

Customer: Jan Novák, Dlouhá 1, 30000 Plzeň, Czech Republic

Sample:

Sample: 08-12360

Date received: 04.03.2009

Sample type: tissue

Information provided by the customer

Description: Výlet na kokořín

Name of the individual attacked by tick: Jiří Novák

Date of tick removal: 31.01.2009

Date of sampling: 05.03.2009

Result:

Explanation

To species identification, the region coding the 16S subunit of ribosomal RNA (S16 rRNA) was amplified. This region contains conserved and variable regions. The molecular biological method in combination with bioinformatics provides a reliable method for taxonomic classification.

The DNA sample was amplified, followed by direct sequencing of the S16 mRNA mtDNA (Yang et al. 2014). The resulting sequence was compared to the BLAST database to determine the species.

Method: SOPSOP172-mtDNA, direct DNA sequencing

Date of issue: 09.03.2009

Date of testing: 04.03.2009 - 09.03.2009

Approved by: Mgr. Martina Šafrová, Laboratory Manager



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