

**Table S2.** Targets and primer sequences used to analyze the gene expression of cDNA harvested from murine colonic tissue.

Primer	Sequence (5' to 3')
<i>Tnfa</i> *	F:GATCGGTCCCAAAGGGATG R: GCTCCTCCACTTGGTGGTTT
<i>Tgfβ</i> *	F: GTCCAAACTAAGGCTCGCCA R: CATAGTAGTCCGCTTCGGGC
<i>Reg3γ</i> *	F: GATGCCCCATCTTCACGTAG R: ACAAGGCATAGCAATAGGAGC
<i>MyD88</i> *	F: ATCGCTGTTCTTGAACCCTC R: CCAAGTACTCGAAGCCCATC
<i>Muc2</i> *	F: AAAGACCACAACAGGGCCAA R: GGTCTGGTGGTCTCCAAAG
<i>Il10</i> *	F: ACAGCCGGGAAGACAATAAC R: GGCAACCCAAGTAACCCTTA
<i>Il4</i> *	F: AGCAACGAAGAACACCACAG R: TCGAAAAGCCGAAAGAGTC
<i>Il17α</i> *	F: GCAGCGATCATCCCTCAAAG R: ACGTGGAACGGTTGAGGTAG
<i>Il18</i> *	F: GTGTCTTCCCGTGGACCTT R: GGAGCCTGTAGTGCAGTTGT
<i>Il22</i> *	F: TGACACTTGTGCGATCTCTGA R: CTTGCACCGGGTGTGACG
<i>Infy (1)</i>	F: ACGGCACAGTCATTGAAAGC R: TCTGGCTCTGCAGGATTTTCA
<i>Tlr2</i> *	F: GCTCCTGCGAACTCCTATCC R: CAGCAGACTCCAGACACCAG
<i>Tlr9</i> *	F: CAGTTGCCGACTGGGTGTAT R: GAGTCTTGCGGCTCCCATAG
<i>Tff3</i> *	F: TCTGGCTAATGCTGTTGGTG R: ATACATTGGCTTGGAGACAGG
<i>Prg3</i> <sup>†</sup>	F: AGCATAGAAGCTGCGTTGGA R: GATCAGGGGCTGTTTCATGT
<i>Relmβ</i> *	F: TCTCAGTCGTCAAGAGCCTAA R: AAGCACATCCAGTGACAACC
<i>LtB4r1</i> <sup>†</sup>	F: AAACCCTGTCCTTTTGTGGC R: AGAACAATGGGCAACAGAGA

<sup>†</sup>Primer sequences developed from PCR arrays specific for butyrate-induced inflammation. \*Primers developed for this study using the NCBI database.

#### Reference

1. Ramos-Payán R, Aguilar-Medina M, Estrada-Parra S, González-y-Merchand JA, Favila-Castillo L, Monroy-Ostria A, Estrada-Garcia ICE. 2003. Quantification of Cytokine Gene Expression Using an Economical Real-Time Polymerase Chain Reaction Method Based on SYBR® Green I. Scand J Immunol 57:439-445.