

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

Sample:

Sample: 08-12346

Date received: 01.01.2008

Sample type: buccal swab

Information provided by the customer

Name: Madame Théophile DEMO

Breed: Persian cat

Date of birth: 31.12.1909

Reg. number: (CZ)ABCD EF 123/45/XYZ

Microchip: 123456789012345

Sex: female

Date of sampling: 01.01.2008

The identity of the animal has been checked.

Result: Based on gene variants examination genotype was determined A/a

Explanation

Presence of gene variant c.123_124delCA ASIP gene (locus A) affecting coat color in cats was tested. The gene, responsible for the regulation of the dark pigment distribution (eumelanin), is called ASIP (Agouti Signalling Protein). Agouti allele is marked A, and this allele is dominant. Agouti colouring appears as changing of dark and light strips in hair (this is called ticking). Allele called „a“ non-agouti is inherited recessively and causes uniform coat color of cat. The a/a individual is colored uniformly and any possible drawing is not visible. Heterozygous animals A/a are carriers of a-allele for uniform colour.

Method: SOPAgriseq_feline, ngs

Date of issue: 06.01.2008

Date of testing: 12.06.2008 - 06.01.2008

Approved by: Mgr. Martina Šafrová, Laboratory Manager



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.