

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: PREVIEW RESULT LINE

Explanation

The presence or absence of gene variants c.53C>T (allele Ti^{CK}) and c.188G>A (allele Ti^A) of DKK4 gene causing ticked coat pattern in cats was tested. In the ticked coat pattern, the individual hairs are striped, but the cat itself has no pattern. To be able to express the ticked pattern, the cat must have the genotype A/A or A/a at the A locus. The tabby pattern can only be expressed in cats that have N/N at the ticked locus.

Variants causing the ticked pattern are inherited in an autosomal dominant trait. Individuals with the result Ti^{CK}/Ti^{CK} , Ti^{CK}/N , Ti^A/Ti^A , Ti^A/N , Ti^{CK}/Ti^A result have the ticked phenotype. Individuals with the result N/N do not carry the ticked pattern.

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



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