**Table S1. Oligonucleotides primers/probes used in this study.**

| qPCR primers/probe | Sequence (5'- 3') | Target | Annealing (°C) | Reference |
|---|---|---|---|---|
| Forward | GAAGGCGGCCTACTGGGCAC | *Faecalibacterium* | 60 | [29] |
| Reverse | GTGCAGGCGAGTTGCAGCCT | | | |
| Forward | KGGGCTCAACMCMGTATTGCGT | Fusobacteria | 51 | [30] |
| Reverse | TCGCGTTAGCTTGGGCGCTG | | | |
| Forward | TCTGATGTGAAAGGCTGGGGCTTA | *Blautia* | 56 | [30] |
| Reverse | GGCTTAGCCACCCGACACCTA | | | |
| Forward | CCTACGGGAGGCAGCAGT | Universal Bacteria | 59 | [31] |
| Reverse | ATTACCGCGGCTGCTGG | | | |
| Forward | CAGACGGGGACAACGATTGGA | *Turicibacter* | 63 | [30] |
| Reverse | TACGCATCGTCGCCTTGGTA | | | |
| Forward | GTTAATACCTTTGCTCATTGA | *E. coli* | 55 | [32] |
| Reverse | ACCAGGGTATCTAATCCTGTT | | | |
| Forward | AGTAAGCTCCTGATACTGTCT | *C. hiranonis* | 50 | [33] |
| Reverse | AGGGAAAGAGGAGATTAGTCC | | | |
| Forward | TTATTTGAAAGGGGCAATTGCT | *Streptococcus* | 54 | [34] |
| Reverse | GTGAACTTTCCACTCTCACAC | | | |
| Forward | F-TTGAGCGATTTACTTCGGTAAAGA | *C difficile* 16S rRNA | 61 | [35] |
| Reverse | R-TGTACTGGCTCACCTTTGATATTCA | | | |
| Probe | P-CCACGCGTTACTCACCCGTCCG | | | |