

Mitochondrial Variation of Bottlenose Dolphins (*Tursiops truncatus*) from the Canary Islands Suggests a Key Population for Conservation with High Connectivity within the North-East Atlantic Ocean

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Table S1. Detailed sampling data of bottlenose dolphins from the Canary Islands. New haplotypes from this study are marked in bold. New haplotype numeration follows date of sampling (CAN1 is the oldest and CAN15 the most recent to date)

N	Sample	Type	Date	Locality	Haplotype	Accession Number
1	CET0296	Stranding	11/5/05	Gran Canaria	CAN1	OQ656769
2	CET0635	Stranding	18/11/12	Gran Canaria	CAN4	OQ656772
3	CET0724	Stranding	23/7/14	Gran Canaria	Ttrunc12	KF650794
4	CET1200	Stranding	4/11/21	Gran Canaria	Ttrunc45	KF650827
5	CET0311	Stranding	18/9/05	Fuerteventura	CAN2	OQ656770
6	CET1133	Stranding	31/10/20	Fuerteventura	Ttrunc46	KF650828

High Connectivity of Canarian Bottlenose Dolphins

7	CET0564	Stranding	22/3/11	Lanzarote	CAN3	OQ656771
8	CET0305	Stranding	18/7/05	Lanzarote	BSEA6	KF570328
9	CET0595	Stranding	3/12/11	Lanzarote	Ttrunc12	KF650794
10	CET0640	Stranding	20/12/12	Lanzarote	Ttrunc49	KF650831
11	CET0662	Stranding	2/5/13	Tenerife	CAN5	OQ656773
12	CA_Ttr02_120721	Biopsy	12/7/21	Tenerife	CAN5	OQ656773
13	CA_Ttr01_140721	Biopsy	14/7/21	Tenerife	CAN6	OQ656774
14	CET1209	Stranding	31/1/22	Tenerife	CAN6	OQ656774
15	CA_Ttr04_130422	Biopsy	13/4/22	Tenerife	CAN7	OQ656775
16	CA_Ttr01_160422	Biopsy	16/4/22	Tenerife	CAN9	OQ656777
17	CA_Ttr02_120422	Biopsy	12/4/22	Tenerife	CAN11	OQ656779
18	CA_Ttr02_130422	Biopsy	13/4/22	Tenerife	CAN12	OQ656780
19	CA_Ttr03_150422	Biopsy	15/4/22	Tenerife	CAN13	OQ656781
20	CA_Ttr05_150422	Biopsy	15/4/22	Tenerife	CAN14	OQ656782
21	CA_Ttr03_160422	Biopsy	16/4/22	Tenerife	CAN15	OQ656783
22	CA_Ttr02_160422	Biopsy	16/4/22	Tenerife	TT016	DQ073656
23	CA_Ttr02_150422	Biopsy	15/4/22	Tenerife	TT027	DQ073667
24	CET0526	Stranding	29/3/10	Tenerife	Ttrunc2	KF650784
25	CET0407	Stranding	18/1/08	Tenerife	Ttrunc7	KF650789
26	CET0903	Stranding	2/4/18	Tenerife	Ttrunc7	KF650789

27	CA_Ttr01_130422	Biopsy	13/4/22	Tenerife	Ttrunc7	KF650789
28	CET1042	Stranding	23/11/19	Tenerife	Ttrunc9	KF650791
29	CA_Ttr03_130422	Biopsy	13/4/22	Tenerife	Ttrunc9	KF650791
30	CA_Ttr01_120422	Biopsy	12/4/22	Tenerife	Ttrunc11	KF650793
31	CA_Ttr03_120422	Biopsy	12/4/22	Tenerife	Ttrunc11	KF650793
32	CET0450	Stranding	13/5/08	Tenerife	Ttrunc13	KF650795
33	CA_Ttr01_110721	Biopsy	11/7/21	Tenerife	Ttrunc13	KF650795
34	CA_Ttr01_140422	Biopsy	14/4/22	Tenerife	Ttrunc13	KF650795
35	CA_Ttr03_140422	Biopsy	14/4/22	Tenerife	Ttrunc13	KF650795
36	CA_Ttr01_150422	Biopsy	15/4/22	Tenerife	Ttrunc13	KF650795
37	CA_Ttr02_140422	Biopsy	14/4/22	Tenerife	Ttrunc27	KF650809
38	CA_Ttr01_250721	Biopsy	25/7/21	La Gomera	CAN7	OQ656775
39	CA_Ttr03_080921	Biopsy	8/9/21	La Gomera	CAN7	OQ656775
40	CA_Ttr01_290721	Biopsy	29/7/21	La Gomera	CAN8	OQ656776
41	CA_Ttr03_060921	Biopsy	6/9/21	La Gomera	CAN9	OQ656777
42	CA_Ttr01_080921	Biopsy	8/9/21	La Gomera	CAN10	OQ656778
43	CA_Ttr02_060921	Biopsy	6/9/21	La Gomera	TT016	DQ073656
44	CA_Ttr04_060921	Biopsy	6/9/21	La Gomera	TT016	DQ073656
45	CA_Ttr02_070921	Biopsy	7/9/21	La Gomera	TT027	DQ073667
46	CET0730	Stranding	11/10/14	La Gomera	Ttrunc11	KF650793

High Connectivity of Canarian Bottlenose Dolphins

47	CA_Ttr02_080921	Biopsy	8/9/21	La Gomera	Ttrunc11	KF650793
48	CA_Ttr01_070921	Biopsy	7/9/21	La Gomera	Ttrunc13	KF650795
49	CA_Ttr01_040921	Biopsy	4/9/21	La Gomera	Ttrunc46	KF650828

Table S2. Comparison of genetic diversity indexes of Biopsies and Stranding samples in bottlenose dolphins from the Canary Islands including sample size (n), segregating sites (S), number of haplotypes (N_h), number of unique haplotypes (h), haplotype diversity (H_d), nucleotide diversity (π), and average number of nucleotide differences (k). SD = standard deviation.

Type	n	S	N_h	H_d (SD)	π	k
Biopsy	31	36	19	0.955 (0.020)	0.01564	9.916
Stranding	18	36	16	0.987 (0.023)	0.01625	10.320
