

Appendix 4

Primer sequences and PCR protocols.

Fragment	Primer	Primer sequence	PCR protocol
ND4	ND4 NAD4 (Arévalo et al. 1994)	CAC CTA TGA CTA CCA AAA GCT CAT GTA GAA GC	1 cycle: 96°C (3 min) 40 cycles: 95°C (30 s), 50–56°C (1 min), 72°C (1 min) 1 cycle: 72°C (10 min)
	ND4 Leu (Arévalo et al. 1994)	CAT TAC TTT TAC TTG GAR RRG CAC CA	
12S	12S L1091mod (Kocher et al. 1989)	CAA ACT AGG ATT AGA TAC CCT ACT AT	1 cycle: 94°C (3 min) 35 cycles: 94°C (30 s), 49–53°C (30 s), 72°C (1 min) 1 cycle: 72°C (10 min)
	12S H1557mod (Knight and Mindell 1994)	GTA CRC TTA CCW TGT TAC GAC TT	
16S	L2510mod (Palumbi et al. 2002)	CCG ACT GTT TAM CAA AAA CA	1 cycle: 94°C (3 min) 35 cycles: 94°C (30 s), 48.6°C (1 min), 72°C (1 min) 1 cycle: 72°C (10 min)
	H3056mod (Palumbi et al. 2002)	CTC CGG TCT GAA CTC AGA TCA CGT RGG	
c-mos	c-mos S77 (Lawson et al. 2005)	CAT GGA CTG GGA TCA GTT ATG	1 cycle: 96°C (3 min) 40 cycles: 95°C (30 s), 50–52°C (1 min), 72°C (1 min) 1 cycle: 72°C (10 min)
	c-mos S78 (Lawson et al. 2005)	CCT TGG GTG TGA TTT TCT CAC CT	