

Supplementary

Table S1 The primer sequences of the genes using in the RT-qPCR

Transcript	Primers
Circ-SHKBP1	F:ACCTCCTGTCAGCGAGCTC R: AATGGAGCCGTTGTTGCAGC
Circ-TBCD	F: AGTTATACAGGGGTCTGGGAGG R: GGTCTATCATTGGCTGCGTGT
CLDN1	F: GCTGTGGATGTCCTGCGTGTC R: GCTGTGGATGTCCTGCGTGTC
LINC000519	F: TTATCACTACCACGACAACAG R:GCTCCATAATTCCCTCAT
SNHG29	F: ATTCCCAGAGGATGTCAGTC R: CATAAGGCAAGCATGTTTCT
β -actin	F:CTTAGTTGCGTTACACCCTTTCTTG R:CTGTCACCTTCACCGTTCAGTTT