

Sup-Table 1

REAGENT or RESOURCE	SOURCE	IDENTIFIER
Antibodies		
anti-p-p38 (Thr180/Tyr182) 3D7	Cell signalling	Cat #9215S
anti-p38	Cell signalling	Cat #9212
anti-p-p65 (Ser536)	Cell signalling	Cat #3031L
anti-p65	Santa Cruz	Cat #sc-8008
anti-Actin	Sigma	Cat #A2066
GAPDH (6C5)	Santa Cruz	Cat #sc-32233
p-IKK α / β (Ser176/180)	Cell signalling	Cat #2697S
IKK α / β (H-470)	Santa Cruz	Cat #sc-7607
IKK γ (FL-419)	Santa Cruz	Cat #sc-8330
anti-p65 (ChIP, IP)	Santa Cruz	Cat #sc-372
anti-Wip1 (RIP)	Cell signalling	Cat #11901
anti-Wip1(WB)	Santa Cruz	Cat # sc-376257
Dyskerin (H-300)	Santa Cruz	Cat #sc-48794
anti-IL7	R&Dsystems	Cat # AF407
P-SEK1/MKK4(T261)	Cell signalling	Cat # 9151S
anti-SEK1/MKK4	Cell signalling	Cat # 9152S
p-TAK1 (T187)	Cell signalling	Cat # 4536S
p-IkBa (S32)	Cell signalling	Cat # 2859L
p-SAPK/JNK (Thr183/Tyr185)	Cell signalling	Cat # 9251
anti-P-MKK3/MKK6 (Ser189/207)	Cell signalling	Cat # 9231
anti-Cleaved Caspase-3 (Asp175)	Cell signalling	Cat #9664L
PE-CD11b	BD	Cat #553311
FITC-Ly6G	Biolegend	Cat #127606
BV711-Ly6C	Biolegend	Cat #128037
PE-CD34	BD	Cat #551387
PeCy7-IL7RA	BD	Cat #560733
PercepCy5.5-c-kit	BD	Cat #560557
FITC-Sea1/Anti-Ly-6A/E	BD	Cat #553335
APCcy7-CD16/32	BD	Cat #560541
APC Mouse Lineage Antibody Cocktail	BD	Cat #558074

AF488-p-NF- κ B p65 (Ser536) (93H1)	CST	Cat #4886
AF488-p-p38 MAPK (Thr180/Tyr182) (3D7)	CST	Cat #41768
Chemicals, recombinants proteins, commercial kits		
Recombinant Human TNF-alpha Protein 210	R&Dsystems	Cat #210-TA
Terminal deoxynucleotidyltransferase	Promega	Cat #M1871
RQ1 RNase-Free DNase	Promega	Cat #M6101
Recombinant RNasin ribonuclease inhibitor	Promega	Cat #N2111
T7 RNA polymerase	Promega	Cat #P2075
10X Biotin RNA labelling mix	Roche	Cat #11685597910
Tak1 inhibitor 5Z-7-Oxozeaenol	Sigma	Cat #O9890-1MG
E. coli LPS	Sigma	Cat #L2654 and #L2630
Dextran sulfate sodium salt, colitis grade	MP Biomedicals	Cat # 9011-18-1
Disuccinimidyl glutarate (DSG)	Thermo Fisher	Cat #20593
X-tremeGENE 9 DNA transfection reagent	Roche	Cat #6365779001
X-tremeGENE siRNA transfection reagent	Roche	Cat #4476093001
Experimental Models: Organisms/Strains		
Mouse: wild-type: C57BL/6	Invivos	N/A
Mouse: wild type Balb/c	Invivos	N/A
Mouse: <i>mNAIL^{ANFKB}</i>	Masa's group	This study
MEFs: WT, p65 ^{-/-} , Ikk β ^{-/-} and Ikk γ ^{-/-}	Tergaonkar et al., 2003	N/A
Oligonucleotides		
RT-qPCR_Gm16685 Fw (CCCTACAGGAAGACCAACCA)	IDT	N/A
RT-qPCR_Gm16685 Rv (CTAGGCCATCCTCTGCTACG)	IDT	N/A
RT-qPCR_mTNFa Fw (ACAGAAAGCATGATCCGCGAC)	IDT	N/A
RT-qPCR_mTNFa Rv (GAAGCCCCCATCTTTGG)	IDT	N/A
RT-qPCR_mIL7 Fw (TGGAATTCCTCCACTGATCC)	IDT	N/A
RT-qPCR_mIL7 Rv (TGGTTCATTATTCGGGCAAT)	IDT	N/A
RT-qPCR_mActin Fw (CTGTATCCCCTCCATCGTG)	IDT	N/A
RT-qPCR_mActin Rv (CCTCGTCACCCACATAGGAG)	IDT	N/A

RTqPCR_mCCL2 Fw (GCCCTCCATGTATACCAGACT)	IDT	N/A
RTqPCR_mCCL2 Rv (AGACCTCTCTTGAGCTTGGT)	IDT	N/A
RT-qPCR_mIL1 β Fw (AAAGCTCTCCACCTCAATGG)	IDT	N/A
RT-qPCR_mIL1 β Rv2 (TCTTCTTGGGTATTGCTTGG)	IDT	N/A
CRISPR Genotyping_Gm16685 Fw (GCATTCCCTTAGGTAGACTCC)	IDT	N/A
CRISPR Genotyping_Gm16685 Rv (GGGAGTGATTATGGGTGGTGAG)	IDT	N/A
Gm16685 gRNA #1 (CACCTAGGGTTTAAAAGCGCATCC)	IDT	N/A
Gm16685 gRNA #2 (CACCAGTCTGGGAGTTTCCGATCC)	IDT	N/A
Gm16685 siRNA (GGAATAATGATAGCAACTACT)	IDT	N/A
Gm16685 siRNA (CAACCTCTCTAATCAGTCTCTTTCT)	IDT	N/A
Wip1 siRNA (CTTGTGGGGTTTCATCAAGAAGCAG)	IDT	N/A
Mouse IL7 transcript variant 4 siRNA#1 (AGCTCAGAACTTCATGGAGAATGAA)	IDT	N/A
Mouse IL7 transcript variant 4 siRNA#1 (AAAGGACAGAUCAUUGGAAAACCCC)	IDT	N/A
Mouse IL7 siRNA#1 (GACAGGAACTGATAGTAAT)	IDT	N/A
Mouse IL7 siRNA#2 (GCATATGAGAGTGTACTGA)	IDT	N/A
Plasmids		
pX458 –GFP	Addgene	Cat #48138
pX458-DsRed	Akincilar et al., 2016	N/A