

Table S1. Primer sequences used for the study

	Reference sequence	Primer sequence(5'-3')
β -actin	NM_205518.1	F: CACCACAGCCGAGAGAGAAAT R: TGACCATCAGGGAGTTCATAGC
IgA	NM_205287.1	F: TGCTAGTGGTTGTGGTGCTTGTG R: CGGAGGCGGAGGAGACGATG
IgG	XM_025146241.1	F: CGATTCCAGCCTCAGCGTCAC R: TAGGTGCCGTTGAAGTGTCTTGG
IFN- γ	NM_205149.1	F: GAACTGGACAGGGAGAAATGAGA R: ACGCCATCAGGAAGGTTGTT
IL-2	NM_204153.1	F: CTGTATTTCCGTAGCAATG R: ACTCCTGGGTCTCAGTTG
IL-6	NM_204628.1	F: AAATCCCTCCTCGCCAATCT R: CCCTCACGGTCTTCTCCATAAA
IL-8	NM_205018.1	F: GGCTTGCTAGGGGAAATGA R: AGCTGACTCTGACTAGGAAACTGT
IL-17	NM_204460.1	F: GCCATTCCAGGTGCGTGAACTC R: CGGCGGAGGACGAGGATCTC
TLR2	XM_001232192	F: GATTGTGGACAACATCATTGACTC R: AGAGCTGCTTTCAAGTTTTCCC
TLR4	NM_001030693.1	F: AGTCTGAAATTGCTGAGCTCAAAT R: GCGACGTTAAGCCATGGAAG
TLR5	NM_001024586	F: CCTTGTGCTTTGAGGAACGAGA R: CACCCATCTTTGAGAAACTGCC
TLR7	NM_001011688	F: TTCTGGCCACAGATGTGACC R: CCTTCAACTTGGCAGTGCAG
TLR21	NM_001030558	F: TGCCCCTCCCCTGCTGTCCACT R: AAAGGTGCCTTGACATCCT
Claudin-1	NM_001013611.2	F: TGGAGGATGACCAGGTGAAGA R: CGAGCCACTCTGTTGCCATA
E-cadherin	NM_001039258.2	F: GACAGGGACATGAGGCAGAA R: GCCGTGACAATGCCATTCTC
Occludin	NM_205128.1	F: TCATCGCCTCCATCGTCTAC R: TCTTACTGCGCGTCTTCTGG
ZO-1	XM_413773.4	F: TGTAGCCACAGCAAGAGGTG R: CTGGAATGGCTCCTTGTGGT
ZO-2	XM_025144669.1	F: CGGCAGCTATCAGACCACTC R: CACAGACCAGCAAGCCTACAG
Mucin2	XM_421035	F: CAGCACCAACTTCTCAGTTC R: TCTGCAGCCACACATTCTTT
HSP40	NM_001199325.1	F: GGGCATTCAACAGCATAGA R: TTCACATCCCCAAGTTTAGG
HSP60	NM_001012916.2	F: AGCCAAAGGGCAGAAATG

HSP70	NM_001006685.1	R: TACAGCAACAACCTGAAGACC F: CGGGCAAGTTTGACCTAA
HSP90	NM_001109785.1	R: TTGGCTCCCACCCTATCTCT F: TCCTGTCCTGGCTTTAGTTT R: AGGTGGCATCTCCTCGGT



Figure S1. The original protein image of HSP40. The lanes from left to right represent: G1 (pre-ACS), G2 (pre-ACS), G3 (pre-ACS), G1 (ACS), G2 (ACS), G3 (ACS).



Figure S2. The original protein image of HSP60. The lanes from left to right represent: G1 (pre-ACS), G2 (pre-ACS), G3 (pre-ACS), G1 (ACS), G2 (ACS), G3 (ACS).



Figure S3. The original protein image of HSP70. The lanes from left to right represent: G1 (pre-ACS), G2 (pre-ACS), G3 (pre-ACS), G1 (ACS), G2 (ACS), G3 (ACS).



Figure S4. The original protein image of β -actin. The lanes from left to right represent: G1 (pre-ACS), G2 (pre-ACS), G3 (pre-ACS), G1 (ACS), G2 (ACS), G3 (ACS).