Supplementary Table 1. Primers used for the real-time gene expression of bacteria

|  |  |  |
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| **Gene** | **Sequence** | **Amplicon (bp)** |
| *Firmicutes* | 5'-GGAGYATGTGGTTTAATTCGAAGCA -3' | 126 |
|  | 5'-AGCTGACGACAACCATGCAC-3' |  |
|  |  |  |
| *Bacteroidetes* | 5'-GGARCATGTGGTTTAATTCGATGAT-3' | 126 |
|  | 5'-AGCTGACGACAACCATGCAG-3' |  |
|  |  |  |
| Universal primer | 5'-ACTCCTACGGGAGGCAGCAG-3' | 200 |
|  | 5'-ATTACCGCGGCTGCTGG-3' |  |