

**Table SI. Primers used for real-time PCR**

Gene	Primer sequence (5'-3')	Reference
IL-17A	F: ATCAGGACGCGCAAACATGA R: TTGGACACGCTGAGCTTTGA	39
IL-17F	F: GTCGCCATTCAGCAAGAAAT R: GGTGCAGCCAACITTTAGGA	
TNF- $\alpha$	F: GCAAGCTTCGCTCTTCTGTCTACTGAACTT R: GCTCTAGAATGAGATAGCAAATCGGCTGAC	
K6	F: CTGGTAGTGGCTTTGGCTTC R: AGGCTCTGGTTGATGGTGAC	
K16	F: GGTGGCCTTAACAGTGATCT R: TGCATACAGTATCTGCCTTTGG	40
Gapdh	F: CACTCTCCACCTTCGATGC R: CCCTGTTGCTGTAGCCGTAT	41
SOCS1	F: CCTCCTCGTCTCGTCTTC R: AAGGTGCGGAAGTGAGTGTC	42
SOCS3	F: AGTCCAAAAGCGAGTACCA R: AGCTGTCGCGGATAAGAAAG	43
S1PR1	F: CTGTTAGATGTGGGCTGCAA R: ATGATGGGTTGGTACCTGA	44
S1PR2	F: TCAGGGCATGCACTCTGTC R: ATGGCCAGGAGGCTAAAGAC	
S1PR3	F: TGCTGGCTAATTGCCTTCTC R: TGGAGTAGAGGGGCAAGATG	
S1PR4	F: CTCCAAGGGCTATGTGCTCT R: ATTGGCTCGGACCACTCTAA	44
S1PR5	F: ACAACTACCCGGCAAGCTC R: AGCACAATGAAGGCACACAC	45