### Supplementary Material

#### Supplementary Table 2 Primers for real-time PCR analysis

| Gene name | Sequence (5’-3’) | Product size (bp) |
|-----------|------------------|-------------------|
| E-cadherin | F:GAAGGAGGTGGAGAAGAGGAC  
R:AGAGTCATAAGGTGGGGCAGT | 216 |
| IL-1β     | F: GCTAACTACGGTGACAACAA  
R: TCTTCATCGGCTTCTCCACT | 196 |
| IL-2      | F: TGCACTAACCCTTGCACTCA  
R: CAACTGTAAAAATCCAGCAGCAA | 100 |
| IL-6      | F: TCCAGCATCATGACTGATC  
R: GGGCTACTCTACACTCCACAAG | 105 |
| IL-10     | F: GGGCTATTGTCCTGACTGC  
R: GGGCTCCCTAGTTTCTCTTCC | 105 |
| IFN-α     | F: CCTGGACCAAGAGGGA  
R: TCTCATGCACCAGAGCCA | 92 |
| Occludin  | F: ATGCCTCCTCCCCCTTTTCG  
R: CGCCCGTCGTGATTGTCGTC | 295 |
| TLR-4     | F: CAGATAAGCGAGGCGCCTATT  
R: TTGCAGCCCACAAAAAGCA | 113 |
| TNFα      | F: ACAGGCGCAGCTCCCCCTTAT  
R: CCTCGCCCTCCTGAAATAAT | 102 |
| ZO-1      | F: TACCCTGCGGCTGAGGAAGA  
R: GGACGGGACCTTGGTCTAAACT | 154 |
| β-actin   | F: CTGCGGCATCCACGAAACT  
R: AGGGCCGTGATCTCTTCTG | 147 |