

GENETIC ANALYSIS REPORT



OWNER'S DETAILS

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ANIMAL'S DETAILS

Registered Name: Jancerie Back To Black
Pet Name: Arthur
Breed: Labrador Retriever

Registration No: 03561-2014
Microchip No: 900008800620374
Sex: Male

COLLECTION DETAILS

Case Number: 15-074172
Collected By: Dr. Daniel Cash

Date of Test: 24/03/15
Approved Coll. Mthd.: Yes

Sample with Lab ID Number 15-074172 was received at Orivet Genetics, DNA was extracted and analysed with the following results reported:

DISEASE(S):
EXERCISE INDUCED COLLAPSE (NORMAL / CLEAR - NO MUTATION DETECTED)
CANINE HYPERURICOSURIA (NORMAL / CLEAR - NO MUTATION DETECTED)
CENTRONUCLEAR MYOPATHY (NORMAL / CLEAR - NO MUTATION DETECTED)
CYSTINURIA (NORMAL / CLEAR - NO MUTATION DETECTED)
MYOTUBULAR MYOPATHY X LINKED (NORMAL / CLEAR - NO MUTATION DETECTED)
NARCOLEPSY (NORMAL / CLEAR - NO MUTATION DETECTED)
PYRUVATE KINASE (PK) DEFICIENCY (NORMAL / CLEAR - NO MUTATION DETECTED)
PROGRESSIVE ROD CONE DEGENERATION - PRA (NORMAL / CLEAR - NO MUTATION DETECTED)
RETINAL DYSPLASIA/OSD (NORMAL / CLEAR - NO MUTATION DETECTED)

TRAIT(S):
LONG HAIR GENE (PHENOTYPE) (NORMAL / CLEAR - NO MUTATION DETECTED)
A-LOCUS AGOUTI (a/a - TRICOLOR/BLACK & TAN (MERLE DEPENDENT NO BIFACTOR))
B (TYRP1 LOCUS) BROWN/CHOCOLATE (CARRIER Bb - CARRIER OF BROWN / FULL COLOUR)
DILUTE MLPH GENE (BLUE/GREY) (DD - NO COPY OF MLPH-D ALLELE)
K-LOCUS (DOM BLACK/WILD TYPE) (KK - DOMINANT FOR K WILL NOT BE BRINDLED or EXPRESS AGOUTI)
EM-LOCUS MELANISTIC BLACK MASK ALLELE (E^m E - ONE MASK AND ONE NORMAL EXTENSION ALLELE)
E-LOCUS (EXTENSION - YELLOW/RED/CREAM/APRICOT (Ee - CARRIES ONE COPY of MC1R GENE)
FOLLICULAR DYSPLASIA - COLOUR DILUTION ALOPECIA (NORMAL / CLEAR - NO MUTATION DETECTED)

Please Note: The current B Locus test does not include the Stop Codon (bs) mutation. This can cause the result shown for some breeds to be incomplete.



15-074172

RESULTS REVIEWED AND CONFIRMED BY:

Dr. Noam Pik BVs MDSV

George Sofronidis BSc (Hons)