## GENETIC ANALYSIS REPORT

## **OWNER'S DETAILS**

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## **ANIMAL'S DETAILS**

Registered Name: Ashdale Hot Gossip

Pet Name:

Holly

Breed:

Labrador Retriever

Date of Birth / Age:

**Registration No:** 

Microchip No:

03282-2016 900108001768105

Sex: Colour: Female Yellow

## **COLLECTION DETAILS**

Case Number: Collected By:

17-130384

Dr Emily Buswell

Date of Test: Approved Coll. Mthd.: 16/05/17

Yes

Sample with Lab ID Number 17-130384 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 PARAKERÁTOSIS (DRY NOSE) - NORMAL / CLEAR / NEGATIVE (NO VÁRIANT DETECTED)

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

TRAIT(S):

LONG HAIR GENE (PHENOTYPE) - NEGATIVE (NOT SHOWING THE PHENOTYPE) A-LOCUS AGOUTI - at/a TRI COLOUR/TAN POINTS (CARRYING BICOLOUR GENE)

DILUTE MLPH GENE (BLUE/GREY) - DD - NO COPY OF MLPH-D ALLELE

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

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

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 - DOES NOT CARRY BROWN or CHOCOLATE

RESULTS REVIEWED AND CONFIRMED BY:

Dr. Noam Pik BVs MDSV

George Sofronidis BSc (Hons)