

## Supplementary data

Table S1. Primer information for qPCR.

Names		Sequences	Primer Length (bp)
GAPDH	F	5'-TGGGCTACACTGAGCACCAG-3'	51
	R	5'-GGGTGTCGCTGTTGAAGTCA-3'	
TLR-4	F	5'-GGTGGAAGTTGAACGAATGG-3'	186
	R	5'-CCAGCAAGAAGCATCAGGTG-3'	
IL-6	F	5'-CCTTGGGTCCAGTTGCCTTCT-3'	234
	R	5'-CCAGTGCCTCTTTGCTGCTTTC-3'	
IL-8	F	5'-CTTTCAGAGACAGCAGAG-3'	183
	R	5'-CTAAGTTCTTTAGCACTCC-3'	
IL-16	F	5'-AGTTCCTTCAGTCTGGTCAG-3'	150
	R	5'-AGCACCTTCCTCCTTGTGTAAG-3'	
TNF- $\alpha$	F	5'-CAAGCCTGTAGCCCATGTTGTAGC-3'	432
	R	5'-ATCCCAAAGTAGACCTGCCCAGAC-3'	
COX-2	F	5'-AGTCCCTGAGCATCTACGGT-3'	352
	R	5'-AAAGGTGTCAGGCAGAAGGG-3'	
Occludin	F	5'-GTCCAATATTTTGTGGGACAAGG-3'	99
	R	5'-GGCACGTCCTGTGTGCCT-3'	
Claudin	F	5'-CGCGAGAAGAAGTACACGG-3'	107
	R	5'-CCTTAGACGTAGTCCTTGCGG-3'	

### Abbreviations

GAPDH: glyceraldehyde-3-phosphate dehydrogenase; TLR: Toll-like receptor; IL: interleukin; TNF- $\alpha$ : tumor necrosis factor-alpha; COX: cyclooxygenase; F: forward; R: reverse; bp: base pair.