


SeqOmics Biotechnology Ltd. 6782 Mórahalom Vállalkozók útja 7. Hungary Tel: +36-30-427-6152 Email: animalhealth@seqomics.hu	GENETIC TEST INTERPRETATION FORM	
	<i>Reference No.: 968/2016</i>	

OWNER INFORMATION

First Name:	Bettina	Last Name:	Kis
Address:	Ady Endre u. 21.	City:	Mátraderecske
Country:	Hungary	Zip Code:	3246
Phone:	06 30 754 68 83	Email:	beautyofmatra@gmail.com

DOG INFORMATION

Registered Name:	Beauty of Mátra Melody	Registration No.:	MET. Border Col. 777/15
Breed:	Border Collie	Microchip No.:	953000010235783
Gender:	Female	Date of Birth:	14.10.2015.
Coat Colour / Length:	Black and white / Long	Sample No.:	968/2016

SAMPLE INFORMATION*

Date of sample collection:	30.08.2016.	Date of sample processing:	31.08.2016.
Sample label:	Melody	Sample received as:	EDTA-blood
Sample taken by (name of the veterinarian):	dr. Marianna Kis		

RESULTS

GENETIC TEST/S	GENOTYPE
Collie Eye Anomaly (CEA)	N/A

GENOTYPE INTERPRETATION FORM

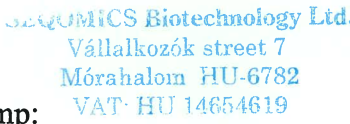
Genotype NN – CLEAR NON-AFFECTED: The clear dog do not carry the mutation (a clear dog has two copies of the normal gene, and will not pass on the mutation to their offspring).

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 that 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 this 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

The presence or absence of a 7.8 kb del mutation in NHEJ1 gene was investigated by sequencing.

		
Date:	Stamp:	Signature:

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

Assay in the phase of testing, hence non-official result

*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.