

COI Species Report



Cell line: MCA-B1

ACC-No.: 828

Lot-No.: -

Date of analysis: 11.07.2018

DNA processing number: 14760

Methode: DNA Barcoding by PCR amplification of 5' coding region of cytochrome c oxidase I (658 bp fragment size). Cycle sequencing of respective PCR products revealed following assignment upon submission to BOLD (Ratnasingham, S., Hebert, P. D. N. (2007) BOLD: The Barcode of Life Data System (www.Barcodinglife.org). Molecular Ecology Notes, 2007; 7(3): 355-364

Primer:

1x VF1d_t1: ATT TAG GTG ACA CTA TAG TCT CAA CCA ACC ACA ARG AYA TYG G

1x VR1_t1: TAA TAC GAC TCA CTA TAG GGT AGA CTT CTG GGT GGC CAA AGA ATC A

Sequence:

5'-CTCACCCTAGCATATCGGTACTTTATACTTACTATTTGGAGCATGAGCCGGTATAGTAG
GCACTGCCTTGAGCCTCCTCATCCGAGCCGAAGTAGGTCAGCCCGGTACTTTACTAGGTG
ACGATCAAATTTATAATGTCATCGTAACCGCCCATGCTTTCGTAATAATCTTCTTCATAG
TCATGCCCATCATAATTGGGGGCTTTGGAACTGACTAGTGCCGTTAATAATTGGTGCTC
CGGACATGGCATTCCCCGAATAAATAACATGAGCTTCTGACTCCTTCCTCCATCCTTTC
TTCTACTATTAGCATCTTCTATGGTAGAAGCAGGTGCAGGAACGGGATGAACCGTATACC
CCCCACTGGCTGGCAATCTGGCCCATGCAGGAGCATCCGTTGACCTTACAATTTTCTCCT
TACACTTAGCCGGAGTCTCTTCTATTTTAGGGGCAATTAATTTCACTACTATTATCA
ACATAAAACCCCTGCAATATCCCAGTATCAAACCTCCCCTGTTTGTATGATCAGTACTAA
TTACAGCAGTTCTACTCTTACTATCCCTGCCTGTACTGGCTGCTGGAATTACAATACTTT
TAACAGACCGGAATCTTAATACAACATTTTTTGGATCCCGCTGGAGGAGGAGACCCTATCC

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TATATCACACCTATTCTGATTCTCGGCCAAACCAGAGNTCTACCCTATAGTGAGTCGAT

TTAAAAA-3`

Taxonomic Level Taxon Assignment Probability of Placement (%)

Phylum Chordata 100

Class Mammalia 100

Order Carnivora 100

Family Canidae 100

Genus Canis 100

Identification Summary:

Search Result: A species level match could not be made, the queried specimen is likely to be one of the following:

Canis lupus

Canis lupus familiaris

Canis familiaris

Canis lupus pallipes