Table S1. Primer sequences

Gene	Nucleotide sequence of primers (5′-3′)	Product length	NCBI accession number
β-actin	F：CCTAGGCACCAGGGTGTGAT R：AGCACAGGGTGCTCCTCA	200	NM_007393.5
IL-1β	F：AATGCCACCTTTTGACAGTGATG R：AGCTTCTCCACAGCCACAAT	189	NM_008361.4
IL-18	F：ACTTTGGCCGACTTCACTGT R：GGGGTTCACTGGCACTTTGA	126	NM_001357221.1
TNF-α	F：GACGTGGAACTGGCAGAAGAG R：TTGGTGGTTTGTGAGTGTGAG	228	NM_013693.3
NF-κB	F：ATGGCAGACGATGATCCCTAC R：TGTTGACAGTGGTATTTCTGGTG	111	XM_006501107.3
MyD88	F：TCATGTTCTCCATACCCTTGGT R：AAACTGCGAGTGGGGTCAG	175	NM_010851.3
OCLN	F：GGAGGACTGGGTCAGGGAAT R：TCAGCAGCAGCCATGTACTC	198	NM_001360536.1
CLDN1	F：GGGGACAACATCGTGACCG R：AGGAGTCGAAGACTTTGCACT	100	NM_016674.4
CLDN2	F：CCTCGCTGGCTTGTATTATCTCTG R：GAGTAGAAGTCCCGAAGGATG	175	XM_006528487.4
ZO-2	F：ATGGGAGCAGTACACCGTGA R：TGACCACCCTGTCATTTTCTTG	176	NM_001360392.1
MUC1	F：ACCTGGAAGGCCCAATCAAG R：CTCAGCGTAGTTGGCACTCT	111	NM_013605.2

Table S2. Primer sequence

Gene	Nucleotide sequence of primers (5′-3′)	（bp） Product length	NCBI accession number
GAPDH	F：TCGGAGTGAACGGATTTGGC R：TGCCGTGGGTGGAATCATAC	147	NM_001206359.1
ZO-1	F：GAAATACCTGACGGTGCTGC R：GAGGATGGCGTTACCCACAG	147	XM_021098856.1
MUC2	F：AGCTCCAGAGAGAAGGCAGA R：CTCAGGTGCACAGCGAACTC	164	XM_021082584.1
OCLN	F：TAATGGGCGTCAACCCAACA R：TACAATGGCAATGGCCTCCT	164	NM_001163647.2
CLDN1	F：CAACCCGTGCCTTGATGGTA R：GCAACTAAGATAGCCAGACCTGA	172	NM_001244539.1
IL-10	F：AGACGTAATGCCGAAGGCAG R：ACCCCTCTCTTGGAGCTTGC	184	NM_214041.1
TNF-α	F：GGCCCAAGGACTCAGATCAT R：CTGTCCCTCGGCTTTGACAT	82	NM_214022.1
IL-18	F：TGTAGCTGAAAACGATGAAGACC R：AACACGGCTTGATGTCCCTG	123	NM_213997.1
IL-1β	F：AAGATGACACACCCACCCTG R：TGGTTCTGCTCCCAGACTTTC	150	X74568.1
IL-1R	F：CAGGGGTTCCCCTCTCCTAA R：AAGGAATGCATCCACCCAGC	183	XM_021087128.1
MyD88	F：GGCCCAGCATTGAAGAGGA R：TCGAATGGTGATGCCTGACA	125	NM_001099923.1
TAK1	F：AAGGCAAGAGGATGAGTGCT R：TTAGGCTTGGAATAGGCTGTGG	76	NM_001114280.1

IKKα	F：TTTTGGATGGAGTCAGGGGC R：GTGTACTGCTTCGGCCCATA	182	NM_001114279.1
RELA	F：GGCACCGGATTGAGGAGAAA R：GGTCGGTGGGTCCATTGAAA	87	NM_001114281.1