

# GENETIC ANALYSIS REPORT

## OWNER'S DETAILS

**Simon Monson**  
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## ANIMAL'S DETAILS

**Registered Name:** Cowanheights Talk Of The Town  
**Pet Name:** Koda  
**Breed:** Labrador Retriever  
**Date of Birth / Age:**

**Registration No:** 05801-2014  
**Microchip No:** 900108001654176  
**Sex:** Female  
**Colour:**

## COLLECTION DETAILS

**Case Number:** 15-084279  
**Collected By:** Dr Paul Evans

**Date of Test:** 02/09/15  
**Approved Coll. Mthd.:** Yes

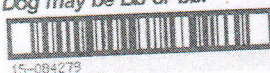
Sample with Lab ID Number 15-084279 was received at Orivet Genetics, DNA was extracted and analysed with the following results reported:

**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 / CLEAR / NEGATIVE (NO VARIANT DETECTED)
- 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)
- 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 - AFFECTED bb (BROWN/CHOCOLATE, LIVER OR RED)
- DILUTE MLPH GENE (BLUE/GREY) - DD - NO COPY OF MLPH-D ALLELE
- K-LOCUS (DOM BLACK/WILD TYPE) - INDETERMINABLE - RESULT OBTAINED IS INCONCLUSIVE
- 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)

**TRAIT(S):**

Please note: The current B-Locus [TYRP1] does not include the stop codon [bs] mutation. This may cause the result shown for some breeds to be incorrect. Dog may be Bb or bb.



15-084279

## RESULTS REVIEWED AND CONFIRMED BY:

Dr. Noam Pik BVs MDSV

George Sofronidis BSc (Hons)