

**Supplemental Table 2.** Primers used for qPCR analyses of synovial tissues, spleens, intestines and fecal material.

Gene	Gene Accession number	Forward	Reverse
<b>βActin</b>	NM_007393	GGCTGTATCCCCTCCATCG	CCAGTTGGTAACAATGCCATGT
<b>CCR6</b>	NM_001190333	CCCAGCTTGGAGCAGAATAGC	TGATGACTTCGAACTGCAGGTT
<b>FOXP3</b>	NM_001199347	CCCTGCCCTTGACCTCAA	GCCTCAGTCTCATGGTTTTGG
<b>IL1β</b>	NM_008361	CACAGCAGCACATCAACAAG	GTGCTCATGTCCTCATCCTG
<b>IL6</b>	NM_031168	CTCTGGGAAATCGTGGAAAT	CCAGTTTGGTAGCATCCATC
<b>IL10</b>	NM_010548.2	TGGCCCAGAAATCAAGGAGC	CAGCAGACTCAATACACACT
<b>IL17</b>	NM_010552	CATGAGTCCAGGGAGAGCTT	GCTGAGCTTTGAGGGATGAT
<b>IL23</b>	NM_144548.1	GGATGGCTGAACTCTTGTTTT	GGCACACACCTTTAATCTAGCA
<b>IL23r</b>	NM_144548	TTCAGATGGGCATGAATGTTTCT	CCAAATCCGAGCTGTTGTTCTAT
<b>CXCL10</b>	NM_021274	CCTCTCTCCATCACTCCCCTTT	CGGCTGGTCACCTTTCAGA
<b>MMP2</b>	NM_008610	GGACCCCGGTTTCCCTAA	CAGGTTATCAGGGATGGCATT
<b>MMP3</b>	NM_010809.2	ACTCTACCACTCAGCCAAGG	TCCAGAGAGTTAGACTTGGTGG
<b>MMP14</b>	NM_008608.4	CTTGGTGGCTGTGCATGAGT	CGGAGGGATCATTGGAATGT
<b>RORA</b>	NM_001289916.1	CAGATAACGTGGCAGACCTTC	AGCTGCCACATCACCTCTCT
<b>RORC</b>	NM_011281	GCAGAACTGCCCCATTGA	GACATTGCGCCAAACTTGA
<b>STAT3</b>	NM_213659.2	CAATACCATTGACCTGCCGAT	GAGCGACTCAAACCTGCCCT
<b>TNFα</b>	NM_013693	ATGAGAAGTCCCAAATGGC	CTCCACTTGGTGGTTTGCTA
<b>CNNM2</b>	NM_001102471	GCTTGTGAACCCGAAGTAAAGA	ACACGTCGTTCGTATCCTCCA
<b>MAGT1</b>	NM_001190409	GAGAGAAGCGTGAACATGGC	TTATTGGCCCATCCATCAGC
<b>TRPM6</b>	NM_153417	TCTGCCACAATTTAGTCAGGTG	TGGTGCCGAAGGTATCTGTAG
<b>TRPM7</b>	NM_021450	AGGATGTCAGATTTGTCAGCAAC	CCTGGTTAAAGTGTTCACCCAA
<b>TUSC3</b>	NM_030254	TTGCGCTACCTGCCTACTG	CTGCTCCACTTTTTTCAGCCAA
<b>SLC41A1</b>	NM_173865	TACTGGCCCTACTCCTTCTCC	GGGACTCAATCACTACCACCTC
<b>SLC41A2</b>	NM_177388	CTTCAGCAAGAGATCAGAGCC	CCAGCATAGTCATCGTACTTGG
<b>Bacterioidis fragilis</b>	Reference <sup>89</sup>	TTGTGAAAGTTTGCGGCTC	GGACTACCAGGTATCTAATCCTGTT
<b>Eubacterium</b>	Reference <sup>90</sup>	CTCCTACGGGAGGCAGCAGT	ATTACCGCGGCTGCTGCG