

**Suppl. Table IV: Up and down regulated genes after exposure to IL-1 $\beta$  + IFN- $\gamma$  for 6h detected by array analysis**

probe	GenBank	gene names/functional groups	Symbol	FC	localization
		<b>Cytokine</b>			
1367973_at	NM_031530	chemokine (C-C motif) ligand 13	CCL13	962,72	Extracellular Space
1369814_at	AF053312	chemokine (C-C motif) ligand 20	CCL20	168,86	Extracellular Space
1379935_at	BF419899	chemokine (C-C motif) ligand 7	CCL7	131,27	Extracellular Space
1368200_at	NM_134455	chemokine (C-X3-C motif) ligand 1	CX3CL1	13,04	Extracellular Space
1388032_a_at	D87927	chemokine (C-X-C motif) ligand 1 (melanoma growth stimulating activity, alpha)	CXCL1	3,31	Extracellular Space
1387969_at	U22520	chemokine (C-X-C motif) ligand 10	CXCL10	262,95	Extracellular Space
1379365_at	BF281987	chemokine (C-X-C motif) ligand 11	CXCL11	79,73	Extracellular Space
1372064_at	BI296385	chemokine (C-X-C motif) ligand 16	CXCL16	15,71	Extracellular Space
1387316_at	NM_030845	chemokine (C-X-C motif) ligand 2	CXCL2	392,45	Extracellular Space
1368760_at	NM_053647	chemokine (C-X-C motif) ligand 3	CXCL3	282,14	Extracellular Space
1373544_at	AI170387	chemokine (C-X-C motif) ligand 9	CXCL9	238,15	Extracellular Space
1382454_at	AI044222	chemokine (C-X-C motif) ligand 9	CXCL9	290,48	Extracellular Space
1372056_at	AI406687	CKLF-like MARVEL transmembrane domain containing 6	CMTM6	2,35	Extracellular Space
1379631_at	AI071665	colony stimulating factor 1 (macrophage)	CSF1	12,69	Extracellular Space
1368375_a_at	AF015718	interleukin 15	IL15	10,36	Extracellular Space
1389014_at	BI297612	nicotinamide phosphoribosyltransferase	NAMPT	3,44	Extracellular Space
1391384_at	AA819227	tumor necrosis factor (TNF superfamily, member 2)	TNF	56,92	Extracellular Space
		<b>Enzyme</b>			
1367777_at	NM_057197	2,4-dienoyl CoA reductase 1, mitochondrial	DECR1	-2,22	Cytoplasm
1370818_at	AF044574	2,4-dienoyl CoA reductase 2, peroxisomal	DECR2	-1,53	Cytoplasm
1388056_at	AF068268	2'-5' oligoadenylate synthetase 1B	OAS1B	7,33	Unknown
1388118_at	AI176586	3-hydroxyisobutyrate dehydrogenase	HIBADH	-1,82	Cytoplasm
1369799_at	U29701	4-aminobutyrate aminotransferase	ABAT	-1,86	Cytoplasm
1391107_at	BI275784	5'-3' exoribonuclease 1	XRN1	4,02	Cytoplasm
1379854_at	AA996933	abhydrolase domain containing 5	ABHD5	2,95	Cytoplasm
1383416_at	AA899304	acetyl-Coenzyme A acetyltransferase 1	ACAT1	-3,11	Cytoplasm
1367763_at	D13921	acetyl-Coenzyme A acetyltransferase 1	ACAT1	-2,13	Cytoplasm
1386916_at	NM_017321	aconitase 1, soluble	ACO1	-4,39	Cytoplasm
1397375_at	BM384537	acyl-CoA synthetase long-chain family member 5	ACSL5	-2,62	Cytoplasm
1386926_at	NM_053607	acyl-CoA synthetase long-chain family member 5	ACSL5	1,67	Cytoplasm
1373389_at	BM391807	acyl-Coenzyme A dehydrogenase family, member 9	ACAD9	-1,94	Cytoplasm
1367702_at	NM_016986	acyl-Coenzyme A dehydrogenase, C-4 to C-12 straight chain	ACADM	-3,26	Cytoplasm
1368342_at	NM_031544	adenosine monophosphate deaminase (isoform E)	AMPD3	13,27	Unknown
1377498_at	BE100752	adenosine monophosphate deaminase 2 (isoform L)	AMPD2	-5,78	Unknown
1367933_at	NM_031011	adenosylmethionine decarboxylase 1	AMD1	-1,93	Unknown
1367960_at	NM_019186	ADP-ribosylation factor-like 4A	ARL4A	3,24	Nucleus
1387867_at	BG672075	aldehyde dehydrogenase 9 family, member A1	ALDH9A1	-2,18	Cytoplasm
1367843_at	NM_134407	aldo-keto reductase family 7, member A2 (aflatoxin aldehyde reductase)	AKR7A2	-2,23	Cytoplasm
1367720_at	NM_012899	aminolevulinate, delta-, dehydratase	ALAD	-4,35	Cytoplasm
1392689_at	AI105029	arachidonate lipoxygenase 3	ALOXE3	7,44	Unknown
1368266_at	NM_017134	arginase, liver	ARG1	-1,55	Cytoplasm
1370964_at	BF283456	argininosuccinate synthetase 1	ASS1	5,93	Cytoplasm
1374823_at	BI291651	ariadne homolog, ubiquitin-conjugating enzyme E2 binding protein, 1 (Drosophila)	ARIH1	-1,88	Cytoplasm
1389339_at	BF284062	arylsulfatase A	ARSA	-1,57	Cytoplasm
1382019_at	AA998062	asparagine-linked glycosylation 5, dolichyl-phosphate beta-glucosyltransferase homolog (S. cerevisiae)	ALG5	-2,19	Cytoplasm
1367854_at	NM_016987	ATP citrate lyase	ACLY	-1,64	Cytoplasm
1370113_at	NM_023987	baculoviral IAP repeat-containing 3	BIRC3	75,09	Cytoplasm
1398373_at	AA799400	beta-1,3-N-acetylgalactosaminyltransferase 1 (globoside blood group)	B3GALNT1	2,34	Cytoplasm
1388617_at	AW914746	biphenyl hydrolase-like (serine hydrolase)	BPHL	-2,55	Cytoplasm
1371886_at	AI411979	carnitine acetyltransferase	CRAT	-2,51	Cytoplasm
1368426_at	NM_031987	carnitine O-octanoyltransferase	CROT	4,31	Cytoplasm
1368418_a_at	AF202115	ceruloplasmin (ferroxidase)	CP	38,32	Extracellular Space
1368420_at	NM_012532	ceruloplasmin (ferroxidase)	CP	57,87	Extracellular Space
1368419_at	AF202115	ceruloplasmin (ferroxidase)	CP	65,88	Extracellular Space

1393365_at	AW433625	chromodomain helicase DNA binding protein 1	CHD1 (includes EG:308215)	2,38	Unknown
1374945_at	BI281827	chromosome 14 open reading frame 172	C14ORF172	-2,16	Unknown
1367633_at	BI296610	coiled-coil domain containing 92	CCDC92 (includes EG:80212)	2,45	Cytoplasm
1392506_at	AI575645	crystallin, zeta (quinone reductase)-like 1	CRYZL1	-1,83	Cytoplasm
1393343_at	BE115856	cullin 3	CUL3	-2,00	Nucleus
1367755_at	NM_052809	cysteine dioxygenase, type I	CDO1	-7,94	Cytoplasm
1370808_at	J03867	cytochrome b5 reductase 3	CYB5R3	-4,38	Cytoplasm
1371837_at	AA851926	DEAD (Asp-Glu-Ala-Asp) box polypeptide 5	DDX5	-1,74	Nucleus
1391463_at	AI575264	DEAD (Asp-Glu-Ala-Asp) box polypeptide 58	DDX58	8,93	Cytoplasm
1383635_at	BM385099	DEAD (Asp-Glu-Ala-Asp) box polypeptide 59	DDX59	-2,12	Unknown
1381556_at	BI303853	DEAD (Asp-Glu-Ala-Asp) box polypeptide 60	DDX60	79,30	Unknown
1389407_at	BE099453	dehydrogenase/reductase (SDR family) member 1	DHRS1	-3,40	Cytoplasm
1370814_at	AB062758	dehydrogenase/reductase (SDR family) member 4	DHRS4	-3,28	Cytoplasm
1387865_at	AI411157	deoxyuridine triphosphatase	DUT (includes EG:497778)	-3,58	Unknown
1385481_at	AW526551	dermatan sulfate epimerase-like	DSEL	-2,94	Unknown
1385277_x_at	AA818849	DEXH (Asp-Glu-X-His) box polypeptide 58	DHX58	6,50	Cytoplasm
1385439_x_at	BF417541	DEXH (Asp-Glu-X-His) box polypeptide 58	DHX58	15,52	Cytoplasm
1385276_a_at	AA818849	DEXH (Asp-Glu-X-His) box polypeptide 58	DHX58	18,55	Cytoplasm
1382440_at	AI410813	diacylglycerol lipase, beta	DAGLB	-2,21	Unknown
1384788_at	BF393298	diacylglycerol lipase, beta	DAGLB	-2,02	Unknown
1367909_at	NM_134387	dicarbonyl/L-xylulose reductase	DCXR	-4,16	Cytoplasm
1382348_at	AI230216	dihydroorotate dehydrogenase	DHODH	-1,88	Cytoplasm
1392678_a_at	AA956455	DNA (cytosine-5-)-methyltransferase 3 alpha	DNMT3A	2,82	Nucleus
1374300_at	AA997139	ectonucleoside triphosphate diphosphohydrolase 4	ENTPD4	-2,01	Cytoplasm
1382434_at	AI059015	ectonucleoside triphosphate diphosphohydrolase 5	ENTPD5	-1,50	Cytoplasm
1373912_at	AI170859	ectonucleotide pyrophosphatase/phosphodiesterase 4 (putative function)	ENPP4	3,34	Unknown
1374399_at	AA801107	EH-domain containing 4	EHD4	4,56	Plasma Membrane
1372106_at	BI284307	EH-domain containing 4	EHD4	7,20	Plasma Membrane
1391534_at	BG666735	elongation of very long chain fatty acids (FEN1/Elo2, SUR4/Elo3, yeast)-like 2	ELOVL2	-2,63	Cytoplasm
1391462_at	AI179635	emopamil binding protein-like	EBPL	-2,03	Cytoplasm
1372592_at	AI411391	ES cell expressed Ras	ERAS	-2,17	Plasma Membrane
1368717_at	NM_024132	fatty acid amide hydrolase	FAAH	-1,84	Plasma Membrane
1367857_at	NM_053445	fatty acid desaturase 1	FADS1	-4,71	Plasma Membrane
1389320_at	BF419881	F-box protein 25	FBXO25	-2,25	Unknown
1388470_at	AA892772	F-box protein 9	FBXO9	-1,97	Cytoplasm
1384344_at	AI060231	FK506 binding protein 7	FKBP7	-2,65	Cytoplasm
1367670_at	NM_017005	fumarate hydratase	FH	-2,93	Cytoplasm
1372676_at	BI275774	fumarylacetoacetate hydrolase domain containing 1	FAHD1	-2,84	Cytoplasm
1379556_a_at	AI105210	geranylgeranyl diphosphate synthase 1	GGPS1	1,54	Cytoplasm
1373669_at	BG374650	glucosamine-6-phosphate deaminase 2	GNPDA2	3,53	Unknown
1374903_at	AI234819	glucosaminyl (N-acetyl) transferase 2, I-branching enzyme (I blood group)	GCNT2	6,63	Cytoplasm
1367856_at	NM_017006	glucose-6-phosphate dehydrogenase	G6PD	-1,57	Cytoplasm
1367901_at	NM_017015	glucuronidase, beta	GUSB	-2,71	Cytoplasm
1368344_at	NM_017007	glutamate decarboxylase 1 (brain, 67kDa)	GAD1	-2,14	Cytoplasm
1377761_at	BI296057	glutamine-fructose-6-phosphate transaminase 2	GFPT2	6,51	Unknown
1367705_at	AF319950	glutaredoxin (thioltransferase)	GLRX	-4,29	Cytoplasm
1367774_at	NM_031509	glutathione S-transferase alpha 1	GSTA1	-1,72	Cytoplasm
1387023_at	NM_031154	glutathione S-transferase mu 2 (muscle)	GSTM2	-2,66	Cytoplasm
1370365_at	L38615	glutathione synthetase	GSS	-2,18	Cytoplasm
1368890_at	NM_053410	glyceronephosphate O-acyltransferase	GNPAT	-1,73	Cytoplasm
1388715_at	AA818089	glycyl-tRNA synthetase	GARS	-2,23	Cytoplasm
1373337_at	AI412065	glyoxylate reductase/hydroxypyruvate reductase	GRHPR	-3,58	Cytoplasm
1387906_a_at	AF107845	GNAS complex locus	GNAS	-2,03	Plasma Membrane
1374489_at	BF282573	GTP binding protein 2	GTPBP2	2,71	Unknown
1382351_at	AI069972	GTP binding protein overexpressed in skeletal muscle	GEM	-2,74	Plasma Membrane
1368332_at	NM_133624	guanylate binding protein 2, interferon-inducible	GBP2	504,10	Cytoplasm
1385051_at	BE108569	guanylate binding protein 4	GBP4 (includes EG:115361)	127,69	Cytoplasm
1382902_at	AA943147	hect domain and RLD 6	HERC6	19,63	Unknown

1370237_at	AA799574	hydroxyacyl-Coenzyme A dehydrogenase	HADH	-4,88	Cytoplasm
1373924_at	AI712686	hypothetical protein FLJ11151	FLJ11151	-2,57	Unknown
1371817_at	BI285489	inositol-3-phosphate synthase 1	ISYNA1	-1,71	Unknown
1396163_at	BF563316	interferon gamma induced GTPase	IGTP	4,54	Cytoplasm
1376151_a_at	AI407953	interferon gamma induced GTPase	IGTP	26,91	Cytoplasm
1375796_at	BI300770	interferon gamma induced GTPase	IGTP	32,18	Cytoplasm
1397304_at	AW525366	interferon gamma induced GTPase	IGTP	171,65	Cytoplasm
1377950_at	AA955213	interferon inducible GTPase 1	IIGP1	63,41	Unknown
1373992_at	AI408440	interferon inducible GTPase 1	IIGP1	140,49	Unknown
1390507_at	BI296097	interferon stimulated exonuclease gene 20kDa	ISG20	2,40	Nucleus
1370865_at	BI277627	isocitrate dehydrogenase 3 (NAD+) gamma	IDH3G	-1,64	Cytoplasm
1382462_at	BF290937	L-2-hydroxyglutarate dehydrogenase	L2HGDH	-2,87	Cytoplasm
1370218_at	AA848319	lactate dehydrogenase B	LDHB	-3,35	Cytoplasm
1383743_at	BI275464	leucine rich repeat containing 16A	LRRC16A	1,67	Unknown
1381190_at	AI598833	LIM domain 7	LMO7	-2,68	Cytoplasm
1371662_at	AA892250	lysyl-tRNA synthetase	KARS	2,75	Cytoplasm
1374696_at	AI170182	mannosidase, alpha, class 1A, member 2	MAN1A2	2,13	Cytoplasm
1377463_at	BE099244	mannosidase, alpha, class 2A, member 2	MAN2A2	1,93	Cytoplasm
1371875_at	BM388852	mannosidase, beta A, lysosomal	MANBA	2,46	Cytoplasm
1367796_at	NM_030861	mannosyl (alpha-1,3-)-glycoprotein beta-1,2-N-acetylglucosaminyltransferase	MGAT1	-2,01	Cytoplasm
1383025_at	BE097791	meningioma expressed antigen 5 (hyaluronidase)	MGEA5	2,69	Unknown
1370129_at	NM_131904	meningioma expressed antigen 5 (hyaluronidase)	MGEA5	3,23	Unknown
1371031_at	AI454484	methionine adenosyltransferase I, alpha	MAT1A	2,34	Cytoplasm
1371350_at	AI412159	methionine adenosyltransferase II, alpha	MAT2A	-1,59	Cytoplasm
1377060_at	AI410674	methylcrotonoyl-Coenzyme A carboxylase 2 (beta)	MCCC2	-2,14	Cytoplasm
1368181_at	NM_022508	methylenetetrahydrofolate dehydrogenase (NADP+ dependent) 1, methylenetetrahydrofolate cyclohydrolase, formyltetrahydrofolate synthetase	MTHFD1	3,34	Cytoplasm
1367541_at	BE113965	methyltransferase like 5	METTL5	-1,59	Unknown
1377041_at	AA891664	MFNG O-fucosylpeptide 3-beta-N-acetylglucosaminyltransferase	MFNG	-4,16	Cytoplasm
1374062_x_at	AA946204	microtubule-associated protein, RP/EB family, member 3	MAPRE3	-2,73	Cytoplasm
1388744_at	AI599678	minichromosome maintenance complex component 7	MCM7	-2,96	Nucleus
1393287_at	AW915147	Mov10, Moloney leukemia virus 10, homolog (mouse)	MOV10	1,92	Nucleus
1374725_at	AW252811	Mov10, Moloney leukemia virus 10, homolog (mouse)	MOV10	32,94	Nucleus
1372863_at	BF409872	MYC binding protein 2	MYCBP2	1,79	Nucleus
1390423_at	BE104245	MYC binding protein 2	MYCBP2	1,90	Nucleus
1387866_at	AI178160	myosin IXB	MYO9B	6,12	Cytoplasm
1389474_at	AA818380	myosin regulatory light chain interacting protein	MYLIP	-1,68	Cytoplasm
1371725_at	BM392410	myosin, heavy chain 9, non-muscle	MYH9	2,57	Cytoplasm
1387283_at	NM_134350	myxovirus (influenza virus) resistance 1, interferon-inducible protein p78 (mouse)	MX1	2,68	Nucleus
1369202_at	NM_017028	myxovirus (influenza virus) resistance 1, interferon-inducible protein p78 (mouse)	MX1	21,17	Nucleus
1371015_at	X52711	myxovirus (influenza virus) resistance 2 (mouse)	MX2	7,25	Nucleus
1368208_at	NM_133558	N-acetyltransferase 8B (GCN5-related, putative, gene/pseudogene)	NAT8B	-2,28	Unknown
1374959_at	AA945624	NAD(P)H dehydrogenase, quinone 2	NQO2	6,20	Cytoplasm
1391126_at	BG379351	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 12	NDUFA12	-3,59	Cytoplasm
1387859_at	AI410876	NFS1 nitrogen fixation 1 homolog (S. cerevisiae)	NFS1	-1,65	Cytoplasm
1387667_at	L12562	nitric oxide synthase 2, inducible	NOS2	374,97	Cytoplasm
1368410_at	NM_012601	N-methylpurine-DNA glycosylase	MPG	-2,77	Nucleus
1372295_at	BF551356	nuclear prelamin A recognition factor	NARF	-2,02	Nucleus
1376118_at	BE109604	OTU domain, ubiquitin aldehyde binding 2	OTUB2	-2,80	Unknown
1375848_at	BG668051	paraoxonase 2	PON2	-2,77	Extracellular Space
1371863_at	BM387059	phosphatidylglycerophosphate synthase 1	PGS1	3,42	Cytoplasm
1398309_at	D88364	phosphatidylinositol glycan anchor biosynthesis, class L	PIGL	-2,01	Cytoplasm
1372900_at	BI274156	phosphatidylinositol glycan anchor biosynthesis, class T	PIGT	-2,37	Cytoplasm
1368438_at	NM_022236	phosphodiesterase 10A	PDE10A	-2,38	Cytoplasm
1374157_at	AA858930	phosphodiesterase 4B, cAMP-specific (phosphodiesterase E4 dunce homolog, Drosophila)	PDE4B	4,85	Cytoplasm
1370569_at	BF565001	phosphodiesterase 4D, cAMP-specific (phosphodiesterase E3 dunce homolog, Drosophila)	PDE4D	-1,78	Cytoplasm
1371044_at	BF410284	phosphodiesterase 7A	PDE7A	1,64	Cytoplasm
1368128_at	NM_031598	phospholipase A2, group IIA (platelets, synovial fluid)	PLA2G2A	4,05	Extracellular Space
1370385_at	U51898	phospholipase A2, group VI (cytosolic, calcium-independent)	PLA2G6	2,18	Cytoplasm

1392099_at	AI549022	phospholipase C, eta 1	PLCH1	7,88	Cytoplasm
1370531_a_at	U69550	phospholipase D1, phosphatidylcholine-specific	PLD1	2,43	Cytoplasm
1369029_at	NM_057194	phospholipid scramblase 1	PLSCR1	6,28	Plasma Membrane
1388641_at	AI410319	phosphoribosylglycinamide formyltransferase, phosphoribosylglycinamide synthetase, phosphoribosylaminoimidazole synthetase	GART	-2,80	Cytoplasm
1376001_at	BG380440	polymerase (RNA) I polypeptide E, 53kDa	POLR1E	-1,59	Nucleus
1382604_at	BE117925	polymerase (RNA) III (DNA directed) polypeptide G (32kD)	POLR3G	-2,47	Nucleus
1370407_at	AF332142	prenylcysteine oxidase 1	PCYOX1	-2,46	Cytoplasm
1389336_at	BM390893	processing of precursor 5, ribonuclease P/MRP subunit (S. cerevisiae)	POP5	-2,53	Nucleus
1371963_at	BF395042	propionyl Coenzyme A carboxylase, alpha polypeptide	PCCA	-1,51	Cytoplasm
1368259_at	NM_017043	prostaglandin-endoperoxide synthase 1 (prostaglandin G/H synthase and cyclooxygenase)	PTGS1	4,58	Cytoplasm
1368527_at	U03389	prostaglandin-endoperoxide synthase 2 (prostaglandin G/H synthase and cyclooxygenase)	PTGS2	6,36	Cytoplasm
1374424_at	BE112720	protein arginine methyltransferase 5	PRMT5	-1,71	Cytoplasm
1388717_at	BM384163	protein O-fucosyltransferase 2	POFUT2	-3,87	Cytoplasm
1375916_at	AA955163	protein-L-isoaspartate (D-aspartate) O-methyltransferase domain containing 2	PCMTD2	-1,87	Cytoplasm
1374454_at	BM388557	protein-L-isoaspartate (D-aspartate) O-methyltransferase domain containing 2	PCMTD2	-1,68	Cytoplasm
1371871_at	AI409731	RAB12, member RAS oncogene family	RAB12	1,99	Cytoplasm
1383089_at	BM386264	RAB21, member RAS oncogene family	RAB21	1,59	Cytoplasm
1370181_at	BF281403	RAB4A, member RAS oncogene family	RAB4A	-2,30	Cytoplasm
1391347_at	BF398743	RAB8B, member RAS oncogene family	RAB8B	7,18	Cytoplasm
1370913_at	AI409634	radical S-adenosyl methionine domain containing 2	RSAD2	1019,52	Unknown
1368217_at	NM_032067	ralA binding protein 1	RALBP1	1,54	Cytoplasm
1392922_at	BE116619	RAP2B, member of RAS oncogene family	RAP2B	1,65	Plasma Membrane
1371659_at	AA891940	ras homolog gene family, member C	RHOC	2,85	Plasma Membrane
1387908_at	AF239157	RAS, dexamethasone-induced 1	RASD1	8,69	Cytoplasm
1376881_at	AW528057	Ras-related GTP binding B	RRAGB	-4,92	Nucleus
1369696_at	NM_053972	Ras-related GTP binding B	RRAGB	-2,94	Nucleus
1368373_at	NM_019343	regulator of G-protein signaling 7	RGS7	-1,65	Cytoplasm
1368500_a_at	NM_019224	regulator of G-protein signaling 9	RGS9	2,04	Cytoplasm
1374921_at	BI274548	regulator of telomere elongation helicase 1	RTEL1	-2,68	Nucleus
1393351_at	BE109501	retinol dehydrogenase 10 (all-trans)	RDH10	10,54	Unknown
1373923_at	BF283756	retinol dehydrogenase 10 (all-trans)	RDH10	10,56	Unknown
1384391_at	BE096510	retinol dehydrogenase 10 (all-trans)	RDH10	14,84	Unknown
1398494_at	BF404279	REV1 homolog (S. cerevisiae)	REV1	1,91	Nucleus
1376066_at	AI103572	Rho family GTPase 3	RND3	6,49	Cytoplasm
1386062_at	AI060227	Rho family GTPase 3	RND3	7,60	Cytoplasm
1389632_at	AA799294	Rho-related BTB domain containing 1	RHOBTB1	-2,09	Unknown
1389003_at	BI282008	Rho-related BTB domain containing 3	RHOBTB3	-4,81	Unknown
1376440_at	BF391522	ring finger protein 139	RNF139	2,63	Cytoplasm
1393193_at	BF522381	RNA pseudouridylate synthase domain containing 2	RPUSD2	-2,59	Unknown
1379957_at	BE107457	schlafen family member 13	SLFN13	22,60	Nucleus
1374524_at	BM384384	selenocysteine lyase	SCLY	4,52	Cytoplasm
1393134_at	BG375377	selenophosphate synthetase 1	SEPHS1	-2,31	Unknown
1393256_at	AI137711	selenophosphate synthetase 1	SEPHS1	-2,23	Unknown
1374457_at	AI180194	serine palmitoyltransferase, long chain base subunit 2	SPTLC2	1,82	Cytoplasm
1390096_at	BF284481	SH3-domain GRB2-like endophilin B1	SH3GLB1	1,68	Cytoplasm
1381203_at	AA819246	SH3-domain GRB2-like endophilin B1	SH3GLB1	2,59	Cytoplasm
1374007_at	AI178499	SLU7 splicing factor homolog (S. cerevisiae)	SLU7	-1,89	Nucleus
1398420_at	BF393807	SMAD specific E3 ubiquitin protein ligase 2	SMURF2	1,64	Cytoplasm
1371774_at	AA893220	spermidine/spermine N1-acetyltransferase 1	SAT1	2,23	Cytoplasm
1374442_at	AI227831	splicing factor, arginine/serine-rich 9	SFRS9	-1,52	Nucleus
1370420_at	J05035	steroid-5-alpha-reductase, alpha polypeptide 1 (3-oxo-5 alpha-steroid delta 4-dehydrogenase alpha 1)	SRD5A1	-1,56	Cytoplasm
1384331_at	H31896	sulfiredoxin 1 homolog (S. cerevisiae)	SRXN1	-2,70	Cytoplasm
1370173_at	BG671549	superoxide dismutase 2, mitochondrial	SOD2	6,74	Cytoplasm
1370172_at	AA892254	superoxide dismutase 2, mitochondrial	SOD2	8,69	Cytoplasm
1375981_a_at	AA997899	suppressor of variegation 3-9 homolog 1 (Drosophila)	SUV39H1	1,95	Nucleus
1372008_at	BM385175	tafazzin	TAZ	-2,41	Nucleus
1398953_at	BM386183	tissue specific transplantation antigen P35B	TSTA3	-1,62	Plasma Membrane
1374467_at	BM389034	TNF receptor-associated protein 1	TRAP1	-3,44	Cytoplasm

1372868_at	BF284295	torsin family 3, member A	TOR3A	1,74	Unknown
1383171_at	BG373674	transcription factor B2, mitochondrial	TFB2M	-2,76	Cytoplasm
1383430_at	BF414509	tRNA splicing endonuclease 2 homolog (S. cerevisiae)	TSEN2	-2,05	Cytoplasm
1388574_at	BG670966	tryptophanyl-tRNA synthetase	WARS	4,08	Cytoplasm
1395124_at	BE101688	tryptophanyl-tRNA synthetase	WARS	15,25	Cytoplasm
1398994_at	BI301193	tyrosylprotein sulfotransferase 2	TPST2	-2,19	Cytoplasm
1376862_at	BI296848	ubiquitination factor E4B (UFD2 homolog, yeast)	UBE4B	-2,16	Cytoplasm
1373037_at	BI279216	ubiquitin-conjugating enzyme E2L 6	UBE2L6	12,83	Cytoplasm
1373438_at	BE329352	ubiquitin-conjugating enzyme E2O	UBE2O	-1,58	Unknown
1379633_a_at	BE096453	ubiquitin-like modifier activating enzyme 7	UBA7	5,17	Cytoplasm
1368858_at	L21698	UDP glycosyltransferase 8	UGT8	-3,69	Cytoplasm
1389246_at	BF282414	UDP-Gal:betaGlcNAc beta 1,4- galactosyltransferase, polypeptide 1	B4GALT1	1,85	Cytoplasm
1387206_at	NM_031740	UDP-Gal:betaGlcNAc beta 1,4- galactosyltransferase, polypeptide 6	B4GALT6	1,64	Cytoplasm
1376202_at	BF416236	UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 1	B3GNT1	-4,78	Cytoplasm
1367938_at	NM_031325	UDP-glucose dehydrogenase	UGDH	2,11	Nucleus
1389587_at	BM384966	uridine monophosphate synthetase	UMPS	-2,19	Cytoplasm
1372905_at	AW433888	vinculin	VCL	1,52	Plasma Membrane
1368839_at	AI407433	Wolfram syndrome 1 (wolframin)	WFS1	-2,08	Cytoplasm
<b>G-protein coupled receptor</b>					
1369787_at	NM_012688	cholecystokinin A receptor	CCKAR	-4,37	Plasma Membrane
1382739_at	AI045718	G protein-coupled receptor 19	GPR19	4,26	Plasma Membrane
1369792_at	U12006	G protein-coupled receptor 6	GPR6	-7,38	Plasma Membrane
1387702_at	U30290	galanin receptor 1	GALR1	-2,42	Plasma Membrane
1368481_at	NM_012714	gastric inhibitory polypeptide receptor	GIPR	-1,80	Plasma Membrane
1370522_at	L04796	glucagon receptor	GCGR	2,69	Plasma Membrane
1374196_at	AI710389	LanC lantibiotic synthetase component C-like 1 (bacterial)	LANCL1	-2,12	Plasma Membrane
1373431_at	AI101427	leucine rich repeat containing 8 family, member D	LRRC8D	1,68	Plasma Membrane
1387177_at	NM_017238	vasoactive intestinal peptide receptor 2	VIPR2	-2,87	Plasma Membrane
1375846_at	BE113490	xenotropic and polytropic retrovirus receptor	XPR1	2,06	Plasma Membrane
<b>Growth factor</b>					
1368325_at	NM_012842	epidermal growth factor (beta-urogastrone)	EGF	1,73	Extracellular Space
1386893_at	NM_017113	granulin	GRN	2,41	Extracellular Space
1383047_at	AA957335	growth arrest-specific 6	GAS6	-2,28	Extracellular Space
1374706_at	BF407916	growth differentiation factor 11	GDF11	-1,77	Extracellular Space
1370427_at	L06238	platelet-derived growth factor alpha polypeptide	PDGFA	6,64	Extracellular Space
1379375_at	BE100812	platelet-derived growth factor alpha polypeptide	PDGFA	8,60	Extracellular Space
1368359_a_at	NM_030997	VGF nerve growth factor inducible	VGF	1,94	Extracellular Space
<b>Ion channel</b>					
1387171_at	NM_017261	glutamate receptor, ionotropic, AMPA 2	GRIA2	-2,72	Plasma Membrane
1370408_at	AF313411	MSTP150	MST150	4,23	Unknown
1391546_at	AI412209	potassium voltage-gated channel, KQT-like subfamily, member 2	KCNQ2	-4,46	Plasma Membrane
1369043_at	NM_012971	potassium voltage-gated channel, shaker-related subfamily, member 4	KCNA4	1,84	Plasma Membrane
1375905_at	AI412746	tweety homolog 1 (Drosophila)	TTYH1	1,60	Unknown
1398578_at	AI102019	tweety homolog 1 (Drosophila)	TTYH1	1,96	Unknown
1370358_at	AB018253	two pore segment channel 1	TPCN1	1,84	Plasma Membrane
1376313_at	BI296463	two pore segment channel 2	TPCN2	2,21	Unknown
<b>Kinase</b>					
1371850_at	AA892829	3'-phosphoadenosine 5'-phosphosulfate synthase 1	PAPSS1 (includes EG:295443)	-2,15	Unknown
1374958_at	AA819640	ADP-dependent glucokinase	ADPGK	-2,50	Unknown
1373494_at	BE120831	breakpoint cluster region	BCR	2,63	Cytoplasm
1372351_at	AI229448	bromodomain containing 4	BRD4	1,67	Nucleus
1367889_at	NM_134468	calcium/calmodulin-dependent protein kinase I	CAMK1	-2,22	Cytoplasm
1391229_at	BG381458	calcium/calmodulin-dependent protein kinase IG	CAMK1G	-2,61	Cytoplasm
1375575_at	BF403410	calcium/calmodulin-dependent protein kinase II beta	CAMK2B	-1,53	Cytoplasm
1368834_at	AA894330	calcium/calmodulin-dependent protein kinase II delta	CAMK2D	2,11	Cytoplasm
1373823_at	AA944180	CDC28 protein kinase regulatory subunit 2	CKS2 (includes EG:1164)	15,39	Unknown
1372536_at	AI105042	chaperone, ABC1 activity of bc1 complex homolog (S. pombe)	CABC1	-3,19	Cytoplasm
1390566_a_at	BI301453	creatine kinase, mitochondrial 1B	CKMT1B	6,60	Cytoplasm

1398622_at	AI703807	cysteine rich transmembrane BMP regulator 1 (chordin-like)
1383424_at	BI276216	cytidine monophosphate (UMP-CMP) kinase 2, mitochondrial
1393044_at	BF282370	cytidine monophosphate (UMP-CMP) kinase 2, mitochondrial
1397439_at	AI101639	diacylglycerol kinase, epsilon 64kDa
1369686_at	U78857	doublecortin-like kinase 1
1374143_at	AI602491	EPH receptor A2
1370699_a_at	AF187818	epidermal growth factor receptor (erythroblastic leukemia viral (v-erb-b) oncogene homolog, avian)
1387242_at	NM_019335	eukaryotic translation initiation factor 2-alpha kinase 2
1368326_at	NM_031599	eukaryotic translation initiation factor 2-alpha kinase 3
1383654_a_at	BE112523	fructosamine 3 kinase
1387312_a_at	NM_012565	glucokinase (hexokinase 4)
1369162_at	NM_013170	guanylate cyclase 2C (heat stable enterotoxin receptor)
1388721_at	BG380282	heat shock 22kDa protein 8
1383519_at	BI294137	hexokinase 2
1373379_at	BF396350	interleukin-1 receptor-associated kinase 1
1368856_at	NM_031514	Janus kinase 2 (a protein tyrosine kinase)
1380110_at	AI229643	Janus kinase 2 (a protein tyrosine kinase)
1390207_at	BM390283	LATS, large tumor suppressor, homolog 2 (Drosophila)
1368710_at	NM_021699	MAP/microtubule affinity-regulating kinase 2
1376176_at	AI145586	microtubule associated serine/threonine kinase 3
1390905_at	AW533482	microtubule associated serine/threonine kinase family member 4
1398834_at	D14592	mitogen-activated protein kinase kinase 2
1369393_at	NM_053847	mitogen-activated protein kinase kinase kinase 8
1373864_at	BM388810	mitogen-activated protein kinase kinase kinase kinase 4
1369000_at	NM_021589	neurotrophic tyrosine kinase, receptor, type 1
1370446_at	AF202049	non-metastatic cells 7, protein expressed in (nucleoside-diphosphate kinase)
1383614_at	BI295051	NUAK family, SNF1-like kinase, 2
1375213_at	BM384604	phosphoenolpyruvate carboxykinase 2 (mitochondrial)
1372182_at	BM389769	phosphofructokinase, platelet
1369050_at	NM_053923	phosphoinositide-3-kinase, class 2, gamma polypeptide
1389723_at	AI172265	phosphoinositide-3-kinase, regulatory subunit 4
1389431_at	BF400782	protein kinase, DNA-activated, catalytic polypeptide
1377053_at	BE117757	protein kinase-like protein SgK196
1372316_at	BM384131	protein kinase-like protein SgK493
1382646_at	AI145475	PRP4 pre-mRNA processing factor 4 homolog B (yeast)
1369688_s_at	U69109	PTK2B protein tyrosine kinase 2 beta
1372229_at	AI179119	pyruvate dehydrogenase kinase, isozyme 3
1368651_at	M17685	pyruvate kinase, liver and RBC
1381279_at	BF412519	receptor-interacting serine-threonine kinase 2
1368596_at	NM_021693	salt-inducible kinase 1
1367802_at	NM_019232	serum/glucocorticoid regulated kinase 1
1388462_at	AI407506	SH3-binding domain kinase 1
1376880_at	AI639447	TANK-binding kinase 1
1380164_at	AI411787	thymidine kinase 2, mitochondrial
1370940_at	BG378746	tight junction protein 2 (zona occludens 2)
1382114_at	BG379991	tousled-like kinase 1
1383827_at	AI059119	tousled-like kinase 1
1390709_at	AI102364	triple functional domain (PTPRF interacting)
1377651_at	AI577848	triple functional domain (PTPRF interacting)

**Ligand-dependent nuclear receptor**

1370816_at	M25804	nuclear receptor subfamily 1, group D, member 1
1379397_at	BE106199	RAR-related orphan receptor A

**Peptidase**

1367922_at	NM_020306	ADAM metallopeptidase domain 17
1373570_at	AI411240	aminopeptidase-like 1
1396386_at	BF408665	beta-site APP-cleaving enzyme 2
1387009_at	NM_019152	calpain 1, (mu/I) large subunit
1373466_at	AA946474	calpastatin

CRIM1	2,64	Extracellular Space
CMPK2	93,30	Cytoplasm
CMPK2	110,97	Cytoplasm
DGKE	-2,23	Cytoplasm
DCLK1	-3,23	Cytoplasm
EPHA2	2,53	Plasma Membrane
EGFR	-1,96	Plasma Membrane
EIF2AK2	4,06	Cytoplasm
EIF2AK3	2,21	Cytoplasm
FN3K	-6,16	Unknown
GCK	-5,10	Cytoplasm
GUCY2C	-3,26	Plasma Membrane
HSPB8	35,81	Cytoplasm
HK2	4,99	Cytoplasm
IRAK1	-1,53	Plasma Membrane
JAK2	9,74	Cytoplasm
JAK2	12,28	Cytoplasm
LATS2	-1,92	Nucleus
MARK2	1,61	Cytoplasm
MAST3	-2,88	Unknown
MAST4	1,77	Unknown
MAP2K2	-1,59	Cytoplasm
MAP3K8	7,73	Cytoplasm
MAP4K4	1,61	Cytoplasm
NTRK1	-4,86	Plasma Membrane
NME7	-1,80	Unknown
NUAK2	3,37	Unknown
PCK2	-2,66	Cytoplasm
PFKP	4,98	Cytoplasm
PIK3C2G	3,00	Cytoplasm
PIK3R4	-3,44	Cytoplasm
PRKDC	-1,66	Nucleus
SGK196	-2,89	Unknown
SGK493	3,24	Unknown
PRPF4B	-2,81	Nucleus
PTK2B	2,11	Cytoplasm
PDK3	-4,78	Cytoplasm
PKLR	-1,97	Cytoplasm
RIPK2	48,63	Plasma Membrane
SNF1LK	-1,73	Cytoplasm
SGK1	2,88	Cytoplasm
SBK1	2,04	Unknown
TBK1	2,22	Cytoplasm
TK2	2,53	Cytoplasm
TJP2	3,92	Plasma Membrane
TLK1	1,51	Cytoplasm
TLK1	1,60	Cytoplasm
TRIO	2,39	Plasma Membrane
TRIO	3,01	Plasma Membrane

NR1D1	3,12	Nucleus
RORA	3,48	Nucleus

ADAM17	3,59	Plasma Membrane
NPEPL1	-3,38	Unknown
BACE2	3,88	Cytoplasm
CAPN1	-2,17	Cytoplasm
CAST	-2,07	Cytoplasm

1387503_at	NM_053526	carboxypeptidase N, polypeptide 1	CPN1	-3,76	Extracellular Space
1387818_at	NM_053736	caspace 4, apoptosis-related cysteine peptidase	CASP4	18,89	Cytoplasm
1373961_at	AI170410	chromosome 3 open reading frame 38	C3ORF38	5,13	Unknown
1383241_at	BI292425	complement component 1, r subcomponent	C1R	126,90	Extracellular Space
1387893_at	D88250	complement component 1, s subcomponent	C1S	35,79	Extracellular Space
1368000_at	NM_016994	complement component 3	C3	46,87	Extracellular Space
1382710_at	AA997271	ectodermal-neural cortex (with BTB-like domain)	ENC1	2,57	Nucleus
1388666_at	AI179988	ectodermal-neural cortex (with BTB-like domain)	ENC1	5,16	Nucleus
1368356_a_at	NM_030836	endoplasmic reticulum aminopeptidase 1	ERAP1	2,12	Extracellular Space
1387149_at	NM_030836	endoplasmic reticulum aminopeptidase 1	ERAP1	11,17	Extracellular Space
1388204_at	M60616	matrix metallopeptidase 13 (collagenase 3)	MMP13	14,99	Extracellular Space
1368657_at	NM_133523	matrix metallopeptidase 3 (stromelysin 1, progelatinase)	MMP3	6,71	Extracellular Space
1369669_at	NM_053970	neurolysin (metallopeptidase M3 family)	NLN	4,48	Cytoplasm
1382181_at	AI555069	pigeon homolog (Drosophila)	PION	4,75	Unknown
1367800_at	NM_013151	plasminogen activator, tissue	PLAT	3,31	Extracellular Space
1367710_at	NM_017257	proteasome (prosome, macropain) activator subunit 2 (PA28 beta)	PSME2	4,77	Cytoplasm
1382426_at	AA997406	proteasome (prosome, macropain) subunit, alpha type, 7	PSMA7	-1,71	Cytoplasm
1374033_at	BG373505	proteasome (prosome, macropain) subunit, beta type, 10	PSMB10	8,20	Cytoplasm
1367786_at	NM_080767	proteasome (prosome, macropain) subunit, beta type, 8 (large multifunctional peptidase 7)	PSMB8	115,61	Cytoplasm
1370186_at	AI599350	proteasome (prosome, macropain) subunit, beta type, 9 (large multifunctional peptidase 2)	PSMB9	158,45	Cytoplasm
1394086_at	AI069981	SUMO1/sentrin specific peptidase 7	SENP7	1,74	Nucleus
1387195_at	AB049189	suppression of tumorigenicity 14 (colon carcinoma)	ST14	16,18	Plasma Membrane
1389034_at	BI295179	ubiquitin specific peptidase 18	USP18	9,26	Cytoplasm
1378679_at	BG372484	ubiquitin specific peptidase 25	USP25	8,43	Unknown
1389091_at	AI411205	ubiquitin specific peptidase 3	USP3	3,78	Cytoplasm
1374940_at	BM388945	ubiquitin specific peptidase 36	USP36	-1,89	Nucleus
1372121_at	BF284408	ubiquitin specific peptidase 9, X-linked	USP9X	-1,57	Plasma Membrane
1381605_at	AW521619	ubiquitin specific protease 13 (isopeptidase T-3)	USP13 (includes EG:310306)	-2,40	Unknown
1390339_at	BE099435	ubiquitin specific protease 13 (isopeptidase T-3)	USP13 (includes EG:310306)	-2,29	Unknown
1377849_at	BI284363	valosin containing protein (p97)/p47 complex interacting protein 1	VCPIP1	1,86	Cytoplasm
		<b>Phosphatase</b>			
1388544_at	BI294941	2,3-bisphosphoglycerate mutase	BPGM	2,39	Unknown
1368146_at	U02553	dual specificity phosphatase 1	DUSP1	4,54	Nucleus
1386396_at	AW528387	dual specificity phosphatase 8	DUSP8	1,58	Nucleus
1394340_at	BF523172	inositol polyphosphate-1-phosphatase	INPP1	4,26	Cytoplasm
1399125_at	BI275516	inositol polyphosphate-1-phosphatase	INPP1	9,33	Cytoplasm
1372101_at	AI177031	phosphatidic acid phosphatase type 2B	PPAP2B	3,71	Plasma Membrane
1386968_at	NM_022676	protein phosphatase 1, regulatory (inhibitor) subunit 1A	PPP1R1A	-3,50	Cytoplasm
1383191_at	BE097583	protein phosphatase 1, regulatory (inhibitor) subunit 1A	PPP1R1A	-3,45	Cytoplasm
1373656_at	AI713313	protein phosphatase 1, regulatory (inhibitor) subunit 3D	PPP1R3D	-3,30	Unknown
1399005_at	BG673380	protein phosphatase 2, regulatory subunit B', alpha isoform	PPP2R5A	-1,60	Cytoplasm
1382154_at	BI289625	protein tyrosine phosphatase, non-receptor type 12	PTPN12	2,46	Cytoplasm
1368087_a_at	NM_133545	protein tyrosine phosphatase, non-receptor type 21	PTPN21	4,22	Cytoplasm
1389362_at	AI317821	protein tyrosine phosphatase, non-receptor type 3	PTPN3	3,62	Cytoplasm
		<b>Transcription regulator</b>			
1369268_at	NM_012912	activating transcription factor 3	ATF3	15,73	Nucleus
1382070_at	AA819758	activating transcription factor 7 interacting protein	ATF7IP	2,04	Nucleus
1388601_at	AI598410	activator of basal transcription 1	ABT1	-2,74	Nucleus
1371996_at	AI232384	AE binding protein 2	AEBP2	-1,72	Nucleus
1374526_at	BF396420	ankyrin repeat and FYVE domain containing 1	ANKFY1	2,43	Nucleus
1379113_at	BE119226	ankyrin repeat and SOCS box-containing 3	ASB3	-1,82	Nucleus
1371805_at	AI406508	ankyrin repeat domain 46	ANKRD46	-2,37	Nucleus
1369049_at	NM_053885	arginine-glutamic acid dipeptide (RE) repeats	RERE	1,68	Nucleus
1372964_at	BI294751	AT rich interactive domain 5B (MRF1-like)	ARID5B	3,34	Nucleus
1387212_at	NM_012863	basic helix-loop-helix domain containing, class B, 8	BHLHB8	-2,74	Nucleus
1398482_at	AI411774	B-cell CLL/lymphoma 3	BCL3	26,38	Nucleus
1373868_at	AI717547	BCL2-associated transcription factor 1	BCLAF1	1,58	Nucleus
1393550_at	BF564195	cAMP responsive element modulator	CREM	-4,26	Nucleus

1387343_at	NM_013154	CCAAT/enhancer binding protein (C/EBP), delta
1367515_at	BE111850	CCR4-NOT transcription complex, subunit 7
1379538_at	BE104961	centromere protein J
1387113_at	NM_053335	C-terminal binding protein 2
1370421_a_at	AB029342	cullin-associated and neddylation-dissociated 2 (putative)
1392958_at	AI547426	cyldromatosis (turban tumor syndrome)
1386988_at	NM_031801	deformed epidermal autoregulatory factor 1 (Drosophila)
1372453_at	AI012637	down-regulator of transcription 1, TBP-binding (negative cofactor 2)
1374119_at	BI279615	E74-like factor 3 (ets domain transcription factor, epithelial-specific)
1368321_at	NM_012551	early growth response 1
1373420_at	AI175479	ECSIT homolog (Drosophila)
1376292_at	BM383423	ets homologous factor
1373097_at	BF282125	excision repair cross-complementing rodent repair deficiency, complementation group 6
1393843_at	AI071911	fem-1 homolog b (C. elegans)
1368550_at	NM_022858	forkhead box Q1
1385464_at	AI070944	forkhead box Q1
1368489_at	NM_012953	FOS-like antigen 1
1372415_at	BM385649	general transcription factor IIIH, polypeptide 3, 34kDa
1374625_at	AI176616	hairy and enhancer of split 6 (Drosophila)
1374846_at	AI230884	hexamethylene bis-acetamide inducible 1
1388761_at	AI180339	histone deacetylase 1
1370908_at	AA892297	histone deacetylase 2
1391560_at	AI237082	human immunodeficiency virus type I enhancer binding protein 1
1368073_at	NM_012591	interferon regulatory factor 1
1398561_at	BI302791	interferon regulatory factor 2
1383564_at	BF411036	interferon regulatory factor 7
1372097_at	BF284262	interferon regulatory factor 8
1383448_at	AI029121	interferon regulatory factor 9
1389528_s_at	BI288619	jun oncogene
1369788_s_at	NM_021835	jun oncogene
1375205_at	Z83046	K(lysine) acetyltransferase 2B
1385961_at	BF561079	Kruppel-like factor 5 (intestinal)
1394039_at	BM382886	Kruppel-like factor 5 (intestinal)
1387060_at	NM_031642	Kruppel-like factor 6
1389913_at	BI276990	leucine rich repeat (in FLII) interacting protein 1
1389351_at	BM387864	leucine rich repeat (in FLII) interacting protein 1
1386156_at	AI639451	mediator complex subunit 13
1398344_at	BI287962	mediator complex subunit 17
1386895_at	NM_053409	melanoma antigen family D, 1
1377124_at	AA964824	metal-regulatory transcription factor 1
1376810_at	AI103325	M-phase phosphoprotein 8
1381069_at	BF413433	myeloid/lymphoid or mixed-lineage leukemia (trithorax homolog, Drosophila)
1378210_at	BE114473	myeloid/lymphoid or mixed-lineage leukemia (trithorax homolog, Drosophila)
1378211_s_at	BE114473	myeloid/lymphoid or mixed-lineage leukemia (trithorax homolog, Drosophila)
1375793_at	BI295700	myeloid/lymphoid or mixed-lineage leukemia (trithorax homolog, Drosophila)
1388701_at	AI555336	myeloid/lymphoid or mixed-lineage leukemia (trithorax homolog, Drosophila); translocated to, 6
1392770_at	BF415817	neogenin homolog 1 (chicken)
1378359_at	AI072632	NFKB repressing factor
1369409_at	NM_022856	NGFI-A binding protein 1 (EGR1 binding protein 1)
1393172_at	AA848648	NGFI-A binding protein 1 (EGR1 binding protein 1)
1393144_at	BM388202	N-myc (and STAT) interactor
1381875_at	BM386847	N-myc (and STAT) interactor
1390426_at	BF389398	Notch homolog 1, translocation-associated (Drosophila)
1398362_at	AI011448	Notch homolog 2 (Drosophila)
1371202_a_at	AB012232	nuclear factor I/B
1370968_at	AA858801	nuclear factor of kappa light polypeptide gene enhancer in B-cells 1
1375989_a_at	AI170362	nuclear factor of kappa light polypeptide gene enhancer in B-cells 2 (p49/p100)
1378032_at	AI176265	nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor, zeta

CEBPD	2,34	Nucleus
CNOT7	2,45	Nucleus
CENPJ	5,32	Nucleus
CTBP2	2,37	Nucleus
CAND2	-1,82	Nucleus
CYLD	2,82	Nucleus
DEAF1	-1,55	Nucleus
DR1	-1,53	Nucleus
ELF3	2,82	Nucleus
EGR1	5,96	Nucleus
ECSIT	-2,23	Nucleus
EHF	6,33	Nucleus
ERCC6	-1,51	Nucleus
FEM1B	-3,13	Nucleus
FOXQ1	2,05	Nucleus
FOXQ1	2,99	Nucleus
FOSL1	2,17	Nucleus
GTF2H3	-1,53	Nucleus
HES6	-2,58	Nucleus
HEXIM1	-1,82	Nucleus
HDAC1	-1,70	Nucleus
HDAC2	-1,64	Nucleus
HIVEP1	1,80	Nucleus
IRF1	66,39	Nucleus
IRF2	6,57	Nucleus
IRF7	90,31	Nucleus
IRF8	81,26	Nucleus
IRF9	12,18	Nucleus
JUN	4,00	Nucleus
JUN	4,71	Nucleus
KAT2B	3,52	Nucleus
KLF5	13,91	Nucleus
KLF5	14,60	Nucleus
KLF6	8,13	Nucleus
LRRFIP1	3,24	Nucleus
LRRFIP1	4,55	Nucleus
MED13	2,11	Nucleus
MED17	3,00	Nucleus
MAGED1	-1,60	Plasma Membrane
MTF1	2,07	Nucleus
MPHOSPH8	5,01	Nucleus
MLL	2,00	Nucleus
MLL	2,05	Nucleus
MLL	3,19	Nucleus
MLL	3,87	Nucleus
MLLT6	7,23	Nucleus
NEO1	-1,89	Plasma Membrane
NKRF	-1,61	Nucleus
NAB1	1,89	Nucleus
NAB1	2,83	Nucleus
NMI	4,71	Cytoplasm
NMI	19,10	Cytoplasm
NOTCH1	2,34	Plasma Membrane
NOTCH2	1,96	Plasma Membrane
NFIB	4,14	Nucleus
NFKB1	19,06	Nucleus
NFKB2	12,32	Nucleus
NFKBIZ	12,91	Nucleus



1372196_at	BI284203	nuclear receptor co-repressor 2	NCOR2	1,69	Nucleus
1373433_at	BE108745	nucleosomal binding protein 1	NSBP1	-1,65	Nucleus
1369242_at	NM_013001	paired box 6	PAX6	-2,01	Nucleus
1390531_at	BE098021	peroxisomal proliferator-activated receptor A interacting complex 285	PRIC285 (includes EG:85441)	7,20	Nucleus
1370089_at	NM_031347	peroxisome proliferator-activated receptor gamma, coactivator 1 alpha	PPARGC1A	-3,48	Nucleus
1370995_at	AW528459	POU class 2 homeobox 1	POU2F1	3,39	Nucleus
1398926_at	AI410456	prefoldin subunit 1	PFDN1	-1,81	Cytoplasm
1368702_at	U05989	PRKC, apoptosis, WT1, regulator	PAWR	3,07	Nucleus
1370300_at	AF061817	prolactin regulatory element binding	PREB	-2,51	Nucleus
1382191_at	AI228848	protein inhibitor of activated STAT, 1	PIAS1	1,78	Nucleus
1391550_at	BE108780	RAD54-like 2 (S. cerevisiae)	RAD54L2	1,66	Nucleus
1383349_at	BE115594	regulatory factor X, 5 (influences HLA class II expression)	RFX5	2,72	Nucleus
1389381_at	AI411586	sequestosome 1	SQSTM1	6,96	Cytoplasm
1388842_at	BG380385	serum response factor (c-fos serum response element-binding transcription factor)	SRF	3,62	Nucleus
1372757_at	BM386875	signal transducer and activator of transcription 1, 91kDa	STAT1	7,38	Nucleus
1368835_at	AW434718	signal transducer and activator of transcription 1, 91kDa	STAT1	14,50	Nucleus
1387354_at	NM_032612	signal transducer and activator of transcription 1, 91kDa	STAT1	28,13	Nucleus
1373670_at	AA799569	signal transducer and activator of transcription 2, 113kDa	STAT2	10,31	Nucleus
1389571_at	BG666368	signal transducer and activator of transcription 2, 113kDa	STAT2	17,98	Nucleus
1371781_at	BI285863	signal transducer and activator of transcription 3 (acute-phase response factor)	STAT3	2,02	Nucleus
1370224_at	BE113920	signal transducer and activator of transcription 3 (acute-phase response factor)	STAT3	2,66	Nucleus
1368517_at	NM_053358	single stranded DNA binding protein 3	SSBP3	1,86	Nucleus
1392957_at	BF565151	single-stranded DNA binding protein 2	SSBP2	-1,52	Nucleus
1373993_at	AA799470	small nuclear RNA activating complex, polypeptide 5, 19kDa	SNAPC5	-1,52	Nucleus
1374838_at	BI293504	SP140 nuclear body protein	SP140	13,23	Nucleus
1387275_at	NM_053349	SRY (sex determining region Y)-box 11	SOX11	5,29	Nucleus
1374682_at	BM383170	SRY (sex determining region Y)-box 13	SOX13	2,36	Nucleus
1370159_at	AB003505	SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily d, member 2	SMARCD2	1,86	Nucleus
1376050_at	AI177663	TAF5 RNA polymerase II, TATA box binding protein (TBP)-associated factor, 100kDa	TAF5	2,39	Nucleus
1380283_at	BF411100	teashirt zinc finger homeobox 1	TSHZ1	-2,33	Nucleus
1383573_at	BE117444	teashirt zinc finger homeobox 1	TSHZ1	-2,07	Nucleus
1373421_at	BM392224	TGFB-induced factor homeobox 1	TGIF1	4,92	Nucleus
1391212_at	BF418812	transcription elongation factor A (SII)-like 1	TCEAL1	-3,52	Nucleus
1392592_at	AI137045	transcription factor 7-like 2 (T-cell specific, HMG-box)	TCF7L2 (includes EG:6934)	4,35	Nucleus
1368132_at	NM_133317	transducer of ERBB2, 1	TOB1	-1,79	Nucleus
1390662_at	AW435169	tripartite motif-containing 24	TRIM24	2,38	Nucleus
1367831_at	NM_030989	tumor protein p53	TP53	1,58	Nucleus
1367693_at	NM_013052	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, eta polypeptide	YWHAH	1,68	Cytoplasm
1398897_at	AI411988	ubiquitin-conjugating enzyme E2 variant 1	UBE2V1	1,56	Nucleus
1380229_at	AW530004	v-maf musculoaponeurotic fibrosarcoma oncogene homolog F (avian)	MAFF	14,17	Nucleus
1372211_at	BI284461	v-maf musculoaponeurotic fibrosarcoma oncogene homolog K (avian)	MAFK	2,87	Nucleus
1372853_at	BF283772	v-rel reticuloendotheliosis viral oncogene homolog A (avian)	RELA	2,32	Nucleus
1370965_at	BG381660	zinc finger E-box binding homeobox 1	ZEB1	3,66	Nucleus
1373106_at	AI178069	zinc finger protein 36, C3H type-like 2	ZFP36L2	2,71	Nucleus
1368228_at	NM_031616	zinc finger, RAN-binding domain containing 2	ZRANB2	-1,84	Nucleus
<b>Translation regulator</b>					
1385118_at	BI292531	eukaryotic translation initiation factor 2, subunit 1 alpha, 35kDa	EIF2S1	-2,01	Cytoplasm
1383011_at	AI501182	eukaryotic translation initiation factor 2A, 65kDa	EIF2A	1,62	Cytoplasm
1374968_at	AI599930	eukaryotic translation initiation factor 2C, 1	EIF2C1	-1,77	Cytoplasm
1368867_at	BF281131	eukaryotic translation initiation factor 2C, 2	EIF2C2	1,97	Cytoplasm
1367537_at	AI012479	eukaryotic translation initiation factor 4E nuclear import factor 1	EIF4ENIF1	1,69	Cytoplasm
1398620_at	BF397903	sterile alpha motif domain containing 4A	SAMD4A	7,05	Cytoplasm
<b>Transmembrane receptor</b>					
1367595_s_at	NM_012512	beta-2-microglobulin	B2M	1,85	Plasma Membrane
1371440_at	AW916647	beta-2-microglobulin	B2M	7,04	Plasma Membrane
1377698_at	AW433947	CD40 molecule, TNF receptor superfamily member 5	CD40	625,64	Plasma Membrane
1384837_at	AI137672	CD69 molecule	CD69	191,71	Plasma Membrane
1367679_at	NM_013069	CD74 molecule, major histocompatibility complex, class II invariant chain	CD74	13,21	Plasma Membrane

1388547_at	BE328951	claudin 4
1369182_at	NM_013057	coagulation factor III (thromboplastin, tissue factor)
1368179_at	NM_134465	cytokine receptor-like factor 2
1384842_s_at	AI231531	Fas (TNF receptor superfamily, member 6)
1387039_at	NM_030828	glypican 1
1387202_at	NM_012967	intercellular adhesion molecule 1
1374601_at	BI274482	interferon gamma receptor 2 (interferon gamma transducer 1)
1383616_at	AA997562	interleukin 10 receptor, beta
1387946_at	AF065438	lectin, galactoside-binding, soluble, 3 binding protein
1370972_x_at	BI300597	major histocompatibility complex, class I, C
1388071_x_at	M24024	major histocompatibility complex, class I, C
1370428_x_at	AJ249701	major histocompatibility complex, class I, C
1369110_x_at	NM_012645	major histocompatibility complex, class I, C
1371171_at	M10094	major histocompatibility complex, class I, C
1371078_at	AI500830	major histocompatibility complex, class I, C
1397859_x_at	BI291927	major histocompatibility complex, class I, C
1388212_a_at	AJ243974	major histocompatibility complex, class I, E
1371123_x_at	AJ243973	major histocompatibility complex, class I, E
1388164_at	AF029241	major histocompatibility complex, class I, E
1388213_a_at	AJ243973	major histocompatibility complex, class I, E
1387205_at	NM_022921	major histocompatibility complex, class I, G
1376362_at	BG380575	neuronal pentraxin receptor
1373577_at	BE116566	neuropilin 1
1370177_at	AI548856	poliovirus receptor
1389804_at	BF392605	REL1 tumor necrosis factor receptor
1368901_at	BG666306	thrombomodulin
1369407_at	NM_012870	tumor necrosis factor receptor superfamily, member 11b
1376327_at	AI169601	tumor necrosis factor receptor superfamily, member 14 (herpesvirus entry mediator)
1384506_at	H33706	unc-5 homolog C (C. elegans)

#### Transporter

1368868_at	NM_057103	A kinase (PRKA) anchor protein 12
1368869_at	BG663107	A kinase (PRKA) anchor protein 12
1371858_at	BM385719	adaptor-related protein complex 1, sigma 1 subunit
1368246_at	NM_133305	adaptor-related protein complex 3, mu 2 subunit
1389492_at	AA818820	ADP-ribosylation factor GTPase activating protein 1
1385709_x_at	AW529028	ankylosis, progressive homolog (mouse)
1393439_a_at	AI045767	ankylosis, progressive homolog (mouse)
1394202_x_at	AI176117	ankylosis, progressive homolog (mouse)
1372604_at	BI289459	apolipoprotein L, 3
1371925_at	AA893621	ATPase type 13A1
1397224_at	AW534277	ATPase, Ca <sup>++</sup> transporting, plasma membrane 1
1368698_at	J03754	ATPase, Ca <sup>++</sup> transporting, plasma membrane 2
1368057_at	NM_012804	ATP-binding cassette, sub-family D (ALD), member 3
1379717_at	BM385804	ATP-binding cassette, sub-family G (WHITE), member 3
1374045_at	AI598851	component of oligomeric golgi complex 8
1389596_at	BM389642	COX18 cytochrome c oxidase assembly homolog (S. cerevisiae)
1387369_at	NM_019277	exocyst complex component 6
1387237_at	BM388722	exocyst complex component 7
1393734_at	AA997025	fracture callus 1 homolog (rat)
1368977_a_at	AF061242	fracture callus 1 homolog (rat)
1370065_at	NM_053318	hemopexin
1388566_at	AI102215	LIM and SH3 protein 1
1387011_at	NM_130741	lipocalin 2
1372520_at	AI172056	myeloid cell leukemia sequence 1 (BCL2-related)
1374075_at	AI175533	N-ethylmaleimide-sensitive factor attachment protein, gamma
1371908_at	AA891920	NTF2-like export factor 1
1374638_at	AI012951	peroxisomal biogenesis factor 13
1387399_at	NM_020098	piccolo (presynaptic cytomatrix protein)

CLDN4	9,74	Plasma Membrane
F3	8,66	Plasma Membrane
CRLF2	1,80	Plasma Membrane
FAS	5,87	Plasma Membrane
GPC1	-2,20	Plasma Membrane
ICAM1	192,89	Plasma Membrane
IFNGR2	1,72	Plasma Membrane
IL10RB	4,75	Plasma Membrane
LGALS3BP	8,54	Plasma Membrane
HLA-C	3,71	Plasma Membrane
HLA-C	3,92	Plasma Membrane
HLA-C	5,06	Plasma Membrane
HLA-C	5,37	Plasma Membrane
HLA-C	5,95	Plasma Membrane
HLA-C	15,49	Plasma Membrane
HLA-C	15,99	Plasma Membrane
HLA-E	25,70	Plasma Membrane
HLA-E	28,97	Plasma Membrane
HLA-E	47,08	Plasma Membrane
HLA-E	65,12	Plasma Membrane
HLA-G	6,08	Plasma Membrane
NPTXR	-2,17	Plasma Membrane
NRP1	3,88	Plasma Membrane
PVR	14,72	Plasma Membrane
REL1	4,66	Plasma Membrane
THBD	-5,53	Plasma Membrane
TNFRSF11B	6,93	Plasma Membrane
TNFRSF14	4,17	Plasma Membrane
UNC5C	7,76	Plasma Membrane
AKAP12	1,98	Cytoplasm
AKAP12	13,73	Cytoplasm
AP1S1	-1,75	Cytoplasm
AP3M2	2,19	Cytoplasm
ARFGAP1	-1,91	Cytoplasm
ANKH	-4,24	Plasma Membrane
ANKH	-3,60	Plasma Membrane
ANKH	-1,76	Plasma Membrane
APOL3 (includes EG:80833)	34,24	Cytoplasm
ATP13A1	1,75	Extracellular Space
ATP2B1	-1,63	Plasma Membrane
ATP2B2	-6,08	Plasma Membrane
ABCD3	-2,62	Cytoplasm
ABCG3	13,56	Plasma Membrane
COG8	-2,25	Cytoplasm
COX18	-1,65	Cytoplasm
EXOC6	5,54	Unknown
EXOC7	-1,53	Plasma Membrane
FXC1	-2,42	Cytoplasm
FXC1	-1,51	Cytoplasm
HPX	5,00	Extracellular Space
LASP1	1,95	Cytoplasm
LCN2	134,50	Extracellular Space
MCL1	2,68	Cytoplasm
NAPG	-1,67	Cytoplasm
NXT1	-2,03	Nucleus
PEX13	-1,83	Cytoplasm
PCLO	-3,55	Cytoplasm

1374835_at	AA944485	RAB interacting factor	RABIF	-2,06	Unknown
1372715_at	AA819349	sideroflexin 1	SFXN1	-2,54	Cytoplasm
1379307_at	BF283256	sodium channel and clathrin linker 1	SCLT1	-1,52	Plasma Membrane
1370367_at	D63772	solute carrier family 1 (neuronal/epithelial high affinity glutamate transporter, system Xag), member 1	SLC1A1	7,19	Plasma Membrane
1367877_at	NM_013173	solute carrier family 11 (proton-coupled divalent metal ion transporters), member 2	SLC11A2	9,33	Plasma Membrane
1374885_at	AI172278	solute carrier family 12 (potassium/chloride transporters), member 6	SLC12A6	-3,38	Plasma Membrane
1367853_at	NM_031798	solute carrier family 12 (sodium/potassium/chloride transporters), member 2	SLC12A2	-2,90	Plasma Membrane
1390036_at	BI289867	solute carrier family 16, member 6 (monocarboxylic acid transporter 7)	SLC16A6	4,25	Plasma Membrane
1390591_at	AI169163	solute carrier family 17 (sodium phosphate), member 3	SLC17A3	2,05	Plasma Membrane
1370848_at	BI284218	solute carrier family 2 (facilitated glucose transporter), member 1	SLC2A1	4,25	Plasma Membrane
1387228_at	NM_012879	solute carrier family 2 (facilitated glucose transporter), member 2	SLC2A2	-2,68	Plasma Membrane
1370314_at	AB000489	solute carrier family 20 (phosphate transporter), member 1	SLC20A1	2,25	Plasma Membrane
1383444_at	AA964069	solute carrier family 24 (sodium/potassium/calcium exchanger), member 2	SLC24A2	-2,58	Plasma Membrane
1379073_at	AA859663	solute carrier family 25 (mitochondrial carrier; phosphate carrier), member 23	SLC25A23	-2,89	Unknown
1372341_at	AI233213	solute carrier family 25, member 36	SLC25A36	-1,60	Unknown
1367789_at	NM_053580	solute carrier family 27 (fatty acid transporter), member 1	SLC27A1	-2,36	Plasma Membrane
1384413_at	AA900068	solute carrier family 35, member A5	SLC35A5	2,67	Unknown
1386960_at	NM_031589	solute carrier family 37 (glucose-6-phosphate transporter), member 4	SLC37A4	-8,68	Cytoplasm
1372778_at	AA799420	solute carrier family 39 (zinc transporter), member 1	SLC39A1	2,60	Plasma Membrane
1372482_at	AI600216	solute carrier family 39 (zinc transporter), member 13	SLC39A13	-1,52	Unknown
1383319_at	BI293444	solute carrier family 4, sodium borate transporter, member 11	SLC4A11	3,30	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	2,75	Plasma Membrane
1385107_at	AI137961	solute carrier family 6 (amino acid transporter), member 14	SLC6A14	7,16	Plasma Membrane
1378133_at	AW532618	solute carrier family 7, (cationic amino acid transporter, y+ system) member 11	SLC7A11	2,93	Plasma Membrane
1394786_at	AW526631	sortilin-related receptor, L(DLR class) A repeats-containing	SORL1	-2,06	Plasma Membrane
1390710_x_at	AA850618	sortilin-related receptor, L(DLR class) A repeats-containing	SORL1	-1,63	Plasma Membrane
1372656_at	BI282899	sorting nexin 15	SNX15	1,96	Cytoplasm
1388556_at	BG381589	syntaxin 6	STX6	2,56	Cytoplasm
1375565_at	BF420723	translocase of inner mitochondrial membrane 22 homolog (yeast)	TIMM22	-1,86	Cytoplasm
1390432_at	AA997338	transmembrane and coiled-coil domains 3	TMCO3	-3,10	Unknown
1388149_at	X57523	transporter 1, ATP-binding cassette, sub-family B (MDR/TAP)	TAP1	201,49	Cytoplasm
1368732_at	NM_032056	transporter 2, ATP-binding cassette, sub-family B (MDR/TAP)	TAP2	60,68	Cytoplasm
		<b>Other</b>			
1391754_at	BM391818	2'-5' oligoadenylate synthetase II	OASII	5,64	Unknown
1390022_at	AA946538	actin related protein 2/3 complex, subunit 5, 16kDa	ARPC5	1,71	Cytoplasm
1371327_a_at	BG666668	actin, gamma 1	ACTG1	1,73	Cytoplasm
1389189_at	BF555956	actinin, alpha 1	ACTN1	2,57	Cytoplasm
1370043_at	NM_031753	activated leukocyte cell adhesion molecule	ALCAM	2,03	Plasma Membrane
1383499_at	BG371995	adhesion molecule with Ig-like domain 1	AMIGO1	-1,68	Unknown
1373591_at	BG375435	ADP-ribosylation factor interacting protein 2	ARFIP2	-1,65	Cytoplasm
1392038_at	BF387389	ADP-ribosylation factor-like 6 interacting protein 1	ARL6IP1	2,17	Cytoplasm
1372429_at	BF419113	adrenocortical dysplasia homolog (mouse)	ACD	-2,28	Nucleus
1387219_at	NM_012715	adrenomedullin	ADM	33,76	Extracellular Space
1370307_at	M64780	agrin	AGRN	13,96	Plasma Membrane
1371703_at	AI407114	AHNAK nucleoprotein	AHNAK	42,94	Nucleus
1372879_at	BI283873	AKT1 substrate 1 (proline-rich)	AKT1S1	-1,61	Unknown
1398612_at	BM383010	aldo-keto reductase family 1, member C12	AKR1C12 (includes EG:361266)	-1,70	Unknown
1388573_at	BF288140	alkB, alkylation repair homolog 1 (E. coli)	ALKBH1	1,79	Unknown
1378726_at	AI556485	alkB, alkylation repair homolog 4 (E. coli)	ALKBH4	1,52	Unknown
1371627_at	BI277433	angiomin like 1	AMOTL1	-2,84	Plasma Membrane
1383018_at	BF420082	angiopoietin-like 6	ANGPTL6	3,81	Extracellular Space
1373351_at	BI286775	ankyrin 2, neuronal	ANK2	2,24	Plasma Membrane
1377811_at	AI577496	ankyrin repeat domain 12	ANKRD12	1,76	Nucleus
1378433_at	BI296242	ankyrin repeat domain 33B	ANKRD33B	4,03	Unknown
1373685_at	BI291430	ankyrin repeat domain 37	ANKRD37	-2,46	Unknown
1388445_at	BF287964	annexin A11	ANXA11	2,10	Nucleus
1367584_at	NM_019905	annexin A2	ANXA2	8,64	Plasma Membrane

1376496_at	AI717736	apolipoprotein L 9a	APOL9A (includes EG:503164)	14,86	Unknown
1388511_at	AI412079	ArfGAP with RhoGAP domain, ankyrin repeat and PH domain 1	ARAP1	1,89	Cytoplasm
1392815_at	BE114489	ArfGAP with RhoGAP domain, ankyrin repeat and PH domain 2	ARAP2	3,37	Cytoplasm
1380545_at	BF419027	ArfGAP with SH3 domain, ankyrin repeat and PH domain 1	ASAP1	-2,34	Plasma Membrane
1382330_at	BE116838	ArfGAP with SH3 domain, ankyrin repeat and PH domain 2	ASAP2	-1,82	Nucleus
1376297_at	BE112202	arrestin domain containing 1	ARRDC1	1,85	Unknown
1377665_at	AA998979	ATG2 autophagy related 2 homolog A (S. cerevisiae)	ATG2A	1,54	Unknown
1379561_at	AW433567	ATPase family, AAA domain containing 1	ATAD1	3,05	Unknown
1393217_at	BF282804	ATP-binding cassette, sub-family G (WHITE), member 3-like 1	ABCG3L1	8,23	Unknown
1368509_at	NM_053618	Bardet-Biedl syndrome 2	BBS2	-2,01	Unknown
1393641_at	AA925583	B-cell linker	BLNK	23,77	Cytoplasm
1382993_at	AI236152	BCL2 binding component 3	BBC3	2,40	Cytoplasm
1377634_at	AI715220	BCL2/adenovirus E1B 19kDa interacting protein 2	BNIP2	2,45	Cytoplasm
1374886_at	BF402630	BCS1-like (yeast)	BCS1L	-3,14	Cytoplasm
1377759_at	BG666928	BH3 interacting domain death agonist	BID	6,29	Cytoplasm
1388733_at	AI177631	bifunctional apoptosis regulator	BFAR	1,69	Cytoplasm
1373768_at	AI406390	BMS1 homolog, ribosome assembly protein (yeast)	BMS1	-1,88	Nucleus
1383829_at	BF392234	bobby sox homolog (Drosophila)	BBX	1,59	Nucleus
1390738_at	BM385476	bone marrow stromal cell antigen 2	BST2	4,60	Plasma Membrane
1398350_at	BG380454	brain abundant, membrane attached signal protein 1	BASP1	1,71	Plasma Membrane
1382467_at	C07140	brain expressed gene 1	BEX1 (includes EG:19716)	-2,02	Unknown
1376533_at	BF398368	bromodomain adjacent to zinc finger domain, 2B	BAZ2B	-1,79	Unknown
1374592_at	BI282671	BTB (POZ) domain containing 6	BTBD6	-3,39	Unknown
1373179_at	BI300727	BTB (POZ) domain containing 8	BTBD8 (includes EG:284697)	-6,96	Unknown
1383083_at	AI575458	BTG3 associated nuclear protein	BANP	1,96	Nucleus
1390754_at	BF412921	Ca <sup>++</sup> -dependent secretion activator	CADPS	3,35	Plasma Membrane
1386947_at	NM_031334	cadherin 1, type 1, E-cadherin (epithelial)	CDH1	2,91	Plasma Membrane
1370562_at	M11596	calcitonin-related polypeptide, beta	CALCB (includes EG:116903)	13,02	Extracellular Space
1396749_at	BF390144	calcium binding protein 1	CABP1	-4,55	Cytoplasm
1388659_at	BI295783	calcium regulated heat stable protein 1, 24kDa	CARHSP1	2,11	Cytoplasm
1389598_at	BI280367	calmodulin-like 4	CALML4	-2,80	Unknown
1372584_at	BG672517	cannabinoid receptor interacting protein 1	CNRIP1	-1,98	Unknown
1368545_at	NM_057138	CASP8 and FADD-like apoptosis regulator	CFLAR	7,50	Cytoplasm
1398354_at	AI555457	catenin (cadherin-associated protein), alpha-like 1	CTNNAL1	-2,22	Plasma Membrane
1388415_at	BE109560	catenin (cadherin-associated protein), delta 1	CTNND1	1,52	Nucleus
1382603_at	AW521319	CD274 molecule	CD274	17,59	Plasma Membrane
1379269_at	BM385296	CD2-associated protein	CD2AP	1,95	Cytoplasm
1387952_a_at	AF065147	CD44 molecule (Indian blood group)	CD44	9,39	Plasma Membrane
1368921_a_at	NM_012924	CD44 molecule (Indian blood group)	CD44	13,45	Plasma Membrane
1386976_at	NM_031797	CD82 molecule	CD82	3,40	Plasma Membrane
1390529_at	AI412355	CD83 molecule	CD83	4,69	Plasma Membrane
1378739_at	AA818135	cell death-inducing DFFA-like effector c	CIDEC	8,64	Cytoplasm
1388771_at	BG668182	CGG triplet repeat binding protein 1	CGGBP1	1,57	Nucleus
1374695_at	BF564593	chromobox homolog 1 (HP1 beta homolog Drosophila)	CBX1	1,61	Nucleus
1371395_at	AA851329	chromobox homolog 3 (HP1 gamma homolog, Drosophila)	CBX3	-1,54	Nucleus
1371672_at	AI406275	chromobox homolog 7	CBX7	-3,90	Nucleus
1391206_at	AW533313	chromosome 1 open reading frame 106	C1ORF106	2,00	Unknown
1371443_at	AI409584	chromosome 1 open reading frame 174	C1ORF174	-3,05	Unknown
1398446_at	BG376030	chromosome 1 open reading frame 2	C1ORF2	-1,87	Unknown
1398364_at	BF555972	chromosome 1 open reading frame 63	C1ORF63	-1,67	Unknown
1377830_a_at	BF281728	chromosome 10 open reading frame 125	C10ORF125	-3,06	Unknown
1382100_at	AA997169	chromosome 10 open reading frame 97	C10ORF97	-1,74	Unknown
1390232_at	BM388441	chromosome 11 open reading frame 24	C11ORF24	-2,72	Extracellular Space
1381118_at	AW526652	chromosome 11 open reading frame 46	C11ORF46	-2,86	Unknown
1372843_at	BG377188	chromosome 11 open reading frame 75	C11ORF75	-1,54	Unknown
1378980_at	AI044779	chromosome 12 open reading frame 30	C12ORF30	3,55	Unknown
1395297_at	AI556097	chromosome 12 open reading frame 35	C12ORF35	3,20	Unknown
1373143_at	BM390131	chromosome 12 open reading frame 35	C12ORF35	3,96	Unknown

1392547_at	AI716211	chromosome 15 open reading frame 48	C15ORF48	85,71	Nucleus
1391069_at	AI231713	chromosome 16 open reading frame 72	C16ORF72	1,51	Unknown
1398998_at	AI407273	chromosome 16 open reading frame 72	C16ORF72	2,23	Unknown
1373831_at	AW920524	chromosome 17 open reading frame 62	C17ORF62	3,62	Unknown
1373665_at	AI598689	chromosome 17 open reading frame 68	C17ORF68	-2,25	Unknown
1388532_at	AI599496	chromosome 18 open reading frame 10	C18ORF10	-2,60	Nucleus
1388465_at	AA891733	chromosome 18 open reading frame 19	C18ORF19	-2,04	Unknown
1379740_at	AW521797	chromosome 18 open reading frame 54	C18ORF54	-1,87	Extracellular Space
1389365_at	AI228291	chromosome 19 open reading frame 12	C19ORF12	4,06	Unknown
1389155_at	AA943139	chromosome 19 open reading frame 26	C19ORF26	-2,37	Unknown
1383662_at	AI043759	chromosome 19 open reading frame 66	C19ORF66	3,19	Unknown
1371507_at	BM384151	chromosome 20 open reading frame 152	C20ORF152	-1,85	Unknown
1398949_at	BM392094	chromosome 20 open reading frame 43	C20ORF43	-1,89	Unknown
1372044_at	AI410321	chromosome 22 open reading frame 25	C22ORF25	-1,94	Unknown
1373137_at	BI284360	chromosome 3 open reading frame 21	C3ORF21	-1,65	Unknown
1376156_at	BM391273	chromosome 3 open reading frame 39	C3ORF39	-2,92	Unknown
1372329_at	BM389011	chromosome 4 open reading frame 16	C4ORF16	2,48	Unknown
1377268_at	BM390418	chromosome 5 open reading frame 37	C5ORF37	-1,57	Unknown
1377439_at	BF408617	chromosome 5 open reading frame 42	C5ORF42	4,63	Unknown
1391282_at	AI029285	chromosome 6 open reading frame 192	C6ORF192	-1,67	Unknown
1397703_at	BF288942	chromosome 7 open reading frame 23	C7ORF23	2,76	Unknown
1384143_at	BE114778	cingulin	CGN	3,45	Plasma Membrane
1389577_at	AI101160	cirrhosis, autosomal recessive 1A (cirhin)	CIRH1A	-2,75	Nucleus
1398842_at	BM386513	clathrin, heavy chain (Hc)	CLTC	-1,66	Plasma Membrane
1376711_at	BG673439	claudin 11	CLDN11	-1,53	Plasma Membrane
1389361_at	AI012506	clusterin associated protein 1	CLUAP1	-3,66	Unknown
1389368_at	AW253242	CNKSR family member 3	CNKSR3	21,85	Plasma Membrane
1372305_at	AA893634	coatamer protein complex, subunit zeta 2	COPZ2 (includes EG:360611)	-1,81	Unknown
1373866_at	AI228596	coenzyme Q10 homolog B (S. cerevisiae)	COQ10B	-1,51	Unknown
1388570_at	AI232494	coenzyme Q9 homolog (S. cerevisiae)	COQ9	-1,81	Cytoplasm
1384378_at	BI293046	coiled-coil alpha-helical rod protein 1	CCHCR1	4,24	Cytoplasm
1390101_at	AI170609	coiled-coil domain containing 107	CCDC107	-1,96	Unknown
1398371_at	AI409075	coiled-coil domain containing 132	CCDC132	1,71	Unknown
1390875_a_at	BF290046	coiled-coil domain containing 41	CCDC41	1,64	Unknown
1393952_at	BI278833	coiled-coil domain containing 68	CCDC68	-6,89	Unknown
1399165_a_at	AA943500	coiled-coil domain containing 97	CCDC97	-5,04	Unknown
1385904_at	BG153342	cold inducible RNA binding protein	CIRBP	-2,64	Nucleus
1391812_at	AI145876	collagen type VI alpha 6	COL6A6	-2,55	Unknown
1388973_at	BM388861	collagen, type IX, alpha 1	COL9A1	-2,68	Extracellular Space
1388459_at	AI101782	collagen, type XVIII, alpha 1	COL18A1	-2,54	Extracellular Space
1369764_at	NM_012516	complement component 4 binding protein, alpha	C4BPA	9,63	Extracellular Space
1368695_at	NM_016995	complement component 4 binding protein, beta	C4BPB	17,72	Extracellular Space
1393740_at	BI294230	connector enhancer of kinase suppressor of Ras 1	CNKSR1	3,10	Cytoplasm
1383648_x_at	BI283883	crumbs homolog 3 (Drosophila)	CRB3	2,25	Plasma Membrane
1388385_at	BG371710	crystallin, beta A2	CRYBA2	-2,79	Unknown
1379450_at	BM383195	CTTNBP2 N-terminal like	CTTNBP2NL	7,38	Cytoplasm
1376877_at	AA893164	CUB domain containing protein 1	CDCP1	9,52	Plasma Membrane
1397247_at	BI276505	CUB domain containing protein 1	CDCP1	10,34	Plasma Membrane
1388464_at	AI598527	cullin 7	CUL7 (includes EG:9820)	-3,53	Cytoplasm
1385024_at	AW535558	cutC copper transporter homolog (E. coli)	CUTC	-2,53	Unknown
1368801_at	NM_053342	CXXC finger 4	CXXC4	-2,41	Cytoplasm
1371953_at	AI408309	cyclin G2	CCNG2	4,59	Nucleus
1382269_at	BM388183	cyclin M2	CNNM2	-1,93	Unknown
1391270_at	BE112177	cyclin M3	CNNM3	-2,69	Unknown
1384268_at	AW435305	cyclin Y-like 1	CCNYL1	-12,54	Unknown
1372062_at	BF394161	cyclin-dependent kinase 2-interacting protein	CINP	-2,01	Unknown
1388594_at	BG371453	cysteine-rich with EGF-like domains 1	CRELD1	-2,32	Unknown
1396327_at	BG374493	cytochrome P450, family 2, subfamily j, polypeptide 12	CYP2J12	43,48	Unknown

1375685_at	BI282257	cytoplasmic linker associated protein 1	CLASP1	2,75	Cytoplasm
1385369_at	BI290883	DAZ interacting protein 1-like	DZIP1L	3,52	Unknown
1372434_at	BE098114	deafness, autosomal recessive 31	DFNB31	1,80	Plasma Membrane
1383432_at	AI176676	death associated protein-like 1	DAPL1	-3,55	Unknown
1385210_at	BF389450	dedicator of cytokinesis 5	DOCK5	4,71	Unknown
1374718_at	AA945915	deltex 3-like (Drosophila)	DTX3L	12,22	Cytoplasm
1380021_at	AI059486	DENN/MADD domain containing 2D	DENND2D	8,54	Cytoplasm
1388506_at	AW144509	desmoplakin	DSP	1,52	Plasma Membrane
1371877_at	BM391502	dexamethasone-induced transcript	DEXI	-1,80	Unknown
1372017_at	BE110572	diablo homolog (Drosophila)	DIABLO	-1,71	Cytoplasm
1374480_at	BE107255	dishevelled associated activator of morphogenesis 1	DAAM1	1,93	Cytoplasm
1387817_at	NM_024128	DNA segment on chromosome 4 (unique) 234 expressed sequence	D4S234E	-2,36	Cytoplasm
1399039_at	BM383865	DnaJ (Hsp40) homolog, subfamily B, member 2	DNAJB2 (includes EG:3300)	-2,43	Nucleus
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	-1,60	Cytoplasm
1383181_at	AI704947	DnaJ (Hsp40) homolog, subfamily C, member 9	DNAJC9	-2,18	Unknown
1371981_at	BI294700	Down syndrome critical region gene 3	DSCR3	1,87	Nucleus
1391648_at	BF545697	Down syndrome critical region gene 6	DSCR6	-5,76	Unknown
1376026_at	AI178243	downstream neighbor of SON	DONSON	8,00	Unknown
1389483_at	AI408686	dpy-19-like 1 (C. elegans)	DPY19L1	-1,93	Unknown
1368274_at	NM_031352	drebrin-like	DBNL	3,25	Cytoplasm
1387236_at	NM_053404	dynactin 4 (p62)	DCTN4	2,11	Nucleus
1373196_at	BF404514	EF-hand domain family, member A2	EFHA2	-1,84	Unknown
1395739_at	BG672302	EFR3 homolog A (S. cerevisiae)	EFR3A	2,24	Plasma Membrane
1378346_at	AI385237	elastin microfibril interfacier 2	EMILIN2	3,07	Extracellular Space
1370017_at	NM_012948	emerin	EMD	-2,02	Nucleus
1367861_at	NM_024147	Enah/Vasp-like	EVL	-3,79	Cytoplasm
1389319_at	AA800719	endoplasmic reticulum-golgi intermediate compartment (ERGIC) 1	ERGIC1	-1,83	Cytoplasm
1374585_at	AW915152	enoyl Coenzyme A hydratase domain containing 1	ECHDC1	-1,81	Unknown
1372654_at	BI285918	EPS8-like 2	EPS8L2	1,96	Unknown
1392223_at	AW521110	epsin 2	EPN2	1,54	Cytoplasm
1370875_at	AA851304	ezrin	EZR	5,76	Plasma Membrane
1387279_at	NM_053796	F11 receptor	F11R	2,27	Plasma Membrane
1376708_at	BM385170	family with sequence similarity 115, member C	FAM115C	11,63	Unknown
1385950_at	AI454926	family with sequence similarity 131, member B	FAM131B	3,78	Unknown
1373011_at	BE109520	family with sequence similarity 134, member B	FAM134B	1,86	Unknown
1376155_at	BE113295	family with sequence similarity 151, member B	FAM151B	2,28	Unknown
1393443_a_at	AW434918	family with sequence similarity 158, member A	FAM158A	-5,64	Plasma Membrane
1377848_at	AW535219	family with sequence similarity 175, member A	FAM175A	-2,83	Unknown
1380102_at	BM386836	family with sequence similarity 50, member A	FAM50A	-2,07	Nucleus
1372302_at	BF284897	family with sequence similarity 82, member A2	FAM82A2	4,11	Unknown
1384457_at	AI030755	F-box and WD-40 domain protein 17	FBXW17	7,01	Unknown
1373588_at	H33457	FERM domain containing 8	FRMD8	2,89	Unknown
1382143_at	AA964898	FERM, RhoGEF (ARHGEF) and pleckstrin domain protein 1 (chondrocyte-derived)	FARP1	3,71	Unknown
1398327_at	BM386598	fermitin family homolog 2 (Drosophila)	FERMT2	2,34	Cytoplasm
1379463_at	AW525176	filamin A interacting protein 1	FILIP1	-4,48	Cytoplasm
1373286_at	AA875261	filamin binding LIM protein 1	FBLIM1	3,16	Plasma Membrane
1388684_at	BI274480	formin binding protein 4	FNBP4	2,29	Nucleus
1391411_at	AI179941	formin-like 2	FMNL2 (includes EG:114793)	7,66	Cytoplasm
1371951_at	AA800031	four and a half LIM domains 2	FHL2	37,15	Nucleus
1375961_at	AI072892	frizzled-related protein	FRZB	-2,24	Extracellular Space
1389015_at	AI171982	FUN14 domain containing 2	FUNDC2 (includes EG:67391)	-2,87	Unknown
1381882_at	AI072357	FYVE, RhoGEF and PH domain containing 6	FGD6	17,94	Cytoplasm
1383255_at	BE116202	G patch domain and KOW motifs	GPKOW	2,39	Unknown
1382186_a_at	AI136314	G patch domain containing 4	GPATCH4	-4,66	Unknown
1388395_at	AI406939	G0/G1switch 2	G0S2	6,74	Unknown
1374533_at	AI234190	GA repeat binding protein, beta 1	GABPB1 (includes EG:499883)	2,69	Unknown
1373515_at	BI275737	galectin-related protein	HSPC159	-1,87	Unknown

1374848_at	AI599867	general transcription factor IIIC, polypeptide 6, alpha 35kDa	GTF3C6	-1,91	Unknown
1375960_at	BF281879	germ cell-less homolog 1 (Drosophila)	GMCL1	-2,17	Nucleus
1380410_at	AI043958	GLI pathogenesis-related 2	GLIPR2	25,60	Cytoplasm
1392320_s_at	AI763657	glomulin, FKBP associated protein	GLMN	-2,69	Cytoplasm
1395623_at	AW521959	glutaminy-peptide cyclotransferase-like	QPCTL	-2,73	Unknown
1388526_at	AI169075	glutathione transferase zeta 1	LOC681913	-3,64	Unknown
1372383_at	AW435429	G-protein signaling modulator 1 (AGS3-like, C. elegans)	GPSM1	-9,18	Cytoplasm
1399167_a_at	BI278183	GRB2-associated binding protein 1	GAB1	3,29	Cytoplasm
1368909_a_at	NM_053807	GRIP1 associated protein 1	GRIPAP1	1,77	Plasma Membrane
1372016_at	BI287978	growth arrest and DNA-damage-inducible, beta	GADD45B	44,52	Cytoplasm
1388792_at	AI599423	growth arrest and DNA-damage-inducible, gamma	GADD45G	3,85	Nucleus
1392482_at	BF409567	GrpE-like 2, mitochondrial (E. coli)	GRPEL2	3,75	Cytoplasm
1373572_at	BF282247	GTP binding protein 5 (putative)	GTPBP5	-3,18	Unknown
1398615_at	BG379594	GTPase activating Rap/RanGAP domain-like 4	GARNL4	2,09	Unknown
1376285_at	BM390519	GULP, engulfment adaptor PTB domain containing 1	GULP1	-3,93	Cytoplasm
1374957_at	AI408197	hCG21078	HCG 21078	-2,41	Unknown
1386894_at	NM_022229	heat shock 60kDa protein 1 (chaperonin)	HSPD1	-1,91	Cytoplasm
1387898_at	D29960	heat shock protein, alpha-crystallin-related, B6	HSPB6	-2,38	Cytoplasm
1384882_at	AI229056	HECT domain containing 2	HECTD2	3,18	Unknown
1386795_at	BF291091	HEPACAM family member 2	HEPACAM2	-1,53	Unknown
1373228_at	BI288760	heparan-alpha-glucosaminide N-acetyltransferase	HGSNAT	-3,36	Unknown
1372693_at	AI408833	heterogeneous nuclear ribonucleoprotein A1 pseudogene	HCG 2023776	1,58	Cytoplasm
1372810_at	BF281256	heterogeneous nuclear ribonucleoprotein D-like	HNRPDL	1,50	Nucleus
1375019_at	AI101886	heterogeneous nuclear ribonucleoprotein H3 (2H9)	HNRNPH3	1,96	Nucleus
1371887_at	BF398549	high-mobility group box 3	HMGB3	-2,32	Nucleus
1371765_at	AA850895	histone cluster 3, H2a	HIST3H2A	-1,97	Unknown
1389132_at	AW253339	huntingtin interacting protein 1	HIP1	-1,56	Cytoplasm
1389665_at	BG375619	hyaluronan binding protein 4	HABP4	-3,37	Cytoplasm
1371736_at	AI411283	hypothetical gene supported by BC032431	LOC389203	-2,83	Unknown
1372850_at	AA799464	hypothetical LOC100151767	LOC100151767	1,81	Unknown
1393050_at	BG664069	hypothetical LOC302495	LOC302495	2,91	Unknown
1390895_at	AA957047	hypothetical LOC302495	LOC302495	3,27	Unknown
1390146_at	BF414998	hypothetical LOC441027	FLJ12993	-2,09	Unknown
1381757_at	AA965058	hypothetical protein LOC51057	LOC51057	-1,81	Unknown
1377626_at	AA924350	hypothetical protein LOC686634	LOC686634	389,40	Unknown
1393234_at	BI285850	hypothetical protein LOC687105	LOC687105	10,76	Unknown
1376625_at	BI296015	hypothetical protein LOC691862	LOC691862	1,91	Unknown
1373688_at	AA849532	hypothetical protein LOC84792	MGC12966	-1,51	Unknown
1372420_at	AI408084	hypothetical protein MGC12972	FKSG24	-1,69	Unknown
1389355_at	BF285187	immediate early response 5	IER5	9,03	Unknown
1391489_at	AI407339	immunity-related GTPase family, M	IRGM	234,10	Cytoplasm
1394293_at	BG664973	IMP1 inner mitochondrial membrane peptidase-like (S. cerevisiae)	IMMP1L	-1,66	Unknown
1388321_at	BG378108	IMP3, U3 small nucleolar ribonucleoprotein, homolog (yeast)	IMP3	-2,53	Cytoplasm
1385423_at	AW521399	inner membrane protein, mitochondrial (mitofilin)	IMMT	-1,89	Cytoplasm
1389176_at	BF282674	inositol polyphosphate-5-phosphatase F	INPP5F	-2,00	Unknown
1381014_at	BI274623	interferon-induced protein 44	IFI44	9,80	Cytoplasm
1379748_at	AA819629	interferon-induced protein 44-like	IFI44L	19,81	Unknown
1384180_at	BE118697	interferon-induced protein with tetratricopeptide repeats 2	IFIT2	13,50	Unknown
1369031_at	NM_053374	interleukin 18 binding protein	IL18BP	15,74	Extracellular Space
1375915_at	AI073247	interleukin-1 receptor-associated kinase 1 binding protein 1	IRAK1BP1	-3,00	Unknown
1394234_x_at	AA848540	IQ motif and WD repeats 1	IQWD1	-2,04	Nucleus
1388613_at	BE113034	iron-sulfur cluster assembly 1 homolog (S. cerevisiae)-like	ISCA1L	-1,92	Cytoplasm
1382314_at	BE096523	ISG15 ubiquitin-like modifier	ISG15 (includes EG:9636)	179,79	Extracellular Space
1367787_at	NM_030844	islet cell autoantigen 1, 69kDa	ICA1	-2,17	Cytoplasm
1389478_at	BM392031	kelch-like 22 (Drosophila)	KLHL22	-2,34	Unknown
1377209_at	BI283664	kelch-like 25 (Drosophila)	KLHL25	-1,55	Cytoplasm
1391805_at	BE096676	kelch-like 32 (Drosophila)	KLHL32	1,85	Unknown
1372812_at	H33148	KIAA0256 gene product	KIAA0256	1,83	Unknown

1374037_at	BI288699	KIAA0391	KIAA0391	-1,69	Unknown
1384128_at	BF393261	KIAA0562	KIAA0562	-2,12	Unknown
1375853_at	BF284358	KIAA1033	KIAA1033	2,36	Unknown
1392838_at	BF398054	KIAA1033	KIAA1033	2,77	Unknown
1393352_at	BI293882	KIAA1370	KIAA1370	-1,56	Unknown
1373300_at	BI296249	KIAA1467	KIAA1467	-1,86	Unknown
1397714_at	BF565706	KIAA1468	KIAA1468	1,91	Unknown
1375873_at	AI231506	KIAA1522	KIAA1522	2,03	Unknown
1384133_at	BF522755	kinesin family member 1A	KIF1A	-1,64	Cytoplasm
1372516_at	AI317842	kinesin family member 22	KIF22	-2,50	Nucleus
1376451_at	BG377849	KRIT1, ankyrin repeat containing	KRIT1	1,56	Plasma Membrane
1374006_at	BI295878	kynurenine aminotransferase III	KAT3	2,39	Unknown
1392746_x_at	BF394189	La ribonucleoprotein domain family, member 1	LARP1	1,50	Unknown
1373422_at	BE108280	La ribonucleoprotein domain family, member 1	LARP1	1,51	Unknown
1379340_at	BM385282	laminin, gamma 2	LAMC2	14,21	Extracellular Space
1391565_at	AA899663	large subunit GTPase 1 homolog (S. cerevisiae)	LSG1	-3,83	Cytoplasm
1369716_s_at	NM_012976	lectin, galactose binding, soluble 5	LGALS5	6,37	Unknown
1386879_at	NM_031832	lectin, galactoside-binding, soluble, 3	LGALS3	3,43	Extracellular Space
1392901_at	BM385213	leucine rich repeat containing 1	LRRC1	2,59	Cytoplasm
1391601_at	AA964579	leucine rich repeat neuronal 2	LRRN2	-3,02	Plasma Membrane
1390667_at	BF408543	leucine rich transmembrane and 0-methyltransferase domain containing	LRTOMT	-1,88	Unknown
1373500_at	BI294727	leucine-rich PPR-motif containing	LRPPRC	-2,27	Cytoplasm
1378633_at	BE106297	leupaxin	LPXN	1,55	Cytoplasm
1383906_at	BF416847	likely ortholog of mouse lung-inducible Neutralized-related C3HC4 RING domain protein	LINCR	178,20	Unknown
1383863_at	BF288303	LIM domain only 2 (rhombotin-like 1)	LMO2	9,16	Nucleus
1372443_at	AI409038	low density lipoprotein receptor-related protein 11	LRP11	2,60	Unknown
1382277_at	AA894336	lymphocyte antigen 96	LY96	5,71	Plasma Membrane
1376436_at	AI071181	LysM, putative peptidoglycan-binding, domain containing 3	LYSMD3	1,67	Unknown
1372966_at	AI178784	major facilitator superfamily domain containing 2	MFSD2	-2,68	Unknown
1367925_at	NM_022715	major vault protein	MVP	2,51	Nucleus
1383484_at	AW920193	male-specific lethal 2 homolog (Drosophila)	MSL2	1,50	Unknown
1391280_at	AW529333	malignant T cell amplified sequence 2	MCTS2	-2,56	Unknown
1389306_at	BM387419	matrilin 2	MATN2	-3,12	Extracellular Space
1382522_at	AI169689	matrin 3	MATR3	3,55	Nucleus
1382417_at	AI236886	Mdm4 p53 binding protein homolog (mouse)	MDM4	1,50	Nucleus
1395316_at	H32543	melanoma antigen family H, 1	MAGEH1	-2,49	Cytoplasm
1375430_at	BM389077	membrane magnesium transporter 2	MMGT2	-12,70	Unknown
1388491_at	AI234849	membrane-associated ring finger (C3HC4) 5	MARCH5	1,65	Unknown
1385790_at	BF560024	membrane-associated ring finger (C3HC4) 5	MARCH5	1,92	Unknown
1368441_at	NM_031658	mesothelin	MSLN	-1,53	Extracellular Space
1391857_at	AI044397	mesothelin-like	MSLNL	-2,06	Unknown
1388271_at	BM383531	metallothionein 1E	MT1E	5,78	Cytoplasm
1379059_at	BG373522	MICAL-like 2	MICALL2	35,07	Cytoplasm
1367882_at	NM_030995	microtubule-associated protein 1A	MAP1A	-2,20	Cytoplasm
1377103_at	AW525765	midnolin	MIDN	-1,73	Nucleus
1382289_at	BI291954	mindbomb homolog 1 (Drosophila)	MIB1	-1,76	Cytoplasm
1393085_at	BI290341	MIT, microtubule interacting and transport, domain containing 1	MITD1	3,14	Unknown
1371474_at	BG665132	mitochondrial carrier homolog 1 (C. elegans)	MTCH1	-1,62	Cytoplasm
1396209_at	BE117343	mitochondrial carrier triple repeat 1-like	MCART1L	-4,68	Unknown
1373705_at	AI235502	mitochondrial ribosomal protein L28	MRPL28	-1,92	Cytoplasm
1371553_at	BF288120	mitochondrial ribosomal protein L36	MRPL36	-5,29	Cytoplasm
1371853_at	AI176602	mitochondrial ribosomal protein L42	MRPL42 (includes EG:28977)	-2,32	Cytoplasm
1372116_at	AI008955	mitochondrial ribosomal protein S2	MRPS2	-2,01	Cytoplasm
1367526_at	AI180224	mitochondrial ribosomal protein S26	MRPS26	-2,38	Cytoplasm
1371576_at	AW142276	mitochondrial ribosomal protein S36	MRPS36	-2,24	Cytoplasm
1397748_at	AW521583	mitochondrial rRNA methyltransferase 1 homolog (S. cerevisiae)	MRM1	-1,95	Unknown
1392133_at	AI502069	mitogen-activated protein kinase 1 interacting protein 1-like	MAPK1IP1L	3,09	Nucleus
1369915_at	NM_139186	MKI67 (FHA domain) interacting nucleolar phosphoprotein	MKI67IP	-1,97	Nucleus



1372904_at	BI285628	MOB1, Mps One Binder kinase activator-like 2A (yeast)	MOBK2A	5,09	Unknown
1390142_at	BE111888	MORC family CW-type zinc finger 3	MORC3	2,46	Nucleus
1371990_at	AI012242	MPN domain containing	MPND (includes EG:681944)	-5,44	Unknown
1385427_at	BE118330	musashi homolog 2 (Drosophila)	MSI2	1,52	Cytoplasm
1380541_at	AA957801	musashi homolog 2 (Drosophila)	MSI2	1,71	Cytoplasm
1375908_at	BI282616	myelin protein zero-like 2	MPZL2	3,57	Plasma Membrane
1371692_at	AI009661	myeloid/lymphoid or mixed-lineage leukemia (trithorax homolog, Drosophila); translocated to, 11	MLLT11	-3,13	Unknown
1374752_at	AI408734	MyoD family inhibitor domain containing	MDFIC	3,21	Nucleus
1388114_at	X05566	myosin regulatory light chain MRLC2	MRLC2	1,66	Cytoplasm
1370478_at	AY004215	myosin XVI	MYO16	-8,09	Cytoplasm
1370158_at	AA946388	myosin, heavy chain 10, non-muscle	MYH10	-2,45	Cytoplasm
1370229_at	BG666709	NDRG family member 4	NDRG4	-1,88	Unknown
1394181_at	AI176506	necdin-like 2	NDNL2	-1,55	Nucleus
1390514_at	BI295160	NEDD4 binding protein 2-like 2	N4BP2L2	1,57	Unknown
1373775_at	AI232313	negative regulator of ubiquitin-like proteins 1	NUB1	3,99	Nucleus
1372953_at	AI101330	neurocalcin delta	NCALD	-4,20	Cytoplasm
1370815_at	AF031879	neurofilament, heavy polypeptide	NEFH	-3,66	Cytoplasm
1367845_at	NM_017029	neurofilament, medium polypeptide	NEFM	2,31	Cytoplasm
1370517_at	U18772	neuronal pentraxin I	NPTX1	-10,49	Extracellular Space
1395083_at	AA926313	neuro-oncological ventral antigen 1	NOVA1	-2,93	Nucleus
1368255_at	NM_017354	neurotrimin	HNT	-6,01	Plasma Membrane
1398610_at	BG375744	nicolin 1	NICN1 (includes EG:619581)	-1,83	Unknown
1384801_at	AA963592	Nipped-B homolog (Drosophila)	NIPBL	1,86	Nucleus
1373509_at	BE113288	NOL1/NOP2/Sun domain family, member 4	NSUN4	-1,76	Unknown
1383774_at	BG376677	non-protein coding RNA 117	NCRNA00117	-2,82	Unknown
1383752_at	BG375714	NOP2 nucleolar protein homolog (yeast)	NOP2	-1,57	Nucleus
1389538_at	AW672589	nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor, alpha	NFKBIA	55,16	Cytoplasm
1395081_at	BI290843	nuclear receptor coactivator 7	NCOA7	2,69	Nucleus
1383938_at	BI286738	nuclear receptor coactivator 7	NCOA7	2,81	Nucleus
1383673_at	BI288925	nucleosome assembly protein 1-like 2	NAP1L2	-3,52	Nucleus
1375861_at	BE111332	nucleosome assembly protein 1-like 5	NAP1L5	-6,22	Unknown
1379743_at	BF397271	nucleotide binding protein 2 (MinD homolog, E. coli)	NUBP2	1,69	Nucleus
1370618_at	AB069907	optineurin	OPTN	2,61	Cytoplasm
1388432_at	BI294994	optineurin	OPTN	3,13	Cytoplasm
1384254_at	AI717553	OTU domain containing 1	OTUD1	5,44	Unknown
1367869_at	NM_057153	oxidation resistance 1	OXR1	-2,56	Cytoplasm
1393368_at	BG372522	oxysterol binding protein-like 5	OSBPL5	2,44	Cytoplasm
1384465_at	AI136693	paraspeckle component 1	PSPC1	-2,89	Nucleus
1373748_at	AW532566	PDZ domain containing ring finger 3	PDZRN3	-7,74	Extracellular Space
1368303_at	NM_031678	period homolog 2 (Drosophila)	PER2	3,14	Nucleus
1379536_at	BF547014	pleckstrin homology domain containing, family A member 6	PLEKHA6	1,80	Unknown
1375767_at	BI287681	pleckstrin homology domain containing, family G (with RhoGef domain) member 3	PLEKHG3	3,66	Unknown
1380867_a_at	BM383086	pleckstrin homology domain containing, family M (with RUN domain) member 1	PLEKHM1	3,01	Cytoplasm
1378106_at	AI029402	pleckstrin homology-like domain, family A, member 2	PHLDA2	3,78	Cytoplasm
1379724_at	BE103244	pleckstrin homology-like domain, family B, member 2	PHLDB2	-3,85	Cytoplasm
1380071_at	BI285978	poly (ADP-ribose) polymerase family, member 12	PARP12	7,04	Nucleus
1379613_at	BM390301	poly (ADP-ribose) polymerase family, member 14	PARP14	22,99	Cytoplasm
1372034_at	BF284106	poly (ADP-ribose) polymerase family, member 14	PARP14	23,41	Cytoplasm
1377970_at	BE105494	poly (ADP-ribose) polymerase family, member 8	PARP8	6,91	Unknown
1376144_at	AA819679	poly (ADP-ribose) polymerase family, member 9	PARP9	27,68	Nucleus
1382922_at	BG375109	poly(A) binding protein, nuclear 1	PABPN1	-2,05	Nucleus
1374326_at	AI178019	PPAN-P2RY11 readthrough transcript	PPAN-P2RY11	-1,70	Nucleus
1383326_a_at	AI576297	programmed cell death 4 (neoplastic transformation inhibitor)	PDCD4	-1,81	Nucleus
1370381_at	U61729	proline-rich nuclear receptor coactivator 1	PNRC1	1,91	Nucleus
1377744_at	BF392982	proline-serine-threonine phosphatase interacting protein 2	PSTPIP2	2,56	Cytoplasm
1367663_at	NM_017264	proteasome (prosome, macropain) activator subunit 1 (PA28 alpha)	PSME1	2,98	Cytoplasm
1399051_at	BE104409	protein associated with topoisomerase II homolog 1 (yeast)	PATL1	1,67	Unknown
1387398_at	AA996685	protein kinase (cAMP-dependent, catalytic) inhibitor alpha	PKIA	2,53	Unknown

1386971_at	NM_022951	protein phosphatase 1, regulatory (inhibitor) subunit 10	PPP1R10	-1,69	Nucleus
1393082_at	AI0444747	protein phosphatase 1, regulatory (inhibitor) subunit 14C	PPP1R14C	3,03	Cytoplasm
1372088_at	AI012434	PTPRF interacting protein, binding protein 1 (liprin beta 1)	PPFIBP1	2,78	Plasma Membrane
1390647_at	AI410924	putative homeodomain transcription factor 2	PHTF2	-2,88	Cytoplasm
1383786_at	AW915417	RAB32, member RAS oncogene family	RAB32	3,15	Cytoplasm
1392762_at	BF559727	RAD18 homolog (S. cerevisiae)	RAD18	-1,56	Nucleus
1383825_at	AW527313	radixin	RDX	-2,12	Cytoplasm
1396207_at	BF565167	radixin	RDX	-1,65	Cytoplasm
1376029_at	BI295991	ral guanine nucleotide dissociation stimulator-like 2	RGL2	10,94	Cytoplasm
1374750_at	AII172313	Rap guanine nucleotide exchange factor (GEF) 6	RAPGEF6	2,26	Plasma Membrane
1374525_at	BF284017	Ras association (RalGDS/AF-6) and pleckstrin homology domains 1	RAPH1	5,61	Plasma Membrane
1376658_at	BF391087	Ras association (RalGDS/AF-6) and pleckstrin homology domains 1	RAPH1	10,03	Plasma Membrane
1374165_at	AA818264	RAS p21 protein activator 4	RASA4 (includes EG:10156)	5,07	Cytoplasm
1379285_at	AA819788	receptor (chemosensory) transporter protein 4	RTP4	17,23	Plasma Membrane
1389066_at	BI274408	regulator of calcineurin 2	RCAN2	-11,89	Unknown
1373777_at	BF391820	regulator of G-protein signaling 16	RGS16	-3,31	Cytoplasm
1370910_at	BF283113	replication factor C (activator 1) 2, 40kDa	RFC2	-3,02	Nucleus
1389053_at	AII171280	required for meiotic nuclear division 1 homolog (S. cerevisiae)	RMND1	1,68	Unknown
1383533_at	AI715743	REST corepressor 3	RCOR3 (includes EG:684192)	2,11	Unknown
1387081_at	NM_017132	reticulocalbin 2, EF-hand calcium binding domain	RCN2	2,08	Cytoplasm
1368097_a_at	NM_053865	reticulum 1	RTN1	-2,38	Cytoplasm
1372690_at	AII137471	reticulum 4 receptor-like 1	RTN4RL1	-2,76	Plasma Membrane
1393404_at	BF554746	reticulum 4 receptor-like 1	RTN4RL1	-2,38	Plasma Membrane
1368403_at	NM_031094	retinoblastoma-like 2 (p130)	RBL2	-2,80	Nucleus
1374852_at	AI407613	RGD1559909	RGD1559909	-1,96	Unknown
1395249_at	BF400750	RGD1563912	RGD1563912	-3,20	Unknown
1375305_at	BI282028	RGD1563912	RGD1563912	-2,35	Unknown
1388900_at	BG381414	RGD1566118	RGD1566118	1,76	Unknown
1372585_at	BM388445	RGD1566254	RGD1566254	975,78	Unknown
1387035_a_at	NM_022244	Rho GTPase activating protein 17	ARHGAP17	2,86	Cytoplasm
1396575_at	AI576265	Rho GTPase activating protein 20	ARHGAP20	-1,78	Unknown
1376501_at	AA945062	Rho GTPase activating protein 8	ARHGAP8	6,84	Cytoplasm
1381297_at	BI292668	Rho guanine nucleotide exchange factor (GEF) 5	ARHGEF5	12,95	Cytoplasm
1384765_at	BI289371	rhomboid 5 homolog 2 (Drosophila)	RHBDF2	13,23	Unknown
1384483_at	BI274216	RIKEN cDNA 9530082P21 gene	9530082P21RIK	11,40	Unknown
1385016_at	AI136882	RIKEN cDNA B630019K06 gene	B630019K06RIK	-4,92	Unknown
1383951_at	BE108661	ring finger protein 145	RNF145	-2,26	Unknown
1379441_at	AA965092	ring finger protein 160	ZNF294	-1,64	Nucleus
1393547_at	BE101549	ring finger protein 182	RNF182	-4,49	Unknown
1382074_at	AII13237	ring finger protein 19B	RNF19B	6,73	Unknown
1377746_at	AI010418	RNA binding motif protein 12	RBM12	-2,24	Nucleus
1393832_at	AII136337	RNA binding motif protein 43	RBM43	11,88	Unknown
1376307_a_at	BI289591	RNA binding motif protein 45	RBM45	-1,71	Cytoplasm
1380334_at	AI555044	RNA binding motif protein 47	RBM47	1,98	Unknown
1394155_at	AI010943	RNA binding motif protein 7	RBM7	2,86	Unknown
1374181_at	BF290678	RNA binding motif protein, X-linked	RBMX	-2,71	Nucleus
1375870_a_at	BF420140	RNA binding motif, single stranded interacting protein 1	RBMS1	6,17	Nucleus
1374647_at	BI299718	round spermatid basic protein 1	RSBN1	1,74	Unknown
1376065_at	AI058889	RRS1 ribosome biogenesis regulator homolog (S. cerevisiae)	RRS1	-1,83	Nucleus
1376879_at	AI716916	RWD domain containing 4A	RWDD4A	-2,16	Unknown
1386890_at	NM_031114	S100 calcium binding protein A10	S100A10	3,08	Cytoplasm
1375170_at	BG378926	S100 calcium binding protein A11	S100A11	6,11	Cytoplasm
1372741_at	AI412013	saccharopine dehydrogenase (putative)	SCCPDH	-1,98	Cytoplasm
1368129_at	NM_031647	Scm-like with four mbt domains 1	SFMBT1	8,84	Nucleus
1368806_at	AA799627	selenoprotein P, plasma, 1	SEPP1	-2,12	Extracellular Space
1376319_at	BM390322	sema domain, immunoglobulin domain (Ig), short basic domain, secreted, (semaphorin) 3C	SEMA3C	2,03	Extracellular Space
1388745_at	AI228417	sema domain, immunoglobulin domain (Ig), transmembrane domain (TM) and short cytoplasmic domain, (semaphorin) 4A	SEMA4A	20,56	Plasma Membrane
1383290_at	BI280343	serine peptidase inhibitor, Kunitz type 1	SPINT1	2,20	Extracellular Space

1377914_at	AI059437	serine/arginine repetitive matrix 1	SRRM1	2,01	Nucleus
1368224_at	NM_031531	serpin peptidase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 3	SERPINA3	3,30	Extracellular Space
1373672_at	BM384419	serpin peptidase inhibitor, clade B (ovalbumin), member 9	SERPINB9	6,65	Cytoplasm
1372254_at	AW915763	serpin peptidase inhibitor, clade G (C1 inhibitor), member 1	SERPING1	19,18	Extracellular Space
1378705_at	AW254450	SET domain containing 5	SETD5	1,69	Unknown
1382117_at	BF417345	SET domain containing 6	SETD6	-2,43	Unknown
1376486_at	BG381092	SH3-domain GRB2-like endophilin B2	SH3GLB2 (includes EG:311848)	-1,89	Unknown
1383587_at	BF283779	similar to Butyrate-induced transcript 1	RGD1565496	-3,88	Unknown
1388763_at	AI230762	similar to Calponin-2 (Calponin H2, smooth muscle) (Neutral calponin)	LOC690976	1,98	Unknown
1390435_at	AA996717	similar to CG32736-PA	LOC440957	-2,71	Unknown
1373514_at	AA899109	similar to chromosome 17 open reading frame 27	LOC688296	70,58	Unknown
1372563_at	AA799488	similar to D330021B20 protein	RGD1308143	-1,73	Unknown
1383846_at	AI576094	similar to Docking protein 5 (Downstream of tyrosine kinase 5) (Protein dok-5)	RGD1562846	1,93	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	-2,30	Unknown
1373921_at	AI169007	similar to enoyl Coenzyme A hydratase domain containing 3	LOC684538	-3,52	Unknown
1389783_s_at	BI280865	similar to Fc fragment of IgG binding protein; IgG Fc binding protein	RGD1311906	-4,24	Unknown
1393841_at	AA859317	similar to hypothetical protein FLJ31810	RGD1310773	-5,25	Unknown
1390226_at	AI408343	similar to hypothetical protein LOC340061	RGD1562552	3,05	Unknown
1374670_at	BM384543	similar to hypothetical protein MGC20700	RGD1307722	3,43	Unknown
1382248_at	BI292769	similar to leucine rich repeat containing 45	LOC688318	-2,18	Unknown
1388447_at	AA800701	similar to limb-bud and heart	LOC683626	-3,00	Unknown
1374522_at	BG670847	similar to melanoma inhibitory activity 3	LOC683007	-1,83	Unknown
1380079_at	AW533923	similar to mKIAA2005 protein	RGD1561472	5,84	Unknown
1373330_at	AI406704	similar to Myosin-15 (Myosin XV) (Unconventional myosin-15)	LOC690323	-2,10	Unknown
1375523_at	BE108178	similar to Myristoylated alanine-rich C-kinase substrate (MARCKS) (ACAMP-81)	LOC294446	-1,77	Unknown
1385571_at	AA923865	similar to Nuclear autoantigen Sp-100 (Speckled 100 kDa) (Nuclear dot-associated Sp100 protein)	LOC679623	5,70	Unknown
1392975_at	AI058938	similar to Protease-associated domain-containing protein of 21 kDa precursor	LOC686393	-2,12	Unknown
1373403_at	AI230625	similar to Protein C8orf4 (Thyroid cancer protein 1) (TC-1)	LOC684871	13,42	Unknown
1386669_at	BF565188	similar to Protein KIAA0690	LOC679127	-2,11	Unknown
1373197_at	AI578263	similar to Protein KIAA1404	LOC686701	4,03	Unknown
1398625_at	BG673169	similar to SMAD-interacting zinc finger protein 2	LOC679126	-1,78	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	12,09	Unknown
1384116_at	AA924216	similar to vacuolar protein sorting 37D	RCG 21373	10,63	Unknown
1372793_at	BE108903	single-stranded DNA binding protein 1	SSBP1	-2,13	Cytoplasm
1377920_at	AI413026	small glutamine-rich tetratricopeptide repeat (TPR)-containing, beta	SGTB	1,53	Unknown
1371248_at	BI286387	small proline-rich protein 1A	SPRR1A	11,67	Cytoplasm
1380909_at	BM385894	solute carrier family 25 (mitochondrial carrier; phosphate carrier), member 24	SLC25A24	2,09	Cytoplasm
1392978_at	BE117086	solute carrier family 25, member 28	SLC25A28	4,19	Unknown
1373788_at	BE097533	solute carrier family 41, member 1	SLC41A1 (includes EG:363985)	-1,75	Unknown
1367762_at	NM_012659	somatostatin	SST	-2,10	Extracellular Space
1387018_at	NM_053770	sorbin and SH3 domain containing 2	SORBS2	-4,57	Nucleus
1372930_at	AI411381	SP110 nuclear body protein	SP110	10,74	Nucleus
1394819_at	AI177957	SP110 nuclear body protein	SP110	14,52	Nucleus
1372633_at	AI178531	spastic paraplegia 20 (Troyer syndrome)	SPG20	-2,15	Cytoplasm
1398367_at	BF283504	speckle-type POZ protein	SPOP	1,83	Extracellular Space
1397828_at	BF387796	SPHK1 interactor, AKAP domain containing	SPHKAP	1,58	Unknown
1398601_at	AW143872	spire homolog 1 (Drosophila)	SPIRE1	2,32	Cytoplasm
1370899_at	AI599699	splicing factor proline/glutamine-rich (polypyrimidine tract binding protein associated)	SFPQ	-2,39	Nucleus
1371581_at	BM388899	splicing factor, arginine/serine-rich 1	SFRS1	-1,63	Nucleus
1376160_at	BF408850	splicing factor, arginine/serine-rich 16	SFRS16	5,47	Nucleus
1398440_at	BI292166	splicing factor, arginine/serine-rich 18	SFRS18	-2,62	Nucleus
1368992_a_at	AI104005	splicing factor, arginine/serine-rich 5	SFRS5	-1,78	Nucleus
1389639_at	BF283302	Src homology 2 domain containing adaptor protein B	SHB	3,28	Unknown
1370680_at	AF483620	staufer, RNA binding protein, homolog 2 (Drosophila)	STAU2	6,28	Cytoplasm
1379754_at	AI070598	staufer, RNA binding protein, homolog 2 (Drosophila)	STAU2	7,72	Cytoplasm
1385397_at	AA859085	STEAP family member 4	STEAP4	17,42	Plasma Membrane
1378043_at	AW532890	sterile alpha motif domain containing 9	SAMD9	16,69	Unknown

1376693_at	AA998964	sterile alpha motif domain containing 9	SAMD9	148,18	Unknown
1376024_at	AW914992	stromal interaction molecule 1	STIM1	-2,13	Plasma Membrane
1379279_at	AI234719	stromal interaction molecule 2	STIM2	1,81	Plasma Membrane
1388658_at	AA942704	surfeit 2	SURF2	-2,32	Unknown
1389973_a_at	BE112262	surfeit 4	SURF4	-1,52	Cytoplasm
1379635_at	BF399325	synapse associated protein 1, SAP47 homolog (Drosophila)	SYAP1	1,59	Nucleus
1367721_at	NM_012649	syndecan 4	SDC4	8,34	Plasma Membrane
1373146_at	AI716240	synovial sarcoma, X breakpoint 2 interacting protein	SSX2IP	-1,60	Plasma Membrane
1371568_at	AI145381	synuclein, beta	SNCB	-3,51	Cytoplasm
1375074_at	BE113756	TBK1 binding protein 1	TBKBP1	2,61	Unknown
1392980_at	AI716456	T-cell lymphoma invasion and metastasis 1	TIAM1	2,69	Cytoplasm
1374257_at	BM389265	T-cell lymphoma invasion and metastasis 1	TIAM1	2,82	Cytoplasm
1381167_at	BF390767	T-cell lymphoma invasion and metastasis 1	TIAM1	3,12	Cytoplasm
1372980_at	AA819250	tetraspanin 33	TSPAN33	-1,69	Unknown
1389139_at	BG665007	tetratricopeptide repeat domain 15	TTC15	-1,92	Unknown
1383948_at	AA998083	tetratricopeptide repeat domain 28	TTC28	-3,84	Unknown
1383215_at	BF557467	tetratricopeptide repeat domain 28	TTC28	-2,99	Unknown
1377860_at	BM392227	tetratricopeptide repeat domain 39B	TTC39B	5,11	Unknown
1378416_at	AA892565	tetratricopeptide repeat domain 8	TTC8	-2,10	Cytoplasm
1371131_a_at	U30789	thioredoxin interacting protein	TXNIP	-4,31	Cytoplasm
1369946_at	NM_024384	THO complex 6 homolog (Drosophila)	THOC6	1,87	Nucleus
1367655_at	NM_021261	thymosin beta 10	TMSB10	1,92	Cytoplasm
1372473_at	AW434048	tight junction protein 1 (zona occludens 1)	TJP1	2,42	Plasma Membrane
1367712_at	NM_053819	TIMP metalloproteinase inhibitor 1	TIMP1	15,29	Extracellular Space
1388492_at	AW919111	TNFAIP3 interacting protein 1	TNIP1	28,23	Nucleus
1383655_at	BF545192	TNFAIP3 interacting protein 2	TNIP2	3,22	Cytoplasm
1375969_at	BI296555	torsin A interacting protein 2	TOR1AIP2	1,93	Cytoplasm
1382579_at	BE107165	TOX high mobility group box family member 3	TOX3	2,73	Unknown
1378582_at	BM383666	TraB domain containing	TRABD	-2,05	Unknown
1372252_at	BE112892	trafficking protein particle complex 1	TRAPPC1	-1,93	Cytoplasm
1382311_at	BM384466	TRAF-interacting protein with forkhead-associated domain	TIFA	39,75	Unknown
1373757_at	AW529298	TRAF-type zinc finger domain containing 1	TRAFD1	3,13	Unknown
1387169_at	NM_053400	transducin-like enhancer of split 3 (E(sp1) homolog, Drosophila)	TLE3	3,57	Nucleus
1368706_at	NM_053785	transmembrane 4 L six family member 4	TM4SF4	-2,43	Plasma Membrane
1374160_at	BE111296	transmembrane and coiled-coil domain family 2	TMCC2	-7,84	Unknown
1390832_at	BI294696	transmembrane and coiled-coil domain family 3	TMCC3	7,91	Unknown
1379541_at	BE329099	transmembrane and tetratricopeptide repeat containing 4	TMTC4	-3,62	Unknown
1376102_at	BI292351	transmembrane BAX inhibitor motif containing 1	TMBIM1	15,43	Unknown
1371968_at	AI013781	transmembrane BAX inhibitor motif containing 4	TMBIM4	3,28	Nucleus
1393845_a_at	AI556940	transmembrane channel-like 4	TMC4	1,72	Unknown
1389467_at	BM391248	transmembrane protein 100	TMEM100	-3,03	Unknown
1374948_at	BI275815	transmembrane protein 106A	TMEM106A	8,08	Unknown
1388930_at	AI171651	transmembrane protein 123	TMEM123	-2,10	Plasma Membrane
1390042_at	AI071166	transmembrane protein 140	TMEM140	24,90	Unknown
1376904_at	AI716115	transmembrane protein 151A	TMEM151A	19,25	Unknown
1382321_at	AI071312	transmembrane protein 161A	TMEM161A	-2,44	Unknown
1372848_at	BI296915	transmembrane protein 179	TMEM179	-5,22	Unknown
1392518_at	AI577870	transmembrane protein 184B	TMEM184B	1,88	Unknown
1379419_at	AA962979	transmembrane protein 184C	TMEM184C	-3,75	Unknown
1390392_at	BI301527	transmembrane protein 185A	TMEM185A	-1,73	Unknown
1394842_at	BF289172	transmembrane protein 19	TMEM19	2,70	Unknown
1383118_at	BI288120	transmembrane protein 209	TMEM209	-3,07	Unknown
1382596_a_at	AI230388	transmembrane protein 214	TMEM214	-1,58	Extracellular Space
1398219_at	BE109914	transmembrane protein 215	TMEM215 (includes EG:401498)	-2,27	Unknown
1389561_at	BE110624	transmembrane protein 218	TMEM218	-3,64	Extracellular Space
1397227_at	BE120895	transmembrane protein 35	TMEM35	-2,12	Unknown
1389171_at	AI104326	transmembrane protein 38A	TMEM38A	-3,96	Unknown
1383369_at	AI028875	tripartite motif-containing 26	TRIM26	3,59	Cytoplasm

1371786_at	BE111791	tripartite motif-containing 35
1373398_at	BI275184	tripartite motif-containing 37
1372112_at	AA945761	tripartite motif-containing 5
1385252_at	BI280655	tripartite motif-containing 6
1374017_at	BI289517	tripartite motif-containing 72
1368540_at	NM_031807	trophoblast glycoprotein
1395794_at	BF395218	tropomyosin 1 (alpha)
1370288_a_at	AF372216	tropomyosin 1 (alpha)
1370287_a_at	M23764	tropomyosin 1 (alpha)
1383986_at	AI071098	tropomyosin 3
1388959_at	BI297049	tubulin tyrosine ligase-like family, member 12
1373718_at	BM384071	tubulin, beta 2A
1388131_at	X03369	tubulin, beta 2B
1372660_at	AI180420	tubulin, gamma complex associated protein 3
1371785_at	BI303379	tumor necrosis factor receptor superfamily, member 12A
1381376_at	AI103284	tumor necrosis factor, alpha-induced protein 2
1388773_at	BI278479	tumor necrosis factor, alpha-induced protein 2
1368762_at	NM_053299	ubiquitin D
1371972_at	BM388888	unc-84 homolog B (C. elegans)
1370974_at	AJ010392	vacuolar protein sorting 54 homolog (S. cerevisiae)
1389213_at	AI408955	vasohibin 1
1374589_at	AI235367	vezatin, adherens junctions transmembrane protein
1367574_at	NM_031140	vimentin
1368854_at	AI227991	visinin-like 1
1391037_at	BF412161	von Willebrand factor A domain containing 5B2
1398424_at	AA799515	WD repeat and SOCS box-containing 2
1374793_at	BE113663	WD repeat domain 3
1390784_at	BG662814	WD repeat domain 37
1373399_at	BI291997	WD repeat domain 6
1389644_at	BI289857	WD repeat domain 67
1376136_at	BI296118	WD repeat domain 90
1379027_at	BM390702	WW and C2 domain containing 1
1379321_at	AI180133	XK, Kell blood group complex subunit-related family, member 6
1375058_at	BF396164	zinc finger (CCCH type), RNA-binding motif and serine/arginine rich 2
1376916_at	AW529183	zinc finger and BTB domain containing 2
1375867_at	AW524493	zinc finger and BTB domain containing 4
1378049_at	AI603565	zinc finger and SCAN domain containing 20
1393140_at	AI574699	zinc finger CCCH-type containing 12A
1387921_at	AB032932	zinc finger CCCH-type containing 14
1374208_at	BE116569	zinc finger CCCH-type containing 7A
1390148_a_at	BM388100	zinc finger protein 395
1380810_at	BE102637	zinc finger protein 40
1389523_at	BM386127	zinc finger protein 598
1368775_at	NM_133563	zinc finger protein 808
1373767_at	AI406908	zinc finger, AN1-type domain 2A
1390607_at	BG380706	zinc finger, DHHC-type containing 23
1367540_at	AI044872	zinc finger, FYVE domain containing 26
1373369_at	AI406500	zinc finger, MIZ-type containing 1
1391255_at	BE110035	zinc finger, MYND-type containing 15
1391972_a_at	BE108410	zinc finger, SWIM-type containing 4
1388130_at	AA943537	zyxin
<b>Not classified by IPA</b>		
1378759_at	BE102644	5'-3' exoribonuclease 1 (predicted)
1391548_at	AA955786	A kinase (PRKA) anchor protein 5
1396539_at	BE119221	actinin, alpha 1
1374432_at	BE118251	activated leukocyte cell adhesion molecule
1382294_at	AI576111	activated leukocyte cell adhesion molecule
1390465_at	AW534554	amphoterin induced gene and ORF 3

TRIM35	-2,13	Cytoplasm
TRIM37	-2,04	Cytoplasm
TRIM5	4,98	Cytoplasm
TRIM6	13,79	Unknown
TRIM72	3,06	Unknown
TPBG	14,73	Plasma Membrane
TPM1	2,04	Cytoplasm
TPM1	2,15	Cytoplasm
TPM1	2,32	Cytoplasm
TPM3	1,55	Cytoplasm
TTL12	-1,79	Unknown
TUBB2A	3,38	Cytoplasm
TUBB2B	6,68	Cytoplasm
TUBGCP3	1,78	Cytoplasm
TNFRSF12A	4,30	Plasma Membrane
TNFAIP2	6,88	Extracellular Space
TNFAIP2	201,55	Extracellular Space
UBD	285,96	Nucleus
UNC84B	3,29	Nucleus
VPS54	2,35	Unknown
VASH1	2,08	Extracellular Space
VEZT	2,26	Plasma Membrane
VIM	3,78	Cytoplasm
VSNL1	-10,16	Cytoplasm
VWA5B2	-2,51	Unknown
WSB2	-3,08	Unknown
WDR3	-2,57	Cytoplasm
WDR37	-2,38	Unknown
WDR6 (includes EG:301007)	-2,59	Unknown
WDR67	-3,03	Unknown
WDR90	-2,57	Unknown
WWC1	2,35	Cytoplasm
XKR6	-1,61	Unknown
ZRSR2	-2,12	Nucleus
ZBTB2	4,45	Nucleus
ZBTB4	-1,55	Nucleus
ZSCAN20	-3,26	Nucleus
ZC3H12A	47,38	Unknown
ZC3H14	1,61	Nucleus
ZC3H7A	2,03	Unknown
ZNF395	-6,34	Cytoplasm
ZFP40	-2,51	Unknown
ZNF598	2,44	Unknown
ZNF808	-3,13	Unknown
ZFAND2A	1,79	Unknown
ZDHHC23	-1,59	Unknown
ZFYVE26	5,41	Unknown
ZMIZ1	2,00	Nucleus
ZMYND15	25,49	Unknown
ZSWIM4	11,99	Unknown
ZYX	5,32	Plasma Membrane
Xrn1_predicted	2,01	
Akap5	2,09	
Actn1	1,59	
Alcam	1,57	
Alcam	3,02	
Amigo3	-1,52	

1380858_at	BE120316	AT hook, DNA binding motif, containing 1 (predicted)
1377195_at	BF406252	ATPase, Na <sup>+</sup> /K <sup>+</sup> transporting, beta 3 polypeptide
1370583_s_at	AY082609	ATP-binding cassette, sub-family B (MDR/TAP), member 1
1381121_at	AW533010	basic helix-loop-helix domain containing, class B2
1392397_at	BF389365	BMP-2 inducible kinase
1377345_at	AI502211	bobby sox homolog (Drosophila) (predicted)
1379663_at	AI010254	cache domain containing 1 (predicted)
1393066_at	AI070787	cadherin 1
1375636_at	AI600042	casein kinase II, alpha 1 polypeptide
1392184_at	BI298049	CASP8 and FADD-like apoptosis regulator
1392386_at	AI578435	CASP8 and FADD-like apoptosis regulator
1381173_at	BG375010	caspase 4, apoptosis-related cysteine peptidase
1377236_at	BF405622	cell division cycle 2-like 5 (cholinesterase-related cell division controller)
1396754_at	BF403379	coatamer protein complex, subunit zeta 1 (predicted)
1374731_at	BI275929	coilin
1374273_at	BG665433	coxsackie virus and adenovirus receptor
1384718_at	AI030198	craniofacial development protein 1
1385334_at	AA818166	cytochrome P450-like protein
1391259_at	BE104618	dehydrogenase/reductase (SDR family) member 1
1388479_at	BI294841	dihydropyrimidinase-like 3
1375866_at	BF396191	dynein-like protein 2
1398000_at	BF394082	dystonin (predicted)
1393735_at	AI712582	glutamine and serine rich 1 (predicted)
1378543_at	BE108222	heterogeneous nuclear ribonucleoprotein A2/B1 (predicted)
1375927_at	BE100774	hypothetical protein LOC499120
1376618_at	AI236218	hypothetical protein LOC691931
1383476_at	AW528065	inter-alpha trypsin inhibitor, heavy chain 3
1390070_at	BI296990	karyopherin (importin) alpha 2
1374065_at	BG378920	met proto-oncogene
1396292_at	BG379069	N-glycanase 1 (predicted)
1397114_at	BF388191	nuclear fragile X mental retardation protein interacting protein 1
1397004_at	BF394158	nuclear receptor subfamily 3, group C, member 1
1395613_at	BF408015	par-3 (partitioning defective 3) homolog (C. elegans)
1391295_at	AI136393	phosphodiesterase 10A
1390181_at	BE115041	phytanoyl-CoA dioxygenase domain containing 1
1380570_at	AI145593	piccolo (presynaptic cytomatrix protein)
1378038_at	BF393884	polypyrimidine tract binding protein 2
1378665_at	BF415436	protocadherin 9 (predicted)
1389022_at	AI102760	putative aminopeptidase Fxna
1399140_at	AA965202	Rap guanine nucleotide exchange factor (GEF) 1
1383894_at	BI289486	Rap guanine nucleotide exchange factor (GEF) 6 (predicted)
1382090_at	AI070376	regulator of G-protein signaling 9
1393263_at	AW522530	RGD1563912 (predicted)
1382389_at	AI179755	Rho guanine nucleotide exchange factor (GEF) 5
1374844_at	BF284573	RNA binding motif protein 14
1396310_at	BF545380	RNA binding motif protein 9 (predicted)
1377036_at	BE102350	RT1 class Ib, locus Aw2
1396304_at	BI292055	RT1 class Ib, locus Aw2
1379357_at	AI408767	RT1 class Ib, locus Aw2
1379496_at	AI029460	RT1 class Ib, locus Aw2
1380415_at	AI233027	RT1 class Ib, locus Aw2
1390562_s_at	BE102350	RT1 class Ib, locus Aw2
1392954_at	AI029637	RT1 class Ib, locus Aw2
1393108_at	BM387813	RT1 class Ib, locus Aw2
1380129_at	AA818937	RT1 class Ib, locus Aw2
1379818_at	BF288109	RT1 class Ib, locus Aw2
1375374_at	BF400606	sequestosome 1
1392017_at	BF397766	signal transducing adaptor molecule (SH3 domain and ITAM motif) 2

Ahdcl_predicted	-2,37
Atp1b3	-1,88
Abcb1	10,50
Bhlhb2	2,53
Bmp2k	-3,09
Bbx_predicted	1,84
Cachd1_predicted	2,50
Cdh1	-3,61
Csnk2a1	-1,76
Cflar	2,20
Cflar	2,27
Casp4	17,97
Cdc2l5	1,68
Copz1_predicted	1,53
Coil	3,70
Cxadr	-2,12
Cfdp1	1,72
LOC266761	-1,54
Dhrs1	-2,94
Dpysl3	4,09
DLP2	3,30
Dst_predicted	1,92
Qser1_predicted	1,72
Hnrpa2b1_predicted	-1,74
LOC499120	-2,20
LOC691931	1,55
Itih3	5,97
Kpna2	-2,03
Met	4,28
Ngly1_predicted	-2,27
Nufip1	1,86
Nr3c1	2,56
Pard3	2,50
Pde10a	-4,21
Phyhd1	-2,35
Pclo	-3,51
Ptbp2	1,58
Pcdh9_predicted	-4,24
Fxna	2,67
Rapgef1	1,58
Rapgef6_predicted	5,54
Rgs9	2,48
RGD1563912_predicted	-2,15
Arhgef5	3,52
Rbm14	-2,43
Rbm9_predicted	1,72
RT1-Aw2	3,09
RT1-Aw2	4,65
RT1-Aw2	5,61
RT1-Aw2	6,45
RT1-Aw2	6,50
RT1-Aw2	6,53
RT1-Aw2	7,21
RT1-Aw2	7,38
RT1-Aw2	8,76
RT1-Aw2	35,19
Sqstm1	2,40
Stam2	2,32

1385218_at	AI044551	similar to AD24 (predicted)
1389918_at	BM391364	similar to AL023001 protein (predicted)
1378867_at	BG374639	similar to CG32425-PA (predicted)
1380042_at	AA964012	similar to D3Mm3e (predicted)
1375672_at	BG380279	similar to expressed sequence AA408877
1374766_at	BE103616	similar to F33H2.2
1385926_at	BF550565	similar to GLI pathogenesis-related 2
1398206_at	BE109223	similar to GrpE protein homolog 2, mitochondrial precursor (Mt-GrpE#2)
1392148_at	BF391605	similar to H43E16.1
1376990_at	BE118704	similar to HCDI protein (predicted)
1392109_at	BG671422	similar to hypothetical protein FLJ21439 (predicted)
1389261_at	BI290739	similar to hypothetical protein MGC23280 (predicted)
1392637_at	AA923988	similar to interferon-inducible GTPase
1394405_at	AI232356	similar to KIAA0303 (predicted)
1379114_at	BF412325	similar to KIAA0303 (predicted)
1378783_at	AI144739	similar to KIAA0303 (predicted)
1383173_at	BI281630	similar to Microtubule-associated protein RP/EB family member 2 (APC-binding protein EB2) (End-binding protein 2) (EB2)
1398393_at	BF414412	similar to mitogen-activated protein kinase 11
1390804_at	AI176434	similar to mKIAA0518 protein (predicted)
1390987_at	AI406858	similar to novel protein (predicted)
1397676_at	BF290784	similar to osteoclast inhibitory lectin (predicted)
1378094_at	BM389654	similar to pleckstrin homology-like domain, family B, member 2
1379477_at	AI555261	similar to Programmed cell death 6 interacting protein (ALG-2 interacting protein X) (predicted)
1389500_at	BM383122	similar to ras homolog gene family, member U
1379347_at	BM389290	similar to RIKEN cDNA 1700023M03
1374811_at	AA858705	similar to RIKEN cDNA 1810033M07 (predicted)
1393369_at	BI300502	similar to RIKEN cDNA 4921511I16
1383204_at	BE099804	similar to RIKEN cDNA A530089I17 (predicted)
1372826_at	BI285718	similar to RIKEN cDNA A530089I17 (predicted)
1375678_at	AI412430	similar to RIKEN cDNA D030012E24 gene (predicted)
1392647_at	BF282318	similar to Serum amyloid A-3 protein precursor
1376920_at	BF408536	similar to sterile alpha motif domain containing 9-like
1380925_at	BF420093	similar to talin 2 (predicted)
1393561_at	BF396511	similar to vacuolar protein sorting 13C protein (predicted)
1377273_at	BF389637	similar to Wolf-Hirschhorn syndrome candidate 1 protein isoform 1
1379873_at	BI276971	similar to zinc finger protein 59
1389744_at	AW527194	sodium channel, voltage-gated, type XI, alpha
1395039_at	BI289224	solute carrier organic anion transporter family, member 3a1
1383871_at	BE120348	syntaxin binding protein 2
1376673_at	BM391853	transcription factor 8
1378081_at	BI285065	transforming growth factor beta 1 induced transcript 4
1372104_at	BF289002	transmembrane BAX inhibitor motif containing 1
1375814_at	BG380887	unc-84 homolog A (C. elegans)
1385217_at	BM385870	zinc finger and BTB domain containing 10
1378302_at	BF403965	zinc finger, CSL-type containing 3 (predicted)
1393000_at	AI045970	zinc finger, DHHC domain containing 6

**Not classified**

1382950_at	AA901350	
1373740_at	AA851385	
1372318_at	AI235528	
1383649_a_at	BI291080	
1390324_at	BE101809	
1377424_at	AI712672	
1393528_at	AI059227	
1378496_at	BM384963	
1398412_at	BF402250	
1376398_at	BF417784	
1384460_at	AI072669	

RGD1560656_predicted	2,77
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RGD1307366_predicted	12,08
RGD1561494_predicted	-3,15
RGD1308513	-3,08
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LOC679819	14,36
LOC688777	2,21
LOC689994	-5,53
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RGD1562529_predicted	-1,63
RGD1305508_predicted	3,25
MGC108823	33,35
RGD1310139_predicted	2,52
RGD1310139_predicted	3,58
RGD1310139_predicted	11,30
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LOC689314	4,59
RGD1561597_predicted	1,72
RGD1565283_predicted	5,36
RGD1563148_predicted	2,84
LOC685611	-2,53
RGD1561176_predicted	4,21
LOC678766	4,41
RGD1305457	-2,61
RGD1565381_predicted	-2,20
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RGD1311375_predicted	4,60
RGD1311375_predicted	6,84
RGD1311298_predicted	2,92
LOC691143	4,90
LOC500013	58,33
RGD1565416_predicted	1,81
RGD1560364_predicted	1,77
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LOC685610	-1,57
Scn11a	-2,00
Slco3a1	1,91
Stxbp2	-1,77
Tcf8	4,41
Tgfb14	-3,58
Tmbim1	-2,52
Unc84a	2,41
Zbtb10	2,79
Zcs13_predicted	8,08
Zdhc6	-3,98

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-7,96
-7,64
-7,11

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1379400_at	AI044556	-4,83
1386114_at	BF550033	-4,62
1379373_at	AI556457	-4,61
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1383967_at	BI275739	-4,53
1385381_at	AA996491	-4,50
1381043_at	AI639256	-4,48
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1383254_at	BF403169	-4,32
1379647_at	BI295140	-4,30
1392125_at	BF390331	-4,15
1398707_at	BE108582	-4,07
1389687_at	BI273981	-4,00
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1389584_at	AI101266	-3,83
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1392869_at	AI111868	-3,77
1393273_at	AW533027	-3,72
1372831_at	BE349838	-3,71
1384096_at	BI279347	-3,68
1392982_at	AA818059	-3,65
1389412_at	AA800693	-3,55
1373519_at	AI412601	-3,54
1379607_at	AW527767	-3,54
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1376966_at	BE108930	-3,21
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1378672_at	BG381207	-3,17
1373055_at	AI407547	-3,11
1374060_at	AI411374	-3,04
1394475_at	BE096857	-3,01
1391672_at	BF399539	-2,96
1391305_at	AI576233	-2,90
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1378457_at	AI179450	-2,83
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1376637_at	AI102401	-2,76
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1378070_at	BE099891	-2,45
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1389774_at	AI008371	-2,37
1388561_at	AI412886	-2,34
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1383642_at	BG374114	-2,30
1398531_at	AI058947	-2,29
1389395_at	BI275654	-2,27
1383675_at	BG371620	-2,26
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1378391_at	AI511069	-2,10
1377045_at	BG372832	-2,07
1377856_at	BE113045	-2,05
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1394576_at	AA900572	-2,00
1379267_a_at	AA924312	-1,98
1389589_at	BE105898	-1,96
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1392131_at	AI012870	-1,94
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1381400_at	AI137973	-1,94
1394553_at	AI007661	-1,93
1393699_at	BF391905	-1,91
1396441_at	BE108895	-1,91
1391979_at	AA851345	-1,91
1376590_at	AA818732	-1,91
1383150_at	BE114751	-1,88
1389794_at	AI044984	-1,88
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1382886_at	BE100329	-1,81

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1383194_a_at	AI030349	-1,79
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1374509_at	BI275722	-1,76
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1373736_at	AI178446	-1,60
1390444_at	AI044433	-1,59
1379410_at	AA925019	-1,57
1372258_at	AI102935	-1,57
1372642_at	BE113397	-1,56
1397888_at	BM389787	-1,56
1397572_at	BE109994	-1,56
1375723_at	AI385171	-1,53
1398978_at	AA850525	-1,53
1383660_at	AI713166	-1,52
1391822_at	AW253356	-1,52
1386022_at	AW921706	-1,51
1383458_at	BF403759	-1,50
1388781_at	AW434329	1,50
1376520_at	BE117616	1,52
1375899_at	BF283736	1,52
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1377322_at	BE117290	1,55
1384019_a_at	BM383449	1,59
1390685_at	BF395810	1,60
1377999_at	BE103242	1,63
1389640_at	BM391811	1,64
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1381228_at	AI073001	8,03

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1374622_at	BE107309		11,96
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1383757_at	AI044802		53,43
1385641_at	AI070558		55,44
1391106_at	BM385061		57,04
1393728_at	AA964541		71,44
1397611_at	AW525619		111,13
1385380_at	AI044983		126,47

Primary rat  $\beta$ -cells were left untreated or exposed to IL1 $\beta$ +IFN- $\gamma$  (IL+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 level  $\geq 1.5$  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