

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: Mutation was not detected (N/N)

Explanation

Presence or absence of c.764A>G mutation in FLCN gene causing Renal Cystadenocarcinoma and Nodular Dermatofibrosis (RCND) in German Shepherds was tested. Renal cystadenocarcinoma is one of the most common tumours in dogs, in German Shepherds it is often associated with nodular dermatofibrosis. The disease is characterized by bilateral multifocal renal tumors, uterine fibroids and nodule formation in the skin consisting of dense collagen fibres.

Mutation that causes RCND is inherited as an autosomal dominant trait. This means that it only takes one copy of the mutated gene inherited from one parent to cause symptoms of the disease (N/P genotype).

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



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.