

Supplementary Table 1. Primers used for quantitative reverse transcription polymerase chain reaction

Name	Sequence	Tm
GAPDH F	GGCATCCTGGGCTACTGA	60.6
GAPDH R	GGAGTGGGTGTCGCTGTTG	60
Claudin-1 F	GCGTTGCCAGTTCCTTTTACC	59.4
Claudin-1 R	TGCAAGCACAAAGTCCGATCAA	60.4
Claudin-2 F	ATTGTGACAGCAGTTGGCTT	57.3
Claudin-2 R	CTATAGATGTCACACTGGGTGATG	57.5
Claudin-4 F	GCCTATGGATGAACTGCGT	56.7
Claudin-4 R	CCACGATGATGCTGATGATGAC	58.6
Occludin F	GGAAGAGCAGGAAGGTCAAAGA	59
Occludin R	CGCCGCCAGTTGTGTAGTC	60.4
ZO-1 F	GAAGATCGCGTCCCCATGTAT	59
ZO-1 R	TGGGTAGGGCTGTTTGCATC	59
JAMA F	GAGGCACGGAATGGGTATGG	59.6
JAMA R	CAGGGTTACAAGGACGGCTG	59.7

GAPDH, Glyceraldehyde 3-phosphate dehydrogenase; ZO-1, zonula occludens-1; JAMA, junctional adhesion molecule; F, forward primer sequence; R, reverse primer sequences; Tm, melting temperature.