GENETIC ANALYSIS REPORT

OWNER'S DETAILS

ALLY BATTRICK

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Breed Specific /ledicine

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ANIMAL'S DETAILS

Registered Name: Bramble Pet Name:

Bramble

Labrador Retriever

Breed: Date of Birth / Age:

Registration No: Microchip No:

Ser.

Colour:

Pending Pendina Unknown

Not Supplied By Client

COLLECTION DETAILS

Case Number: Collected By:

17-128437

Dr Emily Buswell

Date of Test

Approved Coll. Mthd.:

08/05/17

Sample with Lab ID Number 17-128437 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) DEGENERATIVE MYELOPATHY - NORMAL / CLEAR / NEGATIVE (NO VARIANT DETECTED) CANINE HYPERURICOSURIA - NORMAL / CLEAR / NEGATIVE (NO VARIANT DETECTED)

CYSTINURIA - NORMAL / CLEAR / NEGATIVE (NO VARIANT DETECTED)

MYOTUBULAR MYOPATHY X LINKED - 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)

MALIGNANT HYPERTHERMIA - 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)

HEREDITARY NASAL PARAKERATOSIS (DRY NOSE) - NORMAL / CLEAR / NEGATIVE (NO VARIANT DETECTED)

NARCOLEPSY - NORMAL / CLEAR / NEGATIVE (NO VARIANT DETECTED)

TRAIT(S):

LONG HAIR GENE (PHENOTYPE) - NEGATIVE (NOT SHOWING THE PHENOTYPE) A-LOCUS AGOUTI - at/at - TAN POINTS MAY BE BRINDLED (SEE K LOCUS) DILUTE MLPH GENE (BLUE/GREY) - DD - NO COPY OF MLPH-D ALLELE

K-LOCUS (DOMBLACK/WILD TYPE) - KK - DOMINANT BLACK WILL NOT BE BRINDLED OF EXPRESS AGOUTI

E (EXTENSION) LOCUS MC1R - EE - DOMINANT BLACK DOES NOT CARRY YELLOW/RED/WHITE

FOLLICULAR DYSPLASIA - COLOUR DILUTION ALOPECIA - NORMAL / CLEAR / NEGATIVE (NO VARIANT DETECTED)

BROWN (GLNT331STOP) STOP CODON (bs) - BB - DOES NOT CARRY BROWN or CHOCOLATE BROWN (345DELPRO) DELETION (bd) - BB - DOES NOT CARRY BROWN or CHOCOLATE

BROWN (SER41CYS) INSERTION CODON (bc) - Bb - CARRIER OF BROWN / LIVER / CHOCOLATE

RESULTS REVIEWED AND CONFIRMED BY:

N MAN Dr. Noam Pik BVs MDSV

George Sofronidis BSc (Hons)