Table S3. PCR conditions used in this study.

Gene	Method	Primers F	Primers R	PCR conditions	Cycles
28s	Phusion_58	D2-3551	D2-4057	25µl total; 2µl DNA, 0.25U PhusionE, 200µM dNTP, 0.5µM primers	98°C / 30sec; 35 cycles [98°C / 10sec, Tm 58°C / 15sec, 72°C / 15sec]; 72°C / 5 min
COI	Qiagen_48	LCO1490	HCO2198	20µl total; 2µl DNA, 1U Taq-qiagen, 200µM dNTP, 0.5µM primers	94°C / 5min; 35 cycles [94°C / 30sec, Tm 48°C / 1min, 72°C / 1min30]; 72°C / 10 min
COI	Phusion_52	LCO1490	HCO2198	25µl total; 2µl DNA, 0.25U PhusionE, 200µM dNTP, 0.5µM primers	98°C / 30sec; 35 cycles [98°C / 10sec, Tm 52°C / 15sec, 72°C / 15sec]; 72°C / 5 min
COI	QiagenPUC_46	LCO1490puc	HCO2198puc	20µl total; 2µl DNA, 1U Taq-qiagen, 200µM dNTP, 0.5µM primers	94°C / 5min; 40 cycles [94°C / 30sec, Tm 46°C / 1min, 72°C / 1min]; 72°C / 10 min
COI	QiagenPUC_48	LCO1490puc	HCO2198puc	25µl total; 1.25µl DNA, 1.25U Taq-qiagen, 200µM dNTP, 0.5µM primers	94°C / 5min; 40 cycles [94°C / 30sec, Tm 48°C / 1min, 72°C / 1min]; 72°C / 10 min
COI	PhusionPUC_52	LCO1490puc	HCO2198puc	25µl total; 2µl DNA, 0.25U PhusionE, 200µM dNTP, 0.5µM primers	98°C / 30sec; 35 cycles [98°C / 10sec, Tm 52°C / 15sec, 72°C / 15sec]; 72°C / 5 min