

TABLE S2

	Gene	Name	Sequencing primers (5' - 3')	Reference	Annealing temperature
MITOCHONDRIAL	CO1	L2	GCAACGATGATTATTTTCCACT	modified from [15]	48-50°C
		H2	CCTGGTAAAATTAGAATGTAAACTTCTG		
		A+GR	CCAGTTTTAGCTGGTGCTATTACIAT	[16]	47°C
		B-GR	TAATCRGAATATSGTCGGTATTCC		
	CO2	co2a	GGTCAAACAATTGAGTCTATTTGAAC	[17]	55°C
		co2e	CCACAAATTTCTGAACATTGACCA		
		RNa	TACWMAYCGWTTYCTTYTTGAAGGWC	modified from [17]	47°C
		RNe	CGACCTGGAGTTGCATCAG		
	Cytb	427F	YTWGTWCAATGARTMTGAGG	[18]	48°C
		800R	CCYARTTTATTAGGAATTGATCG		
	12S	F	TACTATGTTACGACTTAT	[19]	48°C
		R	AAACTAGGATTAGATACCC		
16S	AG	CGCCTGTTTATCAAAAACATGT	[18]	55°C	
	BG	AGATCACGTAAGAATTTAATGGTC			
NUCLEAR	Hexk	HexF	AATGGGGAGCTTTCGGAGAT	[20]	48-50°C
		HexR	CATTGGCACAGTTTTGGTCAG		
	EF1a	M1F	GCWGCGGTACTGGTGAR	modified from [21]	54°C
		M1R	ACACCWGTTCACACWGRCC		
		M51F	CTTCAGGATGTRTACAAAATTGGTG	modified from [22]	54°C
		M53R	GCAATATGAGCWGTGTGGCA		
	H3	HexAF	ATGGCTCGTACCAAGCAGACGGC	[23]	58°C
		HexAR	ATATCCTTGGGCATGATGGTGAC		
	28S	C1'	ACCCGCTGAATTTAAGCAT	[24]	55°C
		D2b	GTTAGACTCCTTGGTCCGT		
		C2'	GAAAAGAACTTTGRARAGAGAGT	[24]	54°C
		D3	ATAGTTCACCATCTTTCGGGTC	[25]	
18S	A2	ATGGTTGCAAAGCTGAAAC	[26]	52°C	
	9R	GATCCTTCCGAGGTTACCTA	[27]		