



ILLINOIS

UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN

Zoological Pathology Program Molecular Diagnostic Laboratory

Accession Number: 11-64S

Report Date: 5/3/2012

Institution: NOAA

Contact: Dr. Teri Rowles

Address: 1315 East-West Hwy
Silver Spring MD
20910

Species: *Tursiops truncatus*

ID # MRB-20110315-LA001

House Name:

Other ID:

Sample type: lung

Tests Requested: Brucella DNA sequencing

Test Results: Positive

Comments: Two partial sequences (703 and 724 bp) of the OMP2 gene are consistent with *Brucella* spp. (99% sequence similarity) and confirms the presence of *Brucella* DNA in this sample. These sequences are up to 99% similar to *B. pinnipedialis* and 92% similar to fragments of *B. ceti* (complete sequence not available for comparison).



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Contact: Dr. Teri Rowles

Address: 1315 East-West Hwy
Silver Spring MD
20910

Species: *Tursiops truncatus*

ID # MRB-20110315-LA001

House Name:

Other ID:

Sample type: lung LN

Tests Requested: Brucella DNA Sequencing

Test Results: Positive

Comments: Partial sequence (703 bp) of the OMP2 gene is consistent with *Brucella* spp. (99% sequence similarity) and confirms the presence of *Brucella* DNA in this sample. This sequence is up to 99% similar to *B. pinnipedialis*. Homologous sequence fragments from *B. ceti* are not available in GenBank for comparison.