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-Fc γ RIIB 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-Fc γ RIIB 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-FcyRIIb 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.

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

	Fold	<i>J</i> 1	,
Probe ID	change	Name	Full Name
Type I Interfe	ron Inducil	ble 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 sapiens 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	3.303	IFITM3	interferon-induced transmembrane protein 3 (1-8U)
212203_x_at 238581_at	3.016	GBP5	guanylate binding protein 5
226757 at	3.015	IFIT2	interferon-induced protein with tetratricopeptide repeats 2
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223220_s_at 202145 at	2.947 2.722	BAL LY6E	B aggressive lymphoma gene lymphocyte antigen 6 complex, locus E
202143_at 200923 at	2.722	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	2.341	HSXIAPAF1	XIAP-associated factor-1
210354 at	2.103	IFNG	Human mRNA for HuIFN-γ interferon.
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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-/c	-	_	down line (C.C. matiO line at 5
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)

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23400_ ar			_	complement component 1 s subcomponent	
208892 s at 4.234 CLU Clusterin (complement lysis inhibitor)					
208792	_			• •	
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153602 at				· · · · · · · · · · · · · · · · · · ·	
1538602_at			SIGLLETO	Static deta biliding 1g like feetin 10	
204175_at 54.39 MMP matrix metalloproteinase (interstitial collagenase)	_		LOC118430	small breast enithelial mucin	
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	2072//_5_at	U. 4 77	1114	Homo suprens CDIVA CIONE HVIAGE. 37227/1.	

The table shows 95 genes that are differentially expressed in DCs treated with anti-Fc γ RIIB antibody (genes shown in the box in Fig. 1 B). Fold change refers to fold increase in gene expression in DCs treated with anti-Fc γ RIIB 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- α 2 β (Intron-A)

Probe ID	Name	Full Name
226103 at	NEXN	nexilin (F actin binding protein)
204439 at	Clorf29	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
202006	3.6771	myxovirus (influenza virus) resistance 1, interferon-inducible protein
202086_at	MX1	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)
		xs95h07.x1 NCI CGAP Ut4 Homo sapiens cDNA clone
		IMAGE:2777437 3' similar to contains Alu repetitive element; contains
214329_x_at	TNFSF10	element HGR repetitive element ;, mRNA sequence.
235574_at	GBP4	guanylate binding protein 4
		interferon-induced protein; 30 kD; alternatively spliced; <i>Homo sapiens</i>
		2'-5'oligoadenylate synthetase-related protein p30 (OASL) mRNA,
210797_s_at	OASL	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
		serine (or cysteine) proteinase inhibitor, clade G (C1 inhibitor),
200986 at	SERPING1	member 1, (angioedema, hereditary)

210150 a at	TDIM21	trinoutite metif containing 21
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
		yl81h11.s1 Soares infant brain 1NIB Homo sapiens cDNA clone
227544_at	C14orf83	IMAGE:44797 3', mRNA sequence.
1555251_a_at	OTOF	otoferlin
212203_x_at	IFITM3	interferon induced transmembrane protein 3 (1-8U)
		transglutaminase 1 (K polypeptide epidermal type I, protein-glutamine-
206008_at	TGM1	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
230030_ut	12037000	oc86b09.s1 NCI CGAP GCB1 Homo sapiens cDNA clone
228531 at	FLJ20073	IMAGE:1356569 3', mRNA sequence.
208392 x at	SP110	SP110 nuclear body protein
231455 at	SITIO	CDNA FLJ42418 fis, clone BLADE2001987
231433_at 231577 s at	GBP1	guanylate binding protein 1, interferon-inducible, 67 kD
205692 s at	CD38	CD38 antigen (p45)
203692_s_at 219684_at	IFRG28	28kD interferon responsive protein
		ZOND IIIGHTEIOH TESPONSIVE PROTEIN
228230_at	PRIC285	DesCEE domain family, mambar 1D
1553785_at	RASGEF1B	RasGEF domain family, member 1B
208436_s_at	IRF7	interferon regulatory factor 7
226602 -4	EI 120005	601660289R1 NIH_MGC_71 Homo sapiens cDNA clone
226603_at	FLJ39885	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)
		synonym: XAF1; isoform 1 is encoded by transcript variant 1;
	ПСЛІЧВАЕ	go_function: zinc ion binding [goid 0008270] [evidence IEA]; Homo
206122 of	HSXIAPAF	sapiens XIAP associated factor-1 (HSXIAPAF1), transcript variant 1,
206133_at	MDA 5	mRNA.
219209_at	MDA5	melanoma differentiation associated protein-5
AFFX-		
HUMISGF3A/M	CTAT1	
97935_MA_at	STAT1	guanulata hinding pratain 1 interferen indusit 1 (71D)
202270_at	GBP1	guanylate binding protein 1, interferon-inducible, 67 kD

202446 s at	211012 s at	PML	promyelocytic leukemia
200762 x at SP110 SP110 nuclear body protein			
243271 at			
29349 at MGC20410 hypothetical protein BC012330 EpHB2 EphB2			
209589 s at EPHB2 EphB2 208012 x at SP110 SP110 nuclear body protein 202430 s at PLSCRI phospholipid scramblase 1 215444 s at TRIM31 tripartite motif-containing 31 209417 s at IFITS interferon induced protein 35 201315 x at IFITM3 interferon, -induceible protein (clone IFI-6-16) 204415 at GIP3 interferon, -induceible protein (clone IFI-6-16) 214453 s at IFIF44 interferon, -induceible protein (clone IFI-6-16) 238091 at Clone IMAGE:4817555, mRNA 210873 x at APOBECSA apolipoprotein B mRNA editing enzyme, catalytic polypeptide-like 3A serine (or cysteine) proteinsase inhibitor, clade G (Cl inhibitor), member 1, (angioedema, hereditary) 210159 s, at TRIM31 tripartite motif-containing 31 218986 s at FLJ20035 hypothetical protein FLJ20035 223298 g at NTSC3 S*-nucleotidase, cytosolic III 210163 at CXCL11 chemokine (C-X-C motif) ligand 11 21165 x at FHIB3 EphB2 220492 s at OTOF otoferlin 233643 at	_	MGC20410	
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1909417 s at			
201315 x at			
204415 at GIP3			
214453 s at			
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CDNA FLJ46914 fis, clone SPLEN2027852 yl81h11.s1 Soares infant brain 1NIB Homo sapiens cDNA clone IMAGE:44797 3', mRNA sequence. 1555251 a at OTOF otoferlin interferon induced transmembrane protein 3 (1-8U) transglutaminase 1 (K polypeptide epidermal type I, protein-glutamine-γ-glutamyltransferase) FLJ20073 FLJ20073 protein 227609 at EPST11 epithelial stromal interaction 1 (breast) 232787 at LOC200213 hypothetical protein LOC200213 222793 at DDX58 DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 233209 at BAL B aggressive lymphoma gene 213050 at COBL cordon-bleu homolog (mouse) 219352 at FLJ20637 ELJ20637 ELJ20637 ELJ20637 ELJ20073 ELJ20073 ELJ20073 ELJ20637 ELJ20073 ELJ20073 ELJ20073 ELJ20637 ELJ206385 ELJ20637 EL			
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227544_at C14orf83 IMAGE:44797 3', mRNA sequence. 1555251_a_at OTOF otoferlin 212203_x_at IFITM3 interferon induced transmembrane protein 3 (1-8U) 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 EPST11 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 oc86b09.s1 NCI_CGAP_GCB1 Homo sapiens cDNA clone 1MAGE:1356569_3', mRNA sequence. 208392_x_at SP110 SP110 nuclear body protein CDNA FLJ42418 fis, clone BLADE2001987	230405_at		
1555251 a at OTOF otoferlin interferon induced transmembrane protein 3 (1-8U) 1206008 at TGM1 y-glutamyltransferase) 19691 at FLJ20073 FLJ20073 protein 1235609 at BRIP1 BRCA1 interacting protein C-terminal helicase 1 epithelial stromal interaction 1 (breast) 1232787 at LOC200213 hypothetical protein LOC200213 1222793 at DDX58 DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 123320 s at BAL B aggressive lymphoma gene 123050 at CCCD cordon-bleu homolog (mouse) 1235291 at FLJ20637 guanosine monophosphate reductase 125291 at PNPT1 polyribonucleotide nucleotidyltransferase 1 125495 s at SAMD4 sterile α motif domain containing 4 123036 at FLJ39885 hypothetical protein FLJ39885 128531 at FLJ20073 IMAGE:1356569 3', mRNA sequence. 1208392 x at SP110 SP110 nuclear body protein 12000000000000000000000000000000000000			
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223220 s atBALB aggressive lymphoma gene213050 atCOBLcordon-bleu homolog (mouse)219352 atFLJ20637204187 atGMPRguanosine monophosphate reductase225291 atPNPT1polyribonucleotide nucleotidyltransferase 1215495 s atSAMD4sterile α motif domain containing 4230036 atFLJ39885hypothetical protein FLJ398850c86b09.s1 NCI_CGAP_GCB1 Homo sapiens cDNA clone228531 atFLJ20073IMAGE:1356569 3', mRNA sequence.208392 x atSP110SP110 nuclear body protein231455_atCDNA FLJ42418 fis, clone BLADE2001987			
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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 IMAGE:1356569 3', mRNA sequence. 208392 x at SP110 SP110 nuclear body protein 231455_at CDNA FLJ42418 fis, clone BLADE2001987			
204187 atGMPRguanosine monophosphate reductase225291 atPNPT1polyribonucleotide nucleotidyltransferase 1215495 s atSAMD4sterile α motif domain containing 4230036 atFLJ39885hypothetical protein FLJ398850c86b09.s1 NCI_CGAP_GCB1 Homo sapiens cDNA clone228531_atFLJ20073IMAGE:1356569 3', mRNA sequence.208392_x_atSP110SP110 nuclear body protein231455_atCDNA FLJ42418 fis, clone BLADE2001987	213050_at	COBL	cordon-bleu homolog (mouse)
225291 atPNPT1polyribonucleotide nucleotidyltransferase 1215495 s atSAMD4sterile α motif domain containing 4230036 atFLJ39885hypothetical protein FLJ398850c86b09.s1 NCI_CGAP_GCB1 Homo sapiens cDNA clone228531_atFLJ20073IMAGE:1356569 3', mRNA sequence.208392_x_atSP110SP110 nuclear body protein231455_atCDNA FLJ42418 fis, clone BLADE2001987	219352_at	FLJ20637	
215495 s at SAMD4 sterile α motif domain containing 4 230036 at FLJ39885 hypothetical protein FLJ39885 228531 at FLJ20073 IMAGE:1356569 3', mRNA sequence. 208392 x at SP110 SP110 nuclear body protein 231455 at CDNA FLJ42418 fis, clone BLADE2001987	204187_at	GMPR	guanosine monophosphate reductase
215495 s at SAMD4 sterile α motif domain containing 4 230036 at FLJ39885 hypothetical protein FLJ39885 228531 at FLJ20073 IMAGE:1356569 3', mRNA sequence. 208392 x at SP110 SP110 nuclear body protein 231455 at CDNA FLJ42418 fis, clone BLADE2001987	225291_at	PNPT1	polyribonucleotide nucleotidyltransferase 1
230036 at FLJ39885 hypothetical protein FLJ39885 228531 at oc86b09.s1 NCI_CGAP_GCB1 Homo sapiens cDNA clone 1 IMAGE:1356569 3', mRNA sequence. 208392 x at SP110 231455_at CDNA FLJ42418 fis, clone BLADE2001987			sterile α motif domain containing 4
228531_at FLJ20073 IMAGE:1356569 3', mRNA sequence. 208392_x_at SP110 SP110 nuclear body protein 231455_at CDNA FLJ42418 fis, clone BLADE2001987		FLJ39885	
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208392_x_at SP110 SP110 nuclear body protein 231455_at CDNA FLJ42418 fis, clone BLADE2001987	228531_at	FLJ20073	
231455_at CDNA FLJ42418 fis, clone BLADE2001987	208392_x_at	SP110	
	231455 at		
	231577 s at	GBP1	guanylate binding protein 1, interferon-inducible, 67 kD

205(024	CD20	CD20(45)
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
		601660289R1 NIH_MGC_71 Homo sapiens cDNA clone
226603_at	FLJ39885	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)
		synonym: XAF1; isoform 1 is encoded by transcript variant 1;
		go_function: zinc ion binding [goid 0008270] [evidence IEA]; Homo
	HSXIAPAF	sapiens XIAP associated factor-1 (HSXIAPAF1), transcript variant 1,
206133_at	1	mRNA.
219209_at	MDA5	melanoma differentiation associated protein-5
AFFX-		
HUMISGF3A/M		
97935_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
		UI-H-BW0-aiy-a-04-0-UI.s1 NCI CGAP Sub6 Homo sapiens cDNA
235157 at		clone IMAGE:2730894 3', mRNA sequence.
219364 at	LGP2	likely ortholog of mouse D111gp2
206486 at	LAG3	lymphocyte-activation gene 3
200.00_00	2.100	wr88g11.x1 NCI CGAP Kid11 Homo sapiens cDNA clone
		IMAGE:2494820 3' similar to SW:MCP2 HUMAN P80075
		MONOCYTE CHEMOTACTIC PROTEIN 2 PRECURSOR;, mRNA
214038_at	CCL8	sequence.
	HSXIAPAF	
242234 at	1	XIAP associated factor-1
		zl40a07.s1 Soares pregnant uterus NbHPU <i>Homo sapiens</i> cDNA
	HSXIAPAF	clone IMAGE:504372 3' similar to contains MER13.t1 MER13
228617 at	1	repetitive element;, mRNA sequence.
AFFX-		1
HUMISGF3A/M		
97935 5 at	STAT1	
AFFX-		
HUMISGF3A/M		
97935 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
1552525_at	1101121	nematopoiede oriz protein

155((42 a)	1.0002242	H 2DNA EL 1210(1 f.c. along HCVD A 2000027
1556643_at	LOC93343	Homo sapiens cDNA FLJ31061 fis, clone HSYRA2000927.
228152_s_at 202869_at	FLJ31033 OAS1	hypothetical protein FLJ31033 2',5'-oligoadenylate synthetase 1, 40/46 kD
202809_at 232155 at	KIAA1618	KIAA1618
213294 at	FLJ38348	
207777 s at	SP140	hypothetical protein FLJ38348
		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	177.50	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
211010_11_0	11112	Sjogren syndrome antigen A1 (52 kD, ribonucleoprotein autoantigen
204804 at	SSA1	SS-A/Ro)
209546 s at	APOL1	apolipoprotein L, 1
	-	wb07a12.x1 NCI_CGAP_GC6 Homo sapiens cDNA clone
228607 at	OAS2	IMAGE:2304958 3', mRNA sequence.
		Similar to hypothetical protein PRO1722, clone IMAGE:4706427,
1569403 at		mRNA
		protein kinase, interferon-inducible double stranded RNA dependent
237105 at	PRKRA	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
	NS5ATP13	
225510 at	TP2	NS5ATP13TP2 protein
218051 s at	FLJ12442	hypothetical protein FLJ12442
L 227038 at	MGC26963	hypothetical protein MGC26963
227038_at 228560_at	MGC26963 CACNA1D	hypothetical protein MGC26963 calcium channel, voltage-dependent, L type, α 1D subunit
228560_at	CACNA1D	calcium channel, voltage-dependent, L type, α 1D subunit
228560 at 219225 at	CACNA1D PGBD5	calcium channel, voltage-dependent, L type, α 1D subunit piggyBac transposable element derived 5
228560 at 219225 at 1555788 a at	CACNA1D	calcium channel, voltage-dependent, L type, α 1D subunit piggyBac transposable element derived 5 chromosome 20 open reading frame 97
228560 at 219225 at 1555788 a at 223366 at	CACNA1D PGBD5 TRIB3	calcium channel, voltage-dependent, L type, α 1D subunit piggyBac transposable element derived 5 chromosome 20 open reading frame 97 Clone IMAGE:3618365, mRNA
228560_at 219225_at 1555788_a_at 223366_at 228403_at	CACNA1D PGBD5 TRIB3	calcium channel, voltage-dependent, L type, α 1D subunit piggyBac transposable element derived 5 chromosome 20 open reading frame 97 Clone IMAGE:3618365, mRNA GAAI470
228560_at 219225_at 1555788_a_at 223366_at 228403_at 225802_at	CACNA1D PGBD5 TRIB3 UNQ470 TOP1MT	calcium channel, voltage-dependent, L type, α 1D subunit piggyBac transposable element derived 5 chromosome 20 open reading frame 97 Clone IMAGE:3618365, mRNA GAAI470 mitochondrial topoisomerase I
228560_at 219225_at 1555788_a_at 223366_at 228403_at	CACNA1D PGBD5 TRIB3	calcium channel, voltage-dependent, L type, α 1D subunit piggyBac transposable element derived 5 chromosome 20 open reading frame 97 Clone IMAGE:3618365, mRNA GAAI470 mitochondrial topoisomerase I BCR downstream signaling 1
228560_at 219225_at 1555788_a_at 223366_at 228403_at 225802_at	CACNA1D PGBD5 TRIB3 UNQ470 TOP1MT	calcium channel, voltage-dependent, L type, α 1D subunit piggyBac transposable element derived 5 chromosome 20 open reading frame 97 Clone IMAGE:3618365, mRNA GAAI470 mitochondrial topoisomerase I

219364 at	LGP2	likely ortholog of mouse D11lgp2
206486 at	LAG3	lymphocyte-activation gene 3
_		wr88g11.x1 NCI_CGAP_Kid11 <i>Homo sapiens</i> cDNA clone IMAGE:2494820 3' similar to SW:MCP2_HUMAN P80075 MONOCYTE CHEMOTACTIC PROTEIN 2 PRECURSOR ;, mRNA
214038_at	CCL8	sequence.
	HSXIAPAF	777.7
242234_at	1	XIAP associated factor-1
	HCMIADAE	zl40a07.s1 Soares_pregnant_uterus_NbHPU <i>Homo sapiens</i> cDNA clone IMAGE:504372 3' similar to contains MER13.t1 MER13
228617 at	HSXIAPAF 1	repetitive element;, mRNA sequence.
AFFX-	1	repetitive element ,, mixiva sequence.
HUMISGF3A/M		
97935 5 at	STAT1	
AFFX-		
HUMISGF3A/M		
97935_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 SP140	hypothetical protein FLJ38348
207777_s_at		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
	HHL	expressed in hematopoietic cells, heart, liver
213982_s_at	ппь	
239587_at	DMI	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 <i>Homo sapiens</i> 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

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