

S4 Table: Thermal cycling conditions for the standard COI, universal mini-barcode (touch up PCR), internal COI mini-barcode (touch down PCR) primers and lobster mini-barcode.

	Standard COI			Universal mini-barcode (touch up)			Internal COI mini- barcode (touch down)			Lobster mini-barcode		
	Cycles	° C	Min	Cycles	° C	Min	Cycles	° C	Min	Cycles	° C	Min
Initial denaturation		94	2		94	2		94	2		94	2
Denaturation		94	1		94	1		94	10 s		94	30 s
Annealing	x 35	40	1	x 5	46	1	x 16	62 **	30 s	x 35	46	30 s
Extension		72	1.5		72	30 s		72	1		68	1
Denaturation		-	-		94	1		94	10 s		-	-
Annealing	-	-	-	x 35	53	1	x 25	46	30 s	-	-	-
Extension		-	-		72	30 s		72	1		-	-
Final extension		72	7		72	5		72	5		68	5

** Temperature (-1°C per cycle = touch down PCR)