

S1 Table**Primer sequences and PCR conditions**

Target gene	Primer name	Sequence 5' -> 3'	T_a^a (°C)	Et^b (s.)	Size (bp)^c	References
12S gene	Coop12S_for_kurz	GTATAATACTTGTTCAGATAATC	51	20	~ 223	Designed in this study
	Coop12S_rev_kurz	CTTACAGTTTAAATACAACCTTAC				Designed in this study
Cytochrome oxidase II	COII_deg_for	ATKGARTAYCARTTTGGIGARTT	47	30	~ 452	Designed in this study
	COII_deg_rev	CTRTGRTTIGCICRCARATYTC				Designed in this study
Internal transcribed spacer ^d	ITS1_part_for	TAGGTGAAACCTGCAGATGGAT	52	45	~ 1223	Modified from Demeler et al, 2013
	NC2	TTAGTTTCTTTTCCTCCGCT				Gasser et al, 1993
Partiell β -tubulin isotype 1	CoPCR167fw	TATGGGCACTTTGCTTATTTCA	52	20	~ 267	Demeler et al., 2013
	CoPCR198+200rev	CCGGACATYGTGACAGACACTAGG				Modified from Demeler et al., 2013
<i>Sequencing primer</i>	5.8S Seq_for	GCAGACGCTTAGAGTGGTG				Designed in this study
	5.8S Seq_rev	CAGACGTGCCGAAGGGAAAAC				Designed in this study

^aAnnealing temperature,^bExtention time^cFragmentsize including Primer^dpartiell internal transcribed spacer-1, 5.8S rRNA and complete internal transcribed spacer-2