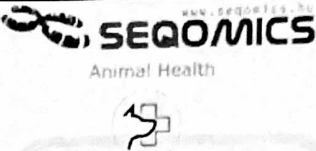


| | | |
|---|---|--|
| SeqOmics Biotechnology Ltd. Vállalkozók útja 7. 6782 Mórahalom Hungary Phone: +36 30 392 3642 E-mail: animalhealth@seqomics.hu | GENETIC TEST INTERPRETATION FORM |  |
| | Reference No.: 911/2020 | |

Owner Information

| | | | |
|------------|--|-----------------|--------------------------------------|
| Last Name: | Silvana | First name: | Vuckovic |
| City: | Sremska Kamenica | Address: | Fruskogorski put 177 |
| Country: | Serbia | ZIP Code: | 21208 |
| Phone: | +381637106029 | E-mail: | silvanas.school.new@gmail.com |
| Club name: | Magyar Retriever és Vízikutya Egyesület | Membership No.: | 111112 |

Dog information

| | | | |
|---------------------|------------------------------|-------------------|--------------------------|
| Registered Name: | Swanavly Silk Shimmer | Registration No.: | JR 708324 ZR |
| Breed: | Golden Retriever | Microchip No.: | 68803 20000 50899 |
| Gender: | Male | Date of Birth: | 18.04.2019 |
| Coat Colour/Length: | White/Medium | Sample No.: | 911/2020 |

Sample Information

| | | | |
|---|--|----------------------------|-------------------|
| Date of sample collection: | 27.05.2020 | Date of sample processing: | 10.06.2020 |
| Sample label: | 688032000050899 | Sample received as: | EDTA-Blood |
| Sample taken by (name of veterinarian): | Dr. Vet. Med. Vesna Gvozdenović | | |

Results

| | |
|------------------------|-----------------|
| GENETIC TEST(S) | GENOTYPE |
| Ichthyosis (ICHT) | N/N |

Genotype Interpretation Form**Genotype N/N CLEAR/NON-AFFECTED**

The clear dog does not carry the mutation (a clear dog has two copies of the normal gene and will not pass on the mutation to their offspring).

Genotype N/A CARRIER

The carrier dog has one copy of the normal form of the gene and one copy of the mutated gene (this is also referred to as being heterozygous), but it will not exhibit disease symptoms. Carriers will not have medical problems as a result. Gene mutation can be transmitted on to half of their offspring. Inform your veterinarian and consult with him/her regarding test result.

Genotype A/A AFFECTED

The affected dog has two copies of the gene mutation (this is also referred to as being homozygous sick). Affected dogs will pass one copy of this mutation on to all of their offspring and should not be used for breeding. Inform your veterinarian and consult with him/her regarding this test result.

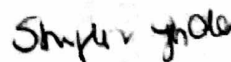
Notes

ICHT: presence or absence of an indel mutation in PNPLA1 gene was determined by sequencing.

Date: 10.06.2020.

Stamp and signature

SEQOMICS Biotechnology Ltd.
Vállalkozók street 7
Mórahalom HU-6782
VAT: HU 14654619



Quality assurance of the laboratory is in compliance with the EN/ISO/CEI 17025:2005 standard.
National Food Chain Safety Office license number: 115/2015/Lab/NEBIH
ISAG ID number of the lab: 118494.

SeqOmics Biotechnology Ltd. cannot take any responsibility for the origin of the shipped samples.
The result is valid only for the submitted sample.

Without a written consent of the laboratory, partial copying of the interpretation form will invalidate it.