



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 : 275739

Neuronal Ceroid Lipofuscinosis (NCL-F)

Result : **Normal homozygous**

Interpretation : The animal has 2 normal copies of the CLN5 gene. The animal will not develop the form of Neuronal Ceroid Lipofuscinosis 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 Neuronal Ceroid Lipofuscinosis in Golden Retriever. This disorder is inherited as an autosomal recessive trait. This test relies on the detection of the c.934_935delAG mutation in the CLN5 gene (Gilliam et al. 2015). This test can not be used to detect other forms of neuronal ceroid lipofuscinosis, nor other hereditary forms of neurological diseases, nor other neurological 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.