***Table 1.*** Primers utilised for real-time qualitative polymerase chain reaction:

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| **Target Gene** | **Sequence** |
| Human COX3 (mtDNA) | 5’-AGGCATCACCCCGCTAAATC-3’ (Forward)  5’-CCGTAGATGCCGTCGGAAAT-3’ (Reverse) |
| Human ND3 (mtDNA) | 5’-ACTACCACAACTCAACGGCT-3’ (Forward)  5’-GCGGGGGATATAGGGTCGAA-3’(Reverse) |
| Human GAPDH (nDNA) | 5’-AGGGCCCTGACAACTCTTTT-3’ (Forward)  5’-TTACTCCTTGGAGGCCATGT-3’ (Reverse) |
| Bacterial 16S (bDNA) | 5’- CGTCAGCTCGTGTTGTGAAA-3′ (Forward)  5′-GGCAGTCTCCTTGAGTTCC-3′ (Reverse) |