

# GENETIC CERTIFICATE

**Mrs/Mr Lone WENDT MOGELTOFT**  
Tvillingevej 1

2765 Smorum  
Danmark

Name : **It\*Leaena Tormento**

Breed : **Maine Coon**

Identification Nu : **981 100 002 801 036**  
Pedigree Nu : **FDLO 210572**

Sex : **Male**  
Date of birth : **18/04/12**

Sampler :

(, , )

Sampler nu. :

**Sample not authenticated**

Sampling date : 00/00/00

Sampling type : Cheek swab

Sample Nu : **403199**

Receipt date : 20/08/13

Case : 82457 / 43092 / 201307067 - 20/08/13

Reference : 42180 / 0 / 93705

Test : 129679/88714

Result code : 101938

## Spinal muscular atrophy

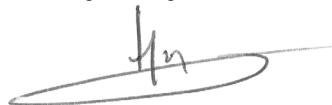
Result : **Normal homozygous**

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 : 30/08/13

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.