

**Supplementary Table 1.** Sequences of oligonucleotide primers for analysis of cytokines and transcriptional factors. Primer sequence sets used in this study were obtained from Invitrogen

TGF- $\beta$ 1	Forward: 5'- CTCCCGTGGCTTCTAGTGC-3' Reverse: 5'- GCC TTA GTT TGG ACA GGA TCT G-3'
IL-6	Forward: 5'-TAGTCCTTCCTACCCCAATTTCC-3' Reverse: 5'-TTGGTCCTTAGCCACTCCTTC-3'
IL-12	Forward: 5'-CAATCACGCTACCTCCTCTTTT-3' Reverse: 5'-CAGCAGTGCAGGAATAATGTTTC-3'
IL-17	Forward: 5'-TTTAACTCCCTTGGCGCAAAA-3' Reverse: 5'-CTTTCCTCCGCATTGACAC-3'
IL-22	Forward: 5'-TCCGAGGAGTCAGTGCTAAA-3' Reverse: 5'-AGAACGTCTTCCAGGGTGAA-3'
IL-23	Forward: 5'-TTTTGTGCGGAATGGTCTTC-3' Reverse: 5'-GCCACTTTGGGATCATCAGT-3'
TNF- $\alpha$	Forward: 5'-CATCTCTTTATCGACGAGACCAG-3' Reverse: 5'-GTATTCTTTGGACACGCGGTA-3'
IFN- $\gamma$	Forward: 5'-ATGAACGCTACACACTGCATC-3' Reverse: 5'-CCATCCTTTTGCCAGTTCCTC-3'
T-bet	Forward: 5'-CAACAACCCCTTTGCCAAAG-3' Reverse: 5'-TCCCCCAAGCAGTTGACAGT-3'
ROR $\gamma$ t	Forward: 5'-GACCCACACCTCACAAATTGA-3' Reverse: 5'-AGTAGGCCACATTACACTGCT-3'
Eomes	Forward: 5'-CCTTCACCTTCTCAGAGACACAGTT-3' Reverse: 5'-TCGATCTTTAGCTGGGTGATATCC-3'
HPRT	Forward: 5'-CTGGTGAAAAGGACCTCTCG-3' Reverse: 5'-TGAAGTACTCATTATAGTCAAGGGCA-3'