

Table S1: Sequences of primers used for PCR and sequencing.

Forward (F) and reverse (R) primers are given. Mitochondrial gene loci: CO1 = cytochrome C oxidase 1, CytB = cytochrome B oxidase, 16S = 16S ribosomal RNA. Nuclear gene loci: H3 = histon 3, H4 = histon 4, ARK = arginine kinase, 18S = 18S ribosomal RNA. I = inosine.

Gene	Primer	F/R	Primer sequence	Reference
CO1	Jerry	F	CAA CAT TTA TTT TGA TTT TTT GG	Simon et al. 1994
	Pat	R	TCC AAT GCA CTA ATC TGC CAT ATT A	
CytB	CB3	F	GAG GAG CAA CTG TAA TTA CTA A	Baraclough et al. 1999
	CB4	R	AAA AGA AA(AG) TAT CAT TCA GGT TGA AT	
16S	M14	F	CGC CTG TTT AAC AAA AAC AT	Simon et al. 1994
	M223	R	GGT CCC TTA CGA ATT TGA ATA TAT CCT	
H3	H3aF	F	ATG GCT CGT ACC AAG CAG AC(AG) CGC	Colgan et al. 1998
	H3aR	R	ATA TCC TT(AG) GGC AT(AG) AT(AG) GTG AC	
H4	H4F2s	F	T(CG)C GIG A(CT)A ACA T(CT)C AGG GIA TCA C	Pineau et al. 2004
	H4F2er	R	C(GT)(CT) TTI AGI GC(AG) TAI ACC AC(AG) TCC AT	
ARK	AK183F	F	GAT TCT GGA GTC GG(AGCT) AT(CT) TA(CT) GC(AGCT) CC(CT) GA(CT) GC	Wild & Maddison 2008
	AK939R	R	GCC (AGCT)CC (CT)TC (AG)GC (CT)TC (AG)GT GTG (CT)TC	
18S	18S 5'	F	GAC AAC CTG GTT GAT CCT GCC AGT (I)	Shull et al. 2001
	18S b5.0	R	TAA CCG CAA CAA CTT TAA T (I)	

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