**Supplementary Table 1: Primer sequences with annealing temperatures and product size for *Campylobacter* genus and species.**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Bacteria | Gene | Primer | Sequence 5’ to 3’ | AnnealingTemp °C | Product Size (bp) | Ref |
| *Campylobacter* | 16S rRNA | MD16S1-F | ATCTAATGGCTTAACCATTAAAC | 59 | 857 | (Müller et al. 2011; Adiguzel et al. 2018) |
| MD16S1-R | GGACGGTAACTAGTTTAGTATT |
| *C. jejuni* | mapA | MDmapA1-F | CTATTTTATTTTTGAGTGCTTGTG | 59 | 589 |
| MDmapA1-R | GCTTTATTTGCCATTTGTTTTATTA |
| *C. coli* | cueE | MDcol-F | AATTGAAAATTGCTCCAACTATG | 59 | 462 |
| MDcol-R | TGATTTTATTATTTGTAGCAGCG |  |  |

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Müller W, Böhland C, Methner U. Detection and genotypic differentiation of Campylobacter jejuni and Campylobacter coli strains from laying hens by multiplex PCR and fla-typing. Research in veterinary science. 2011 Feb 1;91:e48-52.