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LABOR FÜR KLINISCHE DIAGNOSTIK GMBH & CO. KG

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Ms.
Kelly Robison
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43055 Newark
Vereinigte Staaten von Amerika

Report No.:	**2502-W-716435**
Date of arrival:	05.02.2025
Date of report:	07.02.2025
Testing started:	05.02.2025
Testing completed:	07.02.2025
Status of the report:	Final report

Species:	Dog
Breed:	Miniature Schnauzer
Gender:	Female
Name:	Nature's Nook Shakin' What My Momma Gave Me
Stud book No.:	RN38691402
Chip No.:	900235000136570
Date of birth / Age:	29.10.2022
Type of sample:	Blood card
Date sample was taken:	21.01.2025
Owner / Animal-ID:	ROBISON, KELLY
IT No. / Report-ID:	---

Mycobacterium avium complex sensitivity (MAC) - PCR

Result: Genotype N/N

Interpretation: The examined animal is homozygous for the wildtype allele. It does not carry the causative mutation for MAC in the CARD9 gene.

Trait of inheritance: autosomal recessive

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

Myotonia congenita - PCR

Result: Genotype N/N

Interpretation: The examined animal is homozygous for the wildtype-allele. It does not carry the causative mutation for Myotonia congenita in the CIC-1-gene.

Trait of inheritance: autosomal-recessive

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

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Progressive Retinal Atrophy (Type B1-PRA, HIVEP3) - Miniature Schnauzer - PCR

Result: Genotype N/N

Interpretation: The examined animal is homozygous for the wildtype-allele. It does not carry the associated mutation for PRA in the HIVEP3 gene.

Trait of inheritance: autosomal recessive

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

Charcot-Marie-Tooth Neuropathy (CMT) - PCR

Result: Genotype N/N

Interpretation: The examined animal is homozygous for the wildtype-allele. It does not carry the causal mutation for CMT in the SBF2 gene.

Trait of inheritance: autosomal recessive

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

Comma Defect (Spondylocostal Dysostosis) - PCR

Result: Genotype N/CO

Interpretation: The examined animal is heterozygous for the causative mutation for comma defect in the HES7-gene.

Trait of inheritance: autosomal-recessive

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

Persistant Müllerian Duct Syndrome (PMDS) - PCR

Result: Genotype N/PMDS

Interpretation: The examined animal is heterozygous for the causative mutation for PMDS in the MISRII-gene.

Trait of inheritance: autosomal-recessive

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

The current results are 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 17025:2018. (except partner lab tests).

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Breeding club discounts were granted for discountable services!

These results are based on the sample material submitted to our laboratory.

This was suitable if not stated otherwise. The submitter is responsible for the accuracy of the information regarding the sample. This report can only be transmitted in toto and unchanged. Doing otherwise requires written permission from Laboklin GmbH & Co. KG.

LABOKLIN is an officially accredited laboratory according to DIN EN ISO/IEC 17025:2018, DAkkS No. D-PL-13186-01-01 D-PL-13186-1-02 and D-PL-13186-01-03. The accreditation applies to all test procedures listed in the accreditation certificate.

Fr. MSc Laura Hübner
Abt. Molekularbiologie

***** END of report *****

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