

**Table S4 Oligonucleotide sequences used for PCR amplification or site directed mutagenesis.**

NLRP1B	Sequence	Short oligo name
1	tataCTCGAGgccacc ATG TACCCATACGACGTCCCAGACTACGCT GAACAATCTCAGCCC	B6 NLRP1-XhoI-HA
2	atatGCGGCCGC TCA GGATCCCAAAGAGACCC	B6 NLRP1-R-stop-NotI
3	atatGCGGCCGCt ATGTACCCATACGACGTCC	GFP-HA-F-NotI
4	GCAGACCAAG GAGAACCTGTATTTTCAGGGC GGGACAATTCCAAAAGTACACATAAAAC	B6-N1b-TEV3-F
5	CTTTTGAATTGTCCGccctgaaaatacaggttctcCTTGGGTCTGCGCTTCATCAGC	B6-N1b-TEV3-R
6	AGAGCTGAAGCACAGACCCAAG ccc GAG ggg CACTTGAAGCTAGGAATGATTCCAGTAG	129-B6-A-F
7	GGAATCATTCCTAGCTTCAAGTGcccCTCgggCTTGGGTCTGTGCTTCAGCTCTACATTC CTAGAGAGACACTTGAAGCTAGGA acc	129-B6-A-R
8	ATTCCAGTAGTATATATGAAGCAGGGAGAAGAG	129-B6-B-F
9	CTCCCTGCTTCATATATACTACTGGAATggfTCCTAGCTTCAAGTGTCTCTCTAGCTTGG CCCAGGGGCACTTGAAGCTAGGA acc	129-B6-B-R
10	ATTCCAGTAGTATATATGAAGCAGGGAGAAGAG	129-B6-C-F
11	CTCCCTGCTTCATATATACTACTGGAATggfTCCTAGCTTCAAGTGCCCCCTCGGGCTTGG	129-B6-C-R
12	GACCCgcGCTAGAGAGACACTTG gcG CTAGGAATGATTCAGTAGTATATATGAAGCAGG	N1b-K38A-K44A-F
13	TATATACTACTGGAATCATTCTAGCgcCAAGTGTCTCTCTAGCgcGGGTCTGTGCTTC	N1b-K38A-K44A-R
14	atatCTCGAGgccaccATG CTAGAGAGACACTTGAAGCTAGG	N1b-L39-XhoI-F
15	atatCTCGAGgccaccATG CTA GGAATGATTCAGTAGTATATATGAAGC	L45-XhoI
16	atatCTCGAGgccaccATG GGAATGATTCAGTAGTATATATGAAGC	G46-start-xhoI
17	atatGCGGCCGCTCAAGCGTAGTCTGGGACGTCG	HA-stop-NotI-R
18	CTGCTGGGATTGGG Aga TCt AACTG GCCAGGCTGGTG	Nlrp1b-K137R-F
19	CAGCCTGGCCAGTGTaGAtcTCCCAATCCCAGCAGCCC	Nlrp1b-K137R-R
<b>NLRP1A</b>		
20	gcatat GGATCC gccacc ATGGAAGAATCTCAGTCCAAGCAGG	NLRP1A-BamHI-F
21	gcatatGCGGCCGCcTTTCACAGAGACCCCAACCAAC	NLRP1A-NotIinostop-R
22	atCTCGAGgccaccATG TACCCATACGACGTCCCAGACTACGCT GAAGAATCTCAGTCCAAGCAGG	HA-NLRP1A-XhoI-F
23	ggcatGCGGCCGC TCA GGATTCACAGAGACCCCAAC	NLRP1A-stop-NotI-R
24	GGGTGCCAACTAAAG ACT CTG TGG CTTGTTGAATGCGGCCTCACATCCACATAC	NLRP1A-exonAdel-F
25	ATGTGAGGCCGATTCAACAAGCCACAGAGCTTTAGTTGGCAGCCACGC	NLRP1A-exonAdel-R
26	TGAAGCAGCAGAGACAGCAGTCA GGAGACAAACACATGGAACCTCTGGGG	NLRP1A-exonBdel-F
27	GAGGTTCCATGTGTTTGTCTCCTGACTGCTGTCTCTGCTGCTTCAGTAGG	NLRP1A-exonBdel-R
28	GGT GATCTCAGACCTGCACTGC CCAAGATTGCTACAGCCCCC	NLRP1A-SOE
29	GGGGGCTGTAGCAATCTTGGGCAGTGCAGGTCTGAGATCACC	NLRP1A-SOE
30	GCAGTGCAGGTCTGAGATCACCTGGTTTCAGCAAGGCCTCCC	NLRP1A-C' ext3
31	gcagtgacaatagagatcgaattctgtgcc	Nalp1b Seq4
32	TGAAGCACAGAGTgCAG gag AAC CTG TAT TTT CAG ggc AGAACCTTCCAGGAGCACGTAC	NP1A-TEV3-F2
33	TCCTGGAAAGGTTCTgccCTGAAAATACAGGTTctcCTGcACTCTGTGCTTCATTAGCTCC	NP1A-TEV3-R2
<b>hNLRP1</b>		
34	gctataGGTACC gccacc ATGGCTGGCGGAGCC	hNLRP1-F-KpnI-Kzk
35	gctata CTCGAG GCTGCTGAGTGGCAGGAG	hNLRP1-R-noStop-XhoI
36	GCTGCTACTTCTACAAAAGACCTCACCCAGAAGCCAAGATCCCCTGG	hNP1 C1414T-F
37	GGGATCTTGGCTTCTGGGGTGAGGTCTTTGTAGAAGTAGCAGCTGTGTG	hNP1 C1414T-R
38	CCTCAAGTCCACCAGAAACCTCAGCTGCTCATCTCAGC	hNP1-dLRR2-F
39	GAAGATGAGCAGCTGAGGGTTTCTGGTGACCTTGAGGACG	hNP1-dLRR2-R
40	gctata GGTACC gccaccATG ACCCAATGCCTCTGG	hNP1-PC1
41	CGGGCTGGAGGGATCAGAGTAGTTGCAGGCATGAGATCTCCTGGTTTCACCAAGGCCTCC	hNP1-R-Nt-SOE
42	CTACTCTGATCCCTCAGCCCC CATAG CCGTACCTTCACCTCTGGATGCC	hNP1-F-Ct-SOE
43	GGGCTGCTGGAATTGGG gcG TCAACTGGCCAGGCAGGTGAAGGAAG	hNLRP1-WalkerA-K-A-F

44	CTTCACCTGCCTGGCCAGTGTGACgcCCCAATTCAGCAGCCCCCTGC	hNLRP1-WalkerA-K-A-R
45	GGGCTGCTGGAATTGGG agG TCAACACTGGCCAGGCAGGTGAAGGAAG	hNLRP1-WalkerA-K-R-F
46	CTTCACCTGCCTGGCCAGTGTGAcctCCCAATTCAGCAGCCCCCTGC	hNLRP1-WalkerA-K-R-R
47	GCGCCCAAGCCAGGAA AACCTGTATTTTCAGGGC TCATTCCCCTACAGCCCAAGTG	hNP1 TEV2-F
48	GGGCTGTAGGGGAATGAGCCCTGAAAATACAGGTTTCTGGGCTGGGGCGCACAGTG	hNP1- TEV2 R
49	CCTAGCACCCAGA GAG aac ctg tat ttt cag ggc CAATGGCCTCTGGATGAAACG	hNP1-Tev1-F
50	CCAGAGGCCATTG gcc ctg aaa ata cag gtt CTCTCTGGGTGCTAGGCTGG	hNP1-TEV1-R
51	atatGCGGCCGct ATGGCTGGCGGAGCCTGGGG	GFP-notI FL-hNP1
52	atatGCGGCCGct CCCTCATTCCTACAGCCC	GFP-notI-dPYD
53	atatGCGGCCGct GAA AACCTGTATTTTCAGGGC TCATTCC	GFP-notI-dPYD-T2
54	atatGCGGCCGct GAG aac ctg tat ttt cag ggc CAA	GFP-notI-d198-T1
55	tgcgat GTCGAC TTAATTCAGATCCTCTCTGAGATGAGT	MYC-stop-SalI-R
56	ATCTTCCCAATTGCTGAGATTGCA GAGGAAAGCTCCCCAGAGGTAGTACC	hNLRP1-del GKSH-F
57	TACCTCTGGGGAGCTTCTCTGCAATCTCAGCAATTGGGAAGATCTTGC	hNLRP1-del GKSH-R
58	CCGCTGGCCTGTTACTTGG	pNLRP1 fwd
59	GACAGGATCTGTCTAATGGGAGCC	pNLRP1 rev

**Other genes**

60	gcataat GGATCC gccacc ATGGCAGAAGTACCTGAGCTC	hIL1b-F-BamHI
61	gcataatGCGGCCGccGGAAGACACAAATTGCATGGTG	hIL1b-R-nostop-NotI