

GENETIC ANALYSIS REPORT

OWNER'S DETAILS

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ANIMAL'S DETAILS

Registered Name: Blackhills Arianna
Pet Name: Ari
Breed: Labrador Retriever
Date of Birth / Age:

Registration No: 06641-2014
Microchip No: 934000090084629
Sex: Female
Colour:

COLLECTION DETAILS

Case Number: 15-055699
Collected By: Sally Aitken

Date of Test: 16/02/15
Approved Coll. Mthd.: Yes

Sample with Lab ID Number 15-055699 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)
GANGLIOSIDOSIS - TYPE 1 & 2 (NORMAL / CLEAR - NO MUTATION DETECTED)
RETINAL DYSPLASIA/OSD (NORMAL / CLEAR - NO MUTATION DETECTED)
HEREDITARY NASAL PARAKERATOSIS (DRY NOSE) (NORMAL / CLEAR - NO MUTATION DETECTED)
SKELETAL DYSPLASIA 2 (COL11A2) (NORMAL / CLEAR - NO MUTATION DETECTED)
TRAIT(S): LONG HAIR GENE (PHENOTYPE) (NORMAL / CLEAR - NO MUTATION DETECTED)
A-LOCUS AGOUTI (at/at MERLE-BLUE MERLE-NO BI FACTOR (BLUE MERLE WHITE & TAN))
B (TYRP1 LOCUS) BROWN/CHOCOLATE (NORMAL - BB FULL COLOR DOES NOT CARRY BROWN)
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 BLACK MASK ALLELE (E^m E - ONE MASK AND ONE NORMAL EXTENSION ALLELE)
E-LOCUS (EXTENSION - YELLOW/RED/CREAM/APRICOT (E_a - 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.



RESULTS REVIEWED AND CONFIRMED BY:

Dr. Noam Pik BVs MDSV

George Sofronidis BSc (Hons)