



GENETIC CERTIFICATE

Ms Eva-liz AANDAL

Brøstadveien 118
9311 Brøstadbotn
NORWAY

Name : **Soltrollets Power Tetryl**

Breed : **Golden Retriever**

ID Number : **578 098 100 580 728**

Pedigree Number : **No45135/17**

Gender : **Female**

Birth date : **08/06/2017**

Owner :

AANDAL Eva-liz

9311 Brøstadbotn (NO)

Customer Nb : C82886

Sample Number : **546 696** (Authenticated)

Sample type : Blood sample

Sample date : 03/08/2017

Request date : 07/08/2017

Sampler veterinarian :

HAUGENE Lars

9300 Finnsnes (NO)

Official number : **8972/1015451**

File Nu. : 135 559

Animal Number : 162 994

Result code : 275740

Dystrophic Epidermolysis Bullosa (DEB)

Result : **Normal homozygous**

Interpretation : The animal has 2 normal copies of the COL7A1 gene. The animal will not develop the form of Dystrophic Epidermolysis Bullosa associated to the tested mutation. The animal will not transmit the genetic anomaly to its progeny.

Mathilde Verdier
Genetic Analyst

Manon Silvestre
Genetic Analyst

Result established on 11/08/2017

Certificate issued on 11/08/2017

Explanation

This test is specific to Dystrophic Epidermolysis Bullosa in Golden Retriever. This disorder is inherited as an autosomal recessive trait. This test relies on the detection of the c.5716G>A mutation in the COL7A1 gene (Baldeschi et al. 2003). This test can not be used to detect other forms of dystrophic epidermolysis bullosa, nor other hereditary forms of dermatological diseases, nor other dermatological disorders acquired during the life span of the animal.

The laboratory ANTAGENE puts at its disposal all resources and means necessary with regards to reliability, quality assurance, and traceability in order to guarantee a result of 99% accuracy.