

# GENETIC ANALYSIS REPORT



## OWNER'S DETAILS

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## ANIMAL'S DETAILS

**Registered Name:** Ashdale Flamin Nora  
**Pet Name:** Flame  
**Breed:** Labrador Retriever  
**Date of Birth / Age:** 19/05/15

**Registration No:** 04503-2015  
**Microchip No:** 900108001770877  
**Sex:** Female  
**Colour:**

## COLLECTION DETAILS

**Case Number:** 17-115826  
**Collected By:** Nena Nepia

**Date of Test:** 14/06/17  
**Approved Coll. Mthd.:** Yes

Sample with Lab ID Number 17-115826 was received at Orivet Genetics, DNA was extracted and analysed with the following results reported:

**DISEASE(S):** EXERCISE INDUCED COLLAPSE - NORMAL / CLEAR / NEGATIVE (NO VARIANT DETECTED)  
DEGENERATIVE MYELOPATHY - NORMAL / CLEAR / NEGATIVE (NO VARIANT DETECTED)  
CANINE HYPERURICOSURIA - NORMAL / CLEAR / NEGATIVE (NO VARIANT DETECTED)  
CENTRONUCLEAR MYOPATHY - NORMAL / CLEAR / NEGATIVE (NO VARIANT DETECTED)  
MYOTUBULAR MYOPATHY XLINKED - NORMAL / CLEAR / NEGATIVE (NO VARIANT DETECTED)  
PYRUVATE KINASE (PK) DEFICIENCY - NORMAL / CLEAR / NEGATIVE (NO VARIANT DETECTED)  
PROGRESSIVE ROD CONE DEGENERATION - PRA - NORMAL / CLEAR / NEGATIVE (NO VARIANT DETECTED)  
OCULAR SKELETAL DYSPLASIA - NORMAL / CLEAR / NEGATIVE (NO VARIANT DETECTED)  
MALIGNANT HYPERTHERMIA - NORMAL / CLEAR / NEGATIVE (NO VARIANT DETECTED)  
SKELETAL DYSPLASIA 2 (COL11A2) - NORMAL / CLEAR / NEGATIVE (NO VARIANT DETECTED)  
ELLIPTOCYTOSIS (B-SPECTRIN) - NORMAL / CLEAR / NEGATIVE (NO VARIANT DETECTED)  
HEREDITARY NASAL PARAKERATOSIS (DRY NOSE) - NORMAL / CLEAR / NEGATIVE (NO VARIANT DETECTED)  
NARCOLEPSY - NORMAL / CLEAR / NEGATIVE (NO VARIANT DETECTED)  
CONGENITAL MYASTHENIC SYNDROME (LABRADOR) - NORMAL / CLEAR / NEGATIVE (NO VARIANT DETECTED)

**TRAIT(S):** LONG HAIR GENE (PHENOTYPE) - NEGATIVE (NOT SHOWING THE PHENOTYPE)  
A-LOCUS AGOUTI - at/at - TAN POINTS MAY BE BRINDLED (SEE K LOCUS)  
DILUTE MLPH GENE (BLUE/GREY) - DD - NO COPY OF MLPH-D ALLELE  
K-LOCUS (DOM BLACK/WILD TYPE) - KK - DOMINANT BLACK WILL NOT BE BRINDLED or EXPRESS AGOUTI  
E (EXTENSION) LOCUS MC1R - ee - YELLOW, GOLDEN, CREAM, WHITE or APRICOT  
BROWN (GLNT331STOP) STOP CODON (b<sup>s</sup>) - BB - DOES NOT CARRY BROWN or CHOCOLATE  
BROWN (345DELPRO) DELETION (b<sup>d</sup>) - BB - DOES NOT CARRY BROWN or CHOCOLATE  
BROWN (SER41CYS) INSERTION CODON (b<sup>c</sup>) - BB - DOES NOT CARRY BROWN or CHOCOLATE

**PENDING TEST(S):** COPPER TOXICOSIS (ATP7B & ATP7A)



17-115826

RESULTS REVIEWED AND CONFIRMED BY:

Dr. Noam Pik BVs MDSV

George Sofronidis BSc (Hons)