

Supplementary Table 3. Primer and probe sequences for real-time PCR analysis

Gene	Primer or probe	Sequence 5'→3'
<i>H. pylori</i> 16S rDNA	forward	TTTGTTAGAGAAGATAATGACGGTATCTAAC
	reverse	CATAGGATTTACACCTGACTGACTATC
	probe	CGTGCCAGCAGCCGCGGT
<i>H. pylori</i> <i>cagA</i>	forward	GAGTCATAATGGCATAGAACCTGAA
	reverse	TTGTGCAAGAAATTCCATGAAA
Human β -actin	forward	TTCCTTCTGGGCATGGAGTCC
	reverse	TGGCGTACAGGTCTTTGCGG
Human IL-22	forward	GACAAGTCCAACCTCCAG
	reverse	GCTCACTCATACTGACTC
Human IL-22R1	forward	AGCCCTGCAAGGCAGAAATG
	reverse	GATTGTGAACTGGCCAGGAATG
Human CXCL2	forward	CCCAAGTTAGTTCAATCCTG
	reverse	TTCTCAGCCTCTATCACAG
Mouse β 2-microglobulin	forward	CCTGCAGAGTTAAGCATGCCAG
	reverse	TGCTTGATCACATGTCTCGATCC
	probe	TGGCCGAGCCCAAGACCGTCTAC
Mouse Sry	forward	TGGGACTGGTGACAATTGTC
	reverse	GAGTACAGGTGTGCAGCTCT
Mouse IL-22	forward	ATACATCGTCAACCGCACCTTT
	reverse	AGCCGGACATCTGTGTTGTTAT
Mouse IL-22R1	forward	CTACGTGTGCCGAGTGAAGA
	reverse	AAGCGTAGGGGTTGAAAGGT
Mouse S100A8	forward	GGAAATCACCATGCCCTCTAC
	reverse	GCCACACCCACTTTTATCACC
Mouse S100A9	forward	AACATCTGTGACTCTTTAGCCTTG
	reverse	ACTGTGCTTCCACCATTTGTCT

For the probes, a FAM fluorescent reporter is coupled to the 5' end, and a TAMRA quencher is coupled to the 3'

end.