

**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: 123 456 789 012 345

Sex: female

Date of sampling: 01.01.2008

The identity of the animal has been checked.

Result: PREVIEW RESULT LINE

**Explanation**

Presence or absence of g.169532844T>C (allele Pd<sup>HW</sup>), g.169532842T>A (allele Pd<sup>UK2</sup>), g.169533066C>G (allele Pd<sup>UK1</sup>) mutations in LMBR1 gene causing Polydactyly in cats was examined. Polydactyly is a congenital defect characterized by an increased number of toes, more often on the front paws, and a change in their shape.

Inheritance of mutations is autosomal dominant with incomplete penetrance and variable expressivity. This means that a single copy of the mutated allele inherited from either parent is sufficient to cause symptoms.

Method: SOPAgriseq\_feline, MPS

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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Report verification code is: 12AB-CD34-GENO-MIA0-EFGH. You can verify report online at [www.genomia.cz](http://www.genomia.cz)

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