

**Table S1.** Primer sequences for molecular clone.

Primers	Primer sequences (5'→3')
0306-Kan-F	TCTGAAATGAAAAACTTTTTTCGCAGTCTGCATCATTCCCCTTGTG GTAGCCTGGTCCGCTACTGCATCAGGCGATTGTGTAGGCTGGAG
0306-Kan-R	TTAAAAGGCGTAAGTAATGCCGAGCATGAAGTCATTGGAGGCAG CCTTTGTGTCTGCATCATAAGCGGTATAACGGCTGACATGGGAAT TAG
0306-Y-F	GGCAGGTTCTGAAATGAAAAAC
0306-Y-R	CCGATAGTGTTTAAAAGGCGTAAG
0306-Hind III	CAGCTTATCATCGATAAGCTTTCTGAAATGAAAAACTTTTTTCGCA GTCTGC
0306-EcoR V	GCTGTCGGAATGGACGATATCTTAAAAGGCGTAAGTAATGCCGA GC
0306-XhoI	TGGTGGTGGTGGTGGTGGTCTCGAGTCTGAAATGAAAAACTTTTTTCG CAGTCTGC
0306-BamH I	CAAGGCCATGGCTGATATCGGATCCTTAAAAGGCGTAAGTAATG CCGAGC

**Table S2.** Primer sequences for qRT-PCR.

Species	Primers	Primer sequences (5'→3')
S. Typhimurium	0306-F	CCCTTGTGGTAGCCTGGTC
	0306-R	GCCTTTAGCATCCGTCTCA
	gyrA-F	CGGGATACAGTAGAGGGATAGCGG
	gyrA-R	CACCAACGACACGGGCAGATT
	csgA-F	ATGCCCCGTAAATCTGAAACG
	csgA-R	CCGTATTGGCCGACAGTAAT
	csgD-F	TATGATGGAAGCGGATAAGAA
	csgD-R	GCACCCAGGCAGTTTCAT
	hilA-F	AAATATCCACGCAGGAAATAAC
	hilA-R	GGGCAACCAGCACTAACG
	hilC-F	ACCAAGCCCAGGCACT
	hilC-R	TGTGGTTATGATACGCCTTC
	hilC-F	TGTAAGTAATAGTCATCAGCGTCCTG
	hilC-R	CTCCGAAAGCAAATAAAGTGAAA
	sopB-F	AGCGGGCGAGGCGGTAAG
	sopB-R	CCGGCTGGGTCAACGATTGC
	sopD-F	TAATGAAAGTCGGCTTGCTC
	sopD-R	TGCCCCGTGAATGATGGAG
	sopE-F	ACTAACATAAACTATCCACCCAGCAC
	sopE-R	ACCGCCCTACCCTCAGAAGC
	sopE2-F	ACTAACATAAACTATCCACCCAGCAC
	sopE2-R	GCTTCTGAGGGTAGGGCGGT
	mipA-F	GTGGAATGACAATGCCGATAAGT
	mipA-R	GCCAGTGAGGTACGCAGGAA
Pig	TNF- $\alpha$ -F	GCATCGCCGTCTCCTACCA
	TNF- $\alpha$ -R	CCTGCCCAGATTCAGCAAAGT
	IL-1 $\beta$ -F	GAGCTGAAGGCTCTCCACCTC
	IL-1 $\beta$ -R	ATCGCTGTCATCTCCTTGAC
	CXCL2-F	CGCTGCTGCTCCTGCTT
	CXCL2-R	GAGTGGCTATGACTTCCGTTT
	Occludin-F	ATCAACAAAGGCAACTCT
	Occludin-R	GCAGCAGCCATGTACTCT
	GAPDH-F	GTGAAGGTCGGAGTGAACGGATT
	GAPDH-R	CCCATTGATGTTGGCGGGAT