Table 1 Details of PCR amplifications for two mtDNA gene regions

Gene region	COI	CytB
Primer details	Forward - LOC1490 5'–GGTCAACAAATCATAAAGATATTGG-3' Reverse - HCO2198 5'–TAAACTTCAGGGTGACCAAAAAATCA-3' (Folmer et al., 1994)	Forward - PHCYT_f (Tm value 48.5℃) 5'CGGAAAACACATCCATTATT3' Reverse - PHCYT_r (Tm value 51.4℃) 5'ATGTTGGGATCTTCTACTGG3' (Primers designed for current study, amplification size is 1031 bp)
aluePCR reaction mix	9.45 µL 10% trehalose, 1.25 µL 10X PCR buffer, 0.2 µL MgCl2, 1µL 2.5 mM dNTP, 0.5 µL of 10 mM forward and reserve primers and 0.1 µL Taq polymerase (5 units) in 14 µL final solution.	
Thermal Cycle parameters	Initial; 3 min at 94^{o}C First 5 cycles ; 30 sec at 94^{o}C, 40 sec at 45^{o}C, 1 min at 72 ^{o}C Second 30 cycles; 30 sec at 94^{o}C, 40 sec at 53^{o}C, 1 min at 72 ^{o}C Final extension; 72^{o}C for 3 mins	Initial step of 3 min at 94^{o}C Thirty five cycles; 30 sec at 94^{o}C 40 sec at 49^{o}C 30 sec at 72^{o}C Final extension; 72^{o}C for 3 mins