

Supplementary Tables

Table S1 MtDNA primers used in this study

ID	Primer Name	Primer Sequence (5'-3')	Gene	PCR product size (bp)	Ta (°C)	Reference
1	L14724	TGACTTGAARAACCAAYCGTTG	CB	877	53	Leduc et al. (1999)
	Kosuch CBR	AGGAATTGATCGTAYGATCGC				Kosuch et al. (2001)
2	ObreMt14890F	GAC ATC CTA GGT GCC CTA CTC	CB-tRNAtthr	547	57	This study
	ObreMt15437R	CTTTGGGTGTTGGTGGTGAGGT				
3	195CtFw	TTCGCATACGCRATCYTACGATC	CB-CR	879	53	This study
	H16498	CCTGAAGTAAGAACCAGATG				Leduc et al. (1999)
4	ObreMt15808F	CTTAATCACCATGCCGCGTGAAA	CR	543	55	This study
	ObreMt16351	ATGGGGCTTGTGTCTAGATTCTAG				
5	L15812	CCTCCCTAAGACTCAAGGAAG	CR	770	55	SWFSC Lab, unpublished
	Dlp8	GGAGTACTATGTC CTGTAACCA				Dalebout et al. (2005)
6	ObreMt24F	GGACTAGCACAAACCAACAGGTG	CR-12SrRNA	733	59	This study
	ObreMt499R	GACTAAGCATAGTGGGGTATCTAATC				
7	ObreMt81F	GGTCCTGGCCTTTCTATTAGTTC	12SrRNA-tRNAval	1010	56	This study
	ObreMt15R	GATGTACACGAGTTGTGGAATC				
8	ObreMt16F	CGTACCGGAAGGTGTGCTTGG	12SrRNA-16SrRNA	625	58	This study
	ObreMt1640R	CGCTTCTTAATTGGTGGCTGCT				
9	ObreMt1463F	CCTGGTGATAGCTGGTTGTCC	16SrRNA	703	57	This study
	ObreMt2166R	CTTCTCGTCTTATGTGTTATCCC				
10	LR3F	CTTGATGAATGGCCACACG	16SrRNA-ND1	721	55	Morin et al. (2010)
	ObreMtb2R	GCTACAGCTACCAGAATGGG				This study
11	ObreMtLRb2F	GTGGCAGAGTAAGGCAATTGC	tRNAleu-ND1	906	55	This study
	ObreMt3623R	CAGAGGAGGTGTATTAGCTGGT				This study
12	ObreMtb1F	GCCTAGCTGTCTACTCTATCCT	ND1-ND2	872	57	This study
	ObreMt3976R	CTGTGCTTAGGATGAGGGTTGT				
13	ObreMt19F	CTTTGTGCTACCACACTACACC	tRNAgln-ND2	833	57	This study
	ObreMt4680R	CTCCTATGGAGAGTAGAGTGAGT				
14	ObreMt4537F	CCAACCCCTCACCTTACTAAACC	ND2-tRNAcys	750	57	This study
	ObreMtb18R	GCCAAGTCCTGTAGTGAATAATCA				
15	ObreMtb3F	GATACATCTCCCACGAACCTTTAG	tRNAasn-CO1	590	57	This study
	ObreMtCO1R	ACAGTTCAGCCTGTACCTGCG				
16	ObreMt5640F	CCTGACATAGCATTCCTCGTC	CO1	904	60	This study
	ObreMt6544R	GTGGGAATCAGTGGACAAAACCTC				
17	ObreMt6336F	TGACTGGCAACACTTCACGGA	CO1-tRNAser	615	53	This study
	ObreMt19R	GTTATGATGTTGGCTTGAAACC				
18	ObreMtLR4.1F	GTCCACCACCATAACCACACATTC	CO1-CO2	705	57	This study
	ObreMt7565R	GAATTGCGTCTGTTTTAGGCCTA				This study
19	ObreMt6F	TACAAGACGCAGCATCACCCG	CO2-tRNAlys	695	58	This study
	ObreMt18R	GGGAGTTTATACCTCCCAATCTTTA				
20	ObreMtA8F	GTGGCTCAAATCACAGCTTTATAC	CO2-ATP6	806	57	This study
	ObreMt8467R	GTAATAGGTGACCTGCTGTGATGT				
21	ObreMt7F	CCTTCTCGGAATATTACCTCACTCA	ATP6-CO3	770	57	This study
	ObreMt8991R	GTGGTCAGGAACCTCCTAGTT				
22	ObreMt8815F	CTAACAATATACCAATGATGACGAG				
	ObreMt20R	ACTGATTGGAAGTCAGTTGTAC	COX3-tRNAgly	652	53	This study
23	ObreMtLR4.2F	GCCCCATTACAATCTCAGAC	COX3-tRNAarg	677	53	This study
	ObreMt22R	AGTCTAGTGGGTCGAAATCAC				This study

Table S1 (Continued) MtDNA primers used in this study

ID	Primer Name	Primer Sequence (5'-3')	Gene	PCR product size (bp)	Ta (°C)	Reference
24	ObreMt21F	GCCCTTATGAATGTGGCTTTG	ND3-ND4	840	55	This study
	ObreMt10456R	AGGAGGTGAGATTGGCTTGCTA				
25	ObreMt9F	CTCATACCCCTGACTTGATTATC	ND4	721	56	This study
	ObreMt10973R	AGGCTATGTGTTCTGTAAAGGGGTTA				
26	ObreMt10863F	CTCTGATTACCTAAAGCACACGTA	ND4-tRNA ^{ser}	830	57	This study
	ObreMt21R	AGTATGGGGCGCATGAATTAGC				
27	ObreMt22F	CATTCCTCTCCTACTCCTATCACT	ND4-ND5	515	57	This study
	ObreMt12060R	GTGCTACGGGTATAAATATGAGTG				
28	ObreMt11967F	CCACACAAACCAAGAAATACTCATC	ND5	764	57	This study
	ObreMt12731R	CTAGTGTTGTCATTATTAGGCCAAG				
29	ObreMt11F	CGTATCGGAGACATTGGATTCTT	ND5	671	57	This study
	ObreMt13000R	AGGCGTTGGTATAAGACGAAGTG				
30	ObreMt12932F	GCTTCGCACTAACAGGAATACC	ND5-ND6	683	58	This study
	ObreMt23R	GGTTATTATGGAGATTACTCGGGG				
31	ObreMt12F	CAGCTCTCATTCAACTAAAAGCC	ND6-CB	761	55	This study
	ObreMt14261R	GATGGAGTGGGTAGGTCAATGA				

PCR = polymerase chain reaction; Ta = annealing temperature

Table S2 Sequences used in this study

Sequence	Accession number	Reference
<i>Orcaella brevirostris</i> (Mitogenome)	JF289177	NCBI
<i>Orcinus orca</i> (Mitogenome)	NC019591	database
<i>Delphinus capensis</i> (Mitogenome)	EU557094	
<i>Stenella coerueloalba</i> (Mitogenome)	EU557097	
<i>Tursiops aduncus</i> (Mitogenome)	MG762974	
<i>Tursiops truncatus</i> (Mitogenome)	NC012059	
<i>Stenella longirostris</i> (Mitogenome)	NC032301	
<i>Lagenorhynchus albirostris</i> (Mitogenome)	MT410901	
<i>Grampus griseus</i> (Mitogenome)	EU557095	
<i>Delphinapterus leucas</i> (Mitogenome)	KY444734	
<i>Phocoena phocoena</i> (Mitogenome)	MT948111	
<i>Megaptera novaeangliae</i> (Mitogenome)	MF409246	
<i>Monodon monoceros</i> (Mitogenome)	MF409246	
<i>Orcaella heinshohni</i> (Mitogenome)	NC023889	
ObrOc2, ObrML2, ObrML4 (Control region)	GQ851929, GQ507772, GQ507774	Jayasankar et al. (2011)
ObrT2, ObrT6, ObrT10, ObrT11, ObrT14, ObrT17, ObrT19, ObrT20, ObrM14, ObrM26, ObrM27 (Control region)	MG703238 - MG703248	Caballero et al. (2019)
Haplotype 1 to Haplotype 11 (Control region)	GQ922337 - GQ922341	Beasley et al. (2005)
Obr1 to Obr 40 (Control region)	MT738330 - MT738361	Dai et al. (2021)