

Legends to Supplemental Figures

Ramirez-Carrozzi et al.

Supplemental Figure 1. Efficiency of Brg1 and Brm Knockdown by Retroviral shRNA Transduction.

Brg1/Brm knockdown experiments were performed as described in the Experimental Procedures and in Ramirez-Carrozzi et al. (2006). The Brg1 (left panel) and Brm (right panel) Western blots in this figure show the knockdown efficiency at the time of LPS stimulation, which was generally 5 days after retroviral transduction. HMG1 antibodies were included in the Western blots as a loading control. The effects of Brg1/Brm knockdown on gene transcription are shown in Figure 1.

Supplemental Figure 2. Normalized Precursor Transcript Levels for CpG-Island and Non-CpG-Island Genes

The results of two independent experiments are shown (parts A and B) examining relative precursor transcript levels for several LPS-induced genes containing CpG-island (red) or non-CpG-island (black) promoters. Two housekeeping genes, *Gapd* and *Act*, were examined as controls. Real-time RT-PCR signals for the various genes were normalized using genomic DNA. RT-PCR primers (see Suppl. Table 1C) used to examine most genes spanned an exon-intron junction, thereby restricting amplification to precursor transcripts. However, the primers for five of the genes (four Class A genes, *Irf1*, *Junb*, *Zfp36*, *Cxcl1*, and one Class D gene, *Ifnb1*), amplified both precursor transcripts and mature mRNA because no introns exist in these genes for the selective amplification of precursor transcripts. The relative transcript levels for these genes therefore over-represent the precursor transcript levels. Primers for two other genes, *Egr1* and *Act*, also amplified both precursor transcripts and mRNA. Results are presented as Relative Transcripts, but corresponds to the amount of genomic DNA (in ng) required to yield the same signal observed by real-time RT-PCR when analyzing total RNA.

Precursor transcripts were analyzed in unstimulated bone marrow-derived macrophages (top panels) or macrophages stimulated with LPS for 30 min (second panels) or 120 min (third panels). The bottom panel shows the fold-induction at the 30 min and 120 min time-point for each gene relative to the unstimulated value, following normalization to the *Gapd* transcript levels.

Supplemental Figure 3. Changes in RNA Polymerase II Levels at CpG-Island and Non-CpG-Island Promoters Following LPS Stimulation.

ChIP experiments were performed with RNA polymerase II antibodies in bone marrow-derived macrophages left unstimulated (top panel) or stimulated for 30 min (second panel) or 120 min (third panel) with LPS. PCR amplification efficiencies for the various primer pairs were normalized using genomic DNA. In each panel, genes are ordered from lowest to highest RNA polymerase II levels. The bottom panel directly compares the changes in polymerase levels at each gene at each time point. In this panel, the genes are ordered as in the top panel. The results show that polymerase levels change only modestly at most CpG-island promoters following induction, with more dramatic changes at most non-CpG-island promoters and a few CpG-island promoters (e.g. *Cxcl2*). Results are presented as the average values with standard deviations from 3 independent immunoprecipitation experiments using two different chromatin preparations.

Supplemental Figure 4. Modest Changes in Histone H3 Levels Following LPS Stimulation

ChIP experiments were performed with histone H3 antibodies in bone marrow-derived macrophages left unstimulated (top panel) or stimulated for 30 min (second panel) or 120 min (third panel) with LPS. PCR amplification efficiencies for the various primer pairs were normalized using genomic DNA. In each panel, genes are ordered from highest to lowest histone H3 levels. The bottom panel directly compares the change in histone H3 levels at each gene at each time point. In this panel, the genes are ordered as in the top panel. The results

show that, although histone H3 levels decrease considerably at some CpG-island and non-CpG-island genes following induction, the H3 levels remain relatively unchanged at many other genes, with a consistent trend in both unstimulated and stimulated cells toward lower histone H3 levels at CpG-island promoters. Results are presented as the average values with standard deviations from 3 independent immunoprecipitation experiments using two different chromatin preparations.

Supplemental Figure 5. Unusually High DNase I Hypersensitivity Scores at Class A Genes in Resting CD4+ T Cells

(A) Maximum DNase I hypersensitivity scores for the human homologues of 64 of the 67 genes in our dataset are shown from an analysis of quiescent CD4+ T cells (Boyle et al., 2008). Hypersensitivity scores greater than 2.5 are colored red. Scores were obtained from the Duke DNase sig track at the UCSC Genome Browser. The CpG content is shown for the corresponding mouse genes, although the presence or absence of CpG islands was found to be strongly conserved between the mouse and human genomes (data not shown). Expression studies (Wang et al. 2008b) revealed that at least 9 of the Class A genes are induced following activation of human CD4+ T cells. However, this number almost certainly represents an underestimate of the number of Class A genes that are induced in these cells because the studies examined mRNA levels only at late time points, after many Class A genes are known to be downregulated.

(B) Maximum DNase I hypersensitivity scores in unstimulated CD4+ T cells from the Boyle et al. (2008) analysis are shown for 7 non-CpG-island genes that exhibited the strongest induction in CD4+ T cells in mRNA expression analyses (Wang et al. 2008a, 2008b). None of these genes exhibit high scores in unstimulated cells.

Wang, Z., Zang, C., Rosenfeld, J.A., Schones, D.E., Barski, A., Cuddapah S., Cui, K., Roh, T.Y., Peng, W., Zhang, M.Q., and Zhao, K. (2008a). Combinatorial patterns of histone acetylations and methylations in the human genome. *Nat. Genet.* 40, 897-903.

Wang, M., Windgassen, D., and Papoutsakis, E.T. (2008b). Comparative analysis of transcriptional profiling of CD3+, CD4+, and CD8+ T cells identifies novel immune response players in T-cell activation. *BMC Genomics* 9, 225.

Supplemental Figure 6. Consensus IRF3 Binding Sites are Over-Represented in Class D Promoters

(A) DNA motifs that perfectly match the IRF3 consensus sequence A/TAANNGAAA were identified between -1 and -300 relative to the transcription start site of each of the 67 genes. IRF3 consensus sequences were found in this interval in 6 of the 10 Class D genes, but in only 6 of the remaining 57 genes, two of which exhibited IRF3-dependence (*Cxcl11* and *Gbp2*). Consensus Sp1 and NF- κ B sites are also shown. Although perfect matches to the Sp1 and NF- κ B consensus sequences were identified in only a small number of genes, the factors are thought to regulate many more genes by binding to DNA motifs that diverge from the strict consensus.

(B) The fraction of promoters in each class with consensus IRF3 binding sites between -1 and -300 relative to the main transcription start site (found in the Dbtss database) is shown, along with the consensus sequences used to survey the promoters.

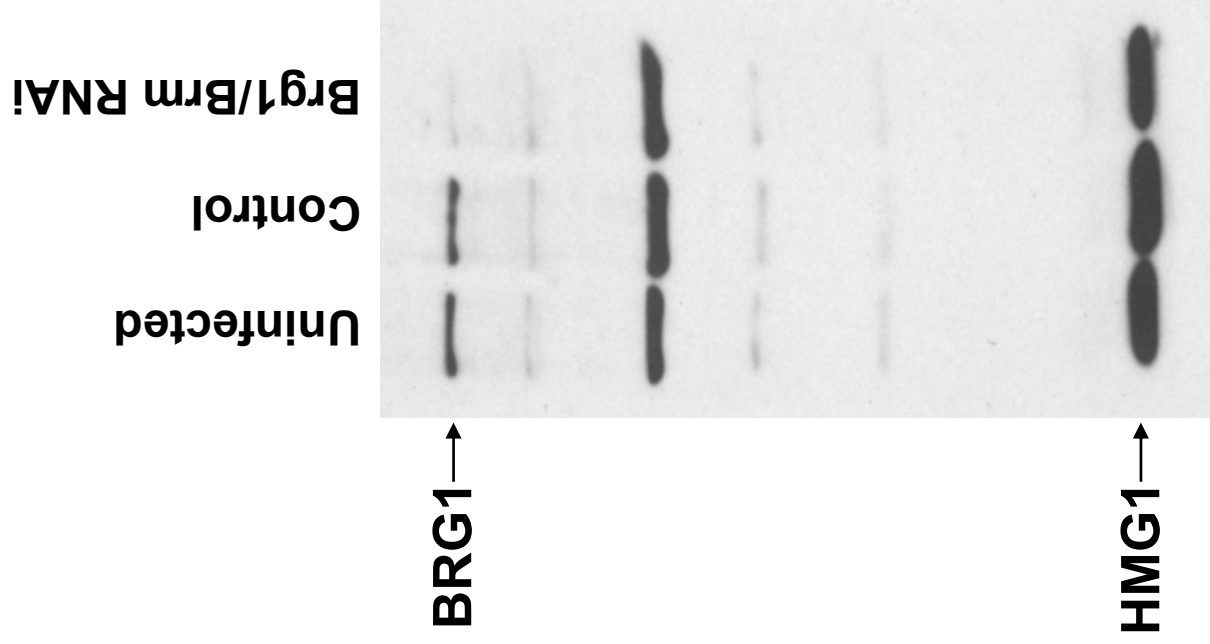
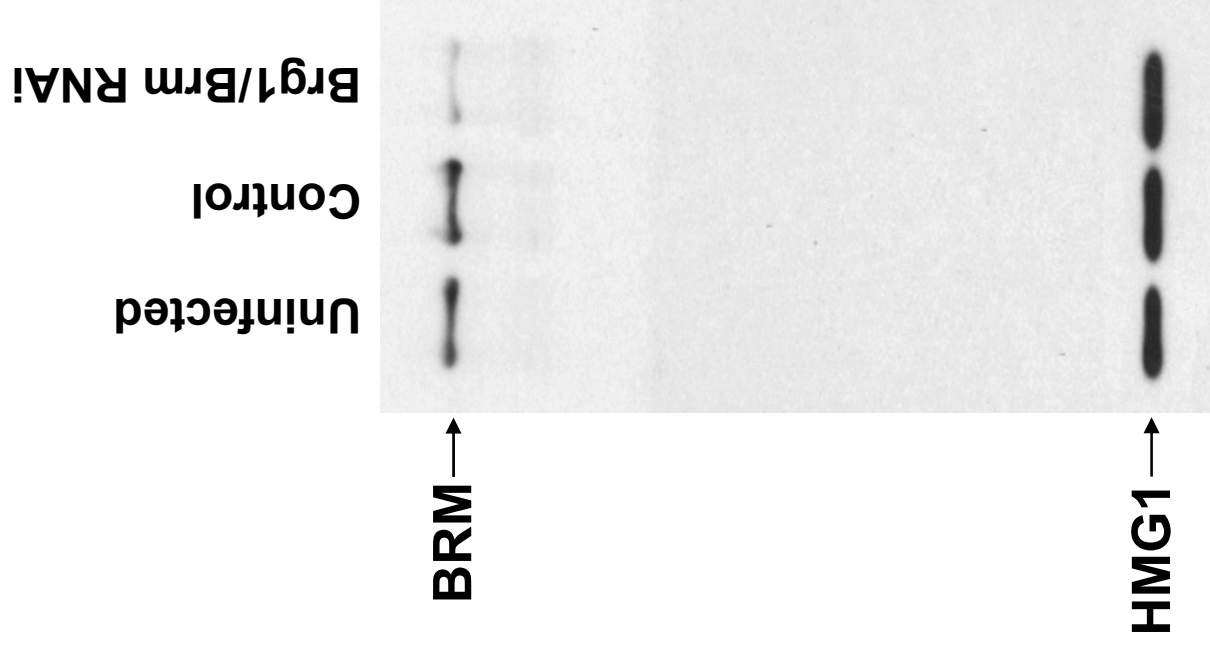
(C) ChIP experiments were performed with antibodies directed against IRF3, as well as GST as a negative control and C/EBP β as a positive control, using chromatin from unstimulated and LPS-stimulated J774 macrophages. Results are presented as a percentage of input values.

Supplemental Figure 7. Fold-Induction Values for Genes Induced by Various Stimuli

The data in Figure 5 of the main manuscript compare mRNA levels for 61 primary and secondary response genes following stimulation of bone marrow-derived macrophages with 5 different stimuli. In Figure 5, mRNA levels are shown as a percentage of the highest level found following induction by any of the stimuli (set at 100%). In this figure, the data are instead presented as fold-inductions at the 30-min, 1-hr, and 2-hr time points relative to the mRNA

levels observed in unstimulated cells. The results show the same trends that are apparent in Figure 5, with preferential activation of Class C and Class D genes by IFN β and preferential activation of Class A genes by TNF α . However, these fold-induction values provide additional insights. For example, although TNF α activates Class A genes more strongly than genes in the other classes, especially when compared to the level of activation observed with the TLR stimuli, it can activate several genes in the other classes several fold above background. However, the expression levels remain very low relative to the levels achieved with the TLR stimuli. Furthermore, TLR2 activates Class D genes to a significant extent above background, despite the fact that TLR2 is known to be incapable of activating IRF3. Nevertheless, the level of induction of these genes achieved by TLR2 remains well below the level of induction achieved by TLR3 and TLR4, whereas genes in the other classes were induced similarly by TLR2, TLR3, and TLR4.

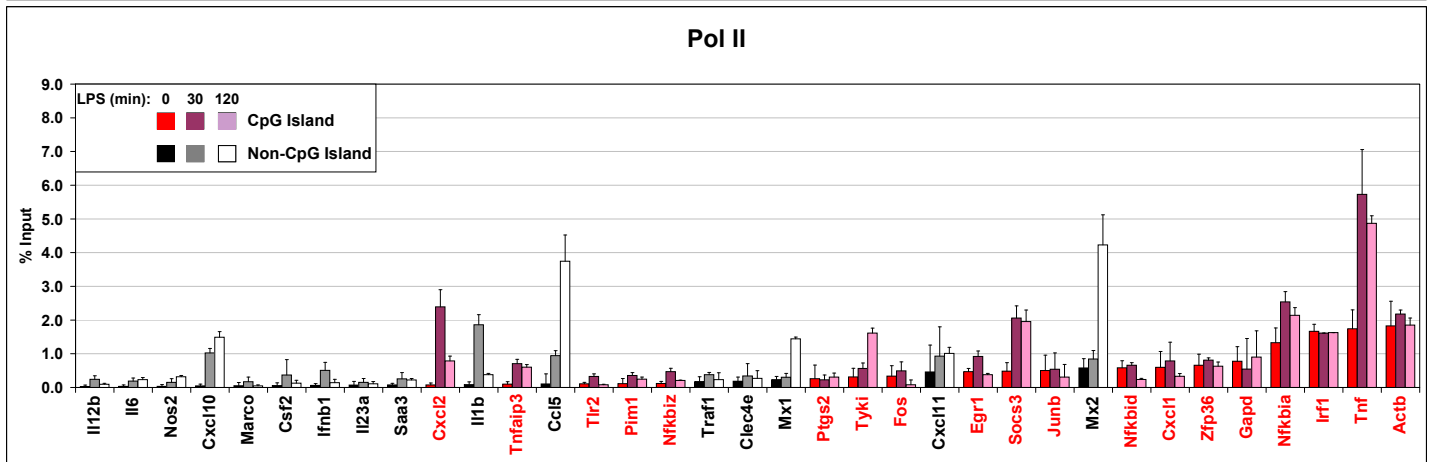
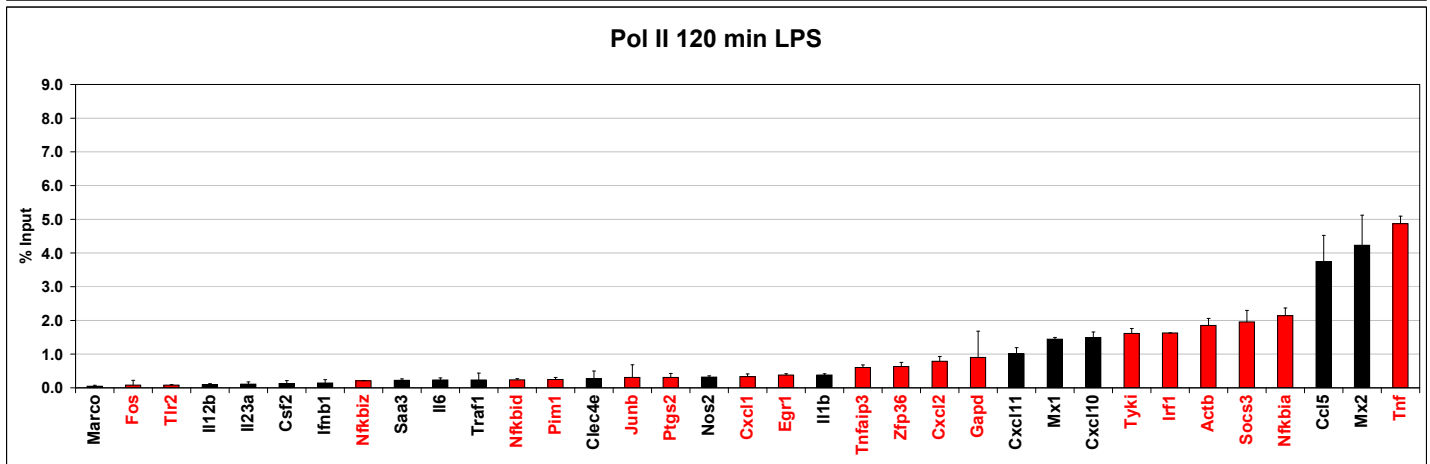
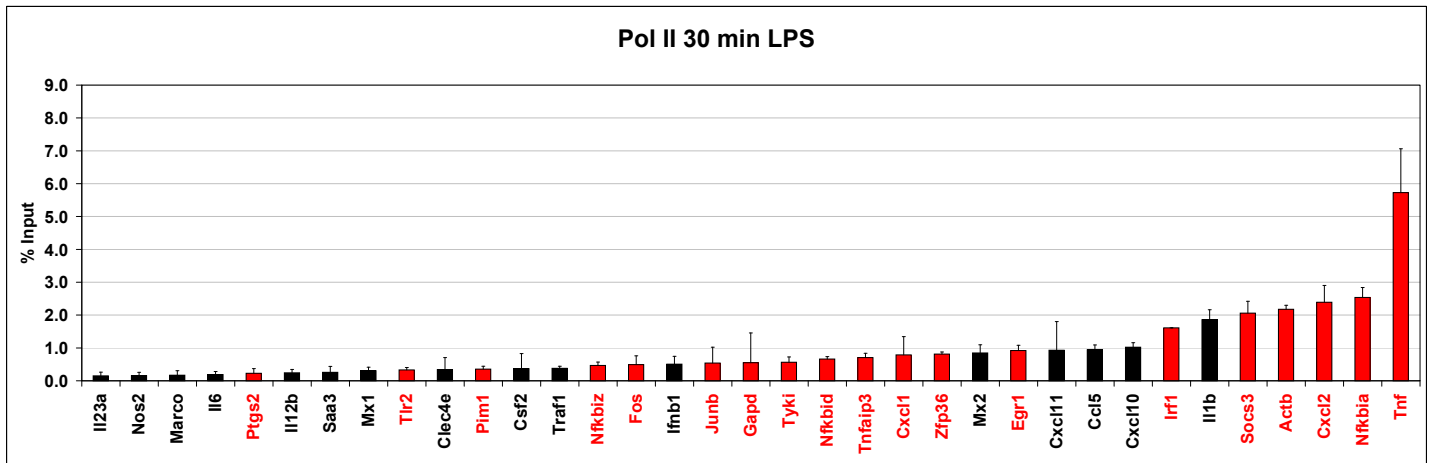
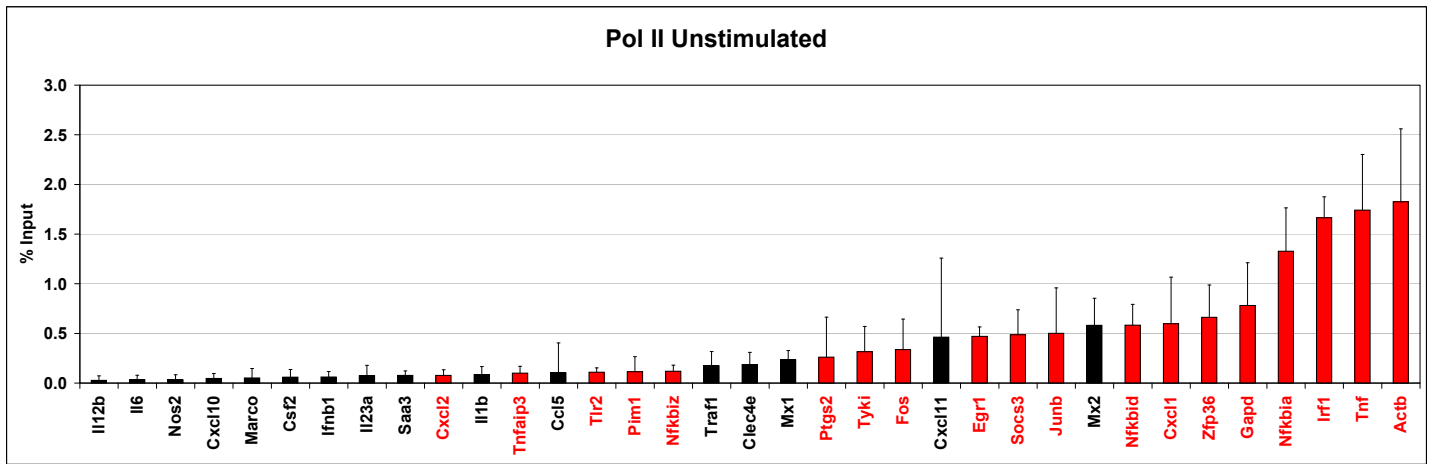
Supplemental Figure 1



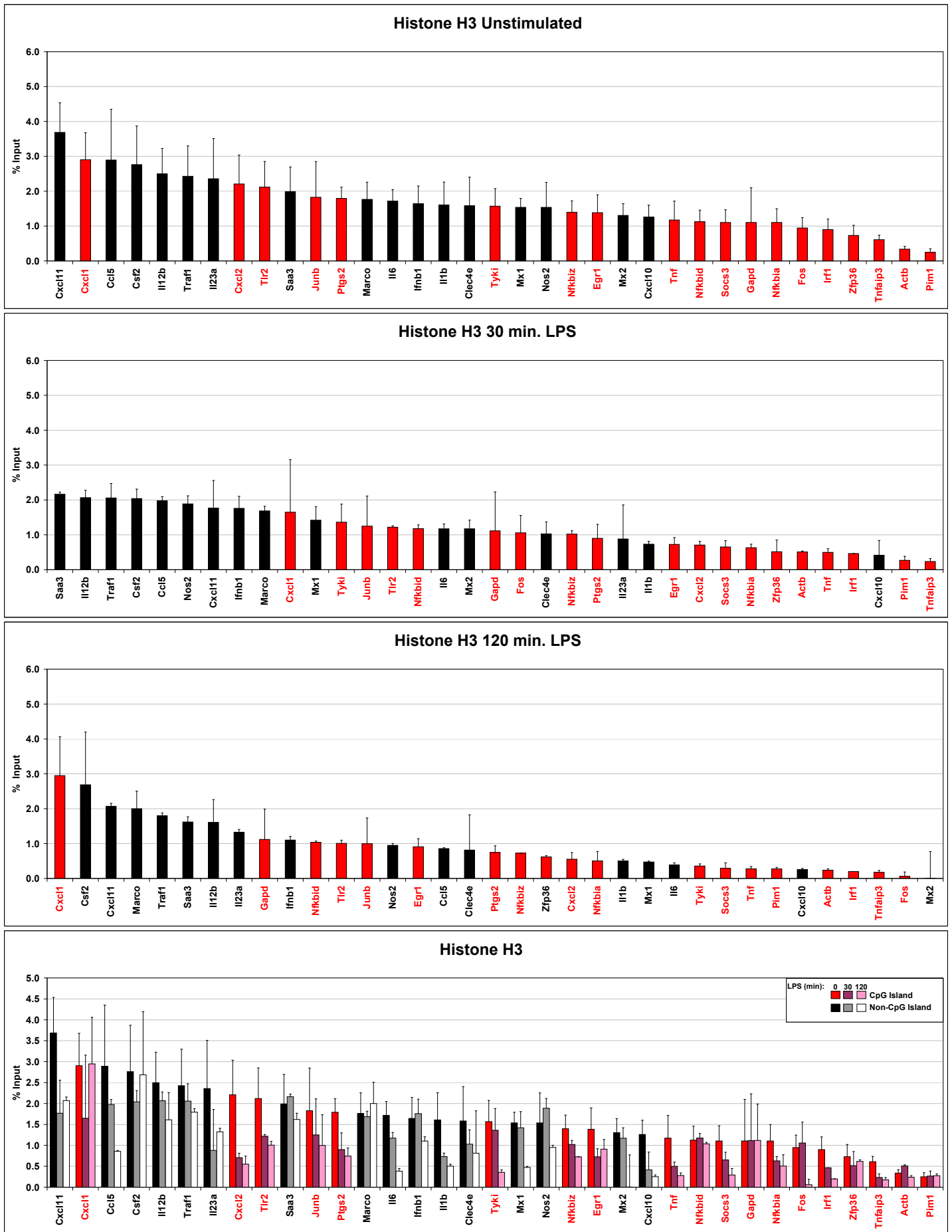
Supplemental Figure 2



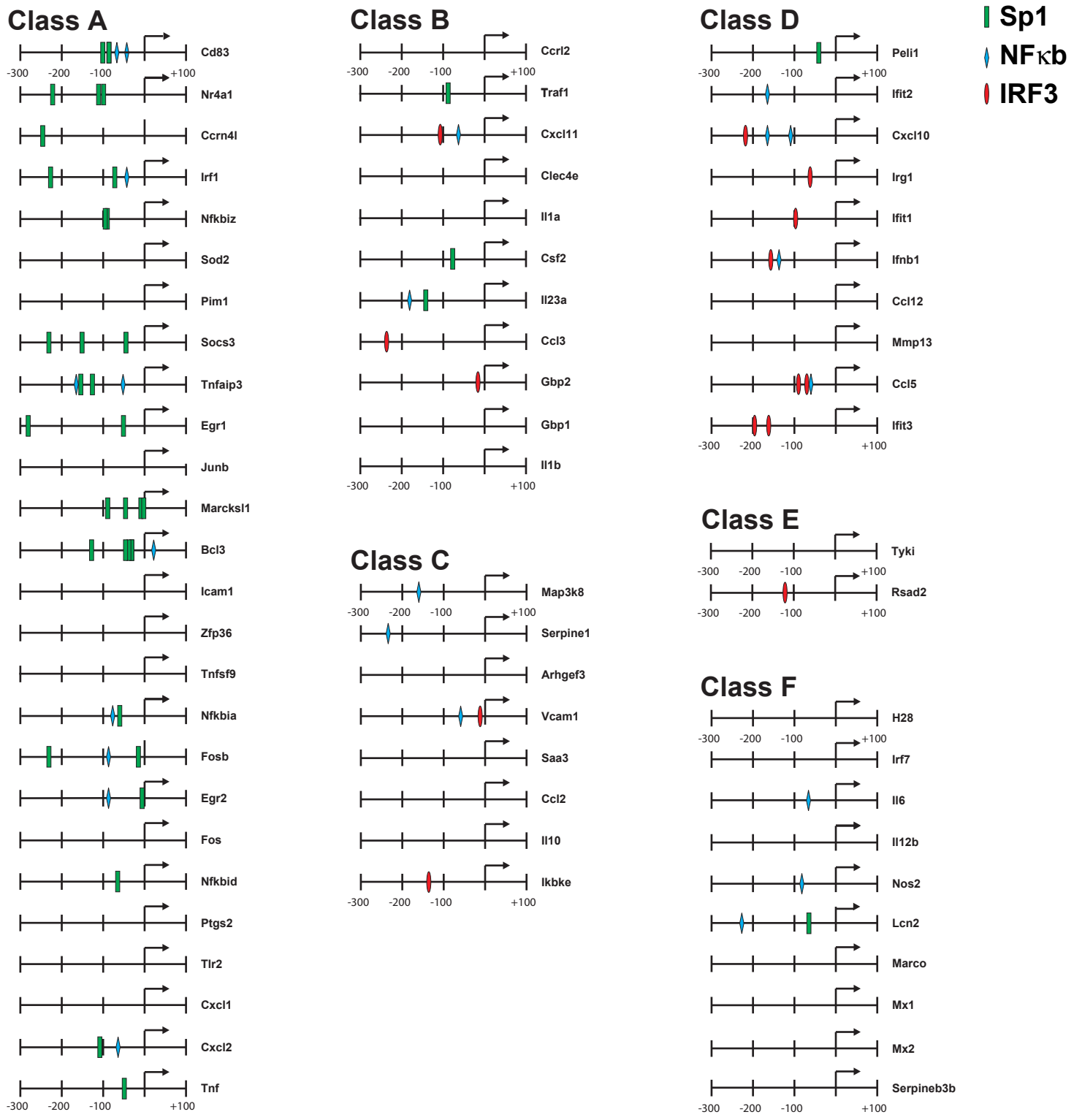
Supplemental Figure 3



Supplemental Figure 4



A



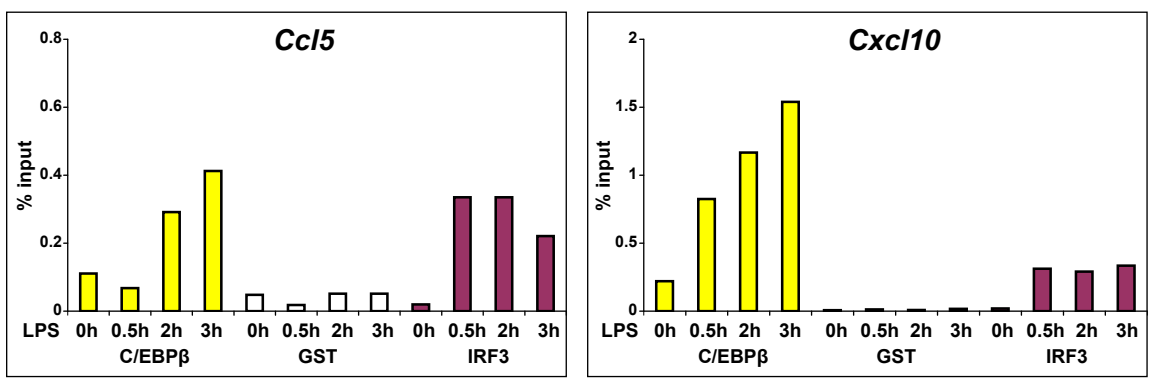
B

Potential IRF3 Binding Sites

Class	Sites
A	0 / 26
B	3 / 11
C	2 / 8
D	6 / 10
E	1 / 2
F	0 / 10

IRF3 A/TAANNGAAA
 NFκB GGGRNYYCC
 Sp1 GGCGGG

C



A	Class	Gene	Forward Primer	Reverse Primer	B	
Primary Response Genes	HK	<i>Gapd</i>	TGGTGAAGGTCGGTGTGAAC	CCATGTAGTTGAGGTCAATGAAGG	Primary Response Genes	
		<i>Actb</i>	AGAGGGAAATCGTGCCTGAC	CAATAGTGATGACCTGGCCGT		
	A	<i>Cd83</i>	CATCCTCAGATGGCAACCTT	TGCTCAAGACCCCTGTGTACG		Primary Response Genes
		<i>Nr4a1</i>	CTGTCCCTCTGGTCTCATC	GGTCTCCTGCGACCGTAGC		
		<i>Ccrn4l</i>	AAAGATCCCCCTGATCGTCT	GGGACTCAGCAGCTTTGTAGG		
		<i>Irf1</i>	TCCAAGTCCAGCCGAGACA	TGCTGAGTCCATCAGAGAAAGTGT		
		<i>Nfkbiz</i>	CCTGGCAGGTAGAGCAGGAAG	CCTTGGGCAACAGCAATATG		
		<i>Sod2</i>	CGGCCACGTGAACAATCTC	TGAACCTCAGTGCAGGCTGA		
		<i>Pim1</i>	TCAAGGACACAGTCTACACGG	AGCGATGGTAGCCGAATCC		
		<i>Socs3</i>	GCTCCAAAAGCGAGTACCAGC	AGTAGAATCCGCTCTCCTGCA		
		<i>Tnfaip3</i>	GGCAGCTGGAATCTCTGAAA	CTGCAGGTGTGTCTGTCTGAT		
		<i>Egr1</i>	CCTGGCCTGGATAAAAAGTCA	GCGGAACCCCTGATTGTCTTA		
		<i>Junb</i>	TACTTTTCGGGTGAGGATCA	GCGCTCAGTTCCGTGG		
		<i>Marcks1f</i>	CAAATTGAGTGGCCTGTCTCT	TGCTCCTGTCTTCTCTCTGT		
		<i>Bcl3</i>	GCGAAGTAGACGTCCATAAACAAC	ACCAAGAGCCGGACCAATGT		
		<i>Icam1</i>	TGTGACGCCACTGCTTTGGTA	CAGGATCTGTGTCGCTTAGCT		
		<i>Zfp36</i>	CCCTCTGCAACTCTGGTCTC	GACCACCCGACACTGAACTT		
		<i>Tnfsf9</i>	GCCCAACACTACACAACAG	GCTGTGCCAGTTCAGAGTTG		
		<i>Nfkbia</i>	CCTGGCCAGTGTAGCAGTCT	AGAGGCTAGGTGGCAGACAGC		
		<i>Fosb</i>	TGCGGGCCTTTGTTAATATG	CAACAGGTGCCGCACAAT		
<i>Egr2</i>	CTCCTCCTGGACGAATTGA	CAGTCAGATAGGGGTTCACATT				
<i>Fos</i>	GTGCCAGCTGCTATCCAGAAG	GGCTGTGGTGTGAAGCTGGAG				
<i>Nfkbid</i>	GTGACAGCCATCTCCACCA	GTGGGGAGTCCGTAAGGATG				
<i>Ptgs2</i>	CCCCCTCCTGCGAAGTTTA	GAGAAGGCTTCCAGCTTTT				
<i>Tlr2</i>	TTTGCTGGGCTGACTTCTCT	TCGCGGATCGACTTTAGACT				
<i>Cxcl1</i>	TGTGCTAGTGCCTGCAGACAT	GTGGCTATGACTTCGGTTGG				
<i>Cxcl2</i>	GCCCAAGGGTTGACTTCAAGA	ACTTTTGTGACCGCCCTTGAG				
<i>Tnf</i>	CCCCAAAGGGATGAGAAGTT	TGGGCTACAGGCTTGTCACT				
B	<i>Ccr12</i>	TTCCAAACATCCTCCTCCTTG	GATGCACGCAACAATAACAC	Primary Response Genes		
	<i>Traf1</i>	TGTGTGGCCGACTGTCA	AGCGCAGGCACAACCTTGTAAAC			
	<i>Cxcl11</i>	AGTAACGGCTGCGACAAAGT	CTGCATTATGAGGCGAGCTT			
	<i>Clec4e</i>	CTGTGCCACCATAAGGGACT	TCTGGCATCTPCACAAATCCA			
	<i>Il1a</i>	AGCAGCCTTATTTCCGGGAGT	GTGCAAGTACTCAGGGTGA			
	<i>Csf2</i>	TTTTTGTGCCTGCGTAATGAG	CAGCGTTTTTCAGAGGGCTAT			
	<i>Il23a</i>	GGTGCTTATAAAAAGCCAGACC	AATAATGTGCCCCGATATCCA			
	<i>Ccl3</i>	AGATTCCACGCCAATTCATC	CCCAGGTCTCTTTGGAGTCA			
	<i>Gbp2</i>	CTCTACCGCACAGGCAAAATC	GATGCCCTTGGTGTGAGACT			
	<i>Gbp1</i>	ATCATATCCCTTAAACTTCAGGAACAG	GTGGAAACAGGGTAGAGAGCTTTAGT			
<i>Il1b</i>	GCTGAAGCTCTCCACCTCA	AGGCCACAGTATTTTGTGCG				
C	<i>Map3k8</i>	TCCAAGAAAAGTATCCACCA	CACTCAGGCCAAAATCTACCA	Primary Response Genes		
	<i>Serpine1</i>	CCGATCCTTTCTCTTTGTGG	CAAAATGAAGGCGTCTCTTCCC			
	<i>Arhgef3</i>	AAGACCTGCAGGATGGAGAA	ACCGAGTCTGCTACCCACAC			
	<i>Vcam1</i>	GCTGTGACCTGTCTGCAAAG	GCTCTCCATGCACAAGTGG			
	<i>Saa3</i>	CCTTCCATTGCCATCATCTCT	AGTAGGCTCGCCACATGTCT			
	<i>Ccl2</i>	GGGCTGCTGTTCCAGT	GGGATCATCTGTCTGGTGAA			
	<i>Il10</i>	AAGGACCAGCTGGACAACAT	TCATTTCCGATAAAGCTTGG			
	<i>Irf1</i>	CACAGAGAGCTTTGCTGGTATGA	TGCTCCTCCGAAATGATACCAT			
	<i>Ikake</i>	AGCTATTCCGAGTGGAGGAA	CGAACGTGTTCTCAGGGTCT			
	<i>Ccl12</i>	GTCGGAAGCTGAAGAGCTA	GGGTGAGCAGAGATCTCTCT			
D	<i>Mmp13</i>	GTCAAGGAATTCAAGTTTCTTATGGT	GGTAATGGCATCAAGGGATAGG			
	<i>Peli1</i>	CTTCCAAAGCCCCAGTAAAA	ACCCAGAGACCAAAATGAGC			
	<i>Iffit2</i>	AGAAATGCCAGGAAGACAGC	GGTGTGACACATTTACATGG			
	<i>Cxcl10</i>	CCTGCCACGCTGTTGAGAT	GAGTCACAGACCCCTCCCTA			
	<i>Iffit1</i>	TCCATTTCTGGCCATTCTC	TGAAGCAGATTCTCCATGACC			
	<i>Iffn1</i>	AGCTCCAAGAAAGGACGAACAT	GCCCTGTAGGTGAGGTTGATCT			
	<i>Ccl5</i>	GTGCCACGTCAGGAGTAT	CCCACTTCTCTCTGGGTTG			
	<i>Iffit3</i>	AGTGAGTCAACCGGAATCT	TCTAGGTGCTTTATGTAGCCA			
	E	<i>Tyki</i>	GGCAATTATCTCGTGGCTTC	GGCCTCCACTCACCTCAGTA	Secondary	
		<i>Rsad2</i>	AACCCCGTGAGTGTCAACTA	AACCAGCCTGTTGAGCAGAA		
<i>H28</i>		ATGGTGGCAAAGCTGAAAAA	CGCTCCTCTCTGTAGTGCC			
<i>Irf7</i>		TCTTCGCTCTCTTCGCTCA	GGTCGTAGGGATCTGGATGA			
<i>Il6</i>		TTCTCTGGGAAATCGTGGA	TTTCTGCAAGTGATCATCG			
<i>Il12b</i>		AGCCACTCACATCTGCTGCT	AACCGTCCGAGTAAATTTGG			
<i>Nos2</i>		CAGCTGGGCTGTACAAAACCTT	CATTGGAAGTGAAGCGTTTCG			
<i>Lcn2</i>		TTCGGAGCGCATCAGTTC	TGACCAGGATGGAGGTGACA			
<i>Marco</i>		ATCCTGCTCACGGCAGTACT	GCACATCTCTAGCATCTGGAGCT			
<i>Mx1</i>		AAACCTGATCCGACTTCACTTCC	TGATCGTCTTCAAGGTTTCCCTTGT			
F	<i>Mx2</i>	TAGGGTACAGTGTCTTTCG	AGGGCAGTGTCTCTGCTGG			
	<i>Serpib3b</i>	GCTGTCTATGTCTCCAGAA	ATCCCCAGAAAGCTGAAGT			

B	Class	Gene	Forward Primer	Reverse Primer	C			
Primary Response Genes	HK	<i>Gapd</i>	GGTCCAAAGAGAGGGAGGAG	GCCCTGCTTATCCAGTCCCTA	Primary Response Genes			
		<i>Actb</i>	GAGGGGAGAGGGGTAATA	TCGAGCCATAAAAGCAACT				
	A	<i>Irf1</i>	TTTCCCCGAAATGATGAGG	GCCGGAGAAATCTAAACA		Primary Response Genes		
		<i>Nfkbiz</i>	GGCCTTTGAGGTCACAATGA	AGGACTCCTGTCCCAGTGTCT				
		<i>Pim1</i>	CGTTAGCGAACCATTCTGACC	GCTTCAGCCAACAGAGAAGC				
		<i>Socs3</i>	CACAGCCTTTCAGTGCAGAG	GGGTATTTACCCGGCCAGT				
		<i>Tnfaip3</i>	GCGGGACCTAGGAGTTTCTC	TTGCCAACAGGGGGATT				
		<i>Egr1</i>	GCGCGGTCTTCCATATTAG	CGAATCGCCCTCTATTTCAA				
		<i>Junb</i>	GTGTGTCTCTGTCTCCACAGC	TCGCGTCACTGTCCAGGAA				
		<i>Zfp36</i>	CGCTACCATCACTCCAGTT	CATGCAAAATGTGCCGTGAAC				
		<i>Nfkbia</i>	GCTTCTCAGTGGAGACGAG	CTGGCAGGGATTTCTCAG				
		<i>Nfkbid</i>	TACGGTGGTGGAAAGTTGGT	CGAGCGACTGGAGAACTAC				
		<i>Fos</i>	GGGCGTAGAGTTGACGACAG	TGGATGGACTTCTACGTCAC				
		<i>Ptgs2</i>	CGCAACTCACTGAAGCAGAG	CCACGTCAGCTAGGTGGTAC				
		<i>Tlr2</i>	GCTGGAGCATTCCAATAACC	CTCCCTTTGGCTTGGTGT				
		<i>Cxcl1</i>	ACCCTGTACTCCGGGAATTT	GGAGTCTGGAGTGTGGAAAC				
		<i>Cxcl2</i>	GGGCTCTGTGCTTCTGTAT	TCCCGAGAGCTCCTTTTATG				
		<i>Tnf</i>	GATTCTTGTATGCTGGGTGTC	GAGCTTCTGGCTGGCTGCTGT				
		B	<i>Traf1</i>	ACCACCTCCCTGCTTCACC			CCCCTGAAACTCTGCCAAT	Primary Response Genes
			<i>Cxcl11</i>	GCTGAGTGTCTTCACTTCCCTG			CGTAGCTTCTTGTCCCTCTG	
<i>Clec4e</i>	AGGAAAATCGGGACCAAGT		GCATCAAGGAATGGCAGAG					
<i>Csf2</i>	CCAGTCTTGGAAAGGCTTA		GGAATCTCCTGGCCCTTATC					
C	<i>Il23a</i>	GCCTTAGCCACAACAACCTC	ATTCCTCCCTACATCATCTC	Primary Response Genes				
	<i>Il1b</i>	CCCACCTTCAGTTTGTGTTG	CTTGTTCCTCCCTCTGTGTTT					
	<i>Saa3</i>	CCCAACTCGGGGAAAGAAG	AATGGAGCAATTCCTGTGTTG					
D	<i>Peli1</i>	CCTGACCAGTGAACAGAGATTTGA	GGGCTTTCGGAAGGATGATTTTCT	Primary Response Genes				
	<i>Cxcl10</i>	TCCAAGTTCATGGGTCAACA	TGATTGGCTGACTTTGGAGA					
	<i>Iffit1</i>	AGTGGCTCTCCCTGGATAAA	TTAAAGGCTGGGTGAGCTA					
	<i>Iffn1</i>	CGCAGGAGCTTGAATAAAATG	GATGGTCTTCTGCTCAG					
E	<i>Tyki</i>	GCTGCCTTCACTTTCGTTTC	TTATTAGGGCCATGGGTGTC	Secondary				
	<i>Il6</i>	AATGTGGGATTTTCCATGA	GCTCCAGAGCAGAATGAGCTA					
	<i>Il12b</i>	GGGGAGGGAGGAACCTTCTTA	CTTCTGATGGAAACCCAAAG					
	<i>Nos2</i>	CCCTTTGGGAACAGTTATGC	GGGGCCAGAGTCTCAGTCTT					
	<i>Lcn2</i>	GGGGAGAGAGGGACAGAAAT	CCTTTCAAGTCCAGGAAGC					
	<i>Marco</i>	GGAGGGTCTTCCCAACTT	CGGGCTGTCTTGTAGTGTAG					
	<i>Mx1</i>	TCCCAACCTCAGTACCAAGC	GAACCGTGAAAAAGCCTGA					
	<i>Mx2</i>	GCAGCTGCACACTCTGTCTC	TGCCCTGCTACTTACCAGT					
	F	<i>Gapd</i>	TGGTGAAGGTCGGTGTGAAC		TCATCCACCTCCCCACAGTA	Secondary		
		<i>Actb</i>	AGAGGGAAATCGTGCCTGAC		CAATAGTGTGACCTGGCCGT			
<i>Irf1</i>		GTAGGTAGGGTGGGCACTGA	TGCTAGTCCATCAGAGAAAGTGT					
<i>Nfkbiz</i>		GTGGCAGGTAGAGCAGGAAG	CAAGCGTGAAGGACATGAA					
<i>Pim1</i>		TCAAGGACACAGCTTACACGG	GGCCCAATGACCTTTTACAA					
<i>Tnfaip3</i>		GGCAGCTGGAATCTCTGAAA	ATAGGGCTGCCACACAAGAA					
<i>Egr1</i>		GCGCTCTCGGAGCTGCAGTA	GGACCTGCTCCAGTGGCAGA					
<i>Junb</i>		ATGCAGGGACCCATGGAAAGT	ATGCACAAGCAAAAGTATCTTT					
<i>Zfp36</i>		CCCTCTGCAACTCTGGTCTC	GACCACCCGACCTGAACTT					
<i>Nfkbia</i>		CCTGGCCAGTGTAGCAGTCT	TGATGTTTGTGGTGTCTCA					
<i>Nfkbid</i>	TGCGGGCCTTTGTTAATATG	GGGTGCTAACAGCCATCTTG						
<i>Ptgs2</i>	CCCCTTCTGCGAAGTTTAA	TTGGGGTGTGGGTTTCTAGTG						
<i>Cxcl1</i>	TGTGAGTGCCTGCAGACCAT	AGTCTGGAAAGTGGCAGAAAG						
<i>Cxcl2</i>	GAAATCCAGAGCTTGTAGTGTGA	CATGGCAGAGGCTATCCAG						
<i>Tnf</i>	TGGGAGCCTAAAAGGCTCAT	TGGGCTGACAGGCTTGTCACT						
B	<i>Traf1</i>	TGTGTGGCCGACTGTCA	AGCTGACCTAGCATGGCTGT	Secondary				
	<i>Il1b</i>	TGTTCCCTTGACCAGACTC	AGGCCACAGTATTTTGTGCG					
	<i>Saa3</i>	CAGGATGAAGCCTTCCATTG	TCATGAACTGGACCCATCTTT					
C	<i>Ccl2</i>	GGGCTGTGTTCACAGTT	TGCTATCACAAATCCAGCAGAA					
	<i>Peli1</i>	CTTCCAAAGCCCCAGTAAAA	ACCCAGAGACCAAAATGAGC					
D	<i>Cxcl10</i>	CCTGCCACGCTGTTGAGAT	GAGTCACAGACCCCTCCCTA	Secondary				
	<i>Iffit1</i>	TCCATTTCTGGCCATTCTC	TGAAGCAGATTCTCCATGACC					
	<i>Iffn1</i>	AGCTCCAAGAAAGGACGAACAT	GCCCTGTAGGTGAGGTTGATCT					
	<i>Ccl5</i>	GTGCCACGTCAGGAGTAT	CCCCTTCTCTCTGGGTTG					
	<i>Iffit3</i>	AGTGAGTCAACCGGAATCT	TCTAGGTGCTTTATGTAGCCA					
E	<i>Tyki</i>	GGCAATTATCTCGTGGCTTC	GGCCTCCACTCACCTCAGTA	Secondary				
	<i>Rsad2</i>	AACCCCGTGAGTGTCAACTA	AACCAGCCTGTTGAGCAGAA					
	<i>H28</i>	ATGGTGGCAAAGCTGAAAAA	CGCTCCTCTCTGTAGTGCC					
	<i>Il6</i>	TCTTCGCTCTCTTCGCTCA	GGTCGTAGGGATCTGGATGA					
	<i>Il12b</i>	TTCTCTGGGAAATCGTGGA	TTTCTGCAAGTGATCATCG					
F	<i>Nos2</i>	AGCCACTCACATCTGCTGCT	AACCGTCCGAGTAAATTTGG	Secondary				
	<i>Lcn2</i>	CAGCTGGGCTGTACAAAACCTT	CATTGGAAGTGAAGCGTTTCG					
	<i>Marco</i>	TTCGGAGCGCATCAGTTC	TGACCAGGATGGAGGTGACA					
	<i>Mx1</i>	ATCCTGCTCACGGCAGTACT	GCACATCTCTAGCATCTGGAGCT					
	<i>Mx2</i>	AAACCTGATCCGACTTCACTTCC	TGATCGTCTTCAAGGTTTCCCTTGT					
F	<i>Serpib3b</i>	TAGGGTACAGTGTCTTTCG	AGGGCAGTGTCTCTGCTGG	Secondary				
	<i>Tyki</i>	GGCAATTATCTCGTGGCTTC	GGCCTCCACTCACCTCAGTA					
	<i>Rsad2</i>	AACCCCGTGAGTGTCAACTA	AACCAGCCTGTTGAGCAGAA					
	<i>H28</i>	ATGGTGGCAAAGCTGAAAAA	CGCTCCTCTCTGTAGTGCC					
	<i>Il6</i>	GCCCTCTAGTGGTGTCTGTT	GGTCGTAGGGATCTGGATGA					
F	<i>Il12b</i>	AGCCACTCACATCTGCTGCT	AACCGTCCGAGTAAATTTGG	Secondary				
	<i>Nos2</i>	CAGCTGGGCTGTACAAAACCTT	CATTGGAAGTGAAGCGTTTCG					
	<i>Marco</i>	TTCGGAGCGCATCAGTTC	TGACCAGGATGGAGGTGACA					
	<i>Mx1</i>	ATCCTGCTCACGGCAGTACT	GCACATCTCTAGCATCTGGAGCT					
	<i>Mx2</i>	AAACCTGATCCGACTTCACTTCC	TGATCGTCTTCAAGGTTTCCCTTGT					