

Table S1. Primers for reverse transcription-polymerase chain reaction analysis

Genes	Direction	Sequences
<i>IL-4</i>	Forward	5'-GAATGTACCAGGAGCGATATC-3'
	Reverse	5'-CTCAGTACTACGAGTAATCCA-3'
<i>IL-6</i>	Forward	5'-CCAGTTGCCTTCTTGGGACT-3'
	Reverse	5'-CCAGTTGCCTTCTTGGGACT-3'
<i>IL-10</i>	Forward	5'-TGGACAACATACTGCTAACCG-3'
	Reverse	5'-GGATCATTTCCGATAAGGCT-3'
<i>IL-17A</i>	Forward	5'-GACTCTCCACCGCAATG-3'
	Reverse	5'-CGGGTCTCTGTTTAGGCT-3'
<i>IL-22</i>	Forward	5'-TCCGAGGAGTCAGTGCTAA-3'
	Reverse	5'-AGAACGTCCTCCAGGGTGAA-3'
<i>IFN-γ</i>	Forward	5'-GCATCTTGGCTTTGCAGCT-3'
	Reverse	5'-CCTTTTTTCGCCTTGCTGTTG-3'
<i>TNF-α</i>	Forward	5'-GGTGCCATGTCTCAGCCTCTT-3'
	Reverse	5'-GCCATAGAAGTATGAGAGGGAG-3'
<i>TGF-β</i>	Forward	5'-GCTGAACCAAGGAGACGGAAT-3'
	Reverse	5'-GCTGATCCCGTTGATTTCCA-3'
<i>ZO-1</i>	Forward	5'-TGCAATTCCAAATCCAAACC-3'
	Reverse	5'-AGAGACAAGATGTCCGCCAG-3'
<i>Occludin</i>	Forward	5'-TTGAAAGTCCACCTCCTTACAGA-3'
	Reverse	5'-CCGGATAAAAAGAGTACGCTGG-3'
<i>Claudin1</i>	Forward	5'-TTAGTGGCCACAGCATGGTA-3'
	Reverse	5'-GAAGGTGTTGGCTTGGGATA-3'
<i>Claudin3</i>	Forward	5'-CCAACTGGGTACAAGACGAG-3'
	Reverse	5'-TCTTGGTGGGTGCATACTTG-3'
<i>Claudin4</i>	Forward	5'-GGAGGGCCTCTGGATGAACT-3'
	Reverse	5'-GATGCTGATGACCATAAGGGC-3'
<i>Claudin7</i>	Forward	5'-AGCATGTTCTTGGATTGGTC-3'
	Reverse	5'-CCAGAAGGACCAGAGCAGAC-3'
<i>GAPDH</i>	Forward	5'-GGAGAAACCTGCCAAGTATG-3'
	Reverse	5'-TGGGAGTTGCTGTTGAAGTC-3'

IL, interleukin; *IFN- γ* , interferon- γ ; *TNF- α* , tumor necrosis factor- α ; *TGF- β* , transforming growth factor- β ; *ZO-1*, Zona occludens-1.