

S4 Table. Primers and reference for PCR protocol used in this study

DNA fragment	primer name	sequence	primer	PCR protocol	type of sample	used by
Cytb-464 bp	H15149ad	5'-GCICCTCARAATGAYATTTGTCCTCA-3'	Burgener (1997)	Burgener (1997)	fresh, frozen	Spain, Portugal, Germany
	L14735	5'AAAAACCACCGTTGTTATTCAACTA-3'				
Cytb-176 bp	H15573	5'AATAGGAAGTATCATTCCGGGTTTGATG-3'	Meyer (1993)	Meyer (1993)	processed	Spain, Portugal, Germany
	L15424	5'ATCCCATTCCACCCATACTACTC-3'				
Cytb-187 bp	BDR-L	5'-GCMAACGGSGCNTCYTTCTTCTT-3'	Mackie et al. (1999)	Mackie et al. (1999)	processed	Spain, Portugal, Germany, UK, ROI
	BDR-H	5'TGACGGTAGCHCCTCAGAADGACATTTG TCCTCA 3'				
COI-650 bp	FishF2	5'TCGACTAATCATAAAGATATCGGCAC3'	Ward et al. (2005)	Griffiths et al. (2013)	fresh, frozen	UK, ROI, Portugal
	FishR2	5'ACTTCAGGGTGACCGAAGAATCAGAA3'				
CR-400 bp	L15998	5'-TACCCCAAACCTCCCAAAGCTA-3'	Alvarado-Bremer (1994) Mariani et al., 2015	Viñas and Tudela (2009)	fresh, frozen	France
	DLtun360	5'-TGTCCTCACCTTCAATAACCG -3'				
CR-150 bp	DLtun238	5'-CGAGATTTAAGACCTACCA - 3'	Mariani et al., 2015	Viñas and Tudela (2009)	processed	
	DLtun360	5'-TGTCCTCACCTTCAATAACCG -3'	Mariani et al., 2015	Viñas and Tudela (2009)	Processed (canned)	