Dhodapkar et al., http://www.jem.org/cgi/content/full/jem.20062545/DC1

THE MINIMUM INFORMATION ABOUT A MICROARRAY EXPERIMENT (MIAME) CHECKLIST

Experimental design

• The goal of the experiment is to compare the gene expression profiles of monocyte-derived DCs treated with isotype control antibody, anti-FcγRIIB blocking antibody, or a cocktail of inflammatory cytokines.
• In brief, purified monocytes were cultured to obtain monocyte-derived immature DCs. DCs on day 5 of culture were treated with isotype control mAb or anti-FcγRIIB mAb or matured with a cocktail of inflammatory cytokines. 24 h later, DCs were harvested and RNA was isolated using the RNeasy kit.
• Keywords: DCs, Fc receptor.
• The experimental factors are treatment with anti-FcγRIIb antibody versus control (24 h).
• In the experimental design, samples obtained from five different blood donors were used for the experiments, as described.

Samples used, extract preparation, and labeling

• The origin of each biological sample was healthy adult blood donors.
• Technical protocols for preparing the hybridization extract were as follows: Cells were pelleted in the RLT buffer, and total RNA was extracted using the RNeasy kit (QIAGEN) following the manufacturer's protocol.

Hybridization procedures and parameters

1–2 μg of total RNA was labeled and hybridized using the ENZO T7 labeling kit (Life Sciences), as per the manufacturer's protocol, on GeneChip Human Genome U133 Plus 2.0 microarrays (Affymetrix). Washing and scanning was done on Fluidics Station 400 (Affymetrix) and GeneChip Scanner 3000 (Affymetrix) following the manufacturer's protocol.

Measurement data and specifications

• Data
  o Data was scanned using Genechip Scanner 3000 using the manufacturer's protocol.
  o GCOS 1.2 software (Affymetrix) was used to obtain the raw signal and present/absent gene data.

Array Design

• Commercial GeneChip Human Genome U133 Plus 2.0 microarrays were used.

Data analysis

• The methodology for analysis of microarray data was adapted from that used by Napolitani et al. (38). The microarray data was normalized as follows. The signal values >0.01 were set to 0.01. The percentile for all of the measurements in each sample was calculated using the values for all genes not marked "absent." Each measurement was divided by the 50th percentile of all measurements in that sample. Each gene was then divided by the median of its measurements in all samples. Genes that were marked as present and expressed above a raw level of 100 were included in the analysis. 29,499 genes passed this filter. Gene expressions in DCs treated with inflammatory cytokines, FcγRIIB blocking antibody, and isotype control antibody were compared, and genes with statistically different expression between the groups based on the values of the replicates were calculated using a parametric test with variance assumed equal (ANOVA) using a P-value cut off of 0.05, followed by Benjamin and Hochberg false discovery rate multiple-test correction. A gene list of 4,759 significant genes was obtained and used to determine fold changes in expression between the 3 different conditions. Of these, 1,801 genes were twofold or higher differentially regulated between FcγRIIB antibody–treated DCs compared with isotype control antibody–treated DCs.

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Table S1. List of genes differentially expressed in anti-FcγRIIB antibody treated DCs

Probe ID	Fold change	Name	Full Name
Type I Interferon Inducible Genes			
202411_at	41.18	IFI27	interferon, α-inducible protein 27
204439_at	35.73	C1orf29	chromosome 1 open reading frame 29
219519_s_at	12.61	SN	sialoadhesin
210118_s_at	12.64	IL1A	interleukin 1, α
242625_at	10.38	cig5	viperin
200986_at	10.13	SERPING1	serine (or cysteine) proteinase inhibitor, clade G (C1 inhibitor)
202086_at	9.746	MX1	myxovirus (influenza virus) resistance 1
219211_at	9.578	USP18	ubiquitin specific protease 18
214022_s_at	7.176	IFITM1	interferon induced transmembrane protein 1 (9-27)
229450_at	6.437	IFIT4	interferon-induced protein with tetratricopeptide repeats 4
226702_at	5.744	LOC129607	hypothetical protein LOC129607
223659_at	5.469	MSP	mosaic serine protease
204415_at	5.346	G1P3	interferon, α-inducible protein (clone IFI-6-16)
209969_s_at	4.839	STAT1	signal transducer and activator of transcription 1, 91 kD
214038_at	4.532	CCL8	Monocyte chemotactic protein 2.
204972_at	4.574	OAS2	2'-5'-oligoadenylate synthetase 2, 69/71 kD
208436_s_at	4.558	IRF7	interferon regulatory factor 7
203153_at	4.448	IFIT1	interferon-induced protein with tetratricopeptide repeats 1
203915_at	4.42	CXCL9	chemokine (C-X-C motif) ligand 9
218400_at	4.316	OAS3	2'-5'-oligoadenylate synthetase 3, 100 kD
219863_at	4.43	CEB1	cyclin-E binding protein 1
211267_at	4.183	HESX1	homeo box (expressed in ES cells) 1
229625_at	3.95	GBP5	guanylate binding protein 5
209417_s_at	3.873	IFI35	interferon-induced protein 35
214453_s_at	3.621	IFI44	interferon-induced protein 44
210797_s_at	3.444	OASL	*Homo sapien*s 2'-5'oligoadenylate synthetase-related protein p30.
209035_at	3.381	MDK	midkine (neurite growth-promoting factor 2)
204994_at	3.343	MX2	myxovirus (influenza virus) resistance 2 (mouse)
218986_s_at	3.363	FLJ20035	hypothetical protein FLJ20035
212203_x_at	3.13	IFITM3	interferon-induced transmembrane protein 3 (1-8U)
238581_at	3.016	GBP5	guanylate binding protein 5
226757_at	3.015	IFIT2	interferon-induced protein with tetratricopeptide repeats 2
223220_s_at	2.947	BAL	B aggressive lymphoma gene
202145_at	2.722	LY6E	lymphocyte antigen 6 complex, locus E
200923_at	2.678	LGALS3BP	lectin, galactoside-binding, soluble, 3 binding protein
218943_s_at	2.341	DDX58	DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide
242234_at	2.105	HSXIAPAF1	XIAP-associated factor-1
210354_at	2.155	IFNG	Human mRNA for HuIFN-γ interferon.
224701_at	2.432	KIAA1268	KIAA1268 protein
228439_at	2.114	MGC20410	hypothetical protein BC012330
202688_at	2.05	TNFSF10	TNF (ligand) superfamily, member 10
Chemokine-/cytokine-related genes			
1405_i_at	41.14	CCL5	chemokine (C-C motif) ligand 5
210072_at	8.975	CCL19	chemokine (C-C motif) ligand 19
219971_at	3.48	IL21R	interleukin 21 receptor
204103_at	2.893	CCL4	chemokine (C-C motif) ligand 4
205114_s_at	2.49	CCL3	chemokine (C-C motif) ligand 3
209716_at	2.25	CSF1	Human macrophage-specific colony-stimulating factor (CSF-1)

212659_s_at	2.099	IL1RN	interleukin 1 receptor antagonist
FcR-/Ig-/complement-related genes			
208747_s_at	21.97	C1S	complement component 1, s subcomponent
235400_at	9.668	FREB	Fc receptor homolog expressed in B cells
206881_s_at	7.737	LILRA3	leukocyte immunoglobulin-like receptor, subfamily A, member 3
208792_s_at	4.234	CLU	clusterin (complement lysis inhibitor)
1552806_a_at	2.021	SIGLEC10	sialic acid binding Ig-like lectin 10
Miscellaneous genes			
1553602_at	71.74	LOC118430	small breast epithelial mucin
204475_at	54.39	MMP1	matrix metalloproteinase 1 (interstitial collagenase)
206134_at	22.07	ADAMDEC1	ADAM-like, decysin 1
222935_x_at	19.92	SLC39A8	solute carrier family 39 (zinc transporter), member 8
202833_s_at	8.611	SERPINA1	serine (or cysteine) proteinase inhibitor, clade A (α-1 antiproteinase, antitrypsin), member 1
202628_s_at	5.367	SERPINE1	serine (or cysteine) proteinase inhibitor, clade E (nexin, plasminogen activator inhibitor type 1), member 1
204625_s_at	6.787	ITGB3	integrin, β 3 (platelet glycoprotein IIIa, antigen CD61)
206022_at	5.214	NDP	Norrie disease (pseudoglioma)
217897_at	4.151	FXYD6	FXYD domain containing ion transport regulator 6
232119_at	4.008	SYNPO2	synaptopodin 2
206513_at	3.571	AIM2	absent in melanoma 2
207015_s_at	2.717	ALDH1A2	aldehyde dehydrogenase 1 family, member A2
200628_s_at	2.63	WARS	tryptophanyl-tRNA synthetase
203642_s_at	2.538	COBLL1	COBL-like 1
211812_s_at	2.388	B3GALT3	UDP-Gal:βGlcNAc β 1,3-galactosyltransferase, polypeptide 3
205990_s_at	2.268	WNT5A	wingless-type MMTV integration site family, member 5A
201061_s_at	2.222	STOM	*Homo sapiens* erythrocyte membrane protein mRNA
201641_at	2.191	BST2	bone marrow stromal cell antigen 2
208886_at	2.171	H1F0	H1 histone family, member 0
209198_s_at	2.101	SYT11	synaptotagmin XI
225342_at	2.019	AK3	adenylate kinase 3
205611_at	0.426	TNFSF12	APO3/DR3 ligand
Unknown Genes			
231688_at	11.4		Transcribed sequences
211429_s_at	6.956		PRO2275 mRNA, complete cds
1569095_at	4.733		Clone IMAGE:4133286, mRNA
220950_s_at	4.586	FLJ10081	hypothetical protein FLJ10081
1554905_x_at	4.488	FKSG44	hypothetical protein FKSG44
219352_at	4.055	FLJ20637	
241981_at	4.043	FAM20A	CDNA FLJ27210 fis, clone SYN03494
238452_at	3.805	FLJ31052	hypothetical protein FLJ31052
238219_at	3.704	FLJ35821	hypothetical protein FLJ35821
235157_at	3.268		*Homo sapiens* cDNA clone IMAGE:2730894.
228066_at	3.086		cDNA E130012A19 (LOC390789)
235175_at	3.008		*Homo sapiens* cDNA clone IMAGE:4480652.
1559777_at	2.969		clone TESTI2003718
238439_at	2.921	ANKRD22	Alu repetitive element; mRNA sequence.
237753_at	2.737		Hypothetical protein MGC4027
232375_at	2.151		Clone MAMMA1000643
213607_x_at	2.148	FLJ13052	cDNA DKFZp686L22239
215788_at	2.023	LOC339457	hypothetical protein LOC339457
213167_s_at	2.021	SLC5A3	*Homo sapiens* cDNA clone IMAGE:4397525 .
204277_s_at	0.499	TK2	*Homo sapiens* cDNA clone IMAGE:3922971.

The table shows 95 genes that are differentially expressed in DCs treated with anti-FcγRIIB antibody (genes shown in the box in Fig. 1 B). Fold change refers to fold increase in gene expression in DCs treated with anti-FcγRIIB antibody relative to DCs treated with isotype control mouse IgG1 antibody. Interferon response genes were identified by treating DCs with exogenous interferon-α (Table S2).

Table S2. List of genes induced by less than fivefold in Mo-DCs 24 h after treatment with 1000 U/ml interferon-α2β (Intron-A)

Probe ID	Name	Full Name
226103_at	NEXN	nexilin (F actin binding protein)
204439_at	C1orf29	chromosome 1 open reading frame 29
202411_at	IFI27	interferon, α-inducible protein 27
204698_at	ISG20	interferon stimulated gene 20 kD
242625_at	cig5	viperin
213797_at	cig5	viperin
1552309_a_at	NEXN	nexilin (F actin binding protein)
203153_at	IFIT1	interferon-induced protein with tetratricopeptide repeats 1
211267_at	HESX1	homeo box (expressed in ES cells) 1
202086_at	MX1	myxovirus (influenza virus) resistance 1, interferon-inducible protein p78 (mouse)
217502_at	IFIT2	interferon-induced protein with tetratricopeptide repeats 2
214022_s_at	IFITM1	interferon induced transmembrane protein 1 (9-27)
201601_x_at	IFITM1	interferon induced transmembrane protein 1 (9-27)
226702_at	LOC129607	hypothetical protein LOC129607
211122_s_at	CXCL11	chemokine (C-X-C motif) ligand 11
224225_s_at	ETV7	ets variant gene 7 (TEL2 oncogene)
33304_at	ISG20	interferon stimulated gene 20 kD
204747_at	IFIT4	interferon-induced protein with tetratricopeptide repeats 4
219211_at	USP18	ubiquitin specific protease 18
218400_at	OAS3	2'-5'-oligoadenylate synthetase 3, 100 kD
219519_s_at	SN	sialoadhesin
219863_at	CEB1	cyclin-E binding protein 1
205660_at	OASL	2'-5'-oligoadenylate synthetase-like
203819_s_at	IMP-3	IGF-II mRNA-binding protein 3
214059_at	IFI44	interferon-induced protein 44
202688_at	TNFSF10	tumor necrosis factor (ligand) superfamily, member 10
226757_at	IFIT2	interferon-induced protein with tetratricopeptide repeats 2
229450_at	IFIT4	interferon-induced protein with tetratricopeptide repeats 4
202687_s_at	TNFSF10	tumor necrosis factor (ligand) superfamily, member 10
202686_s_at	AXL	AXL receptor tyrosine kinase
205483_s_at	G1P2	interferon, α-inducible protein (clone IFI-15K)
214329_x_at	TNFSF10	xs95h07.x1 NCI_CGAP_Ut4 *Homo sapiens* cDNA clone IMAGE:2777437 3' similar to contains Alu repetitive element;contains element HGR repetitive element ;, mRNA sequence.
235574_at	GBP4	guanylate binding protein 4
210797_s_at	OASL	interferon-induced protein; 30 kD; alternatively spliced; *Homo sapiens* 2'-5'oligoadenylate synthetase-related protein p30 (OASL) mRNA, alternatively spliced, complete cds.
205226_at	PDGFRL	platelet-derived growth factor receptor-like
242020_s_at	ZBP1	Z-DNA binding protein 1
204972_at	OAS2	2'-5'-oligoadenylate synthetase 2, 69/71 kD
215444_s_at	TRIM31	tripartite motif-containing 31
209417_s_at	IFI35	interferon-induced protein 35
201315_x_at	IFITM3	interferon induced transmembrane protein 2 (1-8D)
204415_at	G1P3	interferon, α-inducible protein (clone IFI-6-16)
214453_s_at	IFI44	interferon-induced protein 44
238091_at		Clone IMAGE:4817555, mRNA
210873_x_at	APOBEC3A	apolipoprotein B mRNA editing enzyme, catalytic polypeptide-like 3A
200986_at	SERPING1	serine (or cysteine) proteinase inhibitor, clade G (C1 inhibitor), member 1, (angioedema, hereditary)

210159_s_at	TRIM31	tripartite motif-containing 31
218986_s_at	FLJ20035	hypothetical protein FLJ20035
223298_s_at	NT5C3	5'-nucleotidase, cytosolic III
202145_at	LY6E	lymphocyte antigen 6 complex, locus E
210163_at	CXCL11	chemokine (C-X-C motif) ligand 11
211165_x_at	EPHB2	EphB2
235643_at	FLJ39885	hypothetical protein FLJ39885
220059_at	BRDG1	BCR downstream signaling 1
220492_s_at	OTOF	otoferlin
209969_s_at	STAT1	signal transducer and activator of transcription 1, 91 kD
230405_at		CDNA FLJ46914 fis, clone SPLEN2027852
227544_at	C14orf83	yl81h11.s1 Soares infant brain 1NIB *Homo sapiens* cDNA clone IMAGE:44797 3', mRNA sequence.
1555251_a_at	OTOF	otoferlin
212203_x_at	IFITM3	interferon induced transmembrane protein 3 (1-8U)
206008_at	TGM1	transglutaminase 1 (K polypeptide epidermal type I, protein-glutamine-γ-glutamyltransferase)
219691_at	FLJ20073	FLJ20073 protein
235609_at	BRIP1	BRCA1 interacting protein C-terminal helicase 1
227609_at	EPSTI1	epithelial stromal interaction 1 (breast)
232787_at	LOC200213	hypothetical protein LOC200213
222793_at	DDX58	DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide
203915_at	CXCL9	chemokine (C-X-C motif) ligand 9
223220_s_at	BAL	B aggressive lymphoma gene
213050_at	COBL	cordon-bleu homolog (mouse)
219352_at	FLJ20637	
204187_at	GMPR	guanosine monophosphate reductase
225291_at	PNPT1	polyribonucleotide nucleotidyltransferase 1
215495_s_at	SAMD4	sterile α motif domain containing 4
230036_at	FLJ39885	hypothetical protein FLJ39885
228531_at	FLJ20073	oc86b09.s1 NCI_CGAP_GCB1 *Homo sapiens* cDNA clone IMAGE:1356569 3', mRNA sequence.
208392_x_at	SP110	SP110 nuclear body protein
231455_at		CDNA FLJ42418 fis, clone BLADE2001987
231577_s_at	GBP1	guanylate binding protein 1, interferon-inducible, 67 kD
205692_s_at	CD38	CD38 antigen (p45)
219684_at	IFRG28	28kD interferon responsive protein
228230_at	PRIC285	
1553785_at	RASGEF1B	RasGEF domain family, member 1B
208436_s_at	IRF7	interferon regulatory factor 7
226603_at	FLJ39885	601660289R1 NIH_MGC_71 *Homo sapiens* cDNA clone IMAGE:3905950 3', mRNA sequence.
206271_at	TLR3	toll-like receptor 3
214511_x_at	FCGR1A	Fc fragment of IgG, high affinity Ia, receptor for (CD64)
206133_at	HSXIAPAF1	synonym: XAF1; isoform 1 is encoded by transcript variant 1; go_function: zinc ion binding [goid 0008270] [evidence IEA]; *Homo sapiens* XIAP associated factor-1 (HSXIAPAF1), transcript variant 1, mRNA.
219209_at	MDA5	melanoma differentiation associated protein-5
AFFX-HUMISGF3A/M97935_MA_at	STAT1	
202270_at	GBP1	guanylate binding protein 1, interferon-inducible, 67 kD

211012_s_at	PML	promyelocytic leukemia
202446_s_at	PLSCR1	phospholipid scramblase 1
209762_x_at	SP110	SP110 nuclear body protein
210705_s_at	TRIM5	tripartite motif-containing 5
243271_at		Transcribed sequences
228439_at	MGC20410	hypothetical protein BC012330
209589_s_at	EPHB2	EphB2
208012_x_at	SP110	SP110 nuclear body protein
202430_s_at	PLSCR1	phospholipid scramblase 1
215444_s_at	TRIM31	tripartite motif-containing 31
209417_s_at	IFI35	interferon-induced protein 35
201315_x_at	IFITM3	interferon induced transmembrane protein 2 (1-8D)
204415_at	G1P3	interferon, α-inducible protein (clone IFI-6-16)
214453_s_at	IFI44	interferon-induced protein 44
238091_at		Clone IMAGE:4817555, mRNA
210873_x_at	APOBEC3A	apolipoprotein B mRNA editing enzyme, catalytic polypeptide-like 3A
200986_at	SERPING1	serine (or cysteine) proteinase inhibitor, clade G (C1 inhibitor), member 1, (angioedema, hereditary)
210159_s_at	TRIM31	tripartite motif-containing 31
218986_s_at	FLJ20035	hypothetical protein FLJ20035
223298_s_at	NT5C3	5'-nucleotidase, cytosolic III
202145_at	LY6E	lymphocyte antigen 6 complex, locus E
210163_at	CXCL11	chemokine (C-X-C motif) ligand 11
211165_x_at	EPHB2	EphB2
235643_at	FLJ39885	hypothetical protein FLJ39885
220059_at	BRDG1	BCR downstream signaling 1
220492_s_at	OTOF	otoferlin
209969_s_at	STAT1	signal transducer and activator of transcription 1, 91 kD
230405_at		CDNA FLJ46914 fis, clone SPLEN2027852
227544_at	C14orf83	yl81h11.s1 Soares infant brain 1NIB *Homo sapiens* cDNA clone IMAGE:44797 3', mRNA sequence.
1555251_a_at	OTOF	otoferlin
212203_x_at	IFITM3	interferon induced transmembrane protein 3 (1-8U)
206008_at	TGM1	transglutaminase 1 (K polypeptide epidermal type I, protein-glutamine-γ-glutamyltransferase)
219691_at	FLJ20073	FLJ20073 protein
235609_at	BRIP1	BRCA1 interacting protein C-terminal helicase 1
227609_at	EPSTI1	epithelial stromal interaction 1 (breast)
232787_at	LOC200213	hypothetical protein LOC200213
222793_at	DDX58	DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide
203915_at	CXCL9	chemokine (C-X-C motif) ligand 9
223220_s_at	BAL	B aggressive lymphoma gene
213050_at	COBL	cordon-bleu homolog (mouse)
219352_at	FLJ20637	
204187_at	GMPR	guanosine monophosphate reductase
225291_at	PNPT1	polyribonucleotide nucleotidyltransferase 1
215495_s_at	SAMD4	sterile α motif domain containing 4
230036_at	FLJ39885	hypothetical protein FLJ39885
228531_at	FLJ20073	oc86b09.s1 NCI_CGAP_GCB1 *Homo sapiens* cDNA clone IMAGE:1356569 3', mRNA sequence.
208392_x_at	SP110	SP110 nuclear body protein
231455_at		CDNA FLJ42418 fis, clone BLADE2001987
231577_s_at	GBP1	guanylate binding protein 1, interferon-inducible, 67 kD

205692_s_at	CD38	CD38 antigen (p45)
219684_at	IFRG28	28kD interferon responsive protein
228230_at	PRIC285	
1553785_at	RASGEF1B	RasGEF domain family, member 1B
208436_s_at	IRF7	interferon regulatory factor 7
226603_at	FLJ39885	601660289R1 NIH_MGC_71 *Homo sapiens* cDNA clone IMAGE:3905950 3', mRNA sequence.
206271_at	TLR3	toll-like receptor 3
214511_x_at	FCGR1A	Fc fragment of IgG, high affinity Ia, receptor for (CD64)
206133_at	HSXIAPAF1	synonym: XAF1; isoform 1 is encoded by transcript variant 1; go_function: zinc ion binding [goid 0008270] [evidence IEA]; *Homo sapiens* XIAP associated factor-1 (HSXIAPAF1), transcript variant 1, mRNA.
219209_at	MDA5	melanoma differentiation associated protein-5
AFFX-HUMISGF3A/M97935_MA_at	STAT1	
202270_at	GBP1	guanylate binding protein 1, interferon-inducible, 67 kD
211012_s_at	PML	promyelocytic leukemia
202446_s_at	PLSCR1	phospholipid scramblase 1
209762_x_at	SP110	SP110 nuclear body protein
210705_s_at	TRIM5	tripartite motif-containing 5
243271_at		Transcribed sequences
228439_at	MGC20410	hypothetical protein BC012330
209589_s_at	EPHB2	EphB2
208012_x_at	SP110	SP110 nuclear body protein
202430_s_at	PLSCR1	phospholipid scramblase 1
244414_at		Transcribed sequences
1554343_a_at	BRDG1	BCR downstream signaling 1
235157_at		UI-H-BW0-aiy-a-04-0-UI.s1 NCI_CGAP_Sub6 *Homo sapiens* cDNA clone IMAGE:2730894 3', mRNA sequence.
219364_at	LGP2	likely ortholog of mouse D11lgp2
206486_at	LAG3	lymphocyte-activation gene 3
214038_at	CCL8	wr88g11.x1 NCI_CGAP_Kid11 *Homo sapiens* cDNA clone IMAGE:2494820 3' similar to SW:MCP2_HUMAN P80075 MONOCYTE CHEMOTACTIC PROTEIN 2 PRECURSOR ;, mRNA sequence.
242234_at	HSXIAPAF1	XIAP associated factor-1
228617_at	HSXIAPAF1	zl40a07.s1 Soares_pregnant_uterus_NbHPU *Homo sapiens* cDNA clone IMAGE:504372 3' similar to contains MER13.t1 MER13 repetitive element;, mRNA sequence.
AFFX-HUMISGF3A/M97935_5_at	STAT1	
AFFX-HUMISGF3A/M97935_MB_at	STAT1	
221703_at	BRIP1	BRCA1 interacting protein C-terminal helicase 1
223980_s_at	SP110	SP110 nuclear body protein
235276_at	EPSTI1	epithelial stromal interaction 1 (breast)
217546_at	MT1K	metallothionein 1K
202357_s_at	BF	B-factor, properdin
1552623_at	HSH2D	hematopoietic SH2 protein

1556643_at	LOC93343	*Homo sapiens* cDNA FLJ31061 fis, clone HSYRA2000927.
228152_s_at	FLJ31033	hypothetical protein FLJ31033
202869_at	OAS1	2',5'-oligoadenylate synthetase 1, 40/46 kD
232155_at	KIAA1618	KIAA1618
213294_at	FLJ38348	hypothetical protein FLJ38348
207777_s_at	SP140	SP140 nuclear body protein
208075_s_at	CCL7	chemokine (C-C motif) ligand 7
209761_s_at	SP110	SP110 nuclear body protein
209035_at	MDK	midkine (neurite growth-promoting factor 2)
228714_at		MRNA; cDNA DKFZp686G1498 (from clone DKFZp686G1498)
206513_at	AIM2	absent in melanoma 2
224701_at	KIAA1268	KIAA1268 protein
239979_at		Transcribed sequences
1554957_at		CDNA clone MGC:16021 IMAGE:3606756, complete cds
203820_s_at	IMP-3	IGF-II mRNA-binding protein 3
206503_x_at	PML	promyelocytic leukemia
205552_s_at	OAS1	2',5'-oligoadenylate synthetase 1, 40/46 kD
201649_at	UBE2L6	ubiquitin-conjugating enzyme E2L 6
204211_x_at	PRKR	protein kinase, interferon-inducible double stranded RNA dependent
216598_s_at	CCL2	chemokine (C-C motif) ligand 2
202307_s_at	TAP1	transporter 1, ATP-binding cassette, sub-family B (MDR/TAP)
202269_x_at	GBP1	guanylate binding protein 1, interferon-inducible, 67 kD
225415_at	BBAP	rhysin 2
242961_x_at	RIG-I	DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide
227347_x_at	Hes4	bHLH factor Hes4
213982_s_at	HHL	expressed in hematopoietic cells, heart, liver
239587_at		Transcribed sequences
211013_x_at	PML	promyelocytic leukemia
204804_at	SSA1	Sjogren syndrome antigen A1 (52 kD, ribonucleoprotein autoantigen SS-A/Ro)
209546_s_at	APOL1	apolipoprotein L, 1
228607_at	OAS2	wb07a12.x1 NCI_CGAP_GC6 *Homo sapiens* cDNA clone IMAGE:2304958 3', mRNA sequence.
1569403_at		Similar to hypothetical protein PRO1722, clone IMAGE:4706427, mRNA
237105_at	PRKRA	protein kinase, interferon-inducible double stranded RNA dependent activator
227262_at	HAPLN3	hyaluronan and proteoglycan link protein 3
1555785_a_at	1-Sep	strand-exchange protein 1
1559582_at		Clone IMAGE:5441133, mRNA
225510_at	NS5ATP13 TP2	NS5ATP13TP2 protein
218051_s_at	FLJ12442	hypothetical protein FLJ12442
227038_at	MGC26963	hypothetical protein MGC26963
228560_at	CACNA1D	calcium channel, voltage-dependent, L type, α 1D subunit
219225_at	PGBD5	piggyBac transposable element derived 5
1555788_a_at	TRIB3	chromosome 20 open reading frame 97
223366_at		Clone IMAGE:3618365, mRNA
228403_at	UNQ470	GAAI470
225802_at	TOP1MT	mitochondrial topoisomerase I
1554343_a_at	BRDG1	BCR downstream signaling 1
235157_at		UI-H-BW0-aiy-a-04-0-UI.s1 NCI_CGAP_Sub6 *Homo sapiens* cDNA clone IMAGE:2730894 3', mRNA sequence.

219364_at	LGP2	likely ortholog of mouse D11lgp2
206486_at	LAG3	lymphocyte-activation gene 3
214038_at	CCL8	wr88g11.x1 NCI_CGAP_Kid11 *Homo sapiens* cDNA clone IMAGE:2494820 3' similar to SW:MCP2_HUMAN P80075 MONOCYTE CHEMOTACTIC PROTEIN 2 PRECURSOR ;, mRNA sequence.
242234_at	HSXIAPAF1	XIAP associated factor-1
228617_at	HSXIAPAF1	zl40a07.s1 Soares_pregnant_uterus_NbHPU *Homo sapiens* cDNA clone IMAGE:504372 3' similar to contains MER13.t1 MER13 repetitive element ;, mRNA sequence.
AFFX-HUMISGF3A/M97935_5_at	STAT1	
AFFX-HUMISGF3A/M97935_MB_at	STAT1	
221703_at	BRIP1	BRCA1 interacting protein C-terminal helicase 1
223980_s_at	SP110	SP110 nuclear body protein
235276_at	EPSTI1	epithelial stromal interaction 1 (breast)
217546_at	MT1K	metallothionein 1K
202357_s_at	BF	B-factor, properdin
1552623_at	HSH2D	hematopoietic SH2 protein
1556643_at	LOC93343	*Homo sapiens* cDNA FLJ31061 fis, clone HSYRA2000927.
228152_s_at	FLJ31033	hypothetical protein FLJ31033
202869_at	OAS1	2',5'-oligoadenylate synthetase 1, 40/46 kD
232155_at	KIAA1618	KIAA1618
213294_at	FLJ38348	hypothetical protein FLJ38348
207777_s_at	SP140	SP140 nuclear body protein
208075_s_at	CCL7	chemokine (C-C motif) ligand 7
209761_s_at	SP110	SP110 nuclear body protein
209035_at	MDK	midkine (neurite growth-promoting factor 2)
228714_at		MRNA; cDNA DKFZp686G1498 (from clone DKFZp686G1498)
206513_at	AIM2	absent in melanoma 2
224701_at	KIAA1268	KIAA1268 protein
239979_at		Transcribed sequences
1554957_at		CDNA clone MGC:16021 IMAGE:3606756, complete cds
203820_s_at	IMP-3	IGF-II mRNA-binding protein 3
206503_x_at	PML	promyelocytic leukemia
205552_s_at	OAS1	2',5'-oligoadenylate synthetase 1, 40/46 kD
201649_at	UBE2L6	ubiquitin-conjugating enzyme E2L 6
204211_x_at	PRKR	protein kinase, interferon-inducible double stranded RNA dependent
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228403_at	UNQ470	GAAI470
225802_at	TOP1MT	mitochondrial topoisomerase I

Gene expression profiles were analyzed by Affymetrix microarrays (U133Plus2.0).