

**Table S1.** Primers sequences used for qPCR.

<b>Genes</b>	<b>Sens</b>	<b>Sequences</b>
18S	F	5'-TGCGAGTACTCAACACCAACA-3'
	R	5'-TTCCTCAACACCACATGAGC-3'
$\beta$ 2M	F	5'-GCCGAACATACTGAACTGCTAC-3'
	R	5'-GCTGAAGAACATATCTGACATCTC-3'
CLDN-1	F	5'-CTGGGTTTCATCCTGGCTTC-3'
	R	5'-TTGATGGGGGTCAAGGGGTC-3'
CLDN-2	F	5'-ATACTACCCTTTAGCCCTGACCGAGA-3'
	R	5'-CAGTAGGAGCACACATAACAGCTACCAC-3'
GAPDH	F	5'-CATCACTGCCACTCAGAAGA-3'
	R	5'-AAGTCACAGGAGACAACCT-3'
IL-1 $\beta$	F	5'-CCCAAAAGATGAAGGGCTGC-3'
	R	5'-AAGGTCCACGGGAAAGACAC-3'
IL-6	F	5'-CACTTCACAAGTCGGAGGCT-3'
	R	5'-CTGCAAGTGCATCATCGTTGT-3'
IL-10	F	5'-ACCTGGTAGAAGTGATGCCC-3'
	R	5'-GCTCCACTGCCTTGCTTTAT-3'
MCP-1	F	5'-TTAAAAACCTGGATCGGAACCAA-3'
	R	5'-GCATTAGCTTCAGATTTACGGGT-3'
MUC-2	F	5'-CGACACCAGGGATTCGCTTAAT-3'
	R	5'-CACTTCCACCCTCCCGCAAAC-3'
NPY	F	5'-CTGCGACACTACATCAATCT-3'
	R	5'-CTTCAAGCCTTGTTCTGG-3'
OCLN	F	5'-AGACTACACGACAGGTGGGG-3'
	R	5'-CTGCAGACCTGCATCAAAT-3'
POMC	F	5'-CCTCCTGCTTCAGACCTCCA-3'
	R	5'-GGCTGTTTCATCTCCGTTGC-3'
TNF- $\alpha$	F	5'-TGTCTACTCCTCAGAGCCCC-3'
	R	5'-TGAGTCCTTGATGGTGGTGC-3'
ZO-1	F	5'-GCAGACTTCTGGAGGTTTCG-3'
	R	5'-CTTGCCAACTTTTCTCTGGC-3'