

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: N/M5

Explanation

Presence of c.578C>T (M5) of FGF5 gene variant influencing coat length in dogs of breeds Akita, Siberian Husky and Samoyed was examined.

Long coat phenotype is inherited in autosomal recessive trait. Dogs with long coat (result M5/M5) carry c.578T (M5) gene variant on both alleles; they inherited M5 from both parents. Individuals N/M5 are carriers of long coat. By mating two N/M5 short coated dogs, 25% M5/M5 long coated offspring can be expected. Dogs with N/N result have short coat and they do not carry any long coat variant.

Method: SOPAgriseq_canine, ngs, 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



Report verification code is: 12AB-CD34-GENO-MIA0-EFGH. You can verify report online at www.genomia.cz

Without a written consent by the lab, the report must not be reproduced unless as a whole.

The result refers only to the tested sample, as received. Genomia is not responsible for the accuracy of the information provided by the customer.