

GENETIC CERTIFICATE

Mrs Lone WENDT MOGELTOFT
Tvillingevej 1

2765 Smorum
Danmark

Name : **Evergreen's I-Xtazy**

Breed : **Maine Coon**

Identification Nu : **250 269 802 199 349**
Pedigree Nu : **DK FDLO 216863**

Sex : **Male**
Date of birth : **09/05/13**

Sampler :

(, ,)

Sampler nu. :

Sample not authenticated

Sampling date : 00/00/00

Sampling type : Cheek swab

Sample Nu : **446196**

Receipt date : 02/12/14

Case : 98206 / 58095 / 201410710 - 02/12/14

Reference : 42180 / 0 / 114496

Test : 161259/110228

Result code : 130960

Spinal muscular atrophy

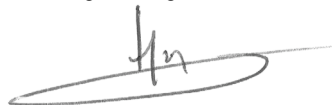
Result : **Normal homozygous**

Tested disease : **Spinal muscular atrophy**

Interpretation : The animal has 2 normal copies of LIX1 gene. The animal will not develop the spinal muscular atrophy. The animal will not transmit the genetic mutation to its progeny.

Result date : 15/12/14

Lina MUSELET
Engineer in genetics



Explanations :

This test is specific to the Maine Coon Spinal Muscular Atrophy (SMA, autosomal recessive disease). This test relies on the detection of the normal form of LIX1 gene and the only defective form known up to date (Fyfe et al. 2006). This test can not be used to detect other forms of hereditary muscular atrophies, nor other inherited neuropathies, nor other neuromuscular disease 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.