

ANIMAL'S DETAILS

Registered Name: Future van Lotharing **Registration No:** NL)FE LO16.SIB.012.1

Pet Name: Future van Lotharing **Microchip No:** 528210004389845

Breed: Siberian **Sex:** Female

Date of Birth / Age: 14/08/16 **Colour:** Black Tortie w White Spotted

COLLECTION DETAILS

Case Number: 16-126215 **Date of Test:** 09/12/16

Collected By: Smaling G **Approved Coll. Mthd.:**

Sample with Lab ID Number 16-126215 was received at Orivet Genetics, DNA was extracted and analysed with the following results reported:

DISEASE(S): PYRUVATE KINASE (PK) DEFICIENCY - **NORMAL / CLEAR / NEGATIVE (NO VARIANT DETECTED)**

MUCOPOLYSACCHARADOSIS - **NORMAL / CLEAR / NEGATIVE (NO VARIANT DETECTED)**

POLYCYSTIC KIDNEY DISEASE - **NORMAL / CLEAR / NEGATIVE (NO VARIANT DETECTED)**

NEIMANN-PICK DISEASE TYPE C - **NORMAL / CLEAR / NEGATIVE (NO VARIANT DETECTED)**

FAMILIAL EPISODIC HYPOKALEMIC POLYMYOPATHY - **NORMAL / CLEAR / NEGATIVE (NO VARIANT DETECTED)**

HYPERTROPHIC CARDIOMYOPATHY - MAINE COON - **NORMAL / CLEAR / NEGATIVE (NO VARIANT DETECTED)**

HYPERTROPHIC CARDIOMYOPATHY - RAGDOLL - **NORMAL / CLEAR / NEGATIVE (NO VARIANT DETECTED)**

PROGRESSIVE RETINAL ATROPHY (PRA-RDC) CEP 290 - **NORMAL / CLEAR / NEGATIVE (NO VARIANT DETECTED)**

SPINAL MUSCULAR ATROPHY (SMA) - MAINE COON - **NORMAL / CLEAR / NEGATIVE (NO VARIANT DETECTED)**

GLYCOGEN STORAGE DISEASE TYPE IV - **NORMAL / CLEAR / NEGATIVE (NO VARIANT DETECTED)**

GANGLIOSIDOSIS - TYPE 1 & 2 - **NORMAL / CLEAR / NEGATIVE (NO VARIANT DETECTED)**

TRAIT(S): ALBINISM - **ALB N / ALB N - NO ALBINO MUTATION DETECTED**

AMBER - **E/E - NO COPIES OF AMBER MUTATION DETECTED**

DILUTE - **D/D FULL COLOUR - DOES NOT HAVE DILUTE ALLELE**

BLOOD GROUP - **TYPE NON B/b (ALSO REFERRED TO AS N/b) CAN BE A/A or A/AB**

CHOCOLATE AND CINAMMON - **B/B (FULL COLOUR - CAT DOES NOT CARRY BROWN OR CINNAMON)**

COLOURPOINT RESTRICTION (COLOR) - **C/C FULL COLOR, DOES NOT CARRY BURMESE (SEPIA)/SIAMESE**

AGOUTI (ASIP) DOMINANT BLACK - **A/A (ASIP)- ALL OFFSPRING WILL HAVE BANDED HAIR**

LONGHAIR / SHORHAIR - **M1/M2, M1/M3, M1/M4, M2/M3, M2/M4, M3/M4 - CARRIES TWO LHG**

Cat has tested as a compound heterozygote - carries 2 different long hair FGF5 variant – cat has long hair.