



Client:

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Sample ID: xxxxxxxx

Client Identifier: supplied by client

Sample Description: Bag of intact droppings

Date of Receipt: 27/09/2018

Material Tested: Single dropping chosen for analysis

Determinant	Result	Method	Date of DNA Sequence Analysis
Cytochrome oxidase subunit 1 (COI) DNA sequence	<i>Pipistrellus pygmaeus</i>	DNA extraction from a single dropping followed by PCR amplification of a short fragment of the COI gene, DNA sequencing and comparison to a database of known DNA sequences for species identification	29/09/2018

**Sequence Alignment\***

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Query 1  TGACTGGTTCCACTTATGATCGGAGCCCCCGACATGGCCTTTCCTCGTATAAATAATATG 60
          |
Sbjct 128 TGACTGGTTCCACTTATGATCGGAGCCCCCGACATGGCCTTTCCTCGTATAAATAATATG 187

Query 61  AGTTTCTGACTTCTGCCCCCTTCTTTTCTACTACTACTAGCCTCATCTATAGTGAAGCG 120
          |
Sbjct 188  AGTTTCTGACTTCTGCCCCCTTCTTTTCTACTACTACTAGCCTCATCTATAGTGAAGCG 247

Query 121 GGAGCGGGTACGGGCTGAACAGTCTATCCCCCTCTAGCAGGAAACCT 167
          |
Sbjct 248  GGAGCGGGTACGGGCTGAACAGTCTATCCCCCTCTAGCAGGAAACCT 294

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Identities<sup>5</sup> 167/167 (100%)

Report Prepared by: Dr Helen Rees

Report Issued by:

Dr Ben Maddison

Signed:

Signed:

Position:

Director: Biotechnology

Position:

MD: Biotechnology

Date of preparation:

02/10/2018

Date of issue:

02/10/2018

\*DNA sequence alignment for the test sample (Query) matched to a known sequence (Sbjct).

<sup>5</sup>The identity or percentage match of the two sequences (ideally 100%).