

# GENETIC ANALYSIS REPORT

## OWNER'S DETAILS

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## ANIMAL'S DETAILS

**Registered Name:** Ashdale Mid Knight Cha Cha  
**Pet Name:** Charlie  
**Breed:** Labrador Retriever  
**Date of Birth / Age:**

**Registration No:** 05907-2014  
**Microchip No:** 900108001654199  
**Sex:** Male  
**Colour:**

## COLLECTION DETAILS

**Case Number:** 15-095730  
**Collected By:** Dr. Daniel Cash

**Date of Test:** 10/11/15  
**Approved Coll. Mthd.:** Yes

Sample with Lab ID Number 15-095730 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)**  
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 BY PARENTAGE HISTORY**  
RETINAL DYSPLASIA/OSD - **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)**  
**TRAIT(S):** LONG HAIR GENE (PHENOTYPE) - **NORMAL / CLEAR / NEGATIVE (NO VARIANT DETECTED)**  
A-LOCUS AGOUTI - **at/at** - **TAN POINTS-TAN POINTS MAY BE BRINDLED (SEE K LOCUS)**  
B (TYRP1 LOCUS) BROWN/CHOCOLATE - **BB** - **DOES NOT CARRY BROWN or CHOCOLATE**  
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>m</sup> E** - **ONE MASK AND ONE NORMAL EXTENSION ALLELE**  
E (EXTENSION) LOCUS MC1R - **Ee** - **CARRIES EXTENSION (YELLOW/WHITE/APRICOT/RUBY)**  
FOLLICULAR DYSPLASIA - COLOUR DILUTION ALOPECIA - **NORMAL / CLEAR / NEGATIVE (NO VARIANT DETECTED)**



15-095730

## RESULTS REVIEWED AND CONFIRMED BY:

Dr. Noam Pik BVs MDSV

George Sofronidis BSc (Hons)