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| SeqOmics Biotechnology Ltd.<br>Vállalkozók útja 7.<br>6782 Móralsádom<br>Hungary<br>Phone: +36 30 362 3642<br>E-mail: animalhealth@seqomics.hu | <b>GENETIC TEST<br/>INTERPRETATION<br/>FORM</b> |  |  |
|  | Reference No.: 1464/2022                        |  |   |

### Owner Information

|            |              |             |                    |
|------------|--------------|-------------|--------------------|
| Last Name: | Szöke        | First name: | Tímea              |
| City:      | Nagyberki    | Address:    | Kisberki u. 5.     |
| Country:   | Hungary      | ZIP Code:   | 7255               |
| Phone:     | +36304356960 | E-mail:     | khyannes@yahoo.com |

### Dog information

|                     |                            |                   |                    |
|---------------------|----------------------------|-------------------|--------------------|
| Registered Name:    | Khyannes Dynamite          | Registration No.: | Met SZK As.6499/18 |
| Breed:              | English Setter             | Microchip No.:    | 92900 00109 29220  |
| Gender:             | Female                     | Date of Birth:    | 25.04.2018         |
| Coat Colour/Length: | Liver- Belton And Tan/Long | Sample No.:       | 1454/2022          |

### Sample Information

|   |                  |                            |            |
|---|------------------|----------------------------|------------|
| Date of sample collection:              | 13.06.2022       | Date of sample processing: | 21.06.2022 |
| Sample label:                           | Dynamite         | Sample received as:        | EDTA-Blood |
| Sample taken by (name of veterinarian): | Dr. Turgán Ágnes |                            |            |

### Results

| GENETIC TEST(S)   |  | GENOTYPE |
|---|--|----------|
| Progressive retinal atrophy - rod-cone dysplasia type 4 (Setters and other breeds) (PRA-rcd4) |  | N/N      |

### Genotype Interpretation Form

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| <p><b>Genotype N/N - CLEAR/NON-AFFECTED</b></p> <p>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).</p> <p><b>Genotype N/A - CARRIER</b></p> <p>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.</p> <p><b>Genotype A/A - AFFECTED</b></p> <p>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.</p> |
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### Notes

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| PRA-rcd4: presence or absence of the c.3149_3150insC mutation in C2orf71 was determined by sequencing. |
|--|

Date: 21.06.2022

Stamp and signature:

SeqOmics Biotechnology Ltd.  
 Vállalkozók útja 7.  
 Móralsádom 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/NEHH  
 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.