

1 **Table S1.** List and description of primers used in this study for DLF molecular typing (adapted from Lefoulon et al., 2015).

Gene	Hypothetical product	Primers (5'-3')	Tm	Fragment size
<i>MyoHC</i>	Myosin heavy chain	fil_myoHCp_F1 fil_myoHCp_R1 fil_myoHCpN_F2 fil_myoHCpN_R2	GCATCARGAAGAAATTAATCG GCTTCAATTTTCYTCTCCAT GAYGATCTTGAGGACAAYYT TCTTCAATYTGTTBCCRAG	52°C Nested PCR assay: 1st round PCR: fil_myoHCp_F1 / fil_myoHCp_R1: 1060 bp 2nd round PCR: fil_myoHCpN_F2/fil_myoHCpN_R2: 785 bp
<i>hsp70</i>	Chaperone protein (heat shock protein)	FHsp70_dF3 FHsp70_dR1 FHsp70_dF1	TCRGATTTCCTTYTCTGGYA GTYTGYTTCATATTGAAAYGC CAGCTATYCTYTCTGGTGAT	52°C Semi- Nested PCR assay: 1st round PCR: FHsp70_dF3/FHsp70_dR1: 710bp 2nd round PCR: FHsp70_dF1/ FHsp70_dR1: 610bp
<i>rbp1</i>	RNA polymerase II large subunit	RNApolyLSp_dF1 RNApolyLSp_dR1 RNApolyLSp_dF1b RNApolyLSp_dR1b	ACTGCAAAYACWGCWATTTA ACRTGATTCAATTCRCGTTT TAATTGAAGAAGATCAGGAGTG CGAATATTTACAGATATCGT	52°C Nested PCR assay: 1st round PCR :RNApolyLSp_dF1/RNApolyLSp_dR1: 640bp 2nd round PCR: RNApolyLSp_dF1b/RNApolyLSp_dR1b: 544bp
12S rRNA	SSU rRNA of mitochondrial ribosome	12SdegF2 12SnemR2 12SF 12SdegR	ATTACYTATTYTTAGTTTA CTACCATACTACAACCTTACGC GTTCCAGAATAATCGGCTA ATTGACGGATGRTTTGTACC	50°C Nested PCR assay: 1st round PCR: 12SdegF2/12SnemR2: 600pb 2nd round PCR: 12SF/12SdegR: 450bp
28S rRNA	LSU rRNA of eukaryotic cytoplasmic ribosome	F28SF1 F28SR2 F28SintdR1	CCTCAACTCAGTCGTGATTACC CTCTGGCTTCATCCTGCTCA TCTTYACTTTCATTAYGCTT	55°C Semi-nested PCR assay: 1st round PCR: F28SF1/F28SR2: 1150bp 2nd round PCR: F28SF1/F28SintdR1: 970bp
18S rRNA	SSU rRNA of eukaryotic cytoplasmic ribosome	F18ScF1 F18ScR1	ACCGCCCTAGTTCTGACCGTAAA GGTTCAAGCCACTGCGATTAAAGC	52°C Simple PCR assay: PCR: F18ScF1/F18ScR1: 740bp

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