

# GENETIC ANALYSIS REPORT

## OWNER'S DETAILS

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## ANIMAL'S DETAILS

**Registered Name:** Ashdale Mid-Knight Tango  
**Pet Name:** Ace  
**Breed:** Labrador Retriever  
**Date of Birth / Age:**

**Registration No:** 05720-2014  
**Microchip No:** 900108001654194  
**Sex:** Female  
**Colour:**

## COLLECTION DETAILS

**Case Number:** 15-087224  
**Collected By:** Dr Paul Evans

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

Sample with Lab ID Number 15-087224 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 - THE SAMPLE HAS FAILED DUE TO DNA QUALITY PLEASE RECOLLECT  
PROGRESSIVE ROD CONE DEGENERATION - PRA - NORMAL / CLEAR / NEGATIVE (NO VARIANT DETECTED)  
RETINAL DYSPLASIA/OSD - THE SAMPLE HAS FAILED DUE TO DNA QUALITY PLEASE RECOLLECT  
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 - NO MASKING (Em) EXTENSION ALLELE  
E (EXTENSION) LOCUS MC1R - Ee - CARRIES EXTENSION (YELLOW/WHITE/APRICOT/RUBY)  
FOLLICULAR DYSPLASIA - COLOUR DILUTION ALOPECIA - THE SAMPLE HAS FAILED DUE TO DNA QUALITY PLEASE RECOLLECT

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 incomplete. Dog may be Bb or bb.



15-087224

## RESULTS REVIEWED AND CONFIRMED BY:

Dr. Noam Pik BVs MDSV

George Sofronidis BSc (Hons)