|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Loci  | Molecular analyses | Primer/ probe (reporter dye) | Primer or probe sequence (5′-3′) | Reference |
| 16S rRNA | qPCR | Forward  | CATGCATGCCCGCTCA | (Mejia et al., 2013)[29] |
| Reverse  | AGCGGTGTCCGGCTAGC |
| Probe (FAM) | AGGACAACGGTTGCAC |
| SSU rRNA | PCR for sequencing | Forward RH11 | CATCCGGTCGATCCTGCC |  (Hopkins et al., 1997)[33] |
| Reverse RH4  | AGTCGAACCCTGATTCTCCGCCAGG |
| SSU rRNA | 18S rRNA SNP Genotyping Assay | Forward  | CCGGTCGATCCTGCCG | Present study |
| Reverse  | GCAACCGTTGTCCTGAGC |
| Probe (VIC) | ATGCCCGCTCACCCG |
| Probe (FAM) | CCCGCGCACCCG |

**S1 Table. Sequences of primers and probes used in molecular analyses.**