

S5 Table: Primer sequences and PCR conditions for RNA expression analysis

Primer	Sequence	Product size [bp]
<i>DKK3</i> forward	5'-AAGGCAGAAGGAGCCACGAGTGC-3'	182
<i>DKK3</i> reverse	5'-GGCCATTTTGGTGCAGTGACCCCA -3'	
<i>GAPDH</i> forward	5'-GAAGGTGAAGTCCGAGTCA-3'	108
<i>GAPDH</i> reverse	5'-AATGAAGGGGTCATTGATGG-3'	
<i>E-Cadherin</i> forward	5'-TGCCCAGAAAATGAAAAAGG-3'	200
<i>E-Cadherin</i> reverse	5'-GTGTATGTGGCAATGCGTTC-3'	
<i>Occludin</i> forward	5'-CTATAAATCCACGCCGGTTC -3'	243
<i>Occludin</i> reverse	5'-GGTGGATATTCCCTGATCCA-3'	
<i>Claudin 1</i> forward	5'-CTATGACCCTATGACCCCAAGT -3'	158
<i>Claudin 1</i> reverse	5'-TTGGATAGGGCCTTGGTGTT -3'	
<i>TJP1</i> forward	5'-GCAAAAATTACAATTAGAAGGAAGAA-3'	300
<i>TJP1</i> reverse	5'-TCGAAGACCATATTCTTCATTTTTC-3'	
<i>Snail 1</i> forward	5'-CTGGGTGCCCTCAAGATG-3'	129
<i>Snail 1</i> reverse	5'-AGAAGGGCTTCTCGCCAGT-3'	
<i>Vimentin</i> forward	5'-TCCACGAAGAGGAAATCCAG-3'	314
<i>Vimentin</i> reverse	5'-TTCCAGGGACTCATTGGTTC-3'	

Real-time PCR reaction volumes of 20 µl consisted of the following components:

5 µM forward primer, 5 µM reverse primer, 10 µl SYBR GRN Supermix and 1 µl of cDNA as PCR template. Cycle conditions: 95°C for 3 min, 40 cycles of 95°C for 30 s, 60°C for 20 s, 72°C for 30 s. bp: base pairs.