COI Species Report

Cell line: HEPA 1-6

ACC-No.: 175

Date of analysis: 13.01.2015

DNA processing number:

Methode: DNA Barcoding by PCR amplification of 5Â´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 LepF1_t1: ATT TAG GTG ACA CTA TAG ATT CAA CCA ATC ATA AAG ATA TTG G

1x VF1_t1: ATT TAG GTG ACA CTA TAG TCT CAA CCA ACC ACA AAG ACA TTG G

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

3x VF1i_t1: ATT TAG GTG ACA CTA TAG TCT CAA CCA ACC ANA ANG ANA TNG G

1x LepR1_t1: TAA TAC GAC TCA CTA TAG GGT AAA CTT CTG GAT GTC CAA AAA ATC A

1x VR1d_t1: TAA TAC GAC TCA CTA TAG GGT AGA CTT CTG GGT GGC CRA ARA AYC A

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

3x VR1i_t1: TAA TAC GAC TCA CTA TAG GGT AGA CTT CTG GGT GNC CNA ANA ANC A

Sequence:

5`-TTTKWTTTWWASSGACACTATAGWCTCAACCRRYCAYAARGAYATTGGAACCCTCTATCT

ACTATTCGGAGCCTGAGCGGGAATAGTGGGTACTGCACTAAGTATTTTAATTCGAGCAGA

ATTAGGTCAACCAGGTGCACTTTTAGGAGATGACCAAATTTACAATGTTATCGTAACTGC

CCATGCTTTTGTTATAATTTTCTTCATAGTAATACCAATAATAATTGGAGGCTTTGGAAA

CTGACTTGTCCCACTAATAATCGGAGCCCCAGATATAGCATTCCCACGAATAAATAATAT

AAGTTTTTGACTCCTACCACCATCATTTCTCCTTCTCCTAGCATCATCAATAGTAGAAGC

© DSMZ - All rights reserved

AGGAGCAGGAACAGGATGAACAGTCTACCCACCTCTAGCCGGAAATCTAGCCCATGCAGG

AGCATCAGTAGACCTAACAATTTTCTCCCTTCATTTAGCTGGAGTGTCATCTATTTTAGG

TGCAATTAATTTTATTACCACTATTATCAACATGAAACCCCCAGCCATAACACAGTATCA

AACTCCACTATTTGTCTGATCCGTACTTATTACAGCCGTACTGCTCCTATTATCACTACC

AGTGCTAGCCGCAGGCATTACTATACTACTAACAGACCGCAACCTAAACACAACTTTTCT

TTKATCCCCGCYKGRGGGARGGGGAMCCCATTTCYTCYWMCMRSMWTCYGTKTCKRTTYT

CKKSCMACCTAGA-3`

Taxonomic Level Taxon Assignment Probability of Placement (%)
Phylum Chordata 100
Class Mammalia 100
Order Rodentia 100
Family Muridae 100
Genus Mus 100
Species Mus musculus 100

Identification Summary:

Search Result: The submitted sequence has been matched to **Mus musculus**. This identification is solid unless there is a very closely allied congeneric species that has not yet been analyzed. Such cases are rare.

© DSMZ - All rights reserved