



SeqOmics Biotechnology Ltd. Vállalkozók útja 7. 6782 Mórahalom Hungary Phone: +36 30 392 3642 E-mail: animalhealth@seqomics.hu	GENETIC TEST INTERPRETATION FORM	 SEQOMICS <small>www.seqomics.hu</small> Animal Health 
	<i>Reference No.: 1327/2017</i>	

Owner Information

Last Name:	Jedlicska	First name:	Jevgenija
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Dog information

Registered Name:	Afrikan Makwangwala Abubakar Jelani To	Registration No.:	Met.Rhod.R.32/H/16.
Breed:	Rhodesian Ridgeback	Microchip No.:	90008 50001 63718
Gender:	Male	Date of Birth:	06.04.2015
Coat Colour/Length:	Red/Short	Sample No.:	1327/2017

Sample Information

Date of sample collection:	11.10.2017	Date of sample processing:	02.10.2020
Sample label:	Maxim	Sample received as:	EDTA-Blood
Sample taken by (name of veterinarian):	Dr.Papp Antal		

Results

GENETIC TEST(S)	GENOTYPE
D-locus: Coat color dilution (Loc-D)	D/D

Genotype Interpretation Form for Loc-D

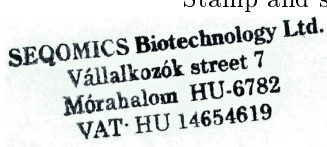
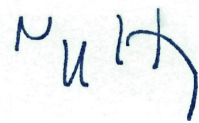
Genotype D/D
The dog carries both copies of the dominant **D** allele (this dog will always pass on the **D** allele to any offspring). The dog does not carry dilute.

Genotype D/d
The dog has one copy of the dominant **D** allele and one copy of the mutated gene (gene mutation can be transmitted on to half of their offspring). The dog is a dilute carrier.

Genotype d/d
The dog has two copies of the mutated gene (gene mutation will always be transmitted to any offspring). The dog has dilute phenotype.

Notes

Loc-D: presence or absence of the c.-22G>A mutation in MLPH gene was determined by sequencing.
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Date: 02.10.2020	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/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.