

Table S1. primer sequences of selected genes.

Gene Name	Gene Symbol	GenBank Accession No.	Primer Sequence (5'-3')
Claudin 1	CLDN-1	NM_001001854.2	F:CGGTCAATGCCAGGTATG R:CTGGGTGTTGGGTAAGATG
Claudin 4	CLDN-4	NM_001014391.2	F:CCAACTGTGTGGATGATGAG R:CGCGGATGACGTTGTTAG
Claudin 8	CLDN-8	NM_001098096.1	F:GAGAGTGTCTGCCTTCATTG R:AGCAGCGAGTCGTAGATT
ZO-1	TJP1	XM_015468497.1	F:CTTTACGAGCTCCAGGCACT R:GGGGTCCTTCCTGTACACCT
ZO-2	TJP2	NM_001102482.1	F:GGAATCGGACAAGCCTAT R:GACCGGTTCTGGTCATTTC
E-cadherin	CDH1	NM_001002763.1	F:GCCAACGAGCTGATACAC R:CGGCATGAGAGAAGAGAATG
Transforming growth factor beta 1	TGF- β 1	NM_001166068.1	F:GGACCTGGGCTGGAAGTG R:CTGCTCCACCTTGGGCTT
Caspase-3	CASP3	NM_001077840.1	F:AAGCCATGGTGAAGAAGGAA R:CCTCAGCACCCTGTCTGTC
Stearoyl-CoA desaturase	SCD-1	NM_173959.4	F:CTACACAACCACCACCACCA R:CAGGGCACCCATCAGATAGT
Fatty acid synthase	FASN	NM_001012669.1	F:CCCTGAATGTGAGGCAGTGTG R:TTAGCTGTGGTGAGGAGCCA
Acetyl-CoA carboxylase alpha	ACACA	NM_174224.2	F:CTTCTGTGATTCCCCACCCC R:GTTTCATCCCTGGGGACCTTG
Glyceraldehyde-3-phosphate dehydrogenase	GAPDH	NM_001034034.2	F:GATGCTGGTGCTGAGTATG R:CAGAAGGTGCAGAGATGATG
Ribosomal protein S9	RPS-9	NM_001101152.2	F:GGAGACCCTTCGAGAAGTCC R:CTTTCTCATCCAGCGTCAGC