at	BF282573	GTP binding protein 2	GTPBP2	2,02	Unknown
1382351_at	AI069972	GTP binding protein overexpressed in skeletal muscle	GEM	-3,19	Plasma Membrane
1382105_at	AI603217	guanine nucleotide binding protein (G protein), beta 5	GNB5	-3,20	Plasma Membrane
1373621_at	BI285949	guanosine monophosphate reductase 2	GMPR2	-2,95	Unknown
1368332_at	NM_133624	guanylate binding protein 2, interferon-inducible	GBP2	1223,38	Cytoplasm
1385051_at	BE108569	guanylate binding protein 4	GBP4 (includes EG:115361)	427,68	Cytoplasm
1386898_at	NM_012966	heat shock 10kDa protein 1 (chaperonin 10)	HSPE1	-2,07	Cytoplasm
1382902_at	AA943147	hect domain and RLD 6	HERC6	35,98	Unknown
1367903_at	J05405	heme oxygenase (decycling) 2	HMOX2	-1,83	Cytoplasm
1370309_a_at	AJ238854	heterogeneous nuclear ribonucleoprotein A/B	HNRNPAB	-1,72	Nucleus
1387175_a_at	NM_053609	HLA-B associated transcript 3	BAT3	-1,56	Nucleus
1370237_at	AA799574	hydroxyacyl-Coenzyme A dehydrogenase	HADH	-5,07	Cytoplasm
1386983_at	NM_013168	hydroxymethylbilane synthase	HMBS	-4,80	Cytoplasm
1376191_at	AA848820	hydroxyprostaglandin dehydrogenase 15-(NAD)	HPGD	-3,49	Cytoplasm
1367672_at	NM_024392	hydroxysteroid (17-beta) dehydrogenase 4	HSD17B4	-2,09	Cytoplasm
1373924_at	AI712686	hypothetical protein FLJ11151	FLJ11151	-4,09	Unknown
1388629_at	BF281278	IMP (inosine monophosphate) dehydrogenase 2	IMPDH2	-2,07	Cytoplasm
1387608_at	NM_023973	indoleamine-pyrrole 2,3 dioxygenase	INDO	30,37	Cytoplasm
1396163_at	BF563316	interferon gamma induced GTPase	IGTP	3,93	Cytoplasm
1375796_at	BI300770	interferon gamma induced GTPase	IGTP	45,65	Cytoplasm
1376151_a_at	AI407953	interferon gamma induced GTPase	IGTP	49,29	Cytoplasm
1397304_at	AW525366	interferon gamma induced GTPase	IGTP	217,64	Cytoplasm
1377950_at	AA955213	interferon inducible GTPase 1	IIGP1	235,04	Unknown
1373992_at	AI408440	interferon inducible GTPase 1	IIGP1	482,20	Unknown
1390507_at	BI296097	interferon stimulated exonuclease gene 20kDa	ISG20	2,72	Nucleus
1369954_at	NM_031510	isocitrate dehydrogenase 1 (NADP+), soluble	IDH1	-4,22	Cytoplasm
1388403_at	AI172491	isocitrate dehydrogenase 2 (NADP+), mitochondrial	IDH2	-3,92	Cytoplasm
1367911_at	NM_053638	isocitrate dehydrogenase 3 (NAD+) alpha	IDH3A	-2,68	Cytoplasm
1370865_at	BI277627	isocitrate dehydrogenase 3 (NAD+) gamma	IDH3G	-1,64	Cytoplasm
1389472_at	AI169015	KIAA0859	KIAA0859	-1,69	Unknown
1382462_at	BF290937	L-2-hydroxyglutarate dehydrogenase	L2HGDH	-2,90	Cytoplasm

1370218_at	AA848319	lactate dehydrogenase B	LDHB	-4,26	Cytoplasm
1383743_at	BI275464	leucine rich repeat containing 16A	LRRC16A	1,59	Unknown
1372884_at	BG381486	like-glycosyltransferase	LARGE	-2,68	Cytoplasm
1368075_at	NM_012732	lipase A, lysosomal acid, cholesterol esterase	LIPA	7,84	Cytoplasm
1371662_at	AA892250	lysyl-tRNA synthetase	KARS	3,42	Cytoplasm
1372790_at	BG671530	malate dehydrogenase 1, NAD (soluble)	MDH1	-1,87	Cytoplasm
1369927_at	NM_031151	malate dehydrogenase 2, NAD (mitochondrial)	MDH2	-2,10	Cytoplasm
1370870_at	M30596	malic enzyme 1, NADP(+)-dependent, cytosolic	ME1	-1,75	Cytoplasm
1374696_at	AI170182	mannosidase, alpha, class 1A, member 2	MAN1A2	3,66	Cytoplasm
1388667_at	AI178793	mannosidase, alpha, class 2A, member 1	MAN2A1	-2,19	Cytoplasm
1377463_at	BE099244	mannosidase, alpha, class 2A, member 2	MAN2A2	1,89	Cytoplasm
1376674_at	BI274940	mannosidase, alpha, class 2A, member 2	MAN2A2	2,40	Cytoplasm
1371875_at	BM388852	mannosidase, beta A, lysosomal	MANBA	1,99	Cytoplasm
1367796_at	NM_030861	mannosyl (alpha-1,3-)-glycoprotein beta-1,2-N-acetylglucosaminyltransferase	MGAT1	-2,42	Cytoplasm
1378394_at	BE113263	metallophosphoesterase 1	MPPE1	4,68	Unknown
1371350_at	AI412159	methionine adenosyltransferase II, alpha	MAT2A	-1,63	Cytoplasm
1368181_at	NM_022508	methylenetetrahydrofolate dehydrogenase (NADP+ dependent) 1, methylenetetrahydrofolate cyclohydrolase, formyltetrahydrofolate synthetase	MTHFD1	4,24	Cytoplasm
1373194_at	BF282281	midasin homolog (yeast)	MDN1 (includes EG:362498)	-1,87	Nucleus
1383157_at	AW520344	mitochondrial ribosomal protein L44	MRPL44	-1,60	Cytoplasm
1373069_at	BG378230	mitochondrial ribosomal protein S30	MRPS30	-2,56	Cytoplasm
1377493_at	BM386301	mitochondrial translation optimization 1 homolog (S. cerevisiae)	MTO1	-3,54	Cytoplasm
1371717_at	AA943135	mitofusin 1	MFN1	1,54	Cytoplasm
1372177_at	AI180033	molybdenum cofactor synthesis 2	MOCS2	1,93	Cytoplasm
1368514_at	NM_013198	monoamine oxidase B	MAOB	-2,17	Cytoplasm
1393287_at	AW915147	Mov10, Moloney leukemia virus 10, homolog (mouse)	MOV10	5,22	Nucleus
1374725_at	AW252811	Mov10, Moloney leukemia virus 10, homolog (mouse)	MOV10	74,85	Nucleus
1387368_at	NM_012981	muscle RAS oncogene homolog	MRAS	1,98	Plasma Membrane
1372863_at	BF409872	MYC binding protein 2	MYCBP2	1,98	Nucleus
1390423_at	BE104245	MYC binding protein 2	MYCBP2	2,43	Nucleus
1370933_at	BI275813	myosin IE	MYO1E	3,73	Cytoplasm
1387866_at	AI178160	myosin IXB	MYO9B	5,98	Cytoplasm
1389474_at	AA818380	myosin regulatory light chain interacting protein	MYLIP	-1,64	Cytoplasm
1387283_at	NM_134350	myxovirus (influenza virus) resistance 1, interferon-inducible protein p78 (mouse)	MX1	17,39	Nucleus
1369202_at	NM_017028	myxovirus (influenza virus) resistance 1, interferon-inducible protein p78 (mouse)	MX1	47,53	Nucleus
1371015_at	X52711	myxovirus (influenza virus) resistance 2 (mouse)	MX2	71,77	Nucleus
1388406_at	AI412090	N-acetyltransferase 15 (GCN5-related, putative)	NAT15	-3,09	Unknown
1387599_a_at	J02679	NAD(P)H dehydrogenase, quinone 1	NQO1	-2,21	Cytoplasm
1374959_at	AA945624	NAD(P)H dehydrogenase, quinone 2	NQO2	9,03	Cytoplasm
1389334_at	BI277594	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex 10	NDUFA10 (includes EG:678759)	-2,03	Unknown
1375220_at	AA818971	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 11, 14.7kDa	NDUFA11	-1,83	Cytoplasm
1391126_at	BG379351	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 12	NDUFA12	-2,52	Cytoplasm
1389288_at	BI279838	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 2, 8kDa	NDUFA2	-2,70	Cytoplasm
1388323_at	BG381033	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 9	NDUFA9 (includes EG:362440)	-1,60	Cytoplasm
1388304_at	BI281307	NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 5, 16kDa	NDUFB5	-1,89	Cytoplasm
1371701_at	BG666921	NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 9, 22kDa	NDUFB9	-1,79	Cytoplasm
1371041_at	M22756	NADH dehydrogenase (ubiquinone) flavoprotein 2, 24kDa	NDUFV2	-1,58	Cytoplasm
1387055_at	U90829	NEDD8 activating enzyme E1 subunit 1	NAE1	-1,87	Cytoplasm
1389507_at	AI072446	neural precursor cell expressed, developmentally down-regulated 4-like	NEDD4L	-1,72	Cytoplasm
1387667_at	L12562	nitric oxide synthase 2, inducible	NOS2	109,35	Cytoplasm
1388324_at	BG668463	nitrilase 1	NIT1	-2,06	Unknown
1368410_at	NM_012601	N-methylpurine-DNA glycosylase	MPG	-2,20	Nucleus
1372364_a_at	AA894101	N-terminal asparagine amidase	NTAN1	-1,76	Nucleus
1372295_at	BF551356	nuclear prelamin A recognition factor	NARF	-1,81	Nucleus
1388337_at	AI102495	nucleoside phosphorylase	NP	5,50	Nucleus
1376118_at	BE109604	OTU domain, ubiquitin aldehyde binding 2	OTUB2	-4,64	Unknown
1372291_at	BI274517	oxidase (cytochrome c) assembly 1-like	OXA1L	-2,39	Cytoplasm
1375848_at	BG668051	paraoxonase 2	PON2	-1,88	Extracellular Space
1371697_at	BI278288	patatin-like phospholipase domain containing 2	PNPLA2	2,12	Cytoplasm

1390794_at	BI289098	peptide deformylase (mitochondrial)	PDF	-3,57	Cytoplasm
1375686_at	AI706907	peptidylprolyl isomerase (cyclophilin)-like 3	PIL3	-2,06	Cytoplasm
1372827_at	AA957342	peptidylprolyl isomerase D	PPID	-1,70	Cytoplasm
1389655_at	AA892330	peptidyl-tRNA hydrolase 2	PTRH2	-1,61	Cytoplasm
1390993_at	AW532101	phenazine biosynthesis-like protein domain containing	PBLD	-2,58	Unknown
1371863_at	BM387059	phosphatidylglycerophosphate synthase 1	PGS1	2,85	Cytoplasm
1372900_at	BI274156	phosphatidylinositol glycan anchor biosynthesis, class T	PIGT	-2,10	Cytoplasm
1367497_at	AA851302	phosphatidylserine synthase 1	PTDSS1	-2,73	Cytoplasm
1368438_at	NM_022236	phosphodiesterase 10A	PDE10A	-2,19	Cytoplasm
1384400_at	BM389421	phosphodiesterase 4C, cAMP-specific (phosphodiesterase E1 dunce homolog, Drosophila)	PDE4C	2,75	Cytoplasm
1374452_at	BF399743	phosphodiesterase 9A	PDE9A	2,45	Cytoplasm
1374969_at	AA799832	phosphoglucomutase 5	PGM5	-1,64	Cytoplasm
1370385_at	U51898	phospholipase A2, group VI (cytosolic, calcium-independent)	PLA2G6	1,88	Cytoplasm
1392099_at	AI549022	phospholipase C, eta 1	PLCH1	6,56	Cytoplasm
1374590_at	BF420110	phospholipase C-like 2	PLCL2	-1,86	Cytoplasm
1370531_a_at	U69550	phospholipase D1, phosphatidylcholine-specific	PLD1	2,26	Cytoplasm
1370530_a_at	AB000779	phospholipase D1, phosphatidylcholine-specific	PLD1	2,80	Cytoplasm
1369029_at	NM_057194	phospholipid scramblase 1	PLSCR1	12,28	Plasma Membrane
1373417_at	BI285973	phospholipid scramblase 3	PLSCR3	2,51	Cytoplasm
1371455_at	AI411429	phosphomannomutase 1	PMM1	-3,21	Cytoplasm
1387790_at	NM_080910	phosphoribosylaminoimidazole carboxylase, phosphoribosylaminoimidazole succinocarboxamide synthetase	PAICS	-2,28	Unknown
1392499_at	H32997	phosphoribosylformylglycinamide synthase	PFAS	-1,57	Cytoplasm
1388641_at	AI410319	phosphoribosylglycinamide formyltransferase, phosphoribosylglycinamide synthetase, phosphoribosylaminoimidazole synthetase	GART	-3,19	Cytoplasm
1387271_at	NM_053674	phytanoyl-CoA 2-hydroxylase	PHYH	-3,35	Cytoplasm
1393245_at	AI029057	phytanoyl-CoA 2-hydroxylase	PHYH	-1,70	Cytoplasm
1380101_at	BE109349	poly(A) polymerase gamma	PAPOLG	2,00	Nucleus
1388883_at	BF281976	polymerase (DNA-directed), delta 4	POLD4	-3,06	Nucleus
1387268_at	NM_031773	polymerase (RNA) I polypeptide B, 128kDa	POLR1B	-2,38	Nucleus
1374289_at	AA818183	polymerase (RNA) I polypeptide C, 30kDa	POLR1C	-2,54	Nucleus
1367471_at	BI279090	polymerase (RNA) II (DNA directed) polypeptide E, 25kDa	POLR2E	-2,00	Nucleus
1367769_at	NM_053948	polymerase (RNA) II (DNA directed) polypeptide G	POLR2G	-2,96	Nucleus
1398914_at	AW530341	polymerase (RNA) II (DNA directed) polypeptide J, 13.3kDa	POLR2J	-2,30	Nucleus
1380256_at	BE103946	polymerase (RNA) III (DNA directed) polypeptide C (62kD)	POLR3C	2,20	Nucleus
1382604_at	BE117925	polymerase (RNA) III (DNA directed) polypeptide G (32kD)	POLR3G	-3,01	Nucleus
1399035_at	BE097233	polymerase (RNA) III (DNA directed) polypeptide H (22.9kD)	POLR3H	-2,55	Nucleus
1367931_a_at	X60790	polypyrimidine tract binding protein 1	PTBP1	-1,66	Nucleus
1373913_at	BF282271	polyribonucleotide nucleotidyltransferase 1	PNPT1	1,82	Cytoplasm
1370407_at	AF332142	prenylcysteine oxidase 1	PCYOX1	-2,34	Cytoplasm
1381386_at	AI407297	processing of precursor 5, ribonuclease P/MRP subunit (S. cerevisiae)	POP5	-2,54	Nucleus
1374424_at	BE112720	protein arginine methyltransferase 5	PRMT5	-1,54	Cytoplasm
1388717_at	BM384163	protein O-fucosyltransferase 2	POFUT2	-2,80	Cytoplasm
1388960_at	AI412958	pyrophosphatase (inorganic) 1	PPA1	-1,81	Cytoplasm
1377576_at	AA891800	pyrophosphatase (inorganic) 2	PPA2	-12,31	Cytoplasm
1371388_at	BM389223	pyruvate dehydrogenase (lipoamide) beta	PDHB	-1,93	Cytoplasm
1371871_at	AI409731	RAB12, member RAS oncogene family	RAB12	2,12	Cytoplasm
1383089_at	BM386264	RAB21, member RAS oncogene family	RAB21	1,60	Cytoplasm
1372862_at	BM390237	RAB22A, member RAS oncogene family	RAB22A	-1,63	Cytoplasm
1391434_at	BF389910	RAB3A, member RAS oncogene family	RAB3A	-16,01	Cytoplasm
1370055_at	M83681	RAB3D, member RAS oncogene family	RAB3D	-3,11	Cytoplasm
1388823_at	BI274642	RAB5B, member RAS oncogene family	RAB5B	2,38	Cytoplasm
1387797_at	AA946057	RAB7A, member RAS oncogene family	RAB7A	1,67	Cytoplasm
1391347_at	BF398743	RAB8B, member RAS oncogene family	RAB8B	5,62	Cytoplasm
1370913_at	AI409634	radical S-adenosyl methionine domain containing 2	RSAD2	1285,11	Unknown
1374035_at	BI296482	RAS (RAD and GEM)-like GTP binding 2	REM2	-7,32	Plasma Membrane
1371659_at	AA891940	ras homolog gene family, member C	RHOC	3,08	Plasma Membrane
1389227_at	BG375902	ras homolog gene family, member G (rho G)	RHOG	1,68	Cytoplasm
1397581_at	BF416022	ras homolog gene family, member V	RHOV	3,31	Plasma Membrane
1387908_at	AF239157	RAS, dexamethasone-induced 1	RASD1	3,72	Cytoplasm

1373774_at	AI412619	Ras-like without CAAX 2	RIT2	-2,35	Plasma Membrane
1369696_at	NM_053972	Ras-related GTP binding B	RRAGB	-3,00	Nucleus
1374921_at	BI274548	regulator of telomere elongation helicase 1	RTEL1	-1,53	Nucleus
1372133_at	AA955287	related RAS viral (r-ras) oncogene homolog 2	RRAS2	2,52	Plasma Membrane
1393351_at	BE109501	retinol dehydrogenase 10 (all-trans)	RDH10	9,78	Unknown
1373923_at	BF283756	retinol dehydrogenase 10 (all-trans)	RDH10	11,95	Unknown
1384391_at	BE096510	retinol dehydrogenase 10 (all-trans)	RDH10	15,98	Unknown
1373918_at	BG374035	retinol dehydrogenase 11 (all-trans/9-cis/11-cis)	RDH11	-2,25	Cytoplasm
1389217_at	AI599568	RFNG O-fucosylpeptide 3-beta-N-acetylglucosaminyltransferase	RFNG	-2,35	Cytoplasm
1377663_at	AI598323	Rho family GTPase 3	RND3	1,95	Cytoplasm
1394077_at	BF548080	Rho family GTPase 3	RND3	2,80	Cytoplasm
1376066_at	AI103572	Rho family GTPase 3	RND3	4,66	Cytoplasm
1386062_at	AI060227	Rho family GTPase 3	RND3	7,46	Cytoplasm
1389632_at	AA799294	Rho-related BTB domain containing 1	RHOBTB1	-2,24	Unknown
1380425_at	AI012859	ribonuclease L (2',5'-oligoadenylate synthetase-dependent)	RNASEL	9,40	Cytoplasm
1372845_at	BG380782	ribonuclease P/MRP 21kDa subunit	RPP21	2,23	Nucleus
1376440_at	BF391522	ring finger protein 139	RNF139	4,52	Cytoplasm
1383679_at	BF411972	ring finger protein 31	RNF31	2,62	Cytoplasm
1388529_at	AI237372	RNA terminal phosphate cyclase domain 1	RTCD1	-2,04	Nucleus
1367798_at	NM_017201	S-adenosylhomocysteine hydrolase	AHCY	-1,89	Cytoplasm
1367470_at	AA851321	SAR1 homolog A (S. cerevisiae)	SAR1A	-1,70	Cytoplasm
1379957_at	BE107457	schlafen family member 13	SLFN13	33,71	Nucleus
1374524_at	BM384384	selenocysteine lyase	SCLY	7,57	Cytoplasm
1393134_at	BG375377	selenophosphate synthetase 1	SEPHS1	-1,56	Unknown
1367593_at	NM_013027	selenoprotein W, 1	SEPW1	3,21	Cytoplasm
1390096_at	BF284481	SH3-domain GRB2-like endophilin B1	SH3GLB1	2,16	Cytoplasm
1381203_at	AA819246	SH3-domain GRB2-like endophilin B1	SH3GLB1	4,24	Cytoplasm
1388565_at	BI289536	spastic paraplegia 21 (autosomal recessive, Mast syndrome)	SPG21	2,20	Plasma Membrane
1367834_at	NM_053464	spermidine synthase	SRM	-3,07	Unknown
1375889_at	AI228536	spermine synthase	SMS	-1,73	Unknown
1388809_at	BM389498	sphingomyelin phosphodiesterase, acid-like 3A	SMPDL3A	-2,34	Extracellular Space
1384106_at	AW141276	sphingomyelin synthase 1	SGMS1	9,10	Cytoplasm
1393919_at	AW535116	sphingomyelin synthase 2	SGMS2	3,67	Plasma Membrane
1374442_at	AI227831	splicing factor, arginine/serine-rich 9	SFRS9	-1,63	Nucleus
1373869_at	AI012418	sterol O-acyltransferase 1	SOAT1	-4,90	Cytoplasm
1387926_at	AB052846	sterol-C5-desaturase (ERG3 delta-5-desaturase homolog, S. cerevisiae)-like	SC5DL	-4,23	Cytoplasm
1390777_at	AI710051	sterol-C5-desaturase (ERG3 delta-5-desaturase homolog, S. cerevisiae)-like	SC5DL	-2,03	Cytoplasm
1388294_at	AI176608	succinate dehydrogenase complex, subunit D, integral membrane protein	SDHD	-2,27	Cytoplasm
1388975_at	AA923982	succinate-CoA ligase, ADP-forming, beta subunit	SUCLA2	-2,83	Cytoplasm
1372510_at	AI172302	sulfiredoxin 1 homolog (S. cerevisiae)	SRXN1	-4,71	Cytoplasm
1384331_at	H31896	sulfiredoxin 1 homolog (S. cerevisiae)	SRXN1	-2,75	Cytoplasm
1370036_at	NM_031127	sulfite oxidase	SUOX	-3,13	Cytoplasm
1370173_at	BG671549	superoxide dismutase 2, mitochondrial	SOD2	7,02	Cytoplasm
1370172_at	AA892254	superoxide dismutase 2, mitochondrial	SOD2	9,23	Cytoplasm
1375981_a_at	AA997899	suppressor of variegation 3-9 homolog 1 (Drosophila)	SUV39H1	2,76	Nucleus
1398857_at	AF182952	surfeit 1	SURF1	-1,52	Cytoplasm
1368012_at	NM_022591	telomerase-associated protein 1	TEP1	2,60	Nucleus
1367510_at	BG381690	thioredoxin domain containing 15	TXNDC15	-2,12	Unknown
1398953_at	BM386183	tissue specific transplantation antigen P35B	TSTA3	-2,51	Plasma Membrane
1383778_at	AW917920	TNF receptor-associated factor 6	TRAF6	1,62	Cytoplasm
1384582_at	BE107130	TNF receptor-associated factor 6	TRAF6	1,71	Cytoplasm
1374467_at	BM389034	TNF receptor-associated protein 1	TRAP1	-2,88	Cytoplasm
1372868_at	BF284295	torsin family 3, member A	TOR3A	2,67	Unknown
1386859_at	NM_022592	transketolase	TKT	-2,28	Cytoplasm
1383430_at	BF414509	tRNA splicing endonuclease 2 homolog (S. cerevisiae)	TSEN2	-2,77	Cytoplasm
1388718_at	AI104913	tropomodulin 1	TMOD1	-1,77	Cytoplasm
1388574_at	BG670966	tryptophanyl-tRNA synthetase	WARS	4,75	Cytoplasm
1395124_at	BE101688	tryptophanyl-tRNA synthetase	WARS	14,35	Cytoplasm

1398994_at	BI301193	tyrosylprotein sulfotransferase 2	TPST2	-3,11	Cytoplasm
1392199_at	BF398981	ubiquitin protein ligase E3 component n-recogin 5	UBR5	-2,88	Nucleus
1388739_at	BF398626	ubiquitin protein ligase E3 component n-recogin 7 (putative)	UBR7	-2,28	Unknown
1373409_at	BI294738	ubiquitin protein ligase E3C	UBE3C	-1,77	Nucleus
1373037_at	BI279216	ubiquitin-conjugating enzyme E2L 6	UBE2L6	18,34	Cytoplasm
1373438_at	BE329352	ubiquitin-conjugating enzyme E2O	UBE2O	-1,83	Unknown
1371365_at	BI279788	ubiquitin-conjugating enzyme E2S	UBE2S	-2,12	Unknown
1392906_at	AW528860	ubiquitin-like 4A	UBL4A	-3,13	Unknown
1379634_at	AW921187	ubiquitin-like modifier activating enzyme 7	UBA7	1,64	Cytoplasm
1386277_at	AI177396	ubiquitin-like modifier activating enzyme 7	UBA7	10,64	Cytoplasm
1379633_a_at	BE096453	ubiquitin-like modifier activating enzyme 7	UBA7	12,74	Cytoplasm
1370613_s_at	AF461738	UDP glucuronosyltransferase 1 family, polypeptide A6	UGT1A6	-1,94	Cytoplasm
1368858_at	L21698	UDP glycosyltransferase 8	UGT8	-2,93	Cytoplasm
1387206_at	NM_031740	UDP-Gal:betaGlcNAc beta 1,4- galactosyltransferase, polypeptide 6	B4GALT6	1,86	Cytoplasm
1376202_at	BF416236	UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 1	B3GNT1	-11,43	Cytoplasm
1372779_at	BG373352	UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 2	B3GNT2	-1,64	Cytoplasm
1367938_at	NM_031325	UDP-glucose dehydrogenase	UGDH	2,14	Nucleus
1379910_at	AI136097	UDP-N-acteylglucosamine pyrophosphorylase 1	UAP1	2,20	Nucleus
1389587_at	BM384966	uridine monophosphate synthetase	UMPS	-2,84	Cytoplasm
1370878_at	Y00350	uroporphyrinogen decarboxylase	UROD	-2,40	Cytoplasm
1372578_at	AI704469	valyl-tRNA synthetase	VARS	1,89	Cytoplasm
1371255_at	BG379941	v-Ha-ras Harvey rat sarcoma viral oncogene homolog	HRAS	-2,44	Plasma Membrane
1388330_at	BM384958	vitamin K epoxide reductase complex, subunit 1	VKORC1	-1,50	Cytoplasm
1368839_at	AI407433	Wolfram syndrome 1 (wolframin)	WFS1	-1,75	Cytoplasm
G-protein coupled receptor					
1369787_at	NM_012688	cholecystokinin A receptor	CCKAR	-3,95	Plasma Membrane
1384809_at	AW526563	G protein-coupled receptor 123	GPR123	-3,48	Plasma Membrane
1382739_at	AI045718	G protein-coupled receptor 19	GPR19	6,00	Plasma Membrane
1369792_at	U12006	G protein-coupled receptor 6	GPR6	-8,21	Plasma Membrane
1387702_at	U30290	galanin receptor 1	GALR1	-2,40	Plasma Membrane
1387383_at	NM_031802	gamma-aminobutyric acid (GABA) B receptor, 2	GABBR2	-2,00	Plasma Membrane
1370735_at	AF010293	olfactory receptor 937	OLFR937	2,25	Plasma Membrane
1386986_at	NM_053340	opioid growth factor receptor	OGFR	10,69	Plasma Membrane
1377702_at	BG380173	purinergic receptor P2Y, G-protein coupled, 5	P2RY5	1,97	Plasma Membrane
1375846_at	BE113490	xenotropic and polytropic retrovirus receptor	XPR1	1,90	Plasma Membrane
Growth factor					
1368945_at	NM_017178	bone morphogenetic protein 2	BMP2	1,58	Extracellular Space
1386893_at	NM_017113	granulin	GRN	2,79	Extracellular Space
1383047_at	AA957335	growth arrest-specific 6	GAS6	-1,68	Extracellular Space
1370427_at	L06238	platelet-derived growth factor alpha polypeptide	PDGFA	6,15	Extracellular Space
1379375_at	BE100812	platelet-derived growth factor alpha polypeptide	PDGFA	7,32	Extracellular Space
1381449_s_at	BG670310	transforming growth factor, alpha	TGFA	-2,09	Extracellular Space
1368359_a_at	NM_030997	VGF nerve growth factor inducible	VGFB	1,90	Extracellular Space
Ion channel					
1378232_at	BF417445	chloride channel 3	CLCN3	-1,52	Plasma Membrane
1377765_at	AA848723	chloride intracellular channel 4	CLIC4	7,16	Cytoplasm
1387171_at	NM_017261	glutamate receptor, ionotropic, AMPA 2	GRIA2	-2,92	Plasma Membrane
1368401_at	M85035	glutamate receptor, ionotropic, AMPA 2	GRIA2	-1,82	Plasma Membrane
1372724_at	BI284904	glutamate receptor, ionotropic, N-methyl D-aspartate-associated protein 1 (glutamate binding)	GRINA	2,40	Unknown
1370408_at	AF313411	MSTP150	MST150	4,91	Unknown
1387698_at	AB043638	potassium inwardly-rectifying channel, subfamily J, member 11	KCNJ11	-3,17	Plasma Membrane
1391007_s_at	BE113377	potassium inwardly-rectifying channel, subfamily J, member 11	KCNJ11	-2,46	Plasma Membrane
1372929_at	AI010839	potassium large conductance calcium-activated channel, subfamily M, alpha member 1	KCNMA1	-1,65	Plasma Membrane
1371911_at	BM390023	tumor necrosis factor, alpha-induced protein 1 (endothelial)	TNFAIP1	1,61	Plasma Membrane
1384238_at	BM385249	tweety homolog 2 (Drosophila)	TTYH2	-3,05	Unknown
Kinase					
1373494_at	BE120831	breakpoint cluster region	BCR	2,41	Cytoplasm
1367889_at	NM_134468	calcium/calmodulin-dependent protein kinase I	CAMK1	-2,38	Cytoplasm

1375575_at	BF403410	calcium/calmodulin-dependent protein kinase II beta	CAMK2B	-1,79	Cytoplasm
1368834_at	AA894330	calcium/calmodulin-dependent protein kinase II delta	CAMK2D	2,18	Cytoplasm
1371326_at	BI276957	casein kinase 2, alpha prime polypeptide	CSNK2A2	1,70	Cytoplasm
1373823_at	AA944180	CDC28 protein kinase regulatory subunit 2	CKS2 (includes EG:1164)	12,38	Unknown
1399022_at	AI177513	CDC-like kinase 1	CLK1	1,81	Nucleus
1375987_at	AW525194	ceramide kinase	CERK	-1,51	Plasma Membrane
1372536_at	AI105042	chaperone, ABC1 activity of bc1 complex homolog (S. pombe)	CABC1	-3,17	Cytoplasm
1387062_a_at	NM_080400	CHK1 checkpoint homolog (S. pombe)	CHEK1	1,98	Nucleus
1373304_at	BM392002	Coenzyme A synthase	COASY	-2,42	Cytoplasm
1371993_at	AI237636	copine III	CPNE3	2,60	Cytoplasm
1367740_at	M14400	creatine kinase, brain	CKB	-6,83	Cytoplasm
1390566_a_at	BI301453	creatine kinase, mitochondrial 1B	CKMT1B	5,46	Cytoplasm
1369950_at	NM_053593	cyclin-dependent kinase 4	CDK4	-2,06	Nucleus
1368088_at	NM_080885	cyclin-dependent kinase 5	CDK5	-3,80	Nucleus
1388171_at	AW916118	cyclin-dependent kinase 7	CDK7	-1,65	Nucleus
1388674_at	AI010427	cyclin-dependent kinase inhibitor 1A (p21, Cip1)	CDKN1A	3,70	Nucleus
1383424_at	BI276216	cytidine monophosphate (UMP-CMP) kinase 2, mitochondrial	CMPK2	156,71	Cytoplasm
1393044_at	BF282370	cytidine monophosphate (UMP-CMP) kinase 2, mitochondrial	CMPK2	276,24	Cytoplasm
1370217_at	L26525	discoidin domain receptor tyrosine kinase 1	DDR1	-2,15	Plasma Membrane
1398276_at	NM_022282	discs, large homolog 2 (Drosophila)	DLG2	-6,08	Plasma Membrane
1392588_at	BG664535	dual serine/threonine and tyrosine protein kinase	RIPK5	-2,09	Cytoplasm
1370699_a_at	AF187818	epidermal growth factor receptor (erythroblastic leukemia viral (v-erb-b) oncogene homolog, avian)	EGFR	-1,88	Plasma Membrane
1387242_at	NM_019335	eukaryotic translation initiation factor 2-alpha kinase 2	EIF2AK2	9,64	Cytoplasm
1368326_at	NM_031599	eukaryotic translation initiation factor 2-alpha kinase 3	EIF2AK3	2,74	Cytoplasm
1383654_a_at	BE112523	fructosamine 3 kinase	FN3K	-11,86	Unknown
1395404_at	BE110529	fructosamine-3-kinase-related protein	FN3KRP	-1,75	Unknown
1368408_at	NM_030829	G protein-coupled receptor kinase 5	GRK5	2,57	Plasma Membrane
1376650_at	BF399323	golgi autoantigen, golgin subfamily a, 5	GOLGA5	-3,82	Cytoplasm
1369162_at	NM_013170	guanylate cyclase 2C (heat stable enterotoxin receptor)	GUCY2C	-2,71	Plasma Membrane
1388721_at	BG380282	heat shock 22kDa protein 8	HSPB8	12,67	Cytoplasm
1383519_at	BI294137	hexokinase 2	HK2	17,22	Cytoplasm
1381016_at	BI288152	inositol 1,3,4,5,6-pentakisphosphate 2-kinase	IPPK	-3,45	Cytoplasm
1388500_at	AI180252	inositol 1,4,5-trisphosphate 3-kinase B	ITPKB	-2,53	Cytoplasm
1387777_at	NM_133409	integrin-linked kinase	ILK	1,81	Plasma Membrane
1380110_at	AI229643	Janus kinase 2 (a protein tyrosine kinase)	JAK2	14,91	Cytoplasm
1368856_at	NM_031514	Janus kinase 2 (a protein tyrosine kinase)	JAK2	17,89	Cytoplasm
1368251_at	NM_012855	Janus kinase 3 (a protein tyrosine kinase, leukocyte)	JAK3	3,24	Cytoplasm
1372038_at	BM383395	MAP kinase interacting serine/threonine kinase 2	MKMK2	-2,38	Cytoplasm
1397535_at	BF555544	membrane protein, palmitoylated 5 (MAGUK p55 subfamily member 5)	MPP5	-1,52	Plasma Membrane
1380682_at	BF396302	mex-3 homolog B (C. elegans)	MEX3B	-1,91	Unknown
1398834_at	D14592	mitogen-activated protein kinase kinase 2	MAP2K2	-1,78	Cytoplasm
1372010_at	BF283797	mitogen-activated protein kinase-activated protein kinase 5	MAPKAPK5	-1,55	Cytoplasm
1373939_at	AI236719	N-acetylglucosamine kinase	NAGK	-2,46	Cytoplasm
1370687_a_at	M55292	neurotrophic tyrosine kinase, receptor, type 2	NTRK2	-2,15	Plasma Membrane
1373501_at	AA955361	NIMA (never in mitosis gene a)-related kinase 7	NEK7	1,63	Nucleus
1368863_at	NM_053507	non-metastatic cells 3, protein expressed in	NME3	-3,62	Extracellular Space
1383614_at	BI295051	NUAK family, SNF1-like kinase, 2	NUAK2	7,17	Unknown
1396994_at	BM382872	pantothenate kinase 2	PANK2	2,95	Cytoplasm
1394706_at	AI044545	pantothenate kinase 3	PANK3	-2,41	Cytoplasm
1374747_at	BM384279	PFTAIRE protein kinase 1	PFTK1	-2,91	Nucleus
1375213_at	BM384604	phosphoenolpyruvate carboxykinase 2 (mitochondrial)	PCK2	-2,68	Cytoplasm
1372182_at	BM389769	phosphofructokinase, platelet	PFKP	4,95	Cytoplasm
1387361_s_at	NM_053291	phosphoglycerate kinase 1	PGK1	-1,65	Cytoplasm
1369050_at	NM_053923	phosphoinositide-3-kinase, class 2, gamma polypeptide	PIK3C2G	5,04	Cytoplasm
1368106_at	NM_031821	polo-like kinase 2 (Drosophila)	PLK2	1,71	Nucleus
1387114_at	NM_133307	protein kinase C, delta	PRKCD	4,33	Cytoplasm
1388830_at	BM390687	protein kinase N2	PKN2	1,89	Cytoplasm
1371835_at	AI411907	protein kinase, cAMP-dependent, catalytic, beta	PRKACB	-2,01	Cytoplasm

1388375_at	AI234096	protein kinase, cAMP-dependent, regulatory, type I, alpha (tissue specific extinguisher 1)	PRKARIA	-1,52	Cytoplasm
1389463_at	BG375376	protein kinase, cAMP-dependent, regulatory, type I, beta	PRKAR1B	-2,17	Cytoplasm
1371133_a_at	M12492	protein kinase, cAMP-dependent, regulatory, type II, beta	PRKAR2B	-1,71	Cytoplasm
1389431_at	BF400782	protein kinase, DNA-activated, catalytic polypeptide	PRKDC	-1,58	Nucleus
1377053_at	BE117757	protein kinase-like protein SgK196	SGK196	-2,43	Unknown
1372316_at	BM384131	protein kinase-like protein SgK493	SGK493	3,04	Unknown
1382646_at	AI145475	PRP4 pre-mRNA processing factor 4 homolog B (yeast)	PRPF4B	-3,10	Nucleus
1387875_at	BI294798	PTK2 protein tyrosine kinase 2	PTK2	2,07	Cytoplasm
1394338_x_at	BF290004	PTK2 protein tyrosine kinase 2	PTK2	3,09	Cytoplasm
1371529_at	BF289001	receptor (TNFRSF)-interacting serine-threonine kinase 1	RIPK1	3,63	Plasma Membrane
1381279_at	BF412519	receptor-interacting serine-threonine kinase 2	RIPK2	35,59	Plasma Membrane
1375093_at	AI236089	ribokinase	RBKS	-1,88	Unknown
1389735_at	BE107296	ribosomal protein S6 kinase, 90kDa, polypeptide 6	RPS6KA6	2,27	Cytoplasm
1372292_at	AI009732	serine/threonine kinase 24 (STE20 homolog, yeast)	STK24	-2,54	Cytoplasm
1369712_at	NM_031735	serine/threonine kinase 3 (STE20 homolog, yeast)	STK3	2,61	Cytoplasm
1371943_at	BF420075	serine/threonine kinase 40	STK40	1,97	Cytoplasm
1376880_at	AI639447	TANK-binding kinase 1	TBK1	2,66	Cytoplasm
1382487_at	AI500925	testis expressed 14	TEX14	3,43	Plasma Membrane
1380164_at	AI411787	thymidine kinase 2, mitochondrial	TK2	2,82	Cytoplasm
1390709_at	AI102364	triple functional domain (PTPRF interacting)	TRIO	1,82	Plasma Membrane
1383126_at	AA998057	v-akt murine thymoma viral oncogene homolog 1	AKT1	-1,51	Cytoplasm
1397409_s_at	BE113999	WEE1 homolog (S. pombe)	WEE1	-1,84	Nucleus
1382856_at	BI295313	XRCC6 binding protein 1	XRCC6BP1	1,95	Unknown
Ligand-dependent nuclear receptor					
1368221_at	NM_012576	nuclear receptor subfamily 3, group C, member 1 (glucocorticoid receptor)	NR3C1	2,39	Nucleus
1388531_at	BF283382	progesterone receptor membrane component 2	PGRMC2	-1,90	Nucleus
1377029_at	AI235414	RAR-related orphan receptor A	RORA	2,59	Nucleus
1371668_at	BI285959	retinoid X receptor, alpha	RXRA	-2,55	Nucleus
Peptidase					
1367922_at	NM_020306	ADAM metallopeptidase domain 17	ADAM17	3,60	Plasma Membrane
1373570_at	AI411240	aminopeptidase-like 1	NPEPL1	-3,40	Unknown
1399042_at	AI228455	ATG4 autophagy related 4 homolog B (S. cerevisiae)	ATG4B	-1,75	Cytoplasm
1396386_at	BF408665	beta-site APP-cleaving enzyme 2	BACE2	3,54	Cytoplasm
1371808_at	AI012747	bleomycin hydrolase	BLMH	-2,66	Cytoplasm
1387009_at	NM_019152	calpain 1, (mu/I) large subunit	CAPN1	-2,38	Cytoplasm
1373466_at	AA946474	calpastatin	CAST	-2,16	Cytoplasm
1387503_at	NM_053526	carboxypeptidase N, polypeptide 1	CPN1	-2,74	Extracellular Space
1387818_at	NM_053736	caspase 4, apoptosis-related cysteine peptidase	CASP4	26,13	Cytoplasm
1373258_at	AI169359	cathepsin F	CTSF	-1,87	Cytoplasm
1373961_at	AI170410	chromosome 3 open reading frame 38	C3ORF38	8,19	Unknown
1383241_at	BI292425	complement component 1, r subcomponent	C1R	129,92	Extracellular Space
1387893_at	D88250	complement component 1, s subcomponent	C1S	51,49	Extracellular Space
1368000_at	NM_016994	complement component 3	C3	11,81	Extracellular Space
1389470_at	AI639117	complement factor B	CFB	28,53	Extracellular Space
1388666_at	AI179988	ectodermal-neural cortex (with BTB-like domain)	ENC1	3,10	Nucleus
1399161_a_at	AF148323	endoplasmic reticulum aminopeptidase 1	ERAP1	2,13	Extracellular Space
1368356_a_at	NM_030836	endoplasmic reticulum aminopeptidase 1	ERAP1	2,43	Extracellular Space
1387149_at	NM_030836	endoplasmic reticulum aminopeptidase 1	ERAP1	4,06	Extracellular Space
1367778_at	NM_019331	furin (paired basic amino acid cleaving enzyme)	FURIN	-1,97	Cytoplasm
1368470_at	NM_012960	gamma-glutamyl hydrolase (conjugase, folylpolyglutamyl hydrolase)	GGH	-1,57	Cytoplasm
1367478_at	AI600136	Htra serine peptidase 2	HTRA2	2,42	Cytoplasm
1388204_at	M60616	matrix metallopeptidase 13 (collagenase 3)	MMP13	4,36	Extracellular Space
1368595_at	NM_031757	matrix metallopeptidase 24 (membrane-inserted)	MMP24	-3,77	Extracellular Space
1369669_at	NM_053970	neurolysin (metallopeptidase M3 family)	NLN	4,34	Cytoplasm
1371008_at	BE099971	peptidase (mitochondrial processing) alpha	PMPCA	-2,33	Cytoplasm
1382181_at	AI555069	pigeon homolog (Drosophila)	PION	13,77	Unknown
1368234_at	NM_031324	prolyl endopeptidase	PREP	-1,64	Cytoplasm
1384323_at	BF418369	proteasome (prosome, macropain) 26S subunit, ATPase, 6	PSMC6	-1,60	Nucleus

1367710_at	NM_017257	proteasome (prosome, macropain) activator subunit 2 (PA28 beta)
1371869_at	BF282262	proteasome (prosome, macropain) subunit, alpha type, 7
1374033_at	BG373505	proteasome (prosome, macropain) subunit, beta type, 10
1367786_at	NM_080767	proteasome (prosome, macropain) subunit, beta type, 8 (large multifunctional peptidase 7)
1370186_at	AI599350	proteasome (prosome, macropain) subunit, beta type, 9 (large multifunctional peptidase 2)
1394086_at	AI069981	SUMO1/sentrin specific peptidase 7
1368665_at	NM_053418	ubiquitin fusion degradation 1 like (yeast)
1372150_at	AI229488	ubiquitin specific peptidase 10
1389034_at	BI295179	ubiquitin specific peptidase 18
1378679_at	BG372484	ubiquitin specific peptidase 25
1389091_at	AI411205	ubiquitin specific peptidase 3
1388896_at	BF404603	ubiquitin specific peptidase 33
1374940_at	BM388945	ubiquitin specific peptidase 36
1390339_at	BE099435	ubiquitin specific protease 13 (isopeptidase T-3)
1385663_at	BF567505	ubiquitin specific protease 13 (isopeptidase T-3)
1377849_at	BI284363	valosin containing protein (p97)/p47 complex interacting protein 1

Phosphatase

1388544_at	BI294941	2,3-bisphosphoglycerate mutase
1373412_at	AI409146	5'-nucleotidase, cytosolic III
1388533_at	BM390302	CTD (carboxy-terminal domain, RNA polymerase II, polypeptide A) small phosphatase 1
1372354_at	BM389898	dual specificity phosphatase 16
1368124_at	NM_133578	dual specificity phosphatase 5
1386396_at	AW528387	dual specificity phosphatase 8
1368077_at	NM_012558	fructose-1,6-bisphosphatase 1
1399125_at	BI275516	inositol polyphosphate-1-phosphatase
1388502_at	AI412624	inositol polyphosphate-5-phosphatase, 75kDa
1377422_at	AI029466	myotubularin related protein 1
1378853_at	BG377853	myotubularin related protein 14
1383619_at	BE105983	myotubularin related protein 4
1372101_at	AI177031	phosphatidic acid phosphatase type 2B
1385981_at	BF394800	plasticity related gene 1
1379374_at	AW526088	plasticity related gene 1
1386863_at	NM_031527	protein phosphatase 1, catalytic subunit, alpha isoform
1389815_at	BF547738	protein phosphatase 1, regulatory (inhibitor) subunit 14B
1375104_at	AI408517	protein phosphatase 1, regulatory (inhibitor) subunit 14B
1383191_at	BE097583	protein phosphatase 1, regulatory (inhibitor) subunit 1A
1386968_at	NM_022676	protein phosphatase 1, regulatory (inhibitor) subunit 1A
1373656_at	AI713313	protein phosphatase 1, regulatory (inhibitor) subunit 3D
1398807_at	NM_033096	protein phosphatase 1B (formerly 2C), magnesium-dependent, beta isoform
1377235_a_at	BI281643	protein phosphatase 2, regulatory subunit B', beta isoform
1369990_at	NM_022183	protein tyrosine phosphatase, mitochondrial 1
1382154_at	BI289625	protein tyrosine phosphatase, non-receptor type 12
1368361_a_at	NM_053990	protein tyrosine phosphatase, non-receptor type 2
1368087_a_at	NM_133545	protein tyrosine phosphatase, non-receptor type 21
1373419_at	AI556884	protein tyrosine phosphatase, receptor type, G
1387901_at	L19180	protein tyrosine phosphatase, receptor type, S
1391632_at	AA964568	SEC16 homolog A (S. cerevisiae)
1372460_at	AI172405	SET nuclear oncogene
1372461_at	BG381708	SET nuclear oncogene
1378508_at	BE108221	slingshot homolog 1 (Drosophila)

Transcription regulator

1369268_at	NM_012912	activating transcription factor 3
1374526_at	BF396420	ankyrin repeat and FYVE domain containing 1
1379113_at	BE119226	ankyrin repeat and SOCS box-containing 3
1371805_at	AI406508	ankyrin repeat domain 46
1373315_at	AI176425	aryl-hydrocarbon receptor nuclear translocator 2
1399156_at	AA900891	AT rich interactive domain 2 (ARID, RFX-like)
1379311_at	AI177813	AT rich interactive domain 5A (MRF1-like)

PSME2	6,00	Cytoplasm
PSMA7	2,14	Cytoplasm
PSMB10	14,31	Cytoplasm
PSMB8	211,00	Cytoplasm
PSMB9	286,06	Cytoplasm
SEN7	3,11	Nucleus
UFD1L	-2,50	Cytoplasm
USP10	-1,61	Cytoplasm
USP18	18,39	Cytoplasm
USP25	12,59	Unknown
USP3	2,05	Cytoplasm
USP33	-1,52	Cytoplasm
USP36	-1,93	Nucleus
USP13 (includes EG:310306)	-4,43	Unknown
USP13 (includes EG:310306)	-3,74	Unknown
VCPIP1	2,47	Cytoplasm
BPGM	3,10	Unknown
NT5C3	3,08	Cytoplasm
CTDSP1	-2,01	Nucleus
DUSP16	2,60	Nucleus
DUSP5	-4,45	Nucleus
DUSP8	1,65	Nucleus
FBP1	4,09	Cytoplasm
INPP1	7,43	Cytoplasm
INPP5B	3,45	Plasma Membrane
MTMR1	-1,59	Cytoplasm
MTMR14	6,56	Unknown
MTMR4	1,60	Cytoplasm
PPAP2B	4,39	Plasma Membrane
LPPR4	-5,56	Plasma Membrane
LPPR4	-3,47	Plasma Membrane
PPP1CA	-1,82	Cytoplasm
PPP1R14B	-2,58	Cytoplasm
PPP1R14B	-2,22	Cytoplasm
PPP1R1A	-4,12	Cytoplasm
PPP1R1A	-3,69	Cytoplasm
PPP1R3D	-3,57	Unknown
PPM1B	-2,09	Unknown
PPP2R5B	3,22	Cytoplasm
PTPMT1	-2,94	Cytoplasm
PTPN12	2,31	Cytoplasm
PTPN2	2,16	Cytoplasm
PTPN21	3,92	Cytoplasm
PTPRG	2,09	Plasma Membrane
PTPRS (includes EG:5802)	-1,83	Plasma Membrane
SEC16A	-1,67	Cytoplasm
SET	-1,67	Nucleus
SET	-1,54	Nucleus
SSH1	2,50	Cytoplasm
ATF3	23,27	Nucleus
ANKFY1	2,77	Nucleus
ASB3	-2,47	Nucleus
ANKRD46	-1,84	Nucleus
ARNT2	-2,14	Nucleus
ARID2	1,67	Nucleus
ARID5A	4,71	Nucleus

1382312_at	AW530903	AT rich interactive domain 5B (MRF1-like)	ARID5B	2,24	Nucleus
1387212_at	NM_012863	basic helix-loop-helix domain containing, class B, 8	BHLHB8	-2,75	Nucleus
1398482_at	AI411774	B-cell CLL/lymphoma 3	BCL3	51,59	Nucleus
1367657_at	NM_017258	B-cell translocation gene 1, anti-proliferative	BTG1	1,65	Nucleus
1373868_at	AI717547	BCL2-associated transcription factor 1	BCLAF1	1,77	Nucleus
1394359_at	BF553498	BCL2-associated transcription factor 1	BCLAF1	1,92	Nucleus
1374575_at	BI304123	cAMP responsive element binding protein 3-like 1	CREB3L1	1,73	Nucleus
1393550_at	BF564195	cAMP responsive element modulator	CREM	-3,66	Nucleus
1378925_at	AW529408	cAMP responsive element modulator	CREM	-1,79	Nucleus
1369737_at	NM_017334	cAMP responsive element modulator	CREM	-1,55	Nucleus
1368571_at	NM_021997	CAP-GLY domain containing linker protein 2	CLIP2	3,04	Cytoplasm
1379538_at	BE104961	centromere protein J	CENPJ	11,66	Nucleus
1370376_a_at	AA866458	cold shock domain protein A	CSDA	-1,95	Nucleus
1387113_at	NM_053335	C-terminal binding protein 2	CTBP2	2,40	Nucleus
1367972_at	NM_054004	cullin-associated and neddylation-dissociated 1	CAND1	-1,58	Cytoplasm
1370054_at	NM_131902	cyclin-dependent kinase inhibitor 2C (p18, inhibits CDK4)	CDKN2C	-2,04	Nucleus
1391091_at	AI406286	cyllindromatosis (turban tumor syndrome)	CYLD	2,36	Nucleus
1392958_at	AI547426	cyllindromatosis (turban tumor syndrome)	CYLD	3,35	Nucleus
1387800_at	NM_080891	death-domain associated protein	DAXX	9,10	Nucleus
1372259_at	BI295054	DEK oncogene	DEK	2,17	Nucleus
1368321_at	NM_012551	early growth response 1	EGR1	2,81	Nucleus
1373420_at	AI175479	ECSIT homolog (Drosophila)	ECSIT	-2,41	Nucleus
1372204_at	BM391843	ELK4, ETS-domain protein (SRF accessory protein 1)	ELK4	2,13	Nucleus
1393843_at	AI071911	fem-1 homolog b (C. elegans)	FEM1B	-7,68	Nucleus
1393106_x_at	BF420770	general transcription factor IIF, polypeptide 1, 74kDa	GTF2F1	-3,12	Nucleus
1388067_a_at	AF205779	glucocorticoid modulatory element binding protein 2	GMEB2	1,70	Nucleus
1373370_at	AI407467	high-mobility group 20A	HMG20A	2,45	Nucleus
1388314_at	BF281178	high-mobility group nucleosome binding domain 1	HMGN1	-2,27	Nucleus
1390208_at	BG378579	HIV-1 Tat interactive protein 2, 30kDa	HTATIP2	-2,96	Nucleus
1367816_at	NM_133621	HOP homeobox	HOPX	7,09	Nucleus
1391560_at	AI237082	human immunodeficiency virus type I enhancer binding protein 1	HIVEP1	1,97	Nucleus
1370395_at	U18650	huntingtin	HTT	1,58	Cytoplasm
1392165_at	AI071247	inhibitor of growth family, member 2	ING2	-1,99	Nucleus
1386129_at	BF523624	inhibitor of growth family, member 2	ING2	-1,76	Nucleus
1368073_at	NM_012591	interferon regulatory factor 1	IRF1	105,83	Nucleus
1398561_at	BI302791	interferon regulatory factor 2	IRF2	9,40	Nucleus
1383564_at	BF411036	interferon regulatory factor 7	IRF7	427,28	Nucleus
1372097_at	BF284262	interferon regulatory factor 8	IRF8	57,63	Nucleus
1383448_at	AI029121	interferon regulatory factor 9	IRF9	11,57	Nucleus
1376299_at	BI298889	jumonji, AT rich interactive domain 1A (Rbp2 like)	JARID1A (includes EG:312678)	-1,51	Nucleus
1369788_s_at	NM_021835	jun oncogene	JUN	6,30	Nucleus
1375205_at	Z83046	K(lysine) acetyltransferase 2B	KAT2B	3,05	Nucleus
1368363_at	NM_053394	Kruppel-like factor 5 (intestinal)	KLF5	8,85	Nucleus
1385961_at	BF561079	Kruppel-like factor 5 (intestinal)	KLF5	16,86	Nucleus
1394039_at	BM382886	Kruppel-like factor 5 (intestinal)	KLF5	17,79	Nucleus
1387060_at	NM_031642	Kruppel-like factor 6	KLF6	5,93	Nucleus
1391471_at	BE116100	Kruppel-like factor 7 (ubiquitous)	KLF7	2,14	Nucleus
1371676_at	BG380464	LAG1 homolog, ceramide synthase 5	LASS5	-2,63	Cytoplasm
1389913_at	BI276990	leucine rich repeat (in FLII) interacting protein 1	LRRFIP1	3,66	Nucleus
1368368_a_at	NM_032616	lipolysis stimulated lipoprotein receptor	LSR	1,72	Nucleus
1398344_at	BI287962	mediator complex subunit 17	MED17	3,77	Nucleus
1372269_at	AI229534	mediator complex subunit 6	MED6	-1,65	Nucleus
1384308_at	AW532697	Meis homeobox 1	MEIS1	2,22	Nucleus
1386895_at	NM_053409	melanoma antigen family D, 1	MAGED1	-2,01	Plasma Membrane
1377124_at	AA964824	metal-regulatory transcription factor 1	MTF1	1,90	Nucleus
1376810_at	AI103325	M-phase phosphoprotein 8	MPHOSPH8	5,33	Nucleus
1372090_at	AI231566	MYC associated factor X	MAX	3,22	Nucleus
1388540_at	BM390828	MYC-associated zinc finger protein (purine-binding transcription factor)	MAZ	-1,53	Nucleus

1381069_at	BF413433	myeloid/lymphoid or mixed-lineage leukemia (trithorax homolog, Drosophila)	MLL	2,47	Nucleus
1378210_at	BE114473	myeloid/lymphoid or mixed-lineage leukemia (trithorax homolog, Drosophila)	MLL	2,49	Nucleus
1375793_at	BI295700	myeloid/lymphoid or mixed-lineage leukemia (trithorax homolog, Drosophila)	MLL	3,07	Nucleus
1378211_s_at	BE114473	myeloid/lymphoid or mixed-lineage leukemia (trithorax homolog, Drosophila)	MLL	3,76	Nucleus
1388701_at	AI555336	myeloid/lymphoid or mixed-lineage leukemia (trithorax homolog, Drosophila); translocated to, 6	MLLT6	7,52	Nucleus
1392770_at	BF415817	neogenin homolog 1 (chicken)	NEO1	-2,01	Plasma Membrane
1378359_at	AI072632	NFKB repressing factor	NKRF	-2,01	Nucleus
1369409_at	NM_022856	NGFI-A binding protein 1 (EGR1 binding protein 1)	NAB1	1,97	Nucleus
1393172_at	AA848648	NGFI-A binding protein 1 (EGR1 binding protein 1)	NAB1	2,75	Nucleus
1391527_at	BE109296	NGFI-A binding protein 2 (EGR1 binding protein 2)	NAB2	2,22	Nucleus
1368998_at	NM_031737	NK6 homeobox 1	NKX6-1	-2,03	Nucleus
1393144_at	BM388202	N-myc (and STAT) interactor	NMI	12,69	Cytoplasm
1381875_at	BM386847	N-myc (and STAT) interactor	NMI	18,04	Cytoplasm
1390426_at	BF389398	Notch homolog 1, translocation-associated (Drosophila)	NOTCH1	4,96	Plasma Membrane
1370968_at	AA858801	nuclear factor of kappa light polypeptide gene enhancer in B-cells 1	NFKB1	17,76	Nucleus
1375989_a_at	AI170362	nuclear factor of kappa light polypeptide gene enhancer in B-cells 2 (p49/p100)	NFKB2	18,22	Nucleus
1367943_at	NM_030867	nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor, beta	NFKBIB	5,78	Nucleus
1376835_at	BI293600	nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor, epsilon	NFKBIE (includes EG:4794)	41,27	Nucleus
1378032_at	AI176265	nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor, zeta	NFKBIZ	9,86	Nucleus
1382082_at	AI145337	nuclear transcription factor Y, beta	NFYB	1,82	Nucleus
1398756_at	J04943	nucleophosmin 1	NPM1 (includes EG:18148)	-1,57	Nucleus
1369516_at	NM_022852	pancreatic and duodenal homeobox 1	PDX1 (includes EG:29535)	-2,04	Cytoplasm
1390531_at	BE098021	peroxisomal proliferator-activated receptor A interacting complex 285	PRIC285 (includes EG:85441)	13,44	Nucleus
1377662_at	AI176041	pirin (iron-binding nuclear protein)	PIR	-4,13	Nucleus
1387122_at	NM_012760	pleiomorphic adenoma gene-like 1	PLAGL1	-3,88	Nucleus
1384265_at	BI278347	polymerase (DNA-directed), delta 3, accessory subunit	POLD3	1,53	Nucleus
1370995_at	AW528459	POU class 2 homeobox 1	POU2F1	1,91	Nucleus
1367926_at	NM_031851	prohibitin	PHB (includes EG:25344)	-1,52	Cytoplasm
1367463_at	AI235510	prohibitin 2	PHB2	-2,10	Cytoplasm
1388353_at	BI296168	proliferation-associated 2G4, 38kDa	PA2G4	-2,47	Nucleus
1374532_at	AI704291	prostaglandin E synthase 2	PTGES2	-1,67	Cytoplasm
1387120_at	NM_031595	proteasome (prosome, macropain) 26S subunit, ATPase, 3	PSMC3	-2,00	Nucleus
1367833_at	NM_031149	proteasome (prosome, macropain) 26S subunit, ATPase, 5	PSMC5	-2,36	Nucleus
1387784_at	NM_053925	proteasome (prosome, macropain) 26S subunit, non-ATPase, 10	PSMD10	1,80	Cytoplasm
1372485_at	BF281220	pterin-4 alpha-carbinolamine dehydratase/dimerization cofactor of hepatocyte nuclear factor 1 alpha	PCBD1	-2,56	Nucleus
1391550_at	BE108780	RAD54-like 2 (S. cerevisiae)	RAD54L2	2,61	Nucleus
1384937_at	AI715121	RB-associated KRAB zinc finger	RBAK	-3,07	Nucleus
1383349_at	BE115594	regulatory factor X, 5 (influences HLA class II expression)	RFX5	5,91	Nucleus
1389515_at	AW251269	regulatory factor X-associated ankyrin-containing protein	RFXANK	-2,08	Nucleus
1377622_at	AI717078	remodeling and spacing factor 1	RSF1	-1,62	Nucleus
1398993_at	AI045458	RNA binding motif protein 39	RBM39	1,59	Nucleus
1381162_at	AI136863	septin 10	SEPT10	2,08	Cytoplasm
1372757_at	BM386875	signal transducer and activator of transcription 1, 91kDa	STAT1	8,27	Nucleus
1368835_at	AW434718	signal transducer and activator of transcription 1, 91kDa	STAT1	19,51	Nucleus
1387354_at	NM_032612	signal transducer and activator of transcription 1, 91kDa	STAT1	23,80	Nucleus
1373670_at	AA799569	signal transducer and activator of transcription 2, 113kDa	STAT2	22,18	Nucleus
1389571_at	BG666368	signal transducer and activator of transcription 2, 113kDa	STAT2	25,50	Nucleus
1370224_at	BE113920	signal transducer and activator of transcription 3 (acute-phase response factor)	STAT3	2,86	Nucleus
1371781_at	BI285863	signal transducer and activator of transcription 3 (acute-phase response factor)	STAT3	2,96	Nucleus
1368517_at	NM_053358	single stranded DNA binding protein 3	SSBP3	2,05	Nucleus
1389373_at	AI029555	SMAD family member 1	SMAD1	2,91	Nucleus
1386984_at	NM_019275	SMAD family member 4	SMAD4	1,74	Nucleus
1390373_at	BE107528	SMAD family member 5	SMAD5	-2,05	Nucleus
1373993_at	AA799470	small nuclear RNA activating complex, polypeptide 5, 19kDa	SNAPC5	-1,68	Nucleus
1374838_at	BI293504	SP140 nuclear body protein	SP140	15,22	Nucleus
1374682_at	BM383170	SRY (sex determining region Y)-box 13	SOX13	2,41	Nucleus
1384000_at	BF560932	SRY (sex determining region Y)-box 4	SOX4	-2,12	Nucleus
1371718_at	BI283124	steroid receptor RNA activator 1	SRA1	-1,95	Nucleus

1370159_at	AB003505	SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily d, member 2	SMARCD2	3,04	Nucleus
1398963_at	BM392226	TAF10 RNA polymerase II, TATA box binding protein (TBP)-associated factor, 30kDa	TAF10	-2,64	Nucleus
1380283_at	BF411100	teashirt zinc finger homeobox 1	TSHZ1	-2,33	Nucleus
1383573_at	BE117444	teashirt zinc finger homeobox 1	TSHZ1	-1,69	Nucleus
1373421_at	BM392224	TGFB-induced factor homeobox 1	TGIF1	4,20	Nucleus
1391212_at	BF418812	transcription elongation factor A (SII)-like 1	TCEAL1	-2,15	Nucleus
1392592_at	AI137045	transcription factor 7-like 2 (T-cell specific, HMG-box)	TCF7L2 (includes EG:6934)	6,25	Nucleus
1367941_at	NM_031326	transcription factor A, mitochondrial	TFAM	-1,53	Cytoplasm
1390662_at	AW435169	tripartite motif-containing 24	TRIM24	2,51	Nucleus
1377726_at	BI293740	tripartite motif-containing 25	TRIM25	7,73	Cytoplasm
1389163_at	BG372673	tripartite motif-containing 32	TRIM32	-2,23	Nucleus
1371550_at	AW533431	TSC22 domain family, member 4	TSC22D4	2,32	Nucleus
1367831_at	NM_030989	tumor protein p53	TP53	2,79	Nucleus
1367693_at	NM_013052	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, eta polypeptide	YWHAH	1,91	Cytoplasm
1398897_at	AI411988	ubiquitin-conjugating enzyme E2 variant 1	UBE2V1	1,50	Nucleus
1375043_at	BF415939	v-fos FBJ murine osteosarcoma viral oncogene homolog	FOS	-3,03	Nucleus
1380229_at	AW530004	v-maf musculoaponeurotic fibrosarcoma oncogene homolog F (avian)	MAFF	9,31	Nucleus
1372211_at	BI284461	v-maf musculoaponeurotic fibrosarcoma oncogene homolog K (avian)	MAFK	2,88	Nucleus
1372853_at	BF283772	v-rel reticuloendotheliosis viral oncogene homolog A (avian)	RELA	3,09	Nucleus
1375122_at	AI233235	YY1 associated factor 2	YAF2	1,50	Nucleus
1370965_at	BG381660	zinc finger E-box binding homeobox 1	ZEB1	6,70	Nucleus
1393834_at	BF402667	zinc finger protein 141	ZNF141	2,93	Nucleus
1381998_at	AW519820	zinc finger protein 148	ZNF148	-1,58	Nucleus
1388779_at	BG381516	zinc finger protein 180	ZNF180	-1,58	Nucleus
1382158_at	BF557889	zinc finger protein 202	ZNF202	2,86	Nucleus
1387870_at	AB025017	zinc finger protein 36, C3H type, homolog (mouse)	ZFP36	19,57	Nucleus
1373106_at	AI178069	zinc finger protein 36, C3H type-like 2	ZFP36L2	1,54	Nucleus
1379461_at	BE120147	zinc finger protein 445	ZNF445	1,56	Nucleus
Translation regulator					
1383558_at	BI290282	eukaryotic elongation factor, selenocysteine-tRNA-specific	EEFSEC	-2,91	Cytoplasm
1388134_at	BG380216	eukaryotic translation elongation factor 1 delta (guanine nucleotide exchange protein)	EEF1D	-1,71	Cytoplasm
1367713_at	NM_019356	eukaryotic translation initiation factor 2, subunit 1 alpha, 35kDa	EIF2S1	-2,54	Cytoplasm
1370311_at	U05821	eukaryotic translation initiation factor 2B, subunit 1 alpha, 26kDa	EIF2B1	-1,60	Cytoplasm
1386970_at	NM_053950	eukaryotic translation initiation factor 2B, subunit 4 delta, 67kDa	EIF2B4	-1,57	Cytoplasm
1368867_at	BF281131	eukaryotic translation initiation factor 2C, 2	EIF2C2	2,20	Cytoplasm
1397674_at	AI502930	eukaryotic translation initiation factor 3, subunit C	EIF3C	-1,82	Cytoplasm
1372735_at	BI283109	eukaryotic translation initiation factor 3, subunit K	EIF3K	-1,64	Cytoplasm
1367537_at	AI012479	eukaryotic translation initiation factor 4E nuclear import factor 1	EIF4ENIF1	1,70	Cytoplasm
1377249_at	AW526060	G1 to S phase transition 2	GSPT2	-3,85	Cytoplasm
1398902_at	BF282978	KIAA0664	KIAA0664	-2,10	Cytoplasm
1399058_at	BI288800	mitochondrial ribosomal protein L18	MRPL18	-2,47	Cytoplasm
1398620_at	BF397903	sterile alpha motif domain containing 4A	SAMD4A	11,91	Cytoplasm
1371962_at	AI412102	Tu translation elongation factor, mitochondrial	TUFM	-2,84	Cytoplasm
Transmembrane receptor					
1367595_s_at	NM_012512	beta-2-microglobulin	B2M	2,13	Plasma Membrane
1371440_at	AW916647	beta-2-microglobulin	B2M	9,63	Plasma Membrane
1377698_at	AW433947	CD40 molecule, TNF receptor superfamily member 5	CD40	947,69	Plasma Membrane
1384837_at	AI137672	CD69 molecule	CD69	92,21	Plasma Membrane
1367679_at	NM_013069	CD74 molecule, major histocompatibility complex, class II invariant chain	CD74	49,92	Plasma Membrane
1371429_at	BF281192	dystroglycan 1 (dystrophin-associated glycoprotein 1)	DAG1	-2,98	Plasma Membrane
1384842_s_at	AI231531	Fas (TNF receptor superfamily, member 6)	FAS	7,65	Plasma Membrane
1378160_at	AI179412	ferric-chelate reductase 1	FRRS1	-1,56	Plasma Membrane
1387039_at	NM_030828	glypican 1	GPC1	-3,78	Plasma Membrane
1373803_a_at	AI170771	growth hormone receptor	GHR	-1,58	Plasma Membrane
1387202_at	NM_012967	intercellular adhesion molecule 1	ICAM1	541,52	Plasma Membrane
1374601_at	BI274482	interferon gamma receptor 2 (interferon gamma transducer 1)	IFNGR2	4,22	Plasma Membrane
1383616_at	AA997562	interleukin 10 receptor, beta	IL10RB	14,72	Plasma Membrane
1388711_at	BF282650	interleukin 13 receptor, alpha 1	IL13RA1	3,10	Plasma Membrane

1387946_at	AF065438	lectin, galactoside-binding, soluble, 3 binding protein	LGALS3BP	14,63	Plasma Membrane
1370463_x_at	U50449	major histocompatibility complex, class I, C	HLA-C	2,47	Plasma Membrane
1388071_x_at	M24024	major histocompatibility complex, class I, C	HLA-C	4,42	Plasma Membrane
1370972_x_at	BI300597	major histocompatibility complex, class I, C	HLA-C	6,40	Plasma Membrane
1370428_x_at	AJ249701	major histocompatibility complex, class I, C	HLA-C	6,40	Plasma Membrane
1371171_at	M10094	major histocompatibility complex, class I, C	HLA-C	7,67	Plasma Membrane
1369110_x_at	NM_012645	major histocompatibility complex, class I, C	HLA-C	10,62	Plasma Membrane
1370429_at	L40362	major histocompatibility complex, class I, C	HLA-C	11,45	Plasma Membrane
1371078_at	AI500830	major histocompatibility complex, class I, C	HLA-C	19,22	Plasma Membrane
1397859_x_at	BI291927	major histocompatibility complex, class I, C	HLA-C	23,44	Plasma Membrane
1371123_x_at	AJ243973	major histocompatibility complex, class I, E	HLA-E	51,75	Plasma Membrane
1388212_a_at	AJ243974	major histocompatibility complex, class I, E	HLA-E	54,93	Plasma Membrane
1388164_at	AF029241	major histocompatibility complex, class I, E	HLA-E	79,40	Plasma Membrane
1388213_a_at	AJ243973	major histocompatibility complex, class I, E	HLA-E	126,89	Plasma Membrane
1387205_at	NM_022921	major histocompatibility complex, class I, G	HLA-G	11,50	Plasma Membrane
1370883_at	Y00480	major histocompatibility complex, class II, DR alpha	HLA-DRA	6,40	Plasma Membrane
1376362_at	BG380575	neuronal pentraxin receptor	NPTXR	-2,61	Plasma Membrane
1370177_at	AI548856	poliovirus receptor	PVR	19,86	Plasma Membrane
1389804_at	BF392605	RELT tumor necrosis factor receptor	RELT	7,96	Plasma Membrane
1368901_at	BG666306	thrombomodulin	THBD	-4,68	Plasma Membrane
1376327_at	AI169601	tumor necrosis factor receptor superfamily, member 14 (herpesvirus entry mediator)	TNFRSF14	71,65	Plasma Membrane
1367715_at	NM_013091	tumor necrosis factor receptor superfamily, member 1A	TNFRSF1A	1,51	Plasma Membrane
1384506_at	H33706	unc-5 homolog C (C. elegans)	UNC5C	8,70	Plasma Membrane
Transporter					
1368869_at	BG663107	A kinase (PRKA) anchor protein 12	AKAP12	17,53	Cytoplasm
1371858_at	BM385719	adaptor-related protein complex 1, sigma 1 subunit	AP1S1	-1,62	Cytoplasm
1369982_at	NM_031008	adaptor-related protein complex 2, alpha 2 subunit	AP2A2	-1,95	Cytoplasm
1368062_at	NM_133593	adaptor-related protein complex 3, mu 1 subunit	AP3M1	-1,61	Cytoplasm
1368246_at	NM_133305	adaptor-related protein complex 3, mu 2 subunit	AP3M2	2,11	Cytoplasm
1372628_at	AA800277	adaptor-related protein complex 4, sigma 1 subunit	AP4S1	-1,54	Cytoplasm
1370364_at	U35776	ADP-ribosylation factor GTPase activating protein 1	ARFGAP1	-2,19	Cytoplasm
1369249_at	NM_053714	ankylosis, progressive homolog (mouse)	ANKH	-7,74	Plasma Membrane
1385709_x_at	AW529028	ankylosis, progressive homolog (mouse)	ANKH	-4,87	Plasma Membrane
1386344_at	BG662519	ankylosis, progressive homolog (mouse)	ANKH	-4,66	Plasma Membrane
1393439_a_at	AI045767	ankylosis, progressive homolog (mouse)	ANKH	-3,50	Plasma Membrane
1394202_x_at	AI176117	ankylosis, progressive homolog (mouse)	ANKH	-1,91	Plasma Membrane
1372604_at	BI289459	apolipoprotein L, 3	APOL3 (includes EG:80833)	47,18	Cytoplasm
1372142_at	AI406558	arsA arsenite transporter, ATP-binding, homolog 1 (bacterial)	ASNA1	-1,89	Nucleus
1367599_at	NM_017311	ATP synthase, H+ transporting, mitochondrial F0 complex, subunit C1 (subunit 9)	ATP5G1	-1,79	Cytoplasm
1370278_at	U00926	ATP synthase, H+ transporting, mitochondrial F1 complex, delta subunit	ATP5D	-2,09	Cytoplasm
1370276_at	D13127	ATP synthase, H+ transporting, mitochondrial F1 complex, O subunit	ATP5O	-2,06	Cytoplasm
1398862_at	J04024	ATPase, Ca++ transporting, cardiac muscle, slow twitch 2	ATP2A2	-2,98	Cytoplasm
1370426_a_at	AI175492	ATPase, Ca++ transporting, cardiac muscle, slow twitch 2	ATP2A2	-1,91	Cytoplasm
1397224_at	AW534277	ATPase, Ca++ transporting, plasma membrane 1	ATP2B1	-1,67	Plasma Membrane
1370925_at	BG380816	ATPase, class II, type 9B	ATP9B	-2,12	Cytoplasm
1370464_at	AF286167	ATP-binding cassette, sub-family B (MDR/TAP), member 1	ABCB1	1,91	Plasma Membrane
1370465_at	AF257746	ATP-binding cassette, sub-family B (MDR/TAP), member 1	ABCB1	6,31	Plasma Membrane
1368057_at	NM_012804	ATP-binding cassette, sub-family D (ALD), member 3	ABCD3	-2,09	Cytoplasm
1371456_at	BI281218	ATP-binding cassette, sub-family F (GCN20), member 3	ABCF3	-1,65	Unknown
1368103_at	NM_053502	ATP-binding cassette, sub-family G (WHITE), member 1	ABCG1	1,94	Plasma Membrane
1373995_at	AW523571	ATP-binding cassette, sub-family G (WHITE), member 1	ABCG1	2,59	Plasma Membrane
1379717_at	BM385804	ATP-binding cassette, sub-family G (WHITE), member 3	ABCG3	20,04	Plasma Membrane
1388358_at	AW252650	electron-transfer-flavoprotein, beta polypeptide	ETFB	-2,01	Cytoplasm
1387369_at	NM_019277	exocyst complex component 6	EXOC6	6,94	Unknown
1389063_at	BG378160	exportin 6	XPO6	2,67	Cytoplasm
1376177_at	AI179609	family with sequence similarity 117, member A	FAM117A	-2,11	Unknown
1368336_at	NM_017126	ferredoxin 1	FDX1	-1,91	Cytoplasm
1389827_at	AI408556	ferredoxin 1	FDX1	-1,81	Cytoplasm

1372408_at	BI278620	golgi associated, gamma adaptin ear containing, ARF binding protein 2	GGA2	-2,56	Cytoplasm
1374900_at	BM388807	golgi SNAP receptor complex member 2	GOSR2	-2,39	Cytoplasm
1375438_at	AA964687	golgi SNAP receptor complex member 2	GOSR2	-1,81	Cytoplasm
1368289_at	AA944965	group-specific component (vitamin D binding protein)	GC	-1,66	Extracellular Space
1370065_at	NM_053318	hemopexin	HPX	12,10	Extracellular Space
1388918_at	BG378074	high density lipoprotein binding protein	HDLBP	-1,55	Nucleus
1384244_at	AA964752	hydroxysteroid dehydrogenase like 2	HSDL2	1,60	Cytoplasm
1374135_at	AI233262	importin 4	IPO4	-1,55	Nucleus
1382756_at	AI101822	karyopherin alpha 1 (importin alpha 5)	KPNA1	-1,78	Nucleus
1367683_at	NM_053483	karyopherin alpha 2 (RAG cohort 1, importin alpha 1)	KPNA2	-1,77	Nucleus
1373116_at	AA945320	karyopherin alpha 3 (importin alpha 4)	KPNA3	1,75	Nucleus
1373722_at	BE111697	kinesin family member 20A	KIF20A	-1,77	Cytoplasm
1372520_at	AI172056	myeloid cell leukemia sequence 1 (BCL2-related)	MCL1	2,50	Cytoplasm
1398782_at	NM_080585	N-ethylmaleimide-sensitive factor attachment protein, alpha	NAPA	-1,56	Cytoplasm
1374210_at	BM383870	non-SMC element 1 homolog (S. cerevisiae)	NSMCE1	1,75	Nucleus
1379476_at	AA963457	nucleoporin 35kDa	NUP35	-2,13	Nucleus
1376703_at	AI501977	nucleoporin 37kDa	NUP37	-2,12	Nucleus
1388909_at	AA891742	oxidoreductase NAD-binding domain containing 1	OXNAD1	-1,97	Unknown
1374638_at	AI012951	peroxisomal biogenesis factor 13	PEX13	-1,57	Cytoplasm
1398806_at	NM_017231	phosphatidylinositol transfer protein, alpha	PITPNA	-2,03	Cytoplasm
1387399_at	NM_020098	piccolo (presynaptic cytomatrix protein)	PCLO	-5,96	Cytoplasm
1367939_at	NM_012733	retinol binding protein 1, cellular	RBP1	2,15	Extracellular Space
1389024_at	BG380647	sec1 family domain containing 2	SCFD2	-2,18	Unknown
1389383_at	BI289855	SEC24 family, member A (S. cerevisiae)	SEC24A	3,24	Cytoplasm
1372715_at	AA819349	sideroflexin 1	SFXN1	-2,64	Cytoplasm
1387008_at	NM_022948	sideroflexin 3	SFXN3	-2,60	Cytoplasm
1370367_at	D63772	solute carrier family 1 (neuronal/epithelial high affinity glutamate transporter, system Xag), member 1	SLC1A1	7,78	Plasma Membrane
1374885_at	AI172278	solute carrier family 12 (potassium/chloride transporters), member 6	SLC12A6	-2,12	Plasma Membrane
1371525_at	BI277550	solute carrier family 12 (potassium/chloride transporters), member 7	SLC12A7	1,98	Plasma Membrane
1367853_at	NM_031798	solute carrier family 12 (sodium/potassium/chloride transporters), member 2	SLC12A2	-2,84	Plasma Membrane
1370548_at	AB047324	solute carrier family 16, member 10 (aromatic amino acid transporter)	SLC16A10	-2,71	Plasma Membrane
1390036_at	BI289867	solute carrier family 16, member 6 (monocarboxylic acid transporter 7)	SLC16A6	4,55	Plasma Membrane
1387228_at	NM_012879	solute carrier family 2 (facilitated glucose transporter), member 2	SLC2A2	-2,63	Plasma Membrane
1370314_at	AB000489	solute carrier family 20 (phosphate transporter), member 1	SLC20A1	2,64	Plasma Membrane
1384368_at	AA900084	solute carrier family 25 (mitochondrial carrier; Graves disease autoantigen), member 16	SLC25A16	-1,87	Cytoplasm
1370060_at	NM_022398	solute carrier family 25 (mitochondrial carrier; oxoglutarate carrier), member 11	SLC25A11	-1,85	Cytoplasm
1372538_at	BM389148	solute carrier family 25 (mitochondrial carrier; peroxisomal membrane protein, 34kDa), member 17	SLC25A17	-2,71	Cytoplasm
1371754_at	AI177358	solute carrier family 25 (mitochondrial carrier; phosphate carrier), member 25	SLC25A25	-1,85	Cytoplasm
1372341_at	AI233213	solute carrier family 25, member 36	SLC25A36	-1,91	Unknown
1370357_at	Y16774	solute carrier family 30 (zinc transporter), member 4	SLC30A4	-2,34	Cytoplasm
1388982_at	BM389066	solute carrier family 30 (zinc transporter), member 9	SLC30A9	-1,85	Nucleus
1384413_at	AA900068	solute carrier family 35, member A5	SLC35A5	3,21	Unknown
1386960_at	NM_031589	solute carrier family 37 (glucose-6-phosphate transporter), member 4	SLC37A4	-4,94	Cytoplasm
1382076_at	AA955403	solute carrier family 37 (glycerol-3-phosphate transporter), member 1	SLC37A1	2,98	Plasma Membrane
1372778_at	AA799420	solute carrier family 39 (zinc transporter), member 1	SLC39A1	2,84	Plasma Membrane
1373984_at	AA850715	solute carrier family 39 (zinc transporter), member 14	SLC39A14	-2,67	Plasma Membrane
1368082_at	NM_017048	solute carrier family 4, anion exchanger, member 2 (erythrocyte membrane protein band 3-like 1)	SLC4A2	-1,60	Plasma Membrane
1373326_at	AI716512	solute carrier family 4, sodium bicarbonate transporter, member 10	SLC4A10	-2,05	Unknown
1376972_at	AI407028	solute carrier family 40 (iron-regulated transporter), member 1	SLC40A1	-3,70	Plasma Membrane
1368480_at	NM_053492	solute carrier family 44, member 1	SLC44A1	2,40	Plasma Membrane
1382145_at	AW531444	solute carrier family 7 (cationic amino acid transporter, y+ system), member 4	SLC7A4	-2,72	Plasma Membrane
1387057_at	NM_053442	solute carrier family 7 (cationic amino acid transporter, y+ system), member 8	SLC7A8	-2,33	Plasma Membrane
1377457_a_at	AA850618	sortilin-related receptor, L(DLR class) A repeats-containing	SORL1	-1,89	Plasma Membrane
1390710_x_at	AA850618	sortilin-related receptor, L(DLR class) A repeats-containing	SORL1	-1,55	Plasma Membrane
1383653_at	BG374126	sorting nexin 11	SNX11	3,58	Unknown
1372656_at	BI282899	sorting nexin 15	SNX15	2,01	Cytoplasm
1377603_at	BF284123	sorting nexin 24	SNX24	2,12	Unknown
1381625_at	AI146135	sorting nexin 24	SNX24	3,17	Unknown

1373305_at	BI280349	sorting nexin 4		SNX4	2,12	Cytoplasm
1387051_at	NM_053436	staufen, RNA binding protein, homolog 1 (Drosophila)		STAU1	-1,68	Cytoplasm
1390196_at	BG378858	synapsin I		SYN1	3,56	Plasma Membrane
1383399_at	AI574728	synaptic vesicle glycoprotein 2A		SV2A	-3,27	Cytoplasm
1387073_at	NM_030991	synaptosomal-associated protein, 25kDa		SNAP25	-1,56	Plasma Membrane
1375877_at	AI454612	synaptotagmin IV		SYT4	-1,58	Cytoplasm
1374427_at	AI144986	synaptotagmin XIII		SYT13	-2,25	Unknown
1388556_at	BG381589	syntaxin 6		STX6	2,57	Cytoplasm
1369726_at	NM_033098	TAP binding protein (tapasin)		TAPBP	4,27	Cytoplasm
1372092_at	BI278968	trafficking protein, kinesin binding 2		TRAK2	-2,73	Plasma Membrane
1398868_at	AI408157	translocase of inner mitochondrial membrane 13 homolog (yeast)		TIMM13	-1,72	Cytoplasm
1370304_at	AB006450	translocase of inner mitochondrial membrane 17 homolog A (yeast)		TIMM17A (includes EG:10440)	-3,44	Cytoplasm
1370353_at	AF223951	translocase of inner mitochondrial membrane 22 homolog (yeast)		TIMM22	-2,23	Cytoplasm
1375565_at	BF420723	translocase of inner mitochondrial membrane 22 homolog (yeast)		TIMM22	-1,77	Cytoplasm
1367808_at	NM_022541	translocase of inner mitochondrial membrane 8 homolog B (yeast)		TIMM8B	-1,77	Cytoplasm
1388136_at	BF282660	translocase of inner mitochondrial membrane 9 homolog (yeast)		TIMM9	-3,89	Cytoplasm
1390432_at	AA997338	transmembrane and coiled-coil domains 3		TMCO3	-2,42	Unknown
1388149_at	X57523	transporter 1, ATP-binding cassette, sub-family B (MDR/TAP)		TAP1	217,33	Cytoplasm
1368732_at	NM_032056	transporter 2, ATP-binding cassette, sub-family B (MDR/TAP)		TAP2	70,00	Cytoplasm
1368669_at	NM_019354	uncoupling protein 2 (mitochondrial, proton carrier)		UCP2	-2,47	Cytoplasm
1382099_at	BI289595	vacuolar protein sorting 26 homolog A (S. pombe)		VPS26A	1,97	Cytoplasm
1379273_at	BE109836	vacuolar protein sorting 26 homolog B (S. pombe)		VPS26B	-3,57	Cytoplasm
1387455_a_at	NM_013155	very low density lipoprotein receptor		VLDLR	-2,01	Plasma Membrane
			Other			
1391754_at	BM391818	2'-5' oligoadenylate synthetase 11		OAS11	7,76	Unknown
1378345_at	BF389196	2-oxoglutarate and iron-dependent oxygenase domain containing 1		OGFOD1	-2,05	Unknown
1388631_at	AI177093	5-azacytidine induced 2		AZI2	2,27	Cytoplasm
1382206_a_at	BF398063	A kinase (PRKA) anchor protein 2		AKAP2	16,59	Cytoplasm
1389496_at	BI300893	A kinase (PRKA) anchor protein 7		AKAP7	-3,87	Plasma Membrane
1394895_at	AI548194	Abelson helper integration site 1		AHI1	-1,51	Unknown
1389189_at	BF555956	actinin, alpha 1		ACTN1	2,19	Cytoplasm
1373048_at	AI177051	actin-related protein 10 homolog (S. cerevisiae)		ACTR10	-1,55	Cytoplasm
1370043_at	NM_031753	activated leukocyte cell adhesion molecule		ALCAM	2,55	Plasma Membrane
1388487_at	AI600061	adducin 1 (alpha)		ADD1	-1,71	Cytoplasm
1371907_at	BE101624	ADP-ribosylation-like factor 6 interacting protein 4		ARL6IP4	-2,68	Nucleus
1370307_at	M64780	agrin		AGRN	20,72	Plasma Membrane
1371703_at	AI407114	AHNAK nucleoprotein		AHNAK	42,61	Nucleus
1398612_at	BM383010	aldo-keto reductase family 1, member C12		AKR1C12 (includes EG:361266)	-1,85	Unknown
1378475_at	BF396428	amyloid beta precursor protein (cytoplasmic tail) binding protein 2		APPBP2	-4,01	Cytoplasm
1383091_at	BE113611	amyloid beta precursor protein (cytoplasmic tail) binding protein 2		APPBP2	-3,07	Cytoplasm
1375880_at	AI170384	amyloid beta precursor protein (cytoplasmic tail) binding protein 2		APPBP2	-1,82	Cytoplasm
1371627_at	BI277433	angiomotin like 1		AMOTL1	-2,97	Plasma Membrane
1383018_at	BF420082	angiopoietin-like 6		ANGPTL6	3,71	Extracellular Space
1373351_at	BI286775	ankyrin 2, neuronal		ANK2	2,67	Plasma Membrane
1377811_at	AI577496	ankyrin repeat domain 12		ANKRD12	2,09	Nucleus
1386097_at	AW527230	ankyrin repeat domain 12		ANKRD12	2,12	Nucleus
1388445_at	BF287964	annexin A11		ANXA11	2,03	Nucleus
1376496_at	AI717736	apolipoprotein L 9a		APOL9A (includes EG:503164)	37,49	Unknown
1369197_at	NM_023979	apoptotic peptidase activating factor 1		APAF1	3,75	Cytoplasm
1388941_at	AI172403	archaelysin family metallopeptidase 2		AMZ2	-2,61	Unknown
1382330_at	BE116838	ArfGAP with SH3 domain, ankyrin repeat and PH domain 2		ASAP2	-1,80	Nucleus
1373156_at	AI385330	armadillo repeat containing, X-linked 2		ARMCX2	-2,07	Unknown
1392422_at	AI236397	asparagine-linked glycosylation 9, alpha-1,2-mannosyltransferase homolog (S. cerevisiae)		ALG9	-1,90	Cytoplasm
1398874_at	BI274345	ataxin 10		ATXN10	-1,78	Cytoplasm
1379561_at	AW433567	ATPase family, AAA domain containing 1		ATAD1	4,07	Unknown
1393217_at	BF282804	ATP-binding cassette, sub-family G (WHITE), member 3-like 1		ABC3L1	14,39	Unknown
1375941_at	BI292120	BAIL-associated protein 2-like 1		BALAP2L1	2,72	Cytoplasm
1373846_at	BF408064	basic transcription factor 3-like 4		BTF3L4	-1,52	Unknown

1393641_at	AA925583	B-cell linker	BLNK	11,65	Cytoplasm
1382993_at	AI236152	BCL2 binding component 3	BBC3	2,68	Cytoplasm
1386978_at	NM_080888	BCL2/adenovirus E1B 19kDa interacting protein 3-like	BNIP3L	-1,88	Cytoplasm
1367898_at	AF441118	BCL2/adenovirus E1B 19kDa interacting protein 3-like	BNIP3L	-1,50	Cytoplasm
1368066_at	NM_053812	BCL2-antagonist/killer 1	BAK1	5,77	Cytoplasm
1376261_at	BI282898	BCL2-associated athanogene 5	BAG5	-2,08	Unknown
1393707_at	AW527957	BCL2-like 2	BCL2L2	-2,00	Cytoplasm
1371811_at	BI278232	Bernardinelli-Seip congenital lipodystrophy 2 (seipin)	BSCL2	-3,90	Cytoplasm
1388733_at	AI177631	bifunctional apoptosis regulator	BFAR	1,55	Cytoplasm
1392910_at	AA859968	block of proliferation 1	BOP1	-1,61	Nucleus
1370823_at	AF387513	BMP and activin membrane-bound inhibitor homolog (Xenopus laevis)	BAMBI	-3,47	Plasma Membrane
1383829_at	BF392234	bobby sox homolog (Drosophila)	BBX	2,87	Nucleus
1390738_at	BM385476	bone marrow stromal cell antigen 2	BST2	7,45	Plasma Membrane
1398350_at	BG380454	brain abundant, membrane attached signal protein 1	BASP1	1,66	Plasma Membrane
1388802_at	AI579422	brain expressed gene 1	BEX1 (includes EG:19716)	-2,38	Unknown
1382467_at	C07140	brain expressed gene 1	BEX1 (includes EG:19716)	-1,83	Unknown
1376333_at	BI275800	BTB (POZ) domain containing 1	BTBD1	-1,63	Cytoplasm
1381974_at	AI101499	BTB (POZ) domain containing 3	BTBD3	-2,66	Unknown
1373179_at	BI300727	BTB (POZ) domain containing 8	BTBD8 (includes EG:284697)	-5,03	Unknown
1368072_at	NM_019290	BTG family, member 3	BTG3	-1,88	Nucleus
1389200_at	AA851296	bystin-like	BYSL	-2,47	Cytoplasm
1390754_at	BF412921	Ca ⁺⁺ -dependent secretion activator	CADPS	5,07	Plasma Membrane
1390865_at	AW524822	Ca ⁺⁺ -dependent secretion activator 2	CADPS2	3,83	Plasma Membrane
1386947_at	NM_031334	cadherin 1, type 1, E-cadherin (epithelial)	CDH1	2,52	Plasma Membrane
1370562_at	M11596	calcitonin-related polypeptide, beta	CALCB (includes EG:116903)	7,96	Extracellular Space
1387086_at	NM_053334	calcium modulating ligand	CAMLG	-5,94	Cytoplasm
1388659_at	BI295783	calcium regulated heat stable protein 1, 24kDa	CARHSP1	2,41	Cytoplasm
1368101_at	NM_012518	calmodulin 3 (phosphorylase kinase, delta)	CALM3	-2,31	Plasma Membrane
1389598_at	BI280367	calmodulin-like 4	CALML4	-2,84	Unknown
1372584_at	BG672517	cannabinoid receptor interacting protein 1	CNRIP1	-1,57	Unknown
1375345_at	AW919569	canopy 2 homolog (zebrafish)	CNPY2	-2,00	Plasma Membrane
1375854_at	AI175992	catenin, beta interacting protein 1	CTNBP1	-3,37	Cytoplasm
1382603_at	AW521319	CD274 molecule	CD274	21,49	Plasma Membrane
1379269_at	BM385296	CD2-associated protein	CD2AP	3,98	Cytoplasm
1368921_a_at	NM_012924	CD44 molecule (Indian blood group)	CD44	9,25	Plasma Membrane
1369559_a_at	NM_019195	CD47 molecule	CD47	3,31	Plasma Membrane
1386976_at	NM_031797	CD82 molecule	CD82	5,89	Plasma Membrane
1390529_at	AI412355	CD83 molecule	CD83	12,98	Plasma Membrane
1388327_at	AI232357	CDGSH iron sulfur domain 1	CISD1	-2,39	Cytoplasm
1375353_at	BI296696	Cdk5 and Abl enzyme substrate 1	CABLES1	-2,20	Nucleus
1393057_at	BF404098	cDNA sequence BC023179	BC023179	2,17	Unknown
1378739_at	AA818135	cell death-inducing DFFA-like effector c	CIDEC	7,23	Cytoplasm
1388727_at	BM387151	cell division cycle 26 homolog (S. cerevisiae)	CDC26	-2,88	Nucleus
1372883_at	BE109061	centromere protein B, 80kDa	CENPB	-1,54	Nucleus
1378479_at	BI285912	ceroid-lipofuscinosis, neuronal 3	CLN3	6,79	Cytoplasm
1389791_at	AI179775	ceroid-lipofuscinosis, neuronal 8 (epilepsy, progressive with mental retardation)	CLN8	-3,31	Cytoplasm
1388771_at	BG668182	CGG triplet repeat binding protein 1	CGGBP1	1,53	Nucleus
1371403_at	AA799545	chaperonin containing TCP1, subunit 3 (gamma)	CCT3	-1,70	Cytoplasm
1374695_at	BF564593	chromobox homolog 1 (HP1 beta homolog Drosophila)	CBX1	2,00	Nucleus
1385157_at	BF389675	chromobox homolog 1 (HP1 beta homolog Drosophila)	CBX1	2,95	Nucleus
1371395_at	AA851329	chromobox homolog 3 (HP1 gamma homolog, Drosophila)	CBX3	-1,94	Nucleus
1387235_at	NM_021655	chromogranin A (parathyroid secretory protein 1)	CHGA	-1,54	Extracellular Space
1368034_at	NM_012526	chromogranin B (secretogranin 1)	CHGB	-1,51	Extracellular Space
1391206_at	AW533313	chromosome 1 open reading frame 106	C1ORF106	1,52	Unknown
1371443_at	AI409584	chromosome 1 open reading frame 174	C1ORF174	-3,18	Unknown
1374478_at	AA819329	chromosome 1 open reading frame 210	C1ORF210	-3,53	Unknown
1390108_at	AI233162	chromosome 1 open reading frame 57	C1ORF57	-2,53	Unknown
1372895_at	AI169367	chromosome 10 open reading frame 58	C10ORF58	15,11	Extracellular Space

1392663_at	AI179925	chromosome 10 open reading frame 84	C10ORF84	-2,40	Unknown
1382100_at	AA997169	chromosome 10 open reading frame 97	C10ORF97	-1,53	Unknown
1390232_at	BM388441	chromosome 11 open reading frame 24	C11ORF24	-2,92	Extracellular Space
1381118_at	AW526652	chromosome 11 open reading frame 46	C11ORF46	-2,45	Unknown
1375423_at	BE098181	chromosome 11 open reading frame 52	C11ORF52	-6,10	Unknown
1371763_at	BI274533	chromosome 11 open reading frame 54	C11ORF54	-5,72	Nucleus
1372588_at	AA944403	chromosome 11 open reading frame 68	C11ORF68	2,49	Unknown
1372843_at	BG377188	chromosome 11 open reading frame 75	C11ORF75	-1,74	Unknown
1385066_a_at	BM390527	chromosome 12 open reading frame 30	C12ORF30	1,75	Unknown
1384553_at	BE118056	chromosome 12 open reading frame 30	C12ORF30	1,77	Unknown
1378980_at	AI044779	chromosome 12 open reading frame 30	C12ORF30	3,55	Unknown
1395297_at	AI556097	chromosome 12 open reading frame 35	C12ORF35	2,98	Unknown
1373143_at	BM390131	chromosome 12 open reading frame 35	C12ORF35	6,72	Unknown
1373551_at	AA817753	chromosome 12 open reading frame 51	C12ORF51	1,82	Unknown
1376645_at	AW916327	chromosome 13 open reading frame 33	C13ORF33	-5,62	Unknown
1398919_at	BI296033	chromosome 14 open reading frame 166	C14ORF166	-1,72	Nucleus
1384185_at	BI289594	chromosome 14 open reading frame 169	C14ORF169	-1,71	Nucleus
1372154_at	AW521019	chromosome 15 open reading frame 44	C15ORF44	-1,52	Cytoplasm
1392547_at	AI716211	chromosome 15 open reading frame 48	C15ORF48	47,22	Nucleus
1377524_at	AI044320	chromosome 16 open reading frame 13	C16ORF13	-2,56	Unknown
1373603_at	BG673166	chromosome 16 open reading frame 42	C16ORF42	-1,53	Unknown
1374169_at	AI236128	chromosome 16 open reading frame 5	C16ORF5	-2,02	Unknown
1374898_at	AW527473	chromosome 17 open reading frame 28	C17ORF28	-2,09	Unknown
1373982_at	BM385377	chromosome 17 open reading frame 42	C17ORF42	-2,31	Unknown
1373830_at	AA893539	chromosome 17 open reading frame 62	C17ORF62	2,54	Unknown
1373831_at	AW920524	chromosome 17 open reading frame 62	C17ORF62	6,12	Unknown
1394605_at	AI409909	chromosome 17 open reading frame 63	C17ORF63	1,68	Unknown
1388532_at	AI599496	chromosome 18 open reading frame 10	C18ORF10	-3,25	Nucleus
1388465_at	AA891733	chromosome 18 open reading frame 19	C18ORF19	-2,41	Unknown
1388946_at	AI233763	chromosome 18 open reading frame 22	C18ORF22	-1,91	Cytoplasm
1371409_at	AI231196	chromosome 18 open reading frame 32	C18ORF32	-1,88	Unknown
1377893_at	BM390475	chromosome 19 open reading frame 12	C19ORF12	4,18	Unknown
1389365_at	AI228291	chromosome 19 open reading frame 12	C19ORF12	7,75	Unknown
1372396_at	BE113316	chromosome 19 open reading frame 39	C19ORF39	-1,97	Unknown
1372184_at	BM392213	chromosome 19 open reading frame 52	C19ORF52	-1,72	Unknown
1373168_at	BG380214	chromosome 19 open reading frame 53	C19ORF53	-1,81	Unknown
1383662_at	AI043759	chromosome 19 open reading frame 66	C19ORF66	3,16	Unknown
1371807_at	BE110607	chromosome 2 open reading frame 28	C2ORF28	-1,84	Unknown
1372202_at	BF284058	chromosome 2 open reading frame 49	C2ORF49	-1,77	Unknown
1374082_at	BI275982	chromosome 2 open reading frame 56	C2ORF56	-1,80	Unknown
1394392_at	BI289554	chromosome 20 open reading frame 142	C20ORF142	-1,61	Unknown
1371507_at	BM384151	chromosome 20 open reading frame 152	C20ORF152	-1,52	Unknown
1371609_at	AI232270	chromosome 21 open reading frame 33	C21ORF33	-2,09	Cytoplasm
1373137_at	BI284360	chromosome 3 open reading frame 21	C3ORF21	-2,05	Unknown
1370360_at	AF146738	chromosome 3 open reading frame 34	C3ORF34	-3,24	Unknown
1376156_at	BM391273	chromosome 3 open reading frame 39	C3ORF39	-3,01	Unknown
1373584_at	BE113205	chromosome 3 open reading frame 59	C3ORF59	1,79	Unknown
1368230_a_at	U95161	chromosome 3 open reading frame 60	C3ORF60	-2,62	Nucleus
1372689_at	BG381479	chromosome 3 open reading frame 75	TMEM103	-2,35	Unknown
1372329_at	BM389011	chromosome 4 open reading frame 16	C4ORF16	2,38	Unknown
1389054_at	BE113616	chromosome 4 open reading frame 19	C4ORF19	-2,87	Unknown
1373049_at	AI169619	chromosome 5 open reading frame 30	C5ORF30	6,66	Unknown
1377439_at	BF408617	chromosome 5 open reading frame 42	C5ORF42	20,47	Unknown
1372547_at	AI175034	chromosome 5 open reading frame 44	C5ORF44	-1,65	Unknown
1383912_at	BM390524	chromosome 6 open reading frame 115	C6ORF115	2,06	Unknown
1394240_at	AI014154	chromosome 6 open reading frame 162	C6ORF162	-3,22	Unknown
1399164_a_at	BE112193	chromosome 6 open reading frame 162	C6ORF162	-3,20	Unknown
1389481_at	BI282891	chromosome 6 open reading frame 89	C6ORF89	-1,55	Unknown

1376016_at	BF285425	chromosome 7 open reading frame 20	C7ORF20	-1,71	Unknown
1397703_at	BF288942	chromosome 7 open reading frame 23	C7ORF23	4,04	Unknown
1393413_at	BI290400	chromosome 7 open reading frame 51	C7ORF51	2,24	Unknown
1390394_at	AW251900	chromosome 7 open reading frame 60	C7ORF60	1,80	Unknown
1389558_at	BF281962	chromosome 7 open reading frame 60	C7ORF60	2,23	Unknown
1370901_at	AI407120	chromosome 9 open reading frame 142	C9ORF142	-2,68	Unknown
1390801_at	AI412174	chromosome 9 open reading frame 71	C9ORF71	2,47	Unknown
1390602_a_at	BG381320	chromosome 9 open reading frame 75	C9ORF75	-1,90	Unknown
1372971_at	BI291301	chromosome 9 open reading frame 78	C9ORF78	-1,70	Unknown
1384143_at	BE114778	cingulin	CGN	2,95	Plasma Membrane
1389577_at	AI101160	cirrhosis, autosomal recessive 1A (cirhin)	CIRH1A	-2,75	Nucleus
1367907_a_at	M19262	clathrin, light chain (Lcb)	CLTB	-1,86	Plasma Membrane
1376711_at	BG673439	claudin 11	CLDN11	1,79	Plasma Membrane
1390407_at	AA955196	claudin domain containing 1	CLDND1	-1,51	Plasma Membrane
1374711_at	BF283512	cleavage and polyadenylation specific factor 3, 73kDa	CPSF3	-2,46	Nucleus
1389361_at	AI012506	clusterin associated protein 1	CLUAP1	-2,47	Unknown
1389368_at	AW253242	CNKSR family member 3	CNKSR3	21,04	Plasma Membrane
1384378_at	BI293046	coiled-coil alpha-helical rod protein 1	CCHCR1	8,96	Cytoplasm
1373806_at	AI044859	coiled-coil domain containing 104	CCDC104	-2,38	Unknown
1379826_at	AA859429	coiled-coil domain containing 107	CCDC107	-2,38	Unknown
1390101_at	AI170609	coiled-coil domain containing 107	CCDC107	-2,21	Unknown
1374929_at	AI010233	coiled-coil domain containing 126	CCDC126	-3,09	Unknown
1390875_a_at	BF290046	coiled-coil domain containing 41	CCDC41	3,32	Unknown
1375634_at	AA799472	coiled-coil domain containing 53	CCDC53	-2,90	Unknown
1389466_at	BG374280	coiled-coil domain containing 6	CCDC6	-1,78	Cytoplasm
1393952_at	BI278833	coiled-coil domain containing 68	CCDC68	-4,15	Unknown
1395779_at	BF523321	coiled-coil domain containing 88A	CCDC88A	1,87	Cytoplasm
1385268_at	BI289167	coiled-coil domain containing 93	CCDC93	2,16	Unknown
1399165_a_at	AA943500	coiled-coil domain containing 97	CCDC97	-4,56	Unknown
1398326_at	BI282332	coiled-coil-helix-coiled-coil-helix domain containing 10	CHCHD10	-2,81	Unknown
1385904_at	BG153342	cold inducible RNA binding protein	CIRBP	-2,36	Nucleus
1369764_at	NM_012516	complement component 4 binding protein, alpha	C4BPA	6,12	Extracellular Space
1368695_at	NM_016995	complement component 4 binding protein, beta	C4BPB	10,19	Extracellular Space
1393740_at	BI294230	connector enhancer of kinase suppressor of Ras 1	CNKSR1	7,16	Cytoplasm
1398972_at	AW916366	COP9 constitutive photomorphogenic homolog subunit 3 (Arabidopsis)	COPS3	-1,54	Cytoplasm
1388682_at	AI598397	cornichon homolog (Drosophila)	CNIH	-1,92	Plasma Membrane
1383647_a_at	BI283883	crumbs homolog 3 (Drosophila)	CRB3	1,94	Plasma Membrane
1383648_x_at	BI283883	crumbs homolog 3 (Drosophila)	CRB3	1,96	Plasma Membrane
1388385_at	BG371710	crystallin, beta A2	CRYBA2	-2,90	Unknown
1379450_at	BM383195	CTTNBP2 N-terminal like	CTTNBP2NL	13,92	Cytoplasm
1397247_at	BI276505	CUB domain containing protein 1	CDCP1	10,58	Plasma Membrane
1398928_at	BG378296	cutA divalent cation tolerance homolog (E. coli)	CUTA	-1,76	Unknown
1385024_at	AW535558	cutC copper transporter homolog (E. coli)	CUTC	-2,33	Unknown
1368801_at	NM_053342	CXXC finger 4	CXXC4	-2,06	Cytoplasm
1369935_at	NM_012766	cyclin D3	CCND3	-1,94	Nucleus
1371953_at	AI408309	cyclin G2	CCNG2	4,51	Nucleus
1368050_at	NM_053662	cyclin L1	CCNL1	1,96	Nucleus
1391270_at	BE112177	cyclin M3	CNNM3	-2,99	Unknown
1382124_at	BE105042	cyclin M3	CNNM3	-1,62	Unknown
1388443_at	AI177871	cyclin-dependent kinase 2 associated protein 1	CDK2AP1	-3,08	Nucleus
1372062_at	BF394161	cyclin-dependent kinase 2-interacting protein	CINP	-2,91	Unknown
1370282_at	U44948	cysteine and glycine-rich protein 2	CSRP2	-8,08	Nucleus
1396327_at	BG374493	cytochrome P450, family 2, subfamily j, polypeptide 12	CYP2J12	38,83	Unknown
1375685_at	BI282257	cytoplasmic linker associated protein 1	CLASP1	3,03	Cytoplasm
1372166_at	AI169146	D4, zinc and double PHD fingers family 2	DPF2	1,65	Nucleus
1399162_a_at	AJ277077	damage-specific DNA binding protein 1, 127kDa	DDB1	-1,87	Nucleus
1371648_at	BF284000	damage-specific DNA binding protein 1, 127kDa	DDB1	-1,70	Nucleus
1385369_at	BI290883	DAZ interacting protein 1-like	DZIP1L	3,32	Unknown

1383432_at	AI1716676	death associated protein-like 1	DAPL1	-4,04	Unknown
1385210_at	BF389450	dedicator of cytokinesis 5	DOCK5	2,50	Unknown
1374519_at	AI231782	dedicator of cytokinesis 7	DOCK7 (includes EG:313388)	5,84	Plasma Membrane
1374718_at	AA945915	deltex 3-like (Drosophila)	DTX3L	14,75	Cytoplasm
1374564_at	BE099401	deltex homolog 2 (Drosophila)	DTX2	2,53	Nucleus
1380021_at	AI059486	DENN/MADD domain containing 2D	DENND2D	13,39	Cytoplasm
1379703_at	BF288207	DENN/MADD domain containing 3	DENND3	4,57	Unknown
1383256_at	BF410997	deoxynucleotidyltransferase, terminal, interacting protein 2	DNTTIP2	-1,54	Unknown
1389615_at	BI284801	Der1-like domain family, member 1	DERL1	-1,83	Cytoplasm
1389318_at	BF282986	dishevelled associated activator of morphogenesis 1	DAAMI	2,13	Cytoplasm
1374480_at	BE107255	dishevelled associated activator of morphogenesis 1	DAAMI	2,49	Cytoplasm
1369997_at	NM_031820	dishevelled, dsh homolog 1 (Drosophila)	DVL1	-1,95	Cytoplasm
1387817_at	NM_024128	DNA segment on chromosome 4 (unique) 234 expressed sequence	D4S234E	-1,81	Cytoplasm
1373064_at	BM390416	DnaJ (Hsp40) homolog, subfamily C, member 15	DNAJC15	-2,32	Cytoplasm
1390168_a_at	BI289564	DnaJ (Hsp40) homolog, subfamily C, member 24	DNAJC24	-1,76	Unknown
1377125_at	AW523481	DnaJ (Hsp40) homolog, subfamily C, member 6	DNAJC6	-1,70	Cytoplasm
1386648_at	AW914996	DnaJ (Hsp40) homolog, subfamily C, member 6	DNAJC6	-1,57	Cytoplasm
1383181_at	AI704947	DnaJ (Hsp40) homolog, subfamily C, member 9	DNAJC9	-3,58	Unknown
1372882_at	BG379301	DNL-type zinc finger	DNLZ	-3,36	Unknown
1399146_at	AI576776	dolichol kinase	DOLK	-7,08	Unknown
1374651_at	BM386987	dopey family member 2	DOPEY2	-1,71	Unknown
1376026_at	AI178243	downstream neighbor of SON	DONSON	33,43	Unknown
1371622_at	AA943541	DPH1 homolog (S. cerevisiae)	DPH1	-1,99	Cytoplasm
1375186_at	AI169144	DPH3, KTI11 homolog (S. cerevisiae)	DPH3	-1,66	Cytoplasm
1389483_at	AI408686	dpy-19-like 1 (C. elegans)	DPY19L1	-1,71	Unknown
1368274_at	NM_031352	drebrin-like	DBNL	4,08	Cytoplasm
1373502_at	BM389188	dymecilin	DYM	-4,93	Unknown
1398900_at	AA893211	dynactin 3 (p22)	DCTN3	-1,85	Nucleus
1380671_at	BF409069	dynein heavy chain domain 1	DNHD1	1,62	Unknown
1387025_at	NM_019234	dynein, cytoplasmic 1, intermediate chain 1	DYNC1H1	-2,55	Cytoplasm
1374297_at	BE100843	dynein, cytoplasmic 1, light intermediate chain 1	DYNC1LI1	-2,21	Cytoplasm
1369976_at	NM_053319	dynein, light chain, LC8-type 1	DYNLL1	-2,09	Cytoplasm
1386882_at	NM_031318	dynein, light chain, Tctex-type 1	DYNLT1	1,91	Cytoplasm
1388992_at	AI169305	E1A binding protein p400	EP400	1,88	Nucleus
1370544_at	AF335571	echinoderm microtubule associated protein like 2	EML2	1,95	Cytoplasm
1389526_at	BG373853	EFR3 homolog A (S. cerevisiae)	EFR3A	1,88	Plasma Membrane
1395739_at	BG672302	EFR3 homolog A (S. cerevisiae)	EFR3A	2,13	Plasma Membrane
1378346_at	AI385237	elastin microfibril interfacer 2	EMILIN2	2,32	Extracellular Space
1389319_at	AA800719	endoplasmic reticulum-golgi intermediate compartment (ERGIC) 1	ERGIC1	-1,74	Cytoplasm
1393058_at	BE101947	EP300 interacting inhibitor of differentiation 2	EID2	-2,83	Nucleus
1375855_at	AI171799	ependymin related protein 1 (zebrafish)	EPDR1	-3,72	Nucleus
1374209_at	AI010575	ER lipid raft associated 2	ERLIN2	1,74	Plasma Membrane
1372643_at	BE110569	erythrocyte membrane protein band 4.1-like 2	EPB41L2	-2,21	Plasma Membrane
1370503_s_at	AB032828	erythrocyte membrane protein band 4.1-like 3	EPB41L3	-1,55	Plasma Membrane
1398929_at	AW525691	eukaryotic translation initiation factor 3, subunit 6 interacting protein	EIF3S6IP	-1,81	Nucleus
1371818_at	AW251204	exportin, tRNA (nuclear export receptor for tRNAs)	XPOT	-1,95	Nucleus
1370875_at	AA851304	ezrin	EZR	9,22	Plasma Membrane
1376708_at	BM385170	family with sequence similarity 115, member C	FAM115C	11,74	Unknown
1388457_at	AI176633	family with sequence similarity 125, member A	FAM125A	-1,53	Unknown
1374414_at	AI412962	family with sequence similarity 134, member A	FAM134A	-1,85	Unknown
1393443_a_at	AW434918	family with sequence similarity 158, member A	FAM158A	-3,84	Plasma Membrane
1380184_at	AW521222	family with sequence similarity 19 (chemokine (C-C motif)-like), member A5	FAM19A5	3,09	Extracellular Space
1391214_at	BI289378	family with sequence similarity 26, member F	FAM26F	8,61	Unknown
1394940_at	BI294811	family with sequence similarity 46, member A	FAM46A	-3,10	Unknown
1380102_at	BM386836	family with sequence similarity 50, member A	FAM50A	-2,93	Nucleus
1373761_at	AI176129	family with sequence similarity 60, member A	LOC686611	2,62	Unknown
1388817_at	BI284848	family with sequence similarity 63, member A	FAM63A	-1,83	Unknown
1372302_at	BF284897	family with sequence similarity 82, member A2	FAM82A2	5,08	Unknown

1377616_at	BE114214	family with sequence similarity 92, member A1	FAM92A1	-3,93	Unknown
1369995_at	NM_130406	Fas (TNFRSF6) associated factor 1	FAF1	-2,02	Nucleus
1367918_at	NM_031066	fasciculation and elongation protein zeta 1 (zygin I)	FEZ1	2,55	Cytoplasm
1384011_a_at	BF287623	FAST kinase domains 3	FASTKD3	2,17	Unknown
1367518_at	BI274976	fat mass and obesity associated	FTO	-2,03	Nucleus
1367654_at	NM_031819	FAT tumor suppressor homolog 1 (Drosophila)	FAT1	-1,65	Plasma Membrane
1393101_at	BM385838	F-box and leucine-rich repeat protein 10	FBXL10	-2,06	Nucleus
1384457_at	AI030755	F-box and WD-40 domain protein 17	FBXW17	24,71	Unknown
1375041_at	AI599362	F-box protein 27	FBXO27	16,76	Unknown
1377393_at	H31625	FERM domain containing 5	FRMD5	-2,44	Unknown
1373588_at	H33457	FERM domain containing 8	FRMD8	3,57	Unknown
1382143_at	AA964898	FERM, RhoGEF (ARHGEF) and pleckstrin domain protein 1 (chondrocyte-derived)	FARP1	4,72	Unknown
1398327_at	BM386598	fermitin family homolog 2 (Drosophila)	FERMT2	1,95	Cytoplasm
1388528_at	AW433875	fibrillarin	FBL	-1,67	Nucleus
1383396_at	AA894079	fibronectin type III domain containing 3A	FNDC3A	1,80	Unknown
1390289_at	BI283804	FIG4 homolog (S. cerevisiae)	FIG4	-2,15	Cytoplasm
1379463_at	AW525176	filamin A interacting protein 1	FILIP1	-17,85	Cytoplasm
1367746_a_at	NM_031830	flotillin 2	FLOT2	1,80	Plasma Membrane
1388684_at	BI274480	formin binding protein 4	FNBP4	2,46	Nucleus
1391411_at	AI179941	formin-like 2	FMNL2 (includes EG:114793)	6,42	Cytoplasm
1375961_at	AI072892	frizzled-related protein	FRZB	-1,80	Extracellular Space
1398925_at	BI274664	FtsJ methyltransferase domain containing 2	FTSJD2	1,60	Unknown
1375872_at	AI144944	fukutin	FKTN	-2,06	Extracellular Space
1377011_at	BF415061	furry homolog (Drosophila)	FRY	-2,37	Unknown
1383255_at	BE116202	G patch domain and KOW motifs	GPKOW	4,27	Unknown
1382186_a_at	AI136314	G patch domain containing 4	GPATCH4	-4,95	Unknown
1398783_at	NM_053969	G protein pathway suppressor 1	GPS1 (includes EG:2873)	-1,89	Nucleus
1372313_at	BI275972	G protein-coupled receptor 89B	GPR89B	-2,15	Unknown
1377868_at	AW530090	G protein-coupled receptor associated sorting protein 2	GPRASP2	-1,77	Cytoplasm
1374533_at	AI234190	GA repeat binding protein, beta 1	GABPB1 (includes EG:499883)	3,39	Unknown
1371680_at	BI303631	GABA(A) receptor-associated protein like 1	GABARAPL1	-1,65	Cytoplasm
1379377_at	BG371655	ganglioside induced differentiation associated protein 2	GDAP2	1,94	Unknown
1385717_at	AW524331	ganglioside-induced differentiation-associated protein 1	GDAP1	-1,93	Cytoplasm
1375960_at	BF281879	germ cell-less homolog 1 (Drosophila)	GMCL1	-1,78	Nucleus
1374690_at	AI599770	GLE1 RNA export mediator homolog (yeast)	GLE1	4,96	Nucleus
1380410_at	AI043958	GLI pathogenesis-related 2	GLIPR2	30,24	Cytoplasm
1388526_at	AI169075	glutathione transferase zeta 1	LOC681913	-2,55	Unknown
1371358_at	BI282960	glycoprotein, synaptic 2	GPSN2	-2,15	Plasma Membrane
1394347_at	BF568007	golgi autoantigen, golgin subfamily a, 4	GOLGA4	-2,81	Cytoplasm
1373754_at	AI599232	golgi membrane protein 1	GOLM1	-4,02	Unknown
1390050_at	BI288898	golgi membrane protein 1	GOLM1	-2,91	Unknown
1378352_at	BM392166	golgi phosphoprotein 3-like	GOLPH3L	-1,84	Cytoplasm
1372383_at	AW435429	G-protein signaling modulator 1 (AGS3-like, C. elegans)	GPSM1	-16,20	Cytoplasm
1384177_at	BI281497	GRAM domain containing 3	GRAMD3	1,98	Unknown
1374043_at	AI317841	GRAM domain containing 3	GRAMD3	2,24	Unknown
1399167_a_at	BI278183	GRB2-associated binding protein 1	GAB1	3,59	Cytoplasm
1389552_at	BG371715	GRIP and coiled-coil domain containing 2	GCC2	-1,76	Cytoplasm
1368909_a_at	NM_053807	GRIP1 associated protein 1	GRIPAP1	2,39	Plasma Membrane
1372016_at	BI287978	growth arrest and DNA-damage-inducible, beta	GADD45B	21,01	Cytoplasm
1388792_at	AI599423	growth arrest and DNA-damage-inducible, gamma	GADD45G	2,43	Nucleus
1371896_at	AI411436	growth arrest and DNA-damage-inducible, gamma interacting protein 1	GADD45GIP1	-1,80	Nucleus
1367867_at	NM_013222	growth factor, augments of liver regeneration	GFER	-1,97	Nucleus
1370144_at	NM_053689	GTP binding protein 4	GTPBP4	-1,52	Nucleus
1373572_at	BF282247	GTP binding protein 5 (putative)	GTPBP5	-1,87	Unknown
1376285_at	BM390519	GULP, engulfment adaptor PTB domain containing 1	GULP1	-2,70	Cytoplasm
1393096_at	BF393086	hCG21078	HCG 21078	-1,92	Unknown
1372762_at	AA849729	HD domain containing 3	HDCC3	-2,95	Unknown
1383685_at	BI276972	HEAT repeat containing 1	HEATR1	-1,57	Nucleus

1386894_at	NM_022229	heat shock 60kDa protein 1 (chaperonin)	HSPD1	-2,02	Cytoplasm
1387898_at	D29960	heat shock protein, alpha-crystallin-related, B6	HSPB6	-2,44	Cytoplasm
1373228_at	BI288760	heparan-alpha-glucosaminide N-acetyltransferase	HGSNAT	-2,85	Unknown
1391786_at	BI297047	heterogeneous nuclear ribonucleoprotein H2 (H')	HNRNPH2	1,58	Nucleus
1375019_at	AI101886	heterogeneous nuclear ribonucleoprotein H3 (2H9)	HNRNPH3	2,32	Nucleus
1371352_at	BM391736	high-mobility group nucleosomal binding domain 2	HMGN2	-1,51	Nucleus
1379395_a_at	BI280018	histidine triad nucleotide binding protein 2	HINT2	-1,86	Cytoplasm
1371959_at	AI235236	histone cluster 2, H2aa3	HIST2H2AA3	-2,48	Nucleus
1371765_at	AA850895	histone cluster 3, H2a	HIST3H2A	-2,55	Unknown
1381208_at	BE104595	histone cluster 3, H2a	HIST3H2A	-2,42	Unknown
1371985_a_at	BE097389	HLA-B associated transcript 5	BAT5	1,79	Unknown
1372118_at	BI281674	HMP19 protein	HMP19	-2,27	Cytoplasm
1399163_a_at	BM388880	homer homolog 1 (Drosophila)	HOMER1	-1,82	Plasma Membrane
1380824_at	AI501458	hook homolog 3 (Drosophila)	HOOK3	-1,51	Cytoplasm
1370316_at	AF187860	HSPA (heat shock 70kDa) binding protein, cytoplasmic cochaperone 1	HSPBP1	-2,30	Unknown
1389665_at	BG375619	hyaluronan binding protein 4	HABP4	-3,41	Cytoplasm
1371736_at	AI411283	hypothetical gene supported by BC032431	LOC389203	-2,06	Unknown
1372850_at	AA799464	hypothetical LOC100151767	LOC100151767	3,14	Unknown
1373216_at	AI236521	hypothetical LOC145788	FLJ27352	-3,01	Unknown
1393050_at	BG664069	hypothetical LOC302495	LOC302495	2,53	Unknown
1380081_at	AA819551	hypothetical LOC302495	LOC302495	3,68	Unknown
1382210_at	BE117392	hypothetical LOC302495	LOC302495	3,70	Unknown
1390895_at	AA957047	hypothetical LOC302495	LOC302495	4,11	Unknown
1384187_at	BF551686	hypothetical LOC653653	LOC653653	-1,80	Cytoplasm
1376998_a_at	BI276006	hypothetical protein FLJ10357	FLJ10357	2,45	Unknown
1367508_at	BI281225	hypothetical protein LOC283951	LOC283951	-2,61	Unknown
1381757_at	AA965058	hypothetical protein LOC51057	LOC51057	-1,73	Unknown
1377133_at	BE100973	hypothetical protein LOC680687	LOC680687	1,51	Unknown
1389220_at	BE112918	hypothetical protein LOC682679	LOC682679	-2,82	Unknown
1374499_at	BM383402	hypothetical protein LOC682999	LOC682999	4,91	Unknown
1390151_at	BM392146	hypothetical protein LOC683034	LOC683034	-1,62	Unknown
1388501_at	AW916335	hypothetical protein LOC686179	MGC125239	3,05	Unknown
1377626_at	AA924350	hypothetical protein LOC686634	LOC686634	512,07	Unknown
1393234_at	BI285850	hypothetical protein LOC687105	LOC687105	7,27	Unknown
1372420_at	AI408084	hypothetical protein MGC12972	FKSG24	-1,99	Unknown
1389355_at	BF285187	immediate early response 5	IER5	6,52	Unknown
1391489_at	AI407339	immunity-related GTPase family, M	IRGM	361,75	Cytoplasm
1394293_at	BG664973	IMP1 inner mitochondrial membrane peptidase-like (S. cerevisiae)	IMMP1L	-1,94	Unknown
1388321_at	BG378108	IMP3, U3 small nucleolar ribonucleoprotein, homolog (yeast)	IMP3	-2,40	Cytoplasm
1385423_at	AW521399	inner membrane protein, mitochondrial (mitofilin)	IMMT	-1,65	Cytoplasm
1372080_at	BI287936	inner membrane protein, mitochondrial (mitofilin)	IMMT	-1,64	Cytoplasm
1371091_at	BE118080	insulin receptor substrate 2	IRS2	-4,88	Cytoplasm
1393238_at	AA900649	integrator complex subunit 7	INTS7	-1,57	Unknown
1398395_at	AW434272	integrin beta 1 binding protein 1	ITGB1BP1	-1,99	Plasma Membrane
1370526_at	AF020045	integrin, alpha E (antigen CD103, human mucosal lymphocyte antigen 1; alpha polypeptide)	ITGAE	-2,76	Plasma Membrane
1382439_at	AI070686	integrin, beta 6	ITGB6	2,47	Plasma Membrane
1387995_a_at	BI285494	interferon induced transmembrane protein 3 (1-8U)	IFITM3	7,30	Plasma Membrane
1387770_at	NM_130743	interferon, alpha-inducible protein 27	IFI27	3,81	Cytoplasm
1374551_at	BM388891	interferon-induced protein 35	IFI35	5,64	Nucleus
1381014_at	BI274623	interferon-induced protein 44	IFI44	27,60	Cytoplasm
1379748_at	AA819629	interferon-induced protein 44-like	IFI44L	46,55	Unknown
1379568_at	AI009765	interferon-induced protein with tetratricopeptide repeats 2	IFIT2	8,74	Unknown
1384180_at	BE118697	interferon-induced protein with tetratricopeptide repeats 2	IFIT2	183,35	Unknown
1376908_at	AW531805	interferon-induced protein with tetratricopeptide repeats 3	IFIT3	87,30	Cytoplasm
1369031_at	NM_053374	interleukin 18 binding protein	IL18BP	15,34	Extracellular Space
1375915_at	AI073247	interleukin-1 receptor-associated kinase 1 binding protein 1	IRAK1BP1	-2,87	Unknown
1387226_at	NM_019128	internexin neuronal intermediate filament protein, alpha	INA	-3,19	Cytoplasm
1378061_at	AI043888	intraflagellar transport 122 homolog (Chlamydomonas)	IFT122	4,35	Nucleus

1388603_a_at	BM384289	iron-sulfur cluster assembly 1 homolog (<i>S. cerevisiae</i>)-like	ISCA1L	-2,09	Cytoplasm
1367467_at	BG380638	iron-sulfur cluster scaffold homolog (<i>E. coli</i>)	ISCU	-1,67	Cytoplasm
1382314_at	BE096523	ISG15 ubiquitin-like modifier	ISG15 (includes EG:9636)	750,73	Extracellular Space
1371983_at	AA945181	Josephin domain containing 1	JOSD1	-3,20	Unknown
1371498_at	AI412685	JTV1 gene	JTV1	-2,26	Plasma Membrane
1374406_at	AA925512	kelch domain containing 2	KLHDC2	-2,03	Cytoplasm
1389478_at	BM392031	kelch-like 22 (<i>Drosophila</i>)	KLHL22	-4,82	Unknown
1383142_at	BI289244	kelch-like 26 (<i>Drosophila</i>)	KLHL26	-1,52	Unknown
1391805_at	BE096676	kelch-like 32 (<i>Drosophila</i>)	KLHL32	1,91	Unknown
1390023_at	AI171686	KIAA0232	KIAA0232	1,75	Unknown
1393683_at	BF415479	KIAA0368	KIAA0368	1,57	Cytoplasm
1367865_at	NM_133421	KIAA0430	KIAA0430	1,69	Unknown
1383933_at	AI136714	KIAA0564	KIAA0564	-1,87	Unknown
1392838_at	BF398054	KIAA1033	KIAA1033	2,38	Unknown
1375853_at	BF284358	KIAA1033	KIAA1033	2,64	Unknown
1373300_at	BI296249	KIAA1467	KIAA1467	-2,09	Unknown
1385595_at	BE114414	KIN, antigenic determinant of recA protein homolog (mouse)	KIN	-2,70	Nucleus
1384133_at	BF522755	kinesin family member 1A	KIF1A	-2,42	Cytoplasm
1388670_at	BI286860	kinesin family member 1A	KIF1A	-2,24	Cytoplasm
1372516_at	AI317842	kinesin family member 22	KIF22	-2,55	Nucleus
1369637_at	NM_053486	kinesin family member 3C	KIF3C	2,42	Cytoplasm
1373977_at	BE108253	kinesin family member 5C	KIF5C	-2,52	Cytoplasm
1380172_at	BE104278	kinesin family member 5C	KIF5C	-2,35	Cytoplasm
1389556_at	BI286000	kinesin-associated protein 3	KIFAP3	-1,72	Cytoplasm
1376451_at	BG377849	KRIT1, ankyrin repeat containing	KRIT1	1,77	Plasma Membrane
1389197_at	BI290535	KTEL (Lys-Tyr-Glu-Leu) containing 1	KTELC1	-1,72	Extracellular Space
1371565_at	BM390478	KTI12 homolog, chromatin associated (<i>S. cerevisiae</i>)	KTI12	-2,07	Unknown
1374006_at	BI295878	kynurenine aminotransferase III	KAT3	3,41	Unknown
1384256_at	BI293599	La ribonucleoprotein domain family, member 7	LARP7 (includes EG:686883)	-1,69	Unknown
1379340_at	BM385282	laminin, gamma 2	LAMC2	13,59	Extracellular Space
1391565_at	AA899663	large subunit GTPase 1 homolog (<i>S. cerevisiae</i>)	LSG1	-5,33	Cytoplasm
1369716_s_at	NM_012976	lectin, galactose binding, soluble 5	LGALS5	15,35	Unknown
1387027_a_at	U72741	lectin, galactoside-binding, soluble, 9B	LGALS9B	3,33	Cytoplasm
1392901_at	BM385213	leucine rich repeat containing 1	LRRC1	1,96	Cytoplasm
1391601_at	AA964579	leucine rich repeat neuronal 2	LRN2	-2,96	Plasma Membrane
1390667_at	BF408543	leucine rich transmembrane and 0-methyltransferase domain containing	LRTOMT	-2,44	Unknown
1373500_at	BI294727	leucine-rich PPR-motif containing	LRPPRC	-2,10	Cytoplasm
1393177_at	AA924403	leucine-rich repeats and calponin homology (CH) domain containing 1	LRCH1	4,02	Unknown
1383359_at	BI389176	ligand of numb-protein X 2	LNXC2	-2,31	Unknown
1383906_at	BF416847	likely ortholog of mouse lung-inducible Neutralized-related C3HC4 RING domain protein	LINCR	255,50	Unknown
1389885_at	BI294855	LIM domain containing 2	LIMD2	-1,78	Unknown
1383863_at	BF288303	LIM domain only 2 (rhombotin-like 1)	LMO2	19,14	Nucleus
1377599_at	BM385286	lipin 1	LPIN1	-3,51	Nucleus
1392070_at	AI112117	Lix1 homolog (mouse)-like	LIX1L	1,54	Unknown
1388772_at	AI177016	LSM8 homolog, U6 small nuclear RNA associated (<i>S. cerevisiae</i>)	LSM8	-1,99	Nucleus
1372312_at	AI176212	LTV1 homolog (<i>S. cerevisiae</i>)	LTV1	-2,10	Unknown
1388347_at	AI233210	lymphocyte antigen 6 complex, locus E	LY6E	3,29	Plasma Membrane
1382277_at	AA894336	lymphocyte antigen 96	LY96	4,85	Plasma Membrane
1389210_at	BE109711	lymphocyte cytosolic protein 1 (L-plastin)	LCPI	6,95	Cytoplasm
1376436_at	AI071181	LysM, putative peptidoglycan-binding, domain containing 3	LYSMD3	1,90	Unknown
1397880_at	BF389592	lysophosphatidylglycerol acyltransferase 1	LPGAT1	-1,69	Cytoplasm
1388728_at	BI282923	lysosomal protein transmembrane 4 beta	LAPTM4B	-1,62	Unknown
1371734_at	BI282245	macrophage erythroblast attacher	MAEA	-1,61	Plasma Membrane
1372815_at	BG673028	mago-nashi homolog, proliferation-associated (<i>Drosophila</i>)	MAGOH	-1,58	Nucleus
1372966_at	AI178784	major facilitator superfamily domain containing 2	MFS2	-1,73	Unknown
1375697_at	AI407016	malectin	MLEC	-1,53	Plasma Membrane
1388660_at	BI295915	malignant T cell amplified sequence 1	MCTS1	-1,85	Cytoplasm
1391280_at	AW529333	malignant T cell amplified sequence 2	MCTS2	-3,61	Unknown

1382536_at	BE109224	mediator complex subunit 13-like	MED13L	-2,11	Nucleus
1389312_at	AI104484	mediator of cell motility 1	MEMO1 (includes EG:51072)	-1,77	Unknown
1395316_at	H32543	melanoma antigen family H, 1	MAGEH1	-2,23	Cytoplasm
1375430_at	BM389077	membrane magnesium transporter 2	MMGT2	-3,63	Unknown
1388491_at	AI234849	membrane-associated ring finger (C3HC4) 5	MARCH5	2,26	Unknown
1385790_at	BF560024	membrane-associated ring finger (C3HC4) 5	MARCH5	2,58	Unknown
1390485_at	BI290680	membrane-associated ring finger (C3HC4) 5	MARCH5	3,48	Unknown
1372395_at	AA850978	membrane-associated ring finger (C3HC4) 6	MARCH6	-2,85	Unknown
1376589_at	BG380345	methyltransferase like 9	METTL9	-1,52	Unknown
1367882_at	NM_030995	microtubule-associated protein 1A	MAP1A	-2,82	Cytoplasm
1388152_at	BG374290	microtubule-associated protein 2	MAP2	-2,52	Cytoplasm
1387071_a_at	BE107978	microtubule-associated protein tau	MAPT	-1,81	Cytoplasm
1393085_at	BI290341	MIT, microtubule interacting and transport, domain containing 1	MITD1	6,52	Unknown
1371474_at	BG665132	mitochondrial carrier homolog 1 (C. elegans)	MTCH1	-1,51	Cytoplasm
1379456_at	AA957383	mitochondrial carrier triple repeat 2	MCART2	-2,92	Unknown
1378765_at	BM384731	mitochondrial E3 ubiquitin ligase 1	MUL1	2,24	Cytoplasm
1372948_at	BG376761	mitochondrial ribosomal protein 63	MRP63	-2,15	Unknown
1388931_at	AA799440	mitochondrial ribosomal protein L13	MRPL13	-2,03	Cytoplasm
1398891_at	AI103129	mitochondrial ribosomal protein L15	MRPL15	-1,76	Cytoplasm
1371967_at	AI410349	mitochondrial ribosomal protein L16	MRPL16	-2,03	Unknown
1368004_at	NM_022529	mitochondrial ribosomal protein L23	MRPL23	-2,00	Cytoplasm
1373705_at	AI235502	mitochondrial ribosomal protein L28	MRPL28	-1,90	Cytoplasm
1371604_at	AA858969	mitochondrial ribosomal protein L34	MRPL34	-2,94	Cytoplasm
1371553_at	BF288120	mitochondrial ribosomal protein L36	MRPL36	-3,21	Cytoplasm
1388517_at	AI599474	mitochondrial ribosomal protein L40	MRPL40	-3,42	Cytoplasm
1371853_at	AI176602	mitochondrial ribosomal protein L42	MRPL42 (includes EG:28977)	-2,77	Cytoplasm
1382144_at	AW520527	mitochondrial ribosomal protein L47	MRPL47	-2,75	Cytoplasm
1372927_at	AA891839	mitochondrial ribosomal protein L50	MRPL50	-1,77	Cytoplasm
1376930_at	BI294860	mitochondrial ribosomal protein L51	MRPL51	-1,59	Cytoplasm
1372697_at	AW254612	mitochondrial ribosomal protein S15	MRPS15	-3,18	Cytoplasm
1398946_at	AI230278	mitochondrial ribosomal protein S16	MRPS16	-2,13	Cytoplasm
1380447_a_at	AI071722	mitochondrial ribosomal protein S18C	MRPS18C	-1,87	Cytoplasm
1372116_at	AI008955	mitochondrial ribosomal protein S2	MRPS2	-3,52	Cytoplasm
1371649_at	BI289411	mitochondrial ribosomal protein S24	MRPS24	-2,29	Cytoplasm
1372214_at	AI104277	mitochondrial ribosomal protein S33	MRPS33	-2,87	Cytoplasm
1371576_at	AW142276	mitochondrial ribosomal protein S36	MRPS36	-2,20	Cytoplasm
1392133_at	AI502069	mitogen-activated protein kinase 1 interacting protein 1-like	MAPK1IP1L	3,31	Nucleus
1386973_a_at	NM_053777	mitogen-activated protein kinase 8 interacting protein 1	MAPK8IP1	-1,72	Cytoplasm
1369915_at	NM_139186	MKI67 (FHA domain) interacting nucleolar phosphoprotein	MKI67IP	-2,04	Nucleus
1388990_at	AA924622	MKI67 (FHA domain) interacting nucleolar phosphoprotein	MKI67IP	-1,77	Nucleus
1372904_at	BI285628	MOB1, Mps One Binder kinase activator-like 2A (yeast)	MOBKL2A	3,96	Unknown
1387089_at	NM_133528	MOB1, Mps One Binder kinase activator-like 3 (yeast)	MOBKL3	-1,56	Cytoplasm
1389357_at	AW532663	MORC family CW-type zinc finger 2	MORC2	-2,38	Unknown
1390142_at	BE111888	MORC family CW-type zinc finger 3	MORC3	3,03	Nucleus
1382085_at	BI293662	MTERF domain containing 2	MTERFD2	-2,34	Unknown
1380541_at	AA957801	musashi homolog 2 (Drosophila)	MSI2	1,83	Cytoplasm
1389301_at	AI176665	muscleblind-like 2 (Drosophila)	MBNL2	-1,76	Unknown
1375675_at	AA892813	muscleblind-like 2 (Drosophila)	MBNL2	-1,71	Unknown
1386074_at	AA850705	MYC induced nuclear antigen	MINA	-1,65	Nucleus
1371692_at	AI009661	myeloid/lymphoid or mixed-lineage leukemia (trithorax homolog, Drosophila); translocated to, 11	MLLT11	-3,47	Unknown
1385953_at	AI454608	myeloid/lymphoid or mixed-lineage leukemia (trithorax homolog, Drosophila); translocated to, 3	MLLT3	1,91	Nucleus
1368279_at	NM_053718	myeloid/lymphoid or mixed-lineage leukemia (trithorax homolog, Drosophila); translocated to, 3	MLLT3	2,71	Nucleus
1369631_at	AI012566	myosin IC	MYO1C	-1,86	Cytoplasm
1370478_at	AY004215	myosin XVI	MYO16	-5,91	Cytoplasm
1370158_at	AA946388	myosin, heavy chain 10, non-muscle	MYH10	-2,22	Cytoplasm
1371559_at	AI103384	NAD kinase	NADK (includes EG:100125370)	-1,86	Unknown
1370229_at	BG666709	NDRG family member 4	NDRG4	-2,15	Unknown
1388907_at	BF400873	NECAP endocytosis associated 1	NECAP1	-1,88	Plasma Membrane

1372913_at	AA849734	NEFA-interacting nuclear protein NIP30	NIP30	3,00	Nucleus
1373775_at	AI232313	negative regulator of ubiquitin-like proteins 1	NUB1	4,87	Nucleus
1374508_at	BG663343	nephronophthisis 1 (juvenile)	NPHP1	-2,19	Nucleus
1369948_at	NM_053401	nerve growth factor receptor (TNFRSF16) associated protein 1	NGFRAP1	-2,77	Plasma Membrane
1368320_at	NM_031521	neural cell adhesion molecule 1	NCAM1	-2,31	Plasma Membrane
1374650_at	BM392374	neural precursor cell expressed, developmentally down-regulated 9	NEDD9	-2,23	Nucleus
1372953_at	AI101330	neurocalcin delta	NCALD	-4,39	Cytoplasm
1367956_at	NM_053543	neurochondrin	NCDN	-2,22	Unknown
1372502_at	AI579645	neurofibromin 2 (merlin)	NF2	-2,11	Plasma Membrane
1370815_at	AF031879	neurofilament, heavy polypeptide	NEFH	-3,68	Cytoplasm
1367845_at	NM_017029	neurofilament, medium polypeptide	NEFM	3,60	Cytoplasm
1371036_at	BG671431	neuronal cell adhesion molecule	NRCAM	-1,89	Plasma Membrane
1370517_at	U18772	neuronal pentraxin I	NPTX1	-8,46	Extracellular Space
1371539_at	AW921151	NHP2 ribonucleoprotein homolog (yeast)	NHP2	-2,11	Nucleus
1398610_at	BG375744	nicolin 1	NICN1 (includes EG:619581)	-2,59	Unknown
1388852_at	AI406307	NODAL modulator 1	NOMO1	-1,62	Plasma Membrane
1373509_at	BE113288	NOL1/NOP2/Sun domain family, member 4	NSUN4	-1,76	Unknown
1383774_at	BG376677	non-protein coding RNA 117	NCRNA00117	-2,37	Unknown
1373978_at	AI410277	nuclear cap binding protein subunit 1, 80kDa	NCBP1 (includes EG:4686)	-1,94	Nucleus
1389538_at	AW672589	nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor, alpha	NFKBIA	82,84	Cytoplasm
1381570_at	BI293518	nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor, delta	NFKBID	3,80	Unknown
1394371_at	BF556765	nuclear fragile X mental retardation protein interacting protein 1	NUFIP1	2,86	Nucleus
1376250_at	BI284814	nuclear fragile X mental retardation protein interacting protein 1	NUFIP1	2,93	Nucleus
1395081_at	BI290843	nuclear receptor coactivator 7	NCOA7	3,26	Nucleus
1383938_at	BI286738	nuclear receptor coactivator 7	NCOA7	5,26	Nucleus
1368031_at	NM_022869	nucleolar and coiled-body phosphoprotein 1	NOLC1	-2,16	Nucleus
1368032_at	M94288	nucleolar and coiled-body phosphoprotein 1	NOLC1	-1,87	Nucleus
1390650_at	BI290593	nucleoporin 85kDa	NUP85	-2,03	Cytoplasm
1383673_at	BI288925	nucleosome assembly protein 1-like 2	NAP1L2	-3,71	Nucleus
1375861_at	BE111332	nucleosome assembly protein 1-like 5	NAP1L5	-7,42	Unknown
1372236_at	BI279079	nucleotide-binding oligomerization domain containing 1	NOD1	3,30	Cytoplasm
1367507_at	BI281661	nudix (nucleoside diphosphate linked moiety X)-type motif 22	NUDT22	2,52	Unknown
1388432_at	BI294994	optineurin	OPTN	3,03	Cytoplasm
1398907_at	BI296182	ORM1-like 2 (S. cerevisiae)	ORMDL2	-2,01	Cytoplasm
1384254_at	AI717553	OTU domain containing 1	OTUD1	4,96	Unknown
1393368_at	BG372522	oxysterol binding protein-like 5	OSBPL5	2,44	Cytoplasm
1384465_at	AI136693	paraspeckle component 1	PSPC1	-2,24	Nucleus
1391415_at	AI043694	partner of NOB1 homolog (S. cerevisiae)	PNO1	-1,67	Nucleus
1398810_at	NM_022595	PDGFA associated protein 1	PDAP1	-2,05	Cytoplasm
1390799_at	AI177748	PDZ domain containing 8	PDZD8	-2,32	Unknown
1373748_at	AW532566	PDZ domain containing ring finger 3	PDZRN3	-19,88	Extracellular Space
1399034_at	AI009650	pecanex homolog (Drosophila)	PCNX	1,98	Plasma Membrane
1399081_at	AI712911	pellino homolog 1 (Drosophila)	PELI1	3,06	Cytoplasm
1390814_at	AA848897	pellino homolog 1 (Drosophila)	PELI1	3,45	Cytoplasm
1393907_at	AA998735	peptide YY	PYY	-2,74	Extracellular Space
1382546_at	AW920026	PHD finger protein 11	PHF11 (includes EG:51131)	21,63	Unknown
1390103_at	BE095970	PHD finger protein 2	PHF2	1,91	Nucleus
1383002_at	AA998043	PHD finger protein 20-like 1	PHF20L1	1,59	Unknown
1376169_at	BE104290	PHD finger protein 20-like 1	PHF20L1	1,70	Unknown
1386891_at	NM_017236	phosphatidylethanolamine binding protein 1	PEBP1	-2,13	Cytoplasm
1399130_at	AW918690	phosphatidylinositol glycan anchor biosynthesis, class Y	PIGY (includes EG:66459)	-2,85	Unknown
1370202_at	BG378637	phospholipase A2, group XVI	PLA2G16	39,97	Nucleus
1383336_at	BF549763	pinin, desmosome associated protein	PNN	2,39	Plasma Membrane
1374111_at	BI301101	pinin, desmosome associated protein	PNN	2,42	Plasma Membrane
1380001_at	AW526140	pinin, desmosome associated protein	PNN	3,01	Plasma Membrane
1375767_at	BI287681	pleckstrin homology domain containing, family G (with RhoGef domain) member 3	PLEKHG3	3,47	Unknown
1380867_a_at	BM383086	pleckstrin homology domain containing, family M (with RUN domain) member 1	PLEKHM1	2,45	Cytoplasm
1379724_at	BE103244	pleckstrin homology-like domain, family B, member 2	PHLDB2	-3,04	Cytoplasm

1398644_at	AI535104	plexin C1	PLXNC1	1,71	Plasma Membrane
1375216_at	AA850909	poliovirus receptor-related 2 (herpesvirus entry mediator B)	PVRL2	4,70	Plasma Membrane
1380071_at	BI285978	poly (ADP-ribose) polymerase family, member 12	PARP12	8,87	Nucleus
1379613_at	BM390301	poly (ADP-ribose) polymerase family, member 14	PARP14	49,88	Cytoplasm
1372034_at	BF284106	poly (ADP-ribose) polymerase family, member 14	PARP14	52,25	Cytoplasm
1377970_at	BE105494	poly (ADP-ribose) polymerase family, member 8	PARP8	6,39	Unknown
1376144_at	AA819679	poly (ADP-ribose) polymerase family, member 9	PARP9	48,25	Nucleus
1382922_at	BG375109	poly(A) binding protein, nuclear 1	PABPN1	-1,86	Nucleus
1371800_at	AI230538	polyhomeotic homolog 2 (Drosophila)	PHC2	4,09	Nucleus
1371920_at	AA851255	polymerase (DNA-directed), delta interacting protein 2	POLDIP2	-1,84	Nucleus
1388404_at	AA799724	predicted gene, OTTMUSG00000008305	OTTMUSG00000008305	-2,31	Unknown
1371399_at	AA818196	prickle homolog 4 (Drosophila)	PRICKLE4 (includes EG:29964)	-1,53	Unknown
1387015_at	NM_030873	profilin 2	PFN2	-2,60	Cytoplasm
1367671_at	NM_022381	proliferating cell nuclear antigen	PCNA	-1,84	Nucleus
1370381_at	U61729	proline-rich nuclear receptor coactivator 1	PNRC1	2,41	Nucleus
1367986_at	NM_019243	prostaglandin F2 receptor negative regulator	PTGFRN	3,26	Plasma Membrane
1367663_at	NM_017264	proteasome (prosome, macropain) activator subunit 1 (PA28 alpha)	PSME1	3,86	Cytoplasm
1368818_at	AW531920	proteasome (prosome, macropain) activator subunit 4	PSME4	-1,85	Unknown
1368716_at	NM_133425	protein phosphatase 1, regulatory (inhibitor) subunit 14C	PPP1R14C	2,56	Cytoplasm
1393082_at	AI044747	protein phosphatase 1, regulatory (inhibitor) subunit 14C	PPP1R14C	4,37	Cytoplasm
1367888_at	NM_053572	protocadherin 21	PCDH21	6,77	Plasma Membrane
1383783_at	AW521192	protocadherin 9	PCDH9	-2,96	Plasma Membrane
1373273_at	BM384975	PRP38 pre-mRNA processing factor 38 (yeast) domain containing A	PRPF38A	-1,68	Nucleus
1392461_at	BI291012	PRP4 pre-mRNA processing factor 4 homolog (yeast)	PRPF4	-1,95	Nucleus
1372088_at	AI012434	PTPRF interacting protein, binding protein 1 (liprin beta 1)	PPFIBP1	2,33	Plasma Membrane
1390647_at	AI410924	putative homeodomain transcription factor 2	PHTF2	-2,03	Cytoplasm
1391897_at	BG379295	RAB GTPase activating protein 1-like	RABGAP1L	4,79	Unknown
1392762_at	BF559727	RAD18 homolog (S. cerevisiae)	RAD18	-1,93	Nucleus
1377902_a_at	AA893822	RAD52 homolog (S. cerevisiae)	RAD52	-1,64	Nucleus
1376029_at	BI295991	ral guanine nucleotide dissociation stimulator-like 2	RGL2	19,72	Cytoplasm
1374750_at	AI172313	Rap guanine nucleotide exchange factor (GEF) 6	RAPGEF6	2,11	Plasma Membrane
1388646_at	BM391469	raptor	KIAA1303	-1,87	Cytoplasm
1372365_at	BM392293	Ras and Rab interactor 2	RIN2	2,43	Cytoplasm
1382384_at	BM383783	Ras association (RalGDS/AF-6) domain family member 6	RASSF6	-2,35	Unknown
1374165_at	AA818264	RAS p21 protein activator 4	RASA4 (includes EG:10156)	12,61	Cytoplasm
1379285_at	AA819788	receptor (chemosensory) transporter protein 4	RTP4	35,57	Plasma Membrane
1374235_at	AI138048	regulator of calcineurin 2	RCAN2	-2,20	Unknown
1373777_at	BF391820	regulator of G-protein signaling 16	RGS16	-2,74	Cytoplasm
1396870_at	BF419761	regulator of G-protein signaling 20	RGS20	-1,75	Cytoplasm
1370910_at	BF283113	replication factor C (activator 1) 2, 40kDa	RFC2	-2,37	Nucleus
1389053_at	AI171280	required for meiotic nuclear division 1 homolog (S. cerevisiae)	RMND1	3,69	Unknown
1388749_at	BI278823	required for meiotic nuclear division 5 homolog A (S. cerevisiae)	RMND5A	-1,69	Unknown
1368097_a_at	NM_053865	reticulin 1	RTN1	-1,57	Cytoplasm
1393404_at	BF554746	reticulin 4 receptor-like 1	RTN4RL1	-3,73	Plasma Membrane
1384290_at	BG373809	retinoblastoma binding protein 6	RBBP6 (includes EG:5930)	-1,59	Nucleus
1376947_at	AI178158	retinoblastoma binding protein 6	RBBP6 (includes EG:5930)	2,06	Nucleus
1368403_at	NM_031094	retinoblastoma-like 2 (p130)	RBL2	-2,04	Nucleus
1374852_at	AI407613	RGD1559909	RGD1559909	-1,94	Unknown
1372585_at	BM388445	RGD1566254	RGD1566254	1259,58	Unknown
1387035_a_at	NM_022244	Rho GTPase activating protein 17	ARHGAP17	4,31	Cytoplasm
1392590_at	BG377201	Rho GTPase activating protein 24	ARHGAP24	-5,16	Cytoplasm
1376501_at	AA945062	Rho GTPase activating protein 8	ARHGAP8	12,25	Cytoplasm
1377750_at	AI454536	Rho guanine nucleotide exchange factor (GEF) 3	ARHGEF3	1,61	Cytoplasm
1381297_at	BI292668	Rho guanine nucleotide exchange factor (GEF) 5	ARHGEF5	10,14	Cytoplasm
1383523_at	BE110369	rho/rac guanine nucleotide exchange factor (GEF) 18	ARHGEF18	2,14	Cytoplasm
1384765_at	BI289371	rhomboid 5 homolog 2 (Drosophila)	RHBDF2	12,91	Unknown
1394397_at	BF522734	ribosomal L1 domain containing 1	RSL1D1	-2,42	Cytoplasm
1367623_at	NM_031102	ribosomal protein L18	RPL18	-1,51	Cytoplasm

1389228_at	AI412292	RIKEN cDNA 2010309E21 gene	2010309E21RIK	-1,57	Unknown
1373659_at	AI639350	RIKEN cDNA 2210020M01 gene	2210020M01RIK	-2,63	Unknown
1384483_at	BI274216	RIKEN cDNA 9530082P21 gene	9530082P21RIK	15,69	Unknown
1385016_at	AI136882	RIKEN cDNA B630019K06 gene	B630019K06RIK	-4,50	Unknown
1368122_at	NM_053438	ring finger protein 103	RNF103	-2,78	Unknown
1377837_at	AI231532	ring finger protein 113A	RNF113A	-1,68	Nucleus
1375955_at	BI289415	ring finger protein 114	RNF114	3,58	Unknown
1372865_at	AI171206	ring finger protein 115	RNF115	4,11	Cytoplasm
1372731_at	AI228628	ring finger protein 135	RNF135	-1,64	Unknown
1389258_at	AI317840	ring finger protein 138	RNF138	1,63	Unknown
1382379_at	AW529177	ring finger protein 138	RNF138	3,03	Unknown
1393547_at	BE101549	ring finger protein 182	RNF182	-3,61	Unknown
1371597_at	BI281621	ring finger protein 187	RNF187	-1,92	Unknown
1382074_at	AI113237	ring finger protein 19B	RNF19B	5,97	Unknown
1378916_at	AI029234	ring finger protein 43	RNF43	-1,76	Unknown
1377746_at	AI010418	RNA binding motif protein 12	RBM12	-2,14	Nucleus
1389664_at	BM387379	RNA binding motif protein 15B	RBM15B	1,80	Nucleus
1383496_at	BM387466	RNA binding motif protein 35A	RBM35A	1,50	Unknown
1393832_at	AI136337	RNA binding motif protein 43	RBM43	19,99	Unknown
1375870_a_at	BF420140	RNA binding motif, single stranded interacting protein 1	RBMS1	7,71	Nucleus
1390032_at	BG374052	RNA binding motif, single stranded interacting protein 2	RBMS2	-1,94	Nucleus
1380513_at	BE095638	RNA polymerase II associated protein 2	RPAP2	5,71	Unknown
1376065_at	AI058889	RRS1 ribosome biogenesis regulator homolog (S. cerevisiae)	RRS1	-2,65	Nucleus
1378166_at	BE096995	Rtf1, Paf1/RNA polymerase II complex component, homolog (S. cerevisiae)	RTF1	1,75	Nucleus
1383667_at	AI603411	RUN domain containing 1	RUNDC1	1,68	Unknown
1386890_at	NM_031114	S100 calcium binding protein A10	S100A10	3,88	Cytoplasm
1372741_at	AI412013	saccharopine dehydrogenase (putative)	SCCPDH	-2,47	Cytoplasm
1388815_at	BE329438	SAPS domain family, member 1	SAPS1	2,39	Unknown
1374796_at	AI413058	sarcoglycan, beta (43kDa dystrophin-associated glycoprotein)	SGCB	-2,39	Plasma Membrane
1368129_at	NM_031647	Scm-like with four mbt domains 1	SFMBT1	8,57	Nucleus
1388991_at	AA892491	SEC14 and spectrin domains 1	SESTD1	1,60	Unknown
1368806_at	AA799627	selenoprotein P, plasma, 1	SEPP1	-1,93	Extracellular Space
1376319_at	BM390322	sema domain, immunoglobulin domain (Ig), short basic domain, secreted, (semaphorin) 3C	SEMA3C	1,70	Extracellular Space
1388745_at	AI228417	sema domain, immunoglobulin domain (Ig), transmembrane domain (TM) and short cytoplasmic domain, (semaphorin) 4A	SEMA4A	7,95	Plasma Membrane
1374678_at	BE109578	sema domain, immunoglobulin domain (Ig), transmembrane domain (TM) and short cytoplasmic domain, (semaphorin) 4B	SEMA4B	6,16	Plasma Membrane
1383290_at	BI280343	serine peptidase inhibitor, Kunitz type 1	SPINT1	2,46	Extracellular Space
1368790_at	NM_133617	serpin peptidase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 10	SERPINA10	5,01	Extracellular Space
1368224_at	NM_031531	serpin peptidase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 3	SERPINA3	3,67	Extracellular Space
1373672_at	BM384419	serpin peptidase inhibitor, clade B (ovalbumin), member 9	SERPINB9	11,53	Cytoplasm
1372254_at	AW915763	serpin peptidase inhibitor, clade G (C1 inhibitor), member 1	SERPING1	24,45	Extracellular Space
1371487_at	BG666075	SH3 domain binding glutamic acid-rich protein like 3	SH3BGRL3	-2,91	Nucleus
1388776_at	AI169176	shisa homolog 5 (Xenopus laevis)	SHISA5	2,73	Nucleus
1393673_at	BE120005	short chain dehydrogenase/reductase family 39U, member 1	SDR39U1	1,90	Unknown
1389420_at	BI279446	signal transducing adaptor family member 2	STAP2	20,30	Cytoplasm
1372277_at	BI274673	similar to aldehyde dehydrogenase 4 family, member A1	LOC641316	4,78	Unknown
1397953_at	AI113261	similar to AMSH-family protein	LOC687696	2,89	Unknown
1383587_at	BF283779	similar to Butyrate-induced transcript 1	RGD1565496	-4,50	Unknown
1373469_at	BF408841	similar to Butyrate-induced transcript 1	RGD1565496	-3,53	Unknown
1372338_at	AI599079	similar to CG9240-PA	LOC687395	-1,52	Unknown
1373514_at	AA899109	similar to chromosome 17 open reading frame 27	LOC688296	163,64	Unknown
1371731_at	AI408151	similar to Coatomer gamma-2 subunit (Gamma-2 coat protein) (Gamma-2 COP)	RGD1566215	-20,52	Unknown
1388647_at	AI233753	similar to coiled-coil-helix-coiled-coil-helix domain containing 7	LOC684258	-1,54	Unknown
1398966_at	AI169154	similar to differentially expressed in B16F10 1	LOC687029	-2,39	Unknown
1373506_at	AA944568	similar to early estrogen-induced gene 1 protein	LOC687750	1,68	Unknown
1391062_at	AA875129	similar to elongation protein 4 homolog	LOC687694	-1,88	Unknown
1389783_s_at	BI280865	similar to Fc fragment of IgG binding protein; IgG Fc binding protein	RGD1311906	-4,70	Unknown
1374953_at	AI599484	similar to hCG2030844	LOC100130890	-2,05	Unknown
1371332_at	AA848821	similar to Histone H1.2 (H1 VAR.1) (H1c)	LOC684681	-2,14	Unknown

1393841_at	AA859317	similar to hypothetical protein FLJ31810	RGD1310773	-3,58	Unknown
1390226_at	AI408343	similar to hypothetical protein LOC340061	RGD1562552	3,55	Unknown
1374670_at	BM384543	similar to hypothetical protein MGC20700	RGD1307722	9,02	Unknown
1376718_at	AI575121	similar to hypothetical protein MGC49416	LOC255374	-1,98	Unknown
1388447_at	AA800701	similar to limb-bud and heart	LOC683626	-4,01	Unknown
1372472_at	AA859614	similar to Microtubule-associated protein RP/EB family member 2 (APC-binding protein EB2) (End-binding protein 2) (EB2)	LOC679221	-2,29	Unknown
1392733_at	BM391545	similar to mirror-image polydactyly 1	LOC687620	1,79	Unknown
1380079_at	AW533923	similar to mKIAA2005 protein	RGD1561472	34,08	Unknown
1385571_at	AA923865	similar to Nuclear autoantigen Sp-100 (Speckled 100 kDa) (Nuclear dot-associated Sp100 protein)	LOC679623	8,24	Unknown
1371956_at	BG372686	similar to praja1, RING-H2 motif containing	LOC683077	-2,16	Unknown
1367495_at	AI412457	similar to prefoldin 4	RGD1560211	-1,72	Unknown
1392975_at	AI058938	similar to Protease-associated domain-containing protein of 21 kDa precursor	LOC686393	-2,12	Unknown
1389387_at	BF561377	similar to Proteasome inhibitor PI31 subunit	RCG 37297	3,21	Unknown
1373403_at	AI230625	similar to Protein C8orf4 (Thyroid cancer protein 1) (TC-1)	LOC684871	56,06	Unknown
1386669_at	BF565188	similar to Protein KIAA0690	LOC679127	-2,19	Unknown
1373197_at	AI578263	similar to Protein KIAA1404	LOC686701	25,42	Unknown
1399131_at	AI703580	similar to ribosomal protein, mitochondrial, S22	LOC683519	-1,86	Unknown
1376985_at	AA866482	similar to RIKEN cDNA 2310007F12	RGD1562416	-1,63	Unknown
1388616_at	AI233746	similar to RIKEN cDNA 2310042G06	MGC72955	-2,03	Unknown
1398886_at	BI285703	similar to Selenoprotein H	RGD1563348	-1,69	Unknown
1371848_at	AA799526	similar to small nuclear ribonucleoprotein D3	LOC687711	-1,63	Unknown
1371546_at	BI284988	similar to TR4 orphan receptor associated protein TRA16	LOC361128	-1,87	Unknown
1377156_at	BI273936	similar to Transcription factor 7-like 2 (HMG box transcription factor 4) (T-cell-specific transcription factor 4) (TCF-4) (hTCF-4)	LOC683733	14,08	Unknown
1376691_at	AI103213	similar to transmembrane protein 64	LOC679161	-2,24	Unknown
1384116_at	AA924216	similar to vacuolar protein sorting 37D	RCG 21373	7,75	Unknown
1375045_at	BM387520	similar to WD repeat domain 59	LOC686799	1,56	Unknown
1379558_at	AA957033	similar to zinc finger protein 748 isoform 2	LOC680222	6,19	Unknown
1383962_at	BI275530	SIVA1, apoptosis-inducing factor	SIVA1	-3,01	Cytoplasm
1388655_at	AW252465	Sjogren syndrome nuclear autoantigen 1	SSNA1	-3,03	Plasma Membrane
1372167_at	AW525656	Small nuclear ribonucleoprotein G-like protein	LOC100130932	-1,68	Nucleus
1376546_at	BE120498	small VCP/p97-interacting protein	SVIP (includes EG:258010)	-2,03	Cytoplasm
1388640_at	BI279654	SMT3 suppressor of mif two 3 homolog 3 (S. cerevisiae)	SUMO3	-2,48	Nucleus
1380909_at	BM385894	solute carrier family 25 (mitochondrial carrier; phosphate carrier), member 24	SLC25A24	1,97	Cytoplasm
1392978_at	BE117086	solute carrier family 25, member 28	SLC25A28	5,51	Unknown
1381765_at	AI137388	solute carrier family 25, member 39	SLC25A39	-1,60	Cytoplasm
1379632_at	AI502790	solute carrier family 25, member 40	SLC25A40	-2,25	Cytoplasm
1382150_at	BG377042	solute carrier family 25, member 46	SLC25A46	-1,66	Unknown
1378899_at	BE108523	solute carrier family 35, member D3	SLC35D3	-1,90	Unknown
1389391_at	AI411981	solute carrier family 35, member E3	SLC35E3	-1,52	Unknown
1376117_at	BI289103	solute carrier family 44, member 4	SLC44A4	4,51	Unknown
1367762_at	NM_012659	somatostatin	SST	-2,09	Extracellular Space
1375349_at	BI295776	sorbin and SH3 domain containing 1	SORBS1	4,34	Plasma Membrane
1379742_at	BI301216	SP100 nuclear antigen	SP100	4,16	Nucleus
1396268_at	BF523991	SP110 nuclear body protein	SP110	11,76	Nucleus
1372930_at	AI411381	SP110 nuclear body protein	SP110	13,19	Nucleus
1394819_at	AI177957	SP110 nuclear body protein	SP110	20,47	Nucleus
1388452_at	AI716904	sparc/osteonectin, cwcv and kazal-like domains proteoglycan (testican) 2	SPOCK2	-1,66	Extracellular Space
1383839_at	AI576427	spastic paraplegia 20 (Troyer syndrome)	SPG20	-3,92	Cytoplasm
1372633_at	AI178531	spastic paraplegia 20 (Troyer syndrome)	SPG20	-2,58	Cytoplasm
1382020_at	BE105500	sperm associated antigen 9	SPAG9	1,50	Plasma Membrane
1397828_at	BF387796	SPHK1 interactor, AKAP domain containing	SPHKAP	2,77	Unknown
1370899_at	AI599699	splicing factor proline/glutamine-rich (polypyrimidine tract binding protein associated)	SFPQ	-2,10	Nucleus
1376160_at	BF408850	splicing factor, arginine/serine-rich 16	SFRS16	10,97	Nucleus
1374441_at	AI180035	SPRY domain containing 4	SPRYD4	-3,37	Unknown
1389639_at	BF283302	Src homology 2 domain containing adaptor protein B	SHB	2,73	Unknown
1368157_at	NM_024346	stathmin-like 3	STMN3	-1,92	Nucleus
1370680_at	AF483620	staufen, RNA binding protein, homolog 2 (Drosophila)	STAU2	6,10	Cytoplasm
1379754_at	AI070598	staufen, RNA binding protein, homolog 2 (Drosophila)	STAU2	8,37	Cytoplasm

1385397_at	AA859085	STEAP family member 4	STEAP4	16,68	Plasma Membrane
1378043_at	AW532890	sterile alpha motif domain containing 9	SAMD9	35,57	Unknown
1376693_at	AA998964	sterile alpha motif domain containing 9	SAMD9	285,27	Unknown
1390312_at	BG670441	sterile alpha motif domain containing 9-like	SAMD9L	51,28	Unknown
1379279_at	AI234719	stromal interaction molecule 2	STIM2	2,11	Plasma Membrane
1372422_at	AI175506	sulfatase modifying factor 1	SUMF1	-4,76	Cytoplasm
1371679_at	BE113393	synaptopodin 2	SYNPO2	-3,02	Cytoplasm
1373865_at	BF281248	synaptosomal-associated protein, 91kDa homolog (mouse)	SNAP91	2,49	Plasma Membrane
1370418_s_at	U30831	synaptotagmin XVII	SYT17	-2,75	Plasma Membrane
1367721_at	NM_012649	syndecan 4	SDC4	10,83	Plasma Membrane
1391628_at	BF418596	synovial sarcoma translocation, chromosome 18	SS18	1,58	Nucleus
1371568_at	AI145381	synuclein, beta	SNCB	-4,91	Cytoplasm
1393095_at	BI276113	tankyrase 1 binding protein 1, 182kDa	TNKS1BP1	3,69	Nucleus
1373050_at	AW917731	TBC1 (tre-2/USP6, BUB2, cdc16) domain family, member 1	TBC1D1	3,57	Nucleus
1389642_at	H35643	TBC1 domain family, member 13	TBC1D13	2,12	Unknown
1388679_at	AI412244	TBC1 domain family, member 14	TBC1D14	-2,27	Unknown
1375074_at	BE113756	TBK1 binding protein 1	TBKBP1	1,58	Unknown
1372507_at	AA901093	T-cell leukemia translocation altered gene	TCTA	-2,39	Unknown
1381167_at	BF390767	T-cell lymphoma invasion and metastasis 1	TIAM1	2,11	Cytoplasm
1392980_at	AI716456	T-cell lymphoma invasion and metastasis 1	TIAM1	2,67	Cytoplasm
1374257_at	BM389265	T-cell lymphoma invasion and metastasis 1	TIAM1	4,01	Cytoplasm
1368049_at	NM_012670	t-complex 1	TCP1	-2,01	Cytoplasm
1389557_at	BM384037	testis expressed 261	TEX261	-1,96	Extracellular Space
1372980_at	AA819250	tetraspanin 33	TSPAN33	-2,12	Unknown
1380725_at	AW251317	tetraspanin 5	TSPAN5	-3,77	Plasma Membrane
1399037_at	AI227962	tetratricopeptide repeat domain 19	TTC19	-1,93	Unknown
1383948_at	AA998083	tetratricopeptide repeat domain 28	TTC28	-4,10	Unknown
1386309_at	AI176361	tetratricopeptide repeat domain 28	TTC28	-1,56	Unknown
1376974_at	BG381669	tetratricopeptide repeat domain 7A	TTC7A	2,67	Plasma Membrane
1376035_at	BI274308	tetratricopeptide repeat domain 7B	TTC7B	-2,33	Unknown
1378416_at	AA892565	tetratricopeptide repeat domain 8	TTC8	-3,18	Cytoplasm
1376013_at	BF282700	tetratricopeptide repeat domain 9	TTC9	-1,76	Unknown
1376613_at	BI279201	tetratricopeptide repeat domain 9C	TTC9C	2,04	Unknown
1371557_at	BI275281	THAP domain containing 4	THAP4	-1,60	Unknown
1379849_at	BE098416	THO complex 3	THOC3	-1,66	Nucleus
1388567_at	BF282947	THUMP domain containing 1	THUMPD1	-2,29	Unknown
1367655_at	NM_021261	thymosin beta 10	TMSB10	1,83	Cytoplasm
1372473_at	AW434048	tight junction protein 1 (zona occludens 1)	TJP1	2,58	Plasma Membrane
1367712_at	NM_053819	TIMP metalloproteinase inhibitor 1	TIMP1	18,59	Extracellular Space
1398984_at	AA818129	TM2 domain containing 2	TM2D2	-2,08	Extracellular Space
1388492_at	AW919111	TNFAIP3 interacting protein 1	TNIP1	35,16	Nucleus
1378572_at	BF408962	toll interacting protein	TOLLIP	1,95	Cytoplasm
1381958_at	BE107587	topoisomerase (DNA) II binding protein 1	TOPBP1	-3,14	Nucleus
1387917_at	U19614	torsin A interacting protein 1	TOR1AIP1	2,53	Nucleus
1388024_s_at	U20286	torsin A interacting protein 1	TOR1AIP1	2,99	Nucleus
1381980_at	BI278862	torsin A interacting protein 2	TOR1AIP2	2,04	Cytoplasm
1367603_at	NM_022922	TPII pseudogene	LOC729708	-2,70	Unknown
1372252_at	BE112892	trafficking protein particle complex 1	TRAPPC1	-1,91	Cytoplasm
1371466_at	AI177397	trafficking protein particle complex 2	TRAPPC2	-1,65	Cytoplasm
1367523_at	AI409145	trafficking protein particle complex 2-like	TRAPPC2L	-2,26	Unknown
1382311_at	BM384466	TRAF-interacting protein with forkhead-associated domain	TIFA	78,65	Unknown
1373757_at	AW529298	TRAF-type zinc finger domain containing 1	TRAFD1	4,93	Unknown
1387169_at	NM_053400	transducin-like enhancer of split 3 (E(sp1) homolog, Drosophila)	TLE3	2,22	Nucleus
1390278_at	BI279652	transformer-2 alpha	TRA2A	1,57	Nucleus
1377762_at	BG381701	transformer-2 alpha	TRA2A	1,82	Nucleus
1368706_at	NM_053785	transmembrane 4 L six family member 4	TM4SF4	-2,61	Plasma Membrane
1390832_at	BI294696	transmembrane and coiled-coil domain family 3	TMCC3	6,97	Unknown
1379541_at	BE329099	transmembrane and tetratricopeptide repeat containing 4	TMTC4	-4,38	Unknown

1376102_at	BI292351	transmembrane BAX inhibitor motif containing 1	TMBIM1	4,69	Unknown
1371968_at	AI013781	transmembrane BAX inhibitor motif containing 4	TMBIM4	3,48	Nucleus
1393845_a_at	AI556940	transmembrane channel-like 4	TMC4	2,60	Unknown
1385436_at	AI556940	transmembrane channel-like 4	TMC4	3,24	Unknown
1385714_at	BF545988	transmembrane channel-like 4	TMC4	4,83	Unknown
1375904_at	AI011285	transmembrane emp24 protein transport domain containing 5	TMED5	1,50	Cytoplasm
1389467_at	BM391248	transmembrane protein 100	TMEM100	-4,36	Unknown
1374948_at	BI275815	transmembrane protein 106A	TMEM106A	14,12	Unknown
1390042_at	AI071166	transmembrane protein 140	TMEM140	52,78	Unknown
1387636_a_at	NM_134395	transmembrane protein 14C	TMEM14C	-3,35	Plasma Membrane
1376904_at	AI716115	transmembrane protein 151A	TMEM151A	14,19	Unknown
1382471_at	AI709698	transmembrane protein 177	TMEM177	-5,67	Unknown
1392518_at	AI577870	transmembrane protein 184B	TMEM184B	3,36	Unknown
1386346_at	BI275715	transmembrane protein 19	TMEM19	2,41	Unknown
1394842_at	BF289172	transmembrane protein 19	TMEM19	3,44	Unknown
1372217_at	BM385348	transmembrane protein 199	TMEM199	-1,76	Unknown
1379323_at	BE109498	transmembrane protein 203	TMEM203	-4,88	Unknown
1393165_at	BG377684	transmembrane protein 206	TMEM206	-3,15	Unknown
1383118_at	BI288120	transmembrane protein 209	TMEM209	-2,61	Unknown
1389561_at	BE110624	transmembrane protein 218	TMEM218	-2,86	Extracellular Space
1389171_at	AI104326	transmembrane protein 38A	TMEM38A	-8,43	Unknown
1382689_at	BI276519	transmembrane protein 41B	TMEM41B	-1,78	Unknown
1372100_at	BI283746	transmembrane protein 50A	TMEM50A	1,55	Plasma Membrane
1383375_at	BI293584	transmembrane protein 55A	TMEM55A	-2,36	Unknown
1373309_at	BI281129	transmembrane protein 86A	TMEM86A	4,60	Unknown
1371454_at	BI285673	transmembrane protein 93	TMEM93	-1,63	Unknown
1373161_at	BM386009	transmembrane protein 98	TMEM98	-2,13	Cytoplasm
1387218_at	NM_013042	trefoil factor 3 (intestinal)	TFF3	-2,51	Extracellular Space
1375664_at	BI294732	trinucleotide repeat containing 6A	TNRC6A	1,58	Nucleus
1373550_at	BI280318	tripartite motif-containing 11	TRIM11	-1,88	Cytoplasm
1383369_at	AI028875	tripartite motif-containing 26	TRIM26	3,07	Cytoplasm
1378293_at	AI556246	tripartite motif-containing 26	TRIM26	3,90	Cytoplasm
1371786_at	BE111791	tripartite motif-containing 35	TRIM35	-2,17	Cytoplasm
1373398_at	BI275184	tripartite motif-containing 37	TRIM37	-1,98	Cytoplasm
1372112_at	AA945761	tripartite motif-containing 5	TRIM5	6,84	Cytoplasm
1385252_at	BI280655	tripartite motif-containing 6	TRIM6	26,34	Unknown
1374017_at	BI289517	tripartite motif-containing 72	TRIM72	4,56	Unknown
1372500_at	BG378269	tropomodulin 3 (ubiquitous)	TMOD3	1,71	Cytoplasm
1383986_at	AI071098	tropomyosin 3	TPM3	1,90	Cytoplasm
1379959_at	BI280216	tryptophan rich basic protein	WRB	-5,14	Extracellular Space
1373034_at	AI177128	tryptophan rich basic protein	WRB	-2,51	Extracellular Space
1389108_at	AI710235	tubulin folding cofactor D	TBCD	-1,58	Cytoplasm
1371542_at	BI284599	tubulin, alpha 4a	TUBA4A	-1,79	Cytoplasm
1371390_at	AA892044	tubulin, beta 2C	TUBB2C	-2,22	Cytoplasm
1370351_at	AB030644	tudor domain containing 7	TDRD7	2,55	Cytoplasm
1378343_at	BF405132	tuftelin interacting protein 11	TFIP11	-2,83	Extracellular Space
1371785_at	BI303379	tumor necrosis factor receptor superfamily, member 12A	TNFRSF12A	5,01	Plasma Membrane
1391573_at	AA891842	tumor necrosis factor receptor superfamily, member 21	TNFRSF21	-4,89	Plasma Membrane
1388773_at	BI278479	tumor necrosis factor, alpha-induced protein 2	TNFAIP2	35,44	Extracellular Space
1391880_at	AA893670	tumor protein D52	TPD52	-1,56	Cytoplasm
1372626_at	AI231999	tumor protein D52-like 1	TPD52L1	-2,60	Cytoplasm
1379385_at	AW534879	tumor suppressing subtransferable candidate 1	TSSC1	-1,96	Unknown
1398342_at	BF549775	tumor suppressor candidate 2	TUSC2	-1,96	Nucleus
1368762_at	NM_053299	ubiquitin D	UBD	551,61	Nucleus
1383538_at	BF545850	ubiquitin protein ligase E3 component n-recogin 3 (putative)	UBR3	-1,58	Unknown
1388770_at	BI275670	ubiquitin-fold modifier 1	UFM1	-1,78	Cytoplasm
1373299_at	BI295816	UBX domain protein 1	UBXN1	1,63	Cytoplasm
1381982_at	BF403568	UDP-N-acetylglucosamine pyrophosphorylase 1-like 1	UAP1L1	-3,83	Unknown

1371972_at	BM388888	unc-84 homolog B (C. elegans)	UNC84B	2,95	Nucleus
1382043_at	AI234533	unc-93 homolog B1 (C. elegans)	UNC93B1	3,96	Unknown
1371651_at	BI295882	vacuolar protein sorting 25 homolog (S. cerevisiae)	VPS25	-1,57	Nucleus
1376680_at	BG379765	vacuolar protein sorting 37 homolog C (S. cerevisiae)	VPS37C	3,74	Cytoplasm
1370974_at	AJ010392	vacuolar protein sorting 54 homolog (S. cerevisiae)	VPS54	4,35	Unknown
1368474_at	NM_012889	vascular cell adhesion molecule 1	VCAMI	34,83	Plasma Membrane
1389213_at	AI408955	vasohibin 1	VASH1	2,46	Extracellular Space
1373338_at	AI175767	vimentin-type IF-associated coiled-coil protein	VMAC	-5,05	Unknown
1388791_at	BI275911	viral DNA polymerase-transactivated protein 6	LOC26010	2,72	Unknown
1368854_at	AI227991	visinin-like 1	VSNL1	-12,89	Cytoplasm
1377000_at	BI297041	WAS protein homology region 2 domain containing 1	WHDC1	2,36	Unknown
1374204_at	BM388946	WD repeat and SOCS box-containing 1	WSB1	1,88	Unknown
1398424_at	AA799515	WD repeat and SOCS box-containing 2	WSB2	-2,59	Unknown
1372218_at	BM384448	WD repeat domain 12	WDR12	-1,76	Cytoplasm
1385804_x_at	AA956841	WD repeat domain 36	WDR36 (includes EG:361305)	-1,68	Unknown
1373399_at	BI291997	WD repeat domain 6	WDR6 (includes EG:301007)	-2,51	Unknown
1389644_at	BI289857	WD repeat domain 67	WDR67	-2,79	Unknown
1388560_at	AI412580	WD repeat domain 77	WDR77	-1,66	Nucleus
1376339_at	BM385270	WWC family member 3	WWC3	-1,71	Unknown
1371843_at	AI234128	Yip1 domain family, member 5	YIPF5	-1,73	Unknown
1370305_at	U96490	Yip1 interacting factor homolog A (S. cerevisiae)	YIF1A	-2,81	Cytoplasm
1375429_at	BI294768	ZH16 protein	ZH16	-1,65	Unknown
1394849_at	BF402012	zinc finger and BTB domain containing 20	ZBTB20	2,19	Nucleus
1375867_at	AW524493	zinc finger and BTB domain containing 4	ZBTB4	-1,88	Nucleus
1389907_at	AI169317	zinc finger and BTB domain containing 8 opposite strand	ZBTB8OS	-3,97	Unknown
1378049_at	AI603565	zinc finger and SCAN domain containing 20	ZSCAN20	-2,51	Nucleus
1374208_at	BE116569	zinc finger CCCH-type containing 7A	ZC3H7A	2,75	Unknown
1372789_at	BF397881	zinc finger protein 32	ZNF32	-2,16	Nucleus
1392995_at	BG669396	zinc finger protein 322A	ZNF322A	-1,57	Cytoplasm
1390148_a_at	BM388100	zinc finger protein 395	ZNF395	-5,99	Cytoplasm
1389523_at	BM386127	zinc finger protein 598	ZNF598	3,25	Unknown
1392913_at	AA964151	zinc finger protein 710	ZNF710	1,69	Nucleus
1373136_at	AI013609	zinc finger with UFM1-specific peptidase domain	ZUFSP	3,07	Unknown
1373264_at	BE110658	zinc finger, BED-type containing 3	ZBED3	-2,09	Unknown
1367540_at	AI044872	zinc finger, FYVE domain containing 26	ZFYVE26	6,24	Unknown
1389152_at	AI412984	zinc finger, FYVE domain containing 27	ZFYVE27	-2,80	Unknown
1392454_at	BI296999	zinc finger, HIT type 6	ZNHIT6	2,70	Unknown
1371842_at	AI227747	zinc finger, matrin type 2	ZMAT2	-1,60	Nucleus
1391255_at	BE110035	zinc finger, MYND-type containing 15	ZMYND15	70,10	Unknown
1391972_a_at	BE108410	zinc finger, SWIM-type containing 4	ZSWIM4	13,23	Unknown
Not classified by IPA					
1386521_at	AI511291	A kinase (PRKA) anchor protein 2	Akap2	18,78	
1391548_at	AA955786	A kinase (PRKA) anchor protein 5	Akap5	1,78	
1393028_at	BM383152	abhydrolase domain containing 4 (predicted)	Abhd4_predicted	-2,51	
1374432_at	BE118251	activated leukocyte cell adhesion molecule	Alcam	1,73	
1382294_at	AI576111	activated leukocyte cell adhesion molecule	Alcam	3,07	
1395163_at	BI296281	ADP-dependent glucokinase	Adpgk	2,50	
1393048_at	BF561277	adrenergic receptor, alpha 2a	Adra2a	-6,03	
1393114_at	AI136684	alpha-2,6-sialyltransferase ST6GalNAc IV	siat7D	2,27	
1370583_s_at	AY082609	ATP-binding cassette, sub-family B (MDR/TAP), member 1	Abcb1	32,80	
1392397_at	BF389365	BMP-2 inducible kinase	Bmp2k	-3,05	
1377345_at	AI502211	bobby sox homolog (Drosophila) (predicted)	Bbx_predicted	2,10	
1391009_a_at	AA851338	branched chain ketoacid dehydrogenase E1, alpha polypeptide	Bckdha	1,53	
1375636_at	AI600042	casein kinase II, alpha 1 polypeptide	Csnk2a1	-1,61	
1392184_at	BI298049	CASP8 and FADD-like apoptosis regulator	Cflar	1,71	
1381173_at	BG375010	caspace 4, apoptosis-related cysteine peptidase	Casp4	15,89	
1377712_at	AI556865	catenin (cadherin-associated protein), delta 2	Ctnd2	-2,32	
1392897_at	AA924586	CCAAT/enhancer binding protein zeta (predicted)	Cebpz_predicted	-2,03	

1372225_at	BE119802	centrosome-associated protein 350
1396754_at	BF403379	coatamer protein complex, subunit zeta 1 (predicted)
1374731_at	BI275929	coilin
1380670_at	BE095613	CUG triplet repeat, RNA binding protein 2
1379535_at	AI073064	cyclin H
1374932_at	BI282731	dedicator of cytokinesis 6 (predicted)
1391259_at	BE104618	dehydrogenase/reductase (SDR family) member 1
1388479_at	BI294841	dihydropyrimidinase-like 3
1381525_at	BF419130	enabled homolog (Drosophila)
1380327_at	AI408747	glutamate receptor interacting protein 1
1393735_at	AI712582	glutamine and serine rich 1 (predicted)
1383055_at	AW143805	guanine nucleotide binding protein, alpha q polypeptide
1376618_at	AI236218	hypothetical protein LOC691931
1376728_at	BM392264	hypothetical RNA binding protein RGD1359713
1378212_at	BI303251	inositol hexaphosphate kinase 1
1390671_at	AI044666	insulin-like growth factor 1 receptor
1375790_at	BI300458	insulin-like growth factor binding protein 7
1383476_at	AW528065	inter-alpha trypsin inhibitor, heavy chain 3
1394097_at	AA849706	Kv channel-interacting protein 1
1379228_at	BF418531	latent transforming growth factor beta binding protein 4
1394716_at	AI011137	lectin, mannose-binding 2-like (predicted)
1380049_at	AI599448	leucine-rich repeats and calponin homology (CH) domain containing 3 (predicted)
1383080_at	BI292252	lysosomal membrane glycoprotein 2
1380097_at	BE098726	lysosomal-associated protein transmembrane 4A
1390827_at	AA997679	MAD homolog 3 (Drosophila)
1377831_at	BF285316	monoamine oxidase A
1397114_at	BF388191	nuclear fragile X mental retardation protein interacting protein 1
1397004_at	BF394158	nuclear receptor subfamily 3, group C, member 1
1376863_at	BE109118	phosphatidylinositol 3-kinase, regulatory subunit, polypeptide 1
1396138_at	BF544511	phosphatidylinositol-4-phosphate 5-kinase, type 1 beta (predicted)
1391295_at	AI136393	phosphodiesterase 10A
1380570_at	AI145593	piccolo (presynaptic cytomatrix protein)
1378689_at	BF409044	plakophilin 4 (predicted)
1373818_at	AI408351	potassium channel tetramerisation domain containing 12 (predicted)
1382255_at	BE110785	pre-B-cell colony enhancing factor 1
1371593_at	BI296121	proliferating cell nuclear antigen
1383421_at	BM386110	proliferating cell nuclear antigen
1378510_at	BF386239	protein kinase inhibitor, gamma
1390821_at	AI103156	protocadherin alpha 4
1389022_at	AI102760	putative aminopeptidase Fxna
1373237_at	BI281233	rap2 interacting protein x
1377791_at	BI299500	Ras-related GTP binding B
1396139_at	BE120196	Rho GTPase activating protein 26 (predicted)
1378800_at	BI291526	Rho GTPase activating protein 8
1382389_at	AI179755	Rho guanine nucleotide exchange factor (GEF) 5
1391266_at	AI072881	RT1 class Ib, locus Aw2
1377036_at	BE102350	RT1 class Ib, locus Aw2
1382437_at	BM383464	RT1 class Ib, locus Aw2
1379496_at	AI029460	RT1 class Ib, locus Aw2
1390562_s_at	BE102350	RT1 class Ib, locus Aw2
1379357_at	AI408767	RT1 class Ib, locus Aw2
1393108_at	BM387813	RT1 class Ib, locus Aw2
1380129_at	AA818937	RT1 class Ib, locus Aw2
1380415_at	AI233027	RT1 class Ib, locus Aw2
1392954_at	AI029637	RT1 class Ib, locus Aw2
1379818_at	BF288109	RT1 class Ib, locus Aw2
1382088_at	AI548753	ryanodine receptor 2, cardiac
1375374_at	BF400606	sequestosome 1

Cap350	4,07
Copz1_predicted	2,20
Coil	4,91
Cugbp2	2,85
Ccnh	2,65
Dock6_predicted	-1,88
Dhrs1	-3,70
Dpysl3	5,80
Enah	2,73
Grip1	1,98
Qser1_predicted	2,93
Gnaq	-1,66
LOC691931	2,20
RGD1359713	1,72
Ihpk1	1,63
Igf1r	1,78
Igfbp7	2,13
Itih3	7,76
Kcnip1	-2,42
Ltbp4	2,31
Lman2l_predicted	-2,59
Lrch3_predicted	1,99
Lamp2	1,66
Laptm4a	2,26
Smad3	-1,72
Maoa	-1,93
Nufip1	1,83
Nr3c1	2,25
Pik3r1	-2,19
Pip5k1b_predicted	1,62
Pde10a	-6,47
Pclo	-5,00
Pkp4_predicted	1,96
Kctd12_predicted	-5,52
Pbef1	5,42
Pcna	-1,98
Pcna	-1,52
Pkig	1,78
Pcdha4	2,02
Fxna	3,09
Ripx	-1,83
RragB	-6,32
Arhgap26_predicted	1,75
Arhgap8	3,61
Arhgef5	4,42
RT1-Aw2	3,42
RT1-Aw2	7,13
RT1-Aw2	7,44
RT1-Aw2	7,62
RT1-Aw2	7,86
RT1-Aw2	7,96
RT1-Aw2	10,23
RT1-Aw2	10,50
RT1-Aw2	12,40
RT1-Aw2	19,49
RT1-Aw2	37,73
Ryr2	13,05
Sqstm1	1,82

1384643_at	AI071465	serine (or cysteine) proteinase inhibitor, clade A, member 3M
1385218_at	AI044551	similar to AD24 (predicted)
1377733_at	AA944531	similar to beta-catenin-interacting protein ICAT
1378987_at	BE119446	similar to CG18769-PB, isoform B
1378097_at	AI599593	similar to endoplasmic oxidoreductase 1 beta (predicted)
1398991_at	BM389704	similar to expressed sequence AA408877
1382942_at	BF397627	similar to Ext1
1374766_at	BE103616	similar to F33H2.2
1397223_at	AI231513	similar to FYVE, RhoGEF and PH domain containing 6 (predicted)
1385926_at	BF550565	similar to GLI pathogenesis-related 2
1376990_at	BE118704	similar to HCDI protein (predicted)
1392251_at	BF397284	similar to hypothetical protein (predicted)
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1374429_at	AI598401	8,38
1374627_at	BF283727	8,50
1388600_at	AI011713	9,04
1398408_at	AI948410	9,92
1393494_at	AA866419	10,00
1379371_at	BF284791	10,20
1373703_at	BE113247	10,95
1374622_at	BE107309	11,30
1390240_at	BM389611	11,77
1392777_at	BF287676	12,10
1380119_at	AA996432	12,37
1391958_at	BE119699	12,92
1379696_at	BI291833	13,14
1390391_at	BF283381	13,15
1396755_at	BF399394	13,65
1390024_at	AI237685	13,95
1379379_at	BF392753	14,21
1390659_at	BI302830	14,54
1395110_at	BE110272	16,51
1377826_at	AI176721	18,23

1372479_at	AI175666			18,45
1385925_at	AA963975			18,75
1386695_at	BF565756			19,90
1383939_at	BG378849			20,28
1381228_at	AI073001			21,81
1392655_at	AA997266			23,51
1393728_at	AA964541			33,00
1393957_at	AI548358			34,49
1383189_at	AA818143			34,96
1383757_at	AI044802			37,96
1373843_at	BE107419			46,87
1391106_at	BM385061			87,76
1374337_at	AI408954			114,11
1385641_at	AI070558			124,37
1397611_at	AW525619			246,48
1385380_at	AI044983			292,90
1382950_at	AA901350			407,52

Primary rat β -cells were left untreated or exposed to TNF- α +IFN- γ (TNF+IFN) for 6h. 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