

Table S1 Specific primers used for qRT-PCR

Name	Forward primer	Reverse primer	Product length (bp)	Melting Temperature	Gene Bank Code
<i>COX-2</i>	GCCGACTAAATCAAGCAACA	CAATGGGCATAAAGCTATGG	99	53.01	NC_005089.1
<i>globin</i>	GAAGCGATTCTAGGGAGCAG	GGAGCAGCGATTCTGAGTAGA	90	55.46	NC_000073.7
<i>ND1</i>	ATGGCCAACCTCCTACTCCT	GCGGTGATGTAGAGGGTGAT	215	58.15	NC_012920.1
<i>nuclear 18S</i>	ACGGACCAGAGCGAAAGCA	GACATCTAAGGGCATCACAGAC	530	59.89	NC_021160023.1