

Mrs.
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***** Moscow
Russland

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Report

No.: 1805-W-70329
Date of arrival: 08-05-2018
Date of report: 08-05-2018

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| Patient identification: Dog           Male           * 07.06.17 |
|                               Leonberger          |
| Owner / Animal-ID:      Staroletova, Alla         |
| Type of sample:        Swab                       |
| Date sample was taken:                                     |
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Name: **Dobryi Leonid Vinzor**
Stud book no.: **RKF 5041133**
Chip no.: **---**

Tattoo no.: **NID 24**

Leukoencephalomyelopathy (LEMP) - PCR

Result: Genotype N/LEMP

Interpretation: The examined animal is heterozygous for the causative mutation for LEMP in the NAPEPLD-gene.

Trait of inheritance: autosomal-recessive

Scientific studies found correlation between the mutation and symptoms of the disease in the following breeds: Leonberger

Leonberger Polyneuropathy 2 (LPN2) - PCR

Result: Genotype N/N

Interpretation: The examined animal is homozygous for the wildtype-allele. It does not carry the causative mutation for LPN2 in the GJA9-gene.

Trait of inheritance: autosomal-recessive

Scientific studies found correlation between the mutation and symptoms of the disease in the following breeds: Leonberger

Please note: More causal mutations for neuropathy exist in this breed.

Polyneuropathy (LPN1) - PCR

Result: Genotype N/N

Interpretation: The examined animal is homozygous for the wildtype-allele. It does not carry the causative mutation for LPN1 in the ARHGEF10-gene.

Trait of inheritance: autosomal-recessive

Scientific studies found correlation between the mutation and symptoms of the disease in the following breeds: Leonberger

Please note: More causal mutations for neuropathy exist in this breed.

You have requested a certificate for the ordered genetic testing. Please thoroughly verify the animal and owner data provided to you. Any corrections afterward can only be carried out in accordance with prior written confirmation from the veterinarian. Please note that an extra charge will be invoiced separately upon changes to an already issued certificate.

The current result is only valid for the sample submitted to our laboratory. The sender is responsible for the correct information regarding the sample material. The laboratory can not be made liable. Furthermore, any obligation for compensation is limited to the value of the tests performed.

There is a possibility that other mutations may have caused the disease/phenotype. The analysis was performed according to the latest knowledge and technology.

The laboratory is accredited for the performed tests according to DIN EN ISO/IEC 17025:2005. (except partner lab tests).

*** END of report ***

Hr.LM-Chemiker D. Schindelmann
Abt. Molekularbiologie