

**S10 Table. Summary of amplification and sequencing results for each primer pair. PCR products that showed a single sharp band of correct size were sent for sequencing. Sequences were then BLASTed. Blast search results, identification % and E-value were recorded.**

<b>Primer Pair</b>	<b>Sample</b>	<b>Blast top hit</b>	<b>Identification %</b>	<b>E-value</b>
<b>LobsterMiniBarF</b>	Adult 1	<i>Panulirus homarus</i>	97%	7e-80
	Adult 2	<i>Panulirus homarus</i>	96%	4e-82
+				
<b>LobsterMiniBarR</b>	Phyllosoma 1	<i>Panulirus homarus</i>	93%	3e-74
	Phyllosoma 2	<i>Panulirus homarus</i>	92%	5e-71
<b>LCO1490</b>	Adult 1	<i>Panulirus homarus</i>	96%	0.0
	Adult 2	<i>Panulirus homarus</i>	97%	0.0
+				
<b>HCO2198</b>	Phyllosoma 1	<i>Panulirus homarus</i>	97%	0.0
	Phyllosoma 2	No amplification	No amplification	No amplification
<b>UniMinibarF1</b>	Adult 1	Multiple bands	No amplification	No amplification
	Adult 2	Multiple bands	No amplification	No amplification
+				
<b>UniMinibarR1</b>	Phyllosoma 1	No amplification	No amplification	No amplification

	Phyllosoma 2	No amplification	No amplification	No amplification
	Adult 1	Multiple bands	No amplification	No amplification
<b>MICOLintF</b>	Adult 2	<i>Panulirus homarus</i>	99%	5e-148
+	Phyllosoma 1	No amplification	No amplification	No amplification
<b>HCO2198</b>	Phyllosoma 2	No amplification	No amplification	No amplification
	Adult 1	Multiple bands	No amplification	No amplification
<b>MICOLintR</b>	Adult 2	<i>Panulirus homarus</i>	99%	5e-148
+	Phyllosoma 1	No amplification	No amplification	No amplification
<b>LCO1490</b>	Phyllosoma 2	No amplification	No amplification	No amplification