

Supplementary material for

Dwarf minke whales from the South Pacific share a matrilineal lineage distinct from *Balaenoptera acutorostrata acutorostrata* and *B. a. scammoni*

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Table S1. GenBank accession numbers for minke whale mtDNA sequences.

MtDNA marker	Taxon	Ocean basin/Region	GenBank	
Control Region (CR)	<i>B. a. acutorostrata</i>	NA	EF113870 – EF113895	
	<i>B. a. scammoni</i>	ENP	EF113824; EF113827; EF113828	
		JS	EF113825; EF113826; EF113858	
		WNP	EF113829 – EF113857	
		GBR	TBD	
	Dwarf minke whale	WSP	EF113862 – EF113869; DQ145048; EU285375	
		WSA	EF113859 – EF113861; FJ905903 – FJ905904	
		Antarctic	EF113709 – EF113823	
	Cyt <i>b</i>	<i>B. a. acutorostrata</i>	NA	AJ554054; AP006468; X75753
		<i>B. a. scammoni</i>	Russia	KT581987
Dwarf minke whale		GBR	TBD*	
<i>B. bonaerensis</i>		Antarctic	X75581	

Table S2. Number of shared minke whale mtDNA haplotypes across ocean basins

Haplotype number	No. occurrences	mtDNA CR sequences	Ocean basin	Taxon
Hap_1	6	WSP154 MS002 MS010 MS022 MS007 MS006	Great Barrier Reef + Western South Pacific	Dwarf minke whale
Hap_2	7	WSP158 WSP156 WSP160 MS001 MS012 MS004 MS018	Great Barrier Reef + Western South Pacific	Dwarf minke whale
Hap_3	4	WSP161 MS016 WSP159 MS019	Great Barrier Reef + Western South Pacific	Dwarf minke whale
Hap_4	3	MS008 WSP157 MS017	Great Barrier Reef + Western South Pacific	Dwarf minke whale
Hap_5	3	WSP155 MS014 MS015	Great Barrier Reef + Western South Pacific	Dwarf minke whale
Hap_6	1	WSA152	Western South Atlantic	Dwarf minke whale
Hap_7	1	NA170	North Atlantic	<i>B. a.</i> <i>acutorostrata</i>
Hap_8	1	NA177	North Atlantic	<i>B. a.</i> <i>acutorostrata</i>
Hap_9	1	NA178	North Atlantic	<i>B. a.</i> <i>acutorostrata</i>
Hap_10	1	NZ188	Western South Pacific	Dwarf minke whale
Hap_11	1	ENP116	Eastern North Pacific	<i>B. a. scammoni</i>
Hap_12	1	WNP126	Western North Pacific	<i>B. a. scammoni</i>
Hap_13	1	WNP137	Western North Pacific	<i>B. a. scammoni</i>
Hap_14	1	WNP146	Western North Pacific	<i>B. a. scammoni</i>
Hap_15	1	WNP131	Western North Pacific	<i>B. a. scammoni</i>
Hap_16	1	WNP148	Western North Pacific	<i>B. a. scammoni</i>
Hap_17	1	WNP142	Western North Pacific	<i>B. a. scammoni</i>
Hap_18	1	WNP143	Western North Pacific	<i>B. a. scammoni</i>
Hap_19	1	JS117	Japan Sea	<i>B. a. scammoni</i>
Hap_20	2	JS118 WNP134	Japan Sea + Western North Pacific	<i>B. a. scammoni</i>
Hap_21	1	WNP129	Western North Pacific	<i>B. a. scammoni</i>

Hap_22	1	WNP121	Western North Pacific	<i>B. a. scammoni</i>
Hap_23	1	WNP123	Western North Pacific	<i>B. a. scammoni</i>
Hap_24	1	ENP119	Eastern North Pacific	<i>B. a. scammoni</i>
Hap_25	1	ENP120	Eastern North Pacific	<i>B. a. scammoni</i>
Hap_26	1	WNP124	Western North Pacific	<i>B. a. scammoni</i>
Hap_27	1	WNP147	Western North Pacific	<i>B. a. scammoni</i>
Hap_28	1	WNP122	Western North Pacific	<i>B. a. scammoni</i>
Hap_29	1	WNP127	Western North Pacific	<i>B. a. scammoni</i>
Hap_30	1	WNP138	Western North Pacific	<i>B. a. scammoni</i>
Hap_31	1	WNP136	Western North Pacific	<i>B. a. scammoni</i>
Hap_32	1	WNP125	Western North Pacific	<i>B. a. scammoni</i>
Hap_33	1	WNP132	Western North Pacific	<i>B. a. scammoni</i>
Hap_34	1	WNP140	Western North Pacific	<i>B. a. scammoni</i>
Hap_35	1	WNP144	Western North Pacific	<i>B. a. scammoni</i>
Hap_36	1	WNP128	Western North Pacific	<i>B. a. scammoni</i>
Hap_37	2	NA162 NA171	North Atlantic	<i>B. a. acutorostrata</i>
Hap_38	1	NA166	North Atlantic	<i>B. a. acutorostrata</i>
Hap_39	1	NA173	North Atlantic	<i>B. a. acutorostrata</i>
Hap_40	1	NA174	North Atlantic	<i>B. a. acutorostrata</i>
Hap_41	1	NA172	North Atlantic	<i>B. a. acutorostrata</i>
Hap_42	1	NA176	North Atlantic	<i>B. a. acutorostrata</i>
Hap_43	1	NA175	North Atlantic	<i>B. a. acutorostrata</i>
Hap_44	1	NA130	North Atlantic	<i>B. a. acutorostrata</i>
Hap_45	1	JS150	Japan Sea	<i>B. a. scammoni</i>
Hap_46	2	WNP133 WNP139	Western North Pacific	<i>B. a. scammoni</i>
Hap_47	1	WNP149	Western North Pacific	<i>B. a. scammoni</i>
Hap_48	1	WNP135	Western North Pacific	<i>B. a. scammoni</i>

Hap_49	1	WNP145	Western North Pacific	<i>B. a. scammoni</i>
Hap_50	1	WNP141	Western North Pacific	<i>B. a. scammoni</i>
Hap_51	1	WSA151	Western South Atlantic	Dwarf minke whale
Hap_52	1	WSA153	Western South Atlantic	Dwarf minke whale
Hap_53	1	NA163	North Atlantic	<i>B. a. acutorostrata</i>
Hap_54	1	NA164	North Atlantic	<i>B. a. acutorostrata</i>
Hap_55	1	NA183	North Atlantic	<i>B. a. acutorostrata</i>
Hap_56	1	NA184	North Atlantic	<i>B. a. acutorostrata</i>
Hap_57	1	NA168	North Atlantic	<i>B. a. acutorostrata</i>
Hap_58	1	NA185	North Atlantic	<i>B. a. acutorostrata</i>
Hap_59	1	NA186	North Atlantic	<i>B. a. acutorostrata</i>
Hap_60	1	NA187	North Atlantic	<i>B. a. acutorostrata</i>
Hap_61	1	NA165	North Atlantic	<i>B. a. acutorostrata</i>
Hap_62	1	NA169	North Atlantic	<i>B. a. acutorostrata</i>
Hap_63	1	NA180	North Atlantic	<i>B. a. acutorostrata</i>
Hap_64	1	NA182	North Atlantic	<i>B. a. acutorostrata</i>
Hap_65	1	NA179	North Atlantic	<i>B. a. acutorostrata</i>
Hap_66	1	NA181	North Atlantic	<i>B. a. acutorostrata</i>
Hap_67	1	NA167	North Atlantic	<i>B. a. acutorostrata</i>
Hap_68	3	MS020 MS009 TG189	Great Barrier Reef + Western South Pacific	Dwarf minke whale
Hap_69	1	MS011	Great Barrier Reef	Dwarf minke whale
Hap_70	1	MS023	Great Barrier Reef	Dwarf minke whale
Hap_71	2	MS005 MS013	Great Barrier Reef	Dwarf minke whale
Hap_72	1	CHP190	Western South Atlantic	Dwarf minke whale
Hap_73	1	AP191	Western South Atlantic	Dwarf minke whale