

Table S2. PCR primers, amplicon lengths and references.

Gene product	Organellar localization	Primer sequence (5'-3')	Primer name	Tann (°C)	Fragment length (bp)	Reference
16S rRNA ^a	Mitochondrial	CGCCTGGTTGATTA AAAACATTGCTGC	16S pinctada for	55	PMR: 511	[49], [50]
		CCGGTTTGA ACTCAGATCACGTA	16S pinctada rev		PMX: 509 PR: 524	
<i>cox1</i> ^a	Mitochondrial	TCGTATAGAGCTCCGTCGACCTG	LCX	45	PMR: 576	[45]
		TGGAACAAA ACTGGATCGCC	HCY		PMX: 576 PR: 576	
ITS1 ^a	Nuclear	CACACCGCCCGTCGCTACTA	sp-1-5	52	PMR: 675	[44], [51]
		ATTTAGCTGCGGTCTTCATC	sp-1-3		PMX: 701 PR: 627	
ITS2 ^a	Nuclear	GCAGGACACATTGAACATCG	5.8S-F	52	PMR: 575	[51]
		CCAAGGACGTTCTTAGCAGAAG	28S-R		PMX: 571 PR: 590-591	
<i>P. margaritifera</i> ITS2 ^a	Nuclear	CTGTTCTGTCATGACGACGG	ITS2-Marg-F	52	PMR: 335	This study
<i>P. maxima</i> ITS2 ^a	Nuclear	GGGCCTATTTCCGTGTTGAG	ITS2-Max-F	52	PMX: 332	This study
<i>P. radiata</i> ITS2 ^a	Nuclear	CTGTCGATGGATGACTTACACG	ITS2-Rad-F	52	PR: 336-337	This study

^a 16S rRNA: mitochondrial 16S ribosomal RNA gene; *cox1*: mitochondrial cytochrome oxidase subunit I gene; ITS1: nuclear internal transcribed spacer 1 located between the 18S and 5.8S ribosomal RNA gene; ITS2: nuclear internal transcribed spacer 2 located between the 5.8S and 28S ribosomal RNA genes.