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| **Primer name** | **Gene (Organism)** | **qPCR?** | **Primer sequence** **(5’ -3’)** | **Citation with PCR steps** |
| EF\_F | Ef1-alpha (*Encarsia*) | Yes | AGATGCACCACGAAGCC | Stouthamer et al. 2018 |
| EF\_R | Ef1-alpha (*Encarsia*) | Yes | CCTTGGGTGGGTTGTTCTT | Stouthamer et al. 2018 |
| gyrB737F | gyrB(*Cardinium*) | Yes | AAGTTATTGTAGCCGCTCAAG | Perlman et al. 2014 |
| gyrB911R | gyrB(*Cardinium*) | Yes | GCAGTACCACCAGCAGAG | Perlman et al. 2014 |
| Ch441F | 16S rRNA(*Cardinium*) | No | GTACAGGAGCAAACAATCCC | Harris et al. 2010 |
| Ch1017R | 16S rRNA(*Cardinium*) | No | ATTTTTCAAAGTAGCAAAATA | Harris et al. 2010 |
| LCO1490 | CO1(Mitochondrial) | No | GGTCAACAAATCATAAAGATATTGG | Folmer et al. 1994 |
| HCO2198 | CO1(Mitochondrial) | No | TAAACTTCAGGGTGACCAAAAAATCA | Folmer et al. 1994 |