

## Result certificate #012345

Detection of e3 allele of locus E responsible for dog coat color

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

Sample:

Sample: 21-12345 Date received: 01.02.2021 Sample type: blood

Information provided by the customer

Name: Lassie DEMO Breed: Plemeno

Tattoo number: 1392013 Microchip: 123 456 789 012 345 Reg. number: REGQ12345 Date of birth: 1.1.2020

Sex: female

Date of sampling: 01.02.2021

The identity of the animal has been checked.

Result: e<sup>3</sup> allele absent

## **Explanation**

Presence or absence of e3 allele of locus E (variant c.816\_817del of MC1R gene) was tested. The e3 allele causes a non-standard cream color in Alaskan and Siberian Huskies. The cream color is carried by individuals with genotype e3/e3 and also e1/e3. This test does not refer anything about e1 allele.

Method: SOP188-MPS-canine, MPS, accredited method

Date of issue: 06.02.2021

Date of testing: 01.02.2021 - 06.02.2021

Approved by: Mgr. Martina Šafrová, Laboratory Manager



Genomia is accredited in compliance with ISO/IEC 17025:2018 under #1549 Genomia s.r.o, Republikánská 6, 31200 Plzeň, Czech Republic www.genomia.cz, laborator@genomia.cz, tel: +420 373 749 999

