


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.: MEOESZ_Ku_48/2021	

Owner Information

Last Name:	Zsóri	First name:	Zsolt
City:	Miskolc	Address:	Testvériség út 67.
Country:	Hungary	ZIP Code:	2146
Phone:	+36206696904	E-mail:	zsori.zsolt@gmail.com

Dog information

Registered Name:	Vértesi Selymes Facér	Registration No.:	MET.Ku. 103/14
Breed:	Kuvasz	Microchip No.:	97227 40001 95174
Gender:	Female	Date of Birth:	10.10.2013
Coat Colour/Length:	White/Medium	Sample No.:	MEOESZ_Ku_48/2021

Sample Information

Date of sample collection:	17.04.2021	Date of sample processing:	18.10.2021
Sample label:	Vértesi Selymes Facér	Sample received as:	EDTA-Blood
Sample taken by (name of veterinarian):	Dr. Hudák Levente		

Results

GENETIC TEST(S)	GENOTYPE
Degenerative myelopathy exon-2 (DM-exon2)	N/N
Progressive retinal atrophy (PRA-prcd)	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

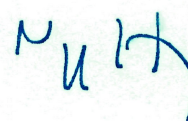
DM-exon2: presence or absence of the c.118G>A mutation in SOD1 gene was determined by sequencing.

PRA-prcd: presence or absence of the c.5G>A mutation in PRCD gene was determined by sequencing.

Date: 20.10.2021

Stamp and signature:

SEQOMICS Biotechnology Ltd.
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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/NÉBIH

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.