

# GENETIC ANALYSIS REPORT

## OWNER'S DETAILS

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## ANIMAL'S DETAILS

Registered Name: Willowspring Dog Puppy One  
Pet Name: Puppy One  
Breed: Labrador Retriever  
Date of Birth / Age:

Registration No: Pending  
Microchip No: 982000356753310  
Sex: Male  
Colour: Not Supplied By Client

## COLLECTION DETAILS

Case Number: 16-090027  
Collected By: Kathleen Wynyard

Date of Test: 05/07/16  
Approved Coll. Mthd.:

Sample with Lab ID Number 16-090027 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)

**TRAIT(S):**

- LONG HAIR GENE (PHENOTYPE) - NEGATIVE (NOT SHOWING THE PHENOTYPE)
- A-LOCUS AGOUTI - at/at - TAN POINTS-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>m</sup> E - NO MASKING (Em) EXTENSION ALLELE
- E (EXTENSION) LOCUS MC1R - EE - DOMINANT BLACK DOES NOT CARRY YELLOW/RED/WHITE
- 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 - CARRIER OF BROWN / LIVER / CHOCOLATE



16-090027

## RESULTS REVIEWED AND CONFIRMED BY:

Dr. Noam Pik BVs MDSV

George Sofronidis BSc (Hons)