

Breed : American Staffordshire Terrier

Microchip : 941000003255661

Registration : 04652-2009

Owner : Sonya Bennett

Case ID : 20800

Lab ID : DOG38346

Date Printed : 27-Jun-12

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Canine Profile Report

Opourere Delta Dawn At Shasta (Delta) - DOG38346

The following DNA profile is a unique representation of the genetic identification of DOG38346

PEZ01	FHC2054	FHC2010	PEZ05	PEZ20	PEZ12	PEZ03	PEZ06	PEZ08	FHC2079	PEZ16
119	164	241	107	181	279	126	194	242	279	292
119	164	241	115	181	279	129	194	242	283	296

Certified Result

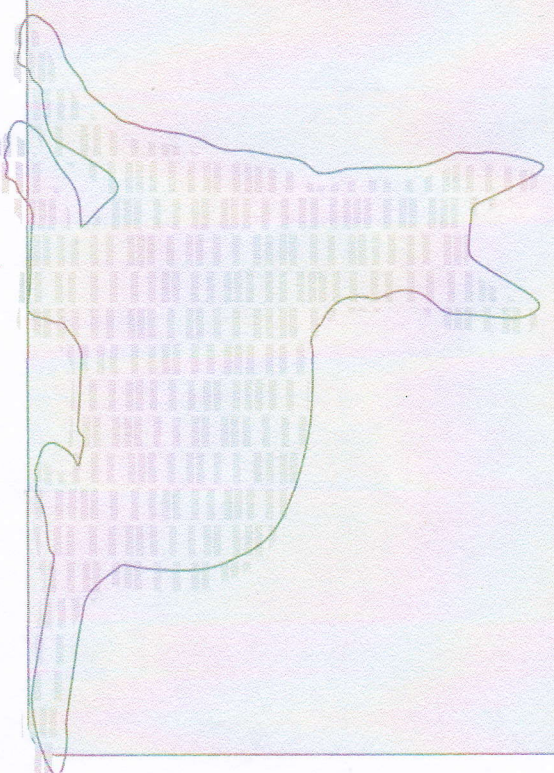
Results reviewed and confirmed by :



Kathy Koskiris BSc
Laboratory Operations Manager

Please visit our website for further details on this DNA test.

www.animalnetwork.com.au



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Canine Parentage Report

Opourene Delta Dawn At Shasta (Delta) - DOG38346

The following DNA profile is a unique representation of the genetic identification of DOG38346

PEZ01	FHC2054	FHC2010	PEZ05	PEZ20	PEZ12	PEZ03	PEZ06	PEZ08	FHC2079	PEZ16
119	164	241	107	181	279	126	194	242	279	292
119	164	241	115	181	279	129	194	242	283	296

In combination, sire DOG38345 (OzzieB IceBlue Watersurf) and dam DOG14172 (Blusky Azulike) QUALIFY as the parents of DOG38346 (Opourene Delta Dawn At Shasta), at the genetic markers examined.

Certified Result

Results reviewed and confirmed by :

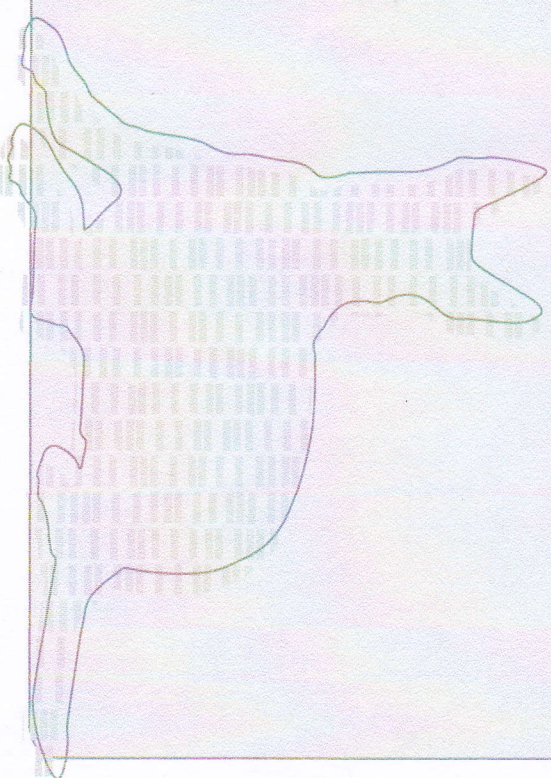


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Laboratory Operations Manager

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GENETIC CERTIFICATE

Mrs Susan DENNIS
PDC Okaihau Northland
475 Whangerie
New Zealand

Name : **Blusky Azulike**

Breed: **American Staffordshire Terrier**

Identification Nu : **978000000770822**

Pedigree Nu: **06951-2006**

Sex : **Female**

Birth's date: **10/05/06**

Sampler: **Veterinarian**
Dr Maren NEWPORT
(Kerikeri, 245, New Zealand)
Sampler Nu:

Sampling date : **07/11/08**
Sample type : **Cheek swab**
Sample Nu : **173515**

Receipt date : **14/11/08**
Case : **13614 / 4139 / 200803843 - 14/11/08**
Reference: **18207 / 18208 / 29197**

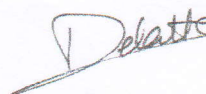
Cerebellar Ataxia (NCL-A)

Neuronal Ceroid Lipofuscinosis

⇒ The dog **Blusky Azulike** is **Normal homozygous** for the cerebelar ataxia in American Staffordshire Terrier

Result established on the 19/11/08 by :

Dr Delphine DELATTRE
PhD in Genetics



The result can be interpreted using the table below, which is based on knowledge of this genetic disease at the date of certificate edition

DNA test results	Genetic status	Will develop the disease ?	Will transmit the genetic anomaly ?
Normal homozygous (clear)	2 normal copies of the gene implied in the Amstaff cerebellar ataxia	NO	NO
Heterozygous (carrier)	1 normal copy and 1 defective copy of the gene implied in the Amstaff cerebellar ataxia	NO	YES statistically to 50% of its progeny
Mutated homozygous (affected)	2 defective copies of the gene implied in the Amstaff cerebellar ataxia	YES	YES to 100% of its progeny

TEST SPECIFICATIONS

Test accuracy: 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

Test reliability

Sensitivity: probability of correct identification of the defective form of the gene implied in the cerebellar ataxia in heterozygous or mutated homozygous dog is higher than 99 %
Specificity: probability of correct identification of the normal form of the gene implied in the cerebellar ataxia in a normal homozygous or heterozygous dog is higher than 99%

SPECIFICATIONS DU TEST

Précision du test: Ce test est spécifique de l'ataxie cérébelleuse du Staffordshire Terrier Américain (Amstaff), également appelée abiotrophie cérébelleuse ou neuronal ceroid lipofuscinosis (NCL). Le mode de transmission de cette neuropathie est autosomal récessif. Ce test repose sur la détection de la forme normale du gène impliqué dans l'ataxie cérébelleuse de l'Amstaff et de la seule forme défectueuse connue à ce jour. La technologie permettant la mise en oeuvre de ce test génétique est brevetée mondialement par l'INRA et l'ENVA. Antagene détient une licence exclusive mondiale pour commercialiser ce test. Celui-ci n'est pas utilisable pour détecter d'autres formes héréditaires d'ataxies, d'autres maladies neurologiques héréditaires ou d'autres affections neurologiques acquises durant la vie de l'animal

Fiabilité du test

Sensibilité: la probabilité d'identification correcte de la forme défectueuse du gène impliqué dans l'ataxie cérébelleuse chez un chien hétérozygote ou homozygote muté est supérieure à 99%
Spécificité: la probabilité d'identification correcte de la forme normale du gène impliqué dans l'ataxie cérébelleuse chez un chien homozygote normal ou hétérozygote est supérieure à 99%

Mrs Susan DENNIS
PDC Okaihau Northland

0475 Whangerie
New Zealand

Name : ^{BLUE} **Ozzieb Icebive Water Surf**

Breed : **American Staffordshire Terrier**

Identification Nu : **939 000 000 041 313**
Pedigree Nu : **09138-2005**

Sex : **Male**
Date of birth : **19/07/05**

Sampler : **Veterinarian**
Dr Maren NEWPORT
(Kerikeri, 0245, New Zealand)
Sampler nu. :

Sampling date : 12/03/09
Sampling type : Cheek swab
Sample Nu : **173279**

Receipt date : 23/03/09
Case : 16142 / 6453 / 200901438 - 23/03/09
Reference : 18207 / 18208 / 33141
Test : 39725/29542
Result code : 7910

Cerebellar Ataxia

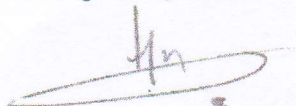
Result : **Normal homozygous**

Tested disease : **Cerebellar Ataxia**

Interpretation : The animal has 2 normal copies of the gene implied in the Amstaff cerebellar ataxia. The animal will not develop the cerebellar ataxia. The animal will not transmit the genetic anomaly to its progeny.

Result date : 01/04/09

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.