**TABLE 1**. Cytochrome c oxidase subunit I (COI) primers.

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| --- | --- | --- | --- | --- | --- | --- |
| **Gene region** | **Forward primer** | **Sequence (5'-3')** | **Reference** | **Reverse primer** | **Sequence (5'-3')** | **Reference** |
| COI Barcode | LCO1490 | GGTCAACAAATCATAAAGATATTGG | Folmer *et al.* (1994) | COI-Dipt-2183R | CCAAAAAATCARAATARRTGYTG | Gibson *et al.* (2011) |
| COI-Fx-A  (5'-end of barcode) | LCO1490 | GGTCAACAAATCATAAAGATATTGG | Folmer *et al.* (1994) | COI-SYR-1762R | CGDGGRAADGCYATRTCDGG | Motamedinia *et al.* (2019) |
| COI-Fx-B  (middle of barcode) | COI-SYR-342F | GGDKCHCCNGAYATRGC | Motamedinia *et al.* (2019) | COI-SYR-1976R | GWAATRAARTTWACDGCHCC | Motamedinia *et al.* (2019) |
| COI-Fx-C  (3'-end of barcode) | COI-SYR-1957F | GGDATWTCHTCHATYYTAGG | Motamedinia *et al.* (2019) | COI-Dipt-2183R | CCAAAAAATCARAATARRTGYTG | Gibson *et al.* (2011) |