

## Supplementary Table 1

Gene	Primer sequence
<b>Bacterial quantification</b>	
16S rDNA universal (GC-clamp)	forward 5'-CGCCCGCCGCGCGCGGGCGGGCGGGGCGGGGGCA CGGGGGGCCTACGGGAGGCAGCAG-3'
Helicobacteraceae	reverse 5'-ATTACCGCGGCTGCTGG-3' forward 5'-GGCTATGACGGGTATCCGGC-3'
SFB	reverse 5'-GCCGTGCAGCACCTGTTTTTC-3' forward 5'-GACGCTGAGGCATGAGAGCA-3'
	reverse 5'-GACGGCACGGATTGTTATTC-3'
<b>Q-PCR</b>	
CRAMP	forward 5'-CTTCAACCAGCAGTCCCTAGACA-3'
	reverse 5'-TCCAGGTCCAGGAGACGGTA-3'
$\beta$ -defensin 3	forward 5'-GCTAGGGAGCACTTGTTC-3'
	reverse 5'-TTGTTTGAGGAAAGGAGGCA-3'
Angiogenin-4	forward 5'-CTCTGGCTCAGAATGAAAGGTACGA-3'
	reverse 5'-GAAATCTTTAAAGGCTCGGTACCC-3'
RegIII- $\gamma$	forward 5'-TTCCTGTCCTCCATGATCAAAA-3'
	reverse 5'-CATCCACCTCTGTTGGGTTCA-3'
mucin 1	forward 5'-TGCCAGTGCCGCCGAAAGAG-3'
	reverse 5'-GCCGAAACCTCCTCATAGGGGC-3'
mucin 2	forward 5'-GCTGACGAGTGGTTGGTGAATG-3'
	reverse 5'-GATGAGGTGGCAGACAGGAGAC-3'
mucin 3	forward 5'-CGTGGTCAACTGCGAGAATGG-3'
	reverse 5'-CGGCTCTATCTCTACGCTCTCC-3'
mucin 4	forward 5'-CAGCAGCCAGTGGGGACAG-3'
	reverse 5'-CTCAGACACAGCCAGGGAAGTCC-3'
TFF3	forward 5'-CCTGGTTGCTGGGTCCTCTG-3'
	reverse 5'-GCCACGGTTGTTACACTGCTC-3'
TLR2	forward 5'-TCTGGGCAGTCTTGAACATTT-3'
	reverse 5'-AGAGTCAGGTGATGGATGTGC-3'
TLR4	forward 5'-GCAATGTCTCTGGCAGGTGTA-3'
	reverse 5'-CAAGGGATAAGAACGCTGAGA-3'
NOD2	forward 5'-CAACATCTCCCACAGAGTTGTAATCC-3'
	reverse 5'-GGCACCTGAAGTTGACATTTTGC-3'
18S rRNA	forward 5'-CATTCGAACGTCTGCCCTATC-3'
	reverse 5'-CCTGCTGCCTTCCTTGGA-3'