

# GENETIC ANALYSIS REPORT

## OWNER'S DETAILS

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## ANIMAL'S DETAILS

Registered Name:	Ashdale Flame N Red Hot At Cowanheights	Registration No:	04373-2015
Pet Name:	Red	Microchip No:	900108001770879
Breed:	Labrador Retriever	Sex:	Female
Date of Birth / Age:		Colour:	Not Supplied By Client

## COLLECTION DETAILS

Case Number:	16-083994	Date of Test:	07/12/16
Collected By:	Betty Hanson	Approved Coll. Mthd.:	Yes

Sample with Lab ID Number 16-083994 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)  
CYSTINURIA - NORMAL / CLEAR / NEGATIVE (NO VARIANT DETECTED)  
MYOTUBULAR MYOPATHY X LINKED - NORMAL / CLEAR / NEGATIVE (NO VARIANT DETECTED)  
NARCOLEPSY - 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)  
RETINAL DYSPLASIA/OSD - NORMAL / CLEAR / NEGATIVE (NO VARIANT DETECTED)  
MALIGNANT HYPERTHERMIA - NORMAL / CLEAR / NEGATIVE (NO VARIANT DETECTED)  
HEREDITARY NASAL PARAKERATOSIS (DRY NOSE) - 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)  
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  
EM-LOCUS MELANISTIC MASK ALLELE - E<sup>h</sup>/E<sup>n</sup> - NO MASKING EXTENSION ALLELE  
E (EXTENSION) LOCUS MC1R - ee - YELLOW, GOLDEN, CREAM, WHITE or APRICOT  
FOLLICULAR DYSPLASIA - COLOUR DILUTION ALOPECIA - NORMAL / CLEAR / NEGATIVE (NO VARIANT DETECTED)  
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

### TRAIT(S):



16-083994

## RESULTS REVIEWED AND CONFIRMED BY:

Dr. Noam Pik BVs MDSV

George Sofronidis BSc (Hons)