

GENETIC CERTIFICATE

Mrs Linda VERBEEK

American Staffordshire Terrier Club Belgium VZW
Schoolbergenstraat 107

3010 Kessel-lo
Belgium

Name : **Blueberry Rebels Gunsmoke**

Breed : **American Staffordshire Terrier**

Identification Nu : **981 100 000 080 407**

Pedigree Nu : **LOSH 1029247**

Sex : **Male**

Date of birth : **16/11/07**

Sampler : **Veterinarian**

Dr DIERENKLINIEK KERBEROS

(Leuven, 3001, Belgium)

Sampler nu. :

Sampling date : 10/05/09

Sampling type : Cheek swab

Sample Nu : **186213**

Receipt date : 20/05/09

Case : 17382 / 7546 / 200902495 - 20/05/09

Reference : 18522 / 21886 / 35251

Test : 42755/ 31610

Result code : 10642

Cerebellar Ataxia

Result : **Heterozygous**

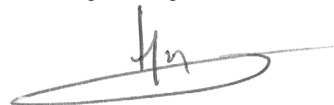
Tested disease : **Cerebellar Ataxia**

Interpretation : The animal has 1 normal copy and 1 defective copy of the implied gene in the Amstaff cerebellar ataxia. The animal will not develop the cerebellar ataxia. Statistically the animal will transmit the genetic anomaly to 50% of its progeny .

Result date : 03/06/09

Lina MUSELET

Engineer in genetics



Explanations :

This test is specific to the cerebellar ataxia in American Staffordshire Terrier (Amstaff), also named cerebellar cortical degeneration or neuronal ceroid lipofuscinosis (NCL). This neurological disorder is inherited as an autosomal recessive trait. This test relies on the detection of the normal form of the gene implied in the Amstaff cerebellar ataxia and the only defective form known up to date. The technology underlying this test is patented world-wide by INRA and ENVA. ANTAGENE has a exclusive international license to provide this test. This one can not be used to detect other forms of ataxia, nor other forms of inherited neurological diseases, nor other neurological ailments acquired during the life span of the animal.