

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^m* E - NO MASKING (*E_m*) 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)