Supplementary material from:
Morteo, E., Cuevas-Córdoba, B., Hernández-Candelario, I., Delfín Alfonso, C A., Islas Villanueva, V., & Wilcox Talbot, L. A. W. (2026). Molecular identification of a fin whale stranded in Veracruz, southern Gulf of Mexico. *Latin American Journal of Aquatic Mammals, 21*(2), 82-90. https://doi.org/10.5597/lajam00373

Supplementary Material 1



Figure S1. Sequence quality assessment, taxonomic identification, and alignment of mitochondrial control region sequences. Per-base Phred quality scores for the four Sanger chromatograms (forward and reverse reads of the 5' and 3' amplicons).

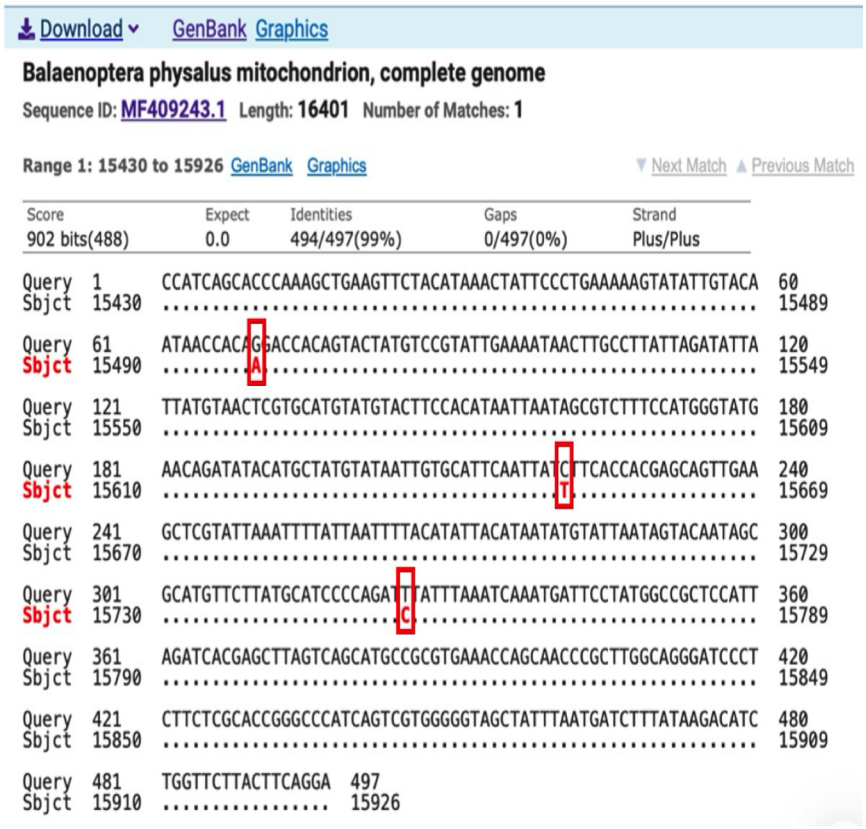


Figure S2. Representative BLAST alignment of the quality-trimmed 5' Sanger sequence (497 bp) against *B. physalus* reference MF409243.1. Red boxes indicate the three nucleotide substitutions between the query sequence and reference.

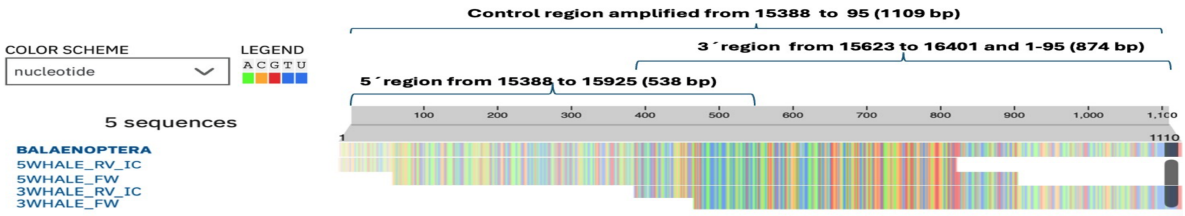


Figure S3. Multiple alignment and positioning of the four bidirectional sequences across the linearized circular mitochondrial genome of *Balaenoptera physalus* (GenBank accession MF409243.1), showing coverage of a 1109 bp consensus region spanning positions 15388 – 16401 and 1 - 95 of the mitochondrial control region.

Table S1. GenBank Accession numbers of sequences employed to construct the population tree with Ocean Basin sample origin. We used a humpback whale (*Megaptera novaeangliae*) outgroup sequence (GenBank accession NC_006927.1). Fin whale sequences were taken from: Archer FI, Morin PA, Hancock-Hanser BL, Robertson KM, Leslie MS, Bérubé M, et al. (2013) Mitogenomic Phylogenetics of Fin Whales (*Balaenoptera physalus spp.*): Genetic Evidence for Revision of Subspecies. PLoS ONE 8(5): e63396. https://doi.org/10.1371/journal.pone.0063396

GenBank Accession No.	**Tree ID**	**Ocean Basin**
KC572860	NAtl_01	North Atlantic
KC572859	NAtl_02	North Atlantic
KC572858	NAtl_03	North Atlantic
KC572857	NAtl_04	North Atlantic
KC572856	NAtl_05	North Atlantic
KC572829	NAtl_06	North Atlantic
KC572828	NAtl_07	North Atlantic
KC572827	NAtl_08	North Atlantic
KC572826	NAtl_09	North Atlantic
KC572825	NAtl_10	North Atlantic
KC572714	NAtl_11	North Atlantic
KC572709	NAtl_12	North Atlantic
KC572708	NAtl_13	North Atlantic
KC572854	SHem_01	Southern Hemisphere
KC572853	SHem_02	Southern Hemisphere
KC572852	SHem_03	Southern Hemisphere
KC572851	SHem_04	Southern Hemisphere
KC572850	SHem_05	Southern Hemisphere
KC572849	SHem_06	Southern Hemisphere
KC572848	SHem_07	Southern Hemisphere
KC572847	SHem_08	Southern Hemisphere
KC572846	SHem_09	Southern Hemisphere
KC572845	SHem_10	Southern Hemisphere
KC572844	SHem_11	Southern Hemisphere
KC572843	SHem_12	Southern Hemisphere
KC572842	SHem_13	Southern Hemisphere
KC572841	SHem_14	Southern Hemisphere
KC572840	SHem_15	Southern Hemisphere
KC572839	SHem_16	Southern Hemisphere
KC572838	SHem_17	Southern Hemisphere

KC572837	SHem_18	Southern Hemisphere
KC572836	SHem_19	Southern Hemisphere
KC572835	SHem_20	Southern Hemisphere
KC572834	SHem_21	Southern Hemisphere
KC572833	SHem_22	Southern Hemisphere
KC572832	SHem_23	Southern Hemisphere
KC572831	SHem_24	Southern Hemisphere
KC572830	SHem_25	Southern Hemisphere
KC572806	SHem_26	Southern Hemisphere
KC572805	SHem_27	Southern Hemisphere
KC572804	SHem_28	Southern Hemisphere
KC572803	SHem_29	Southern Hemisphere
KC572802	SHem_30	Southern Hemisphere
KC572801	SHem_31	Southern Hemisphere
KC572800	SHem_32	Southern Hemisphere
KC572799	SHem_33	Southern Hemisphere
KC572798	SHem_34	Southern Hemisphere
KC572797	SHem_35	Southern Hemisphere
KC572796	SHem_36	Southern Hemisphere
KC572795	SHem_37	Southern Hemisphere
KC572794	SHem_38	Southern Hemisphere
KC572793	SHem_39	Southern Hemisphere
KC572792	SHem_40	Southern Hemisphere
KC572791	SHem_41	Southern Hemisphere
KC572782	SHem_42	Southern Hemisphere
KC572745	SHem_43	Southern Hemisphere