**Supplementary Table (ST1).** Primers used for real-time quantitative PCR (RT-QPCR) analysis.

|  |  |  |  |
| --- | --- | --- | --- |
| Gene | Forward primer (5’ s) and Reverse primer (3’s) | GenBank Accession No. | Bp (product size) |
| ZO-1 | F: AATACCTGACTGTCTTGCAG | XM\_015278975.1 | 145 |
| R: TAAAGAAGGCTTTCCCTGAC |
| Claudin-1 | F: CAGACTCTAGGTTTTGCCTT | NM\_001013611.2 | 149 |
| R: AATCTTTCCAGTGGCGATAC |
| Occludin | F: TCGTGCTGTGCATCGCCATC | NM\_205128.1 | 178 |
| R: CGCTGGTTCACCCCTCCGTA |
| Mucin-2 | F: CTGATTGTCACTCACGCCTTAATC | XM\_001234581.3 | 147 |
| R: GCCGGCCACCTGCAT |
| β-actin | F: ACCTGAGCGCAAGTACTCTGTCT | NM\_205518.1 | 95 |
| R: CATCGTACTCCTGCTTGCTGAT |