## **GENETIC ANALYSIS REPORT**

OWNER'S DETAILS

**ALLY BATTRICK** 

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**Breed Specific** Viedicine

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A R N 8 722 516 58 99

ANIMAL'S DETAILS

Registered Name: Pet Name:

Sunny

Sunny

Labrador Retriever

Breed: Date of Birth / Age:

Registration No: Microchip No: Sex:

Colour:

Pending Pending Unknown

Not Supplied By Client

COLLECTION DETAILS

Case Number:

17-128201

Collected By:

Dr Emily Buswell

Date of Test:

08/05/17

Approved Coll. Mthd.:

Yes

Sample with Lab ID Number 17-128201 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 HYPERTHERMA - 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 (DOMBLACKWILD TYPE) - KK - DOMINANT BLACK WILL NOT BE BRINDLED OF EXPRESS AGOUTI

E (EXTENSION) LOCUS MC1R - ee - YELLOW, GOLDEN, CREAM, WHITE OF APRICOT

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:

VIMA Dr. Noam Pik BVs MDSV

George Sofronidis BSc (Hons)