GENETIC ANALYSIS REPORT

OWNER'S DETAILS

Kaylene Steffens

ANIMAL'S DETAILS

Registered Name: Sands Aspen **Registration No:** 0148-010-01
Pet Name: Aspen **Microchip No:** 953010001333088
Breed: Labradoodle **Sex:** Female
Date of Birth / Age: 06/07/16

COLLECTION DETAILS

Case Number: 17-090931 **Date of Test:** 02/07/17
Collected By: Dr. Baron Jonsson **Approved Coll. Mthd.:** Yes
Sample with Lab ID Number 17-090931 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)**
AUTOSOMAL HEREDITARY RECESSIVE NEPHROPATHY **- NORMAL / CLEAR / NEGATIVE (NO VARIANT DETECTED)**
CANINE HYPERURICOSURIA **- NORMAL / CLEAR / NEGATIVE (NO VARIANT DETECTED)**
CENTRONUCLEAR MYOPATHY **- NORMAL / CLEAR / NEGATIVE (NO VARIANT DETECTED)**
PROGRESSIVE RETINAL ATROPHY - CORD1/RCD-4 **- NORMAL / CLEAR / NEGATIVE (NO VARIANT DETECTED)**
GLOBOID CELL LEUKODYSTROPHY/KRABBE'S DISEASE **- NORMAL / CLEAR / NEGATIVE (NO VARIANT DETECTED)**
IVERMECTIN SENSITIVITY MDR1 **- NORMAL / CLEAR / NEGATIVE (NO VARIANT DETECTED)**
MUCOPOLYSACCHARIDOSIS **- NORMAL / CLEAR / NEGATIVE (NO VARIANT DETECTED)**
MYOTUBULAR MYOPATHY X LINKED **- NORMAL / CLEAR / NEGATIVE (NO VARIANT DETECTED)**
NEONATAL ENCEPHALOPATHY **- NORMAL / CLEAR / NEGATIVE (NO VARIANT DETECTED)**
PHOSPHOFRUCTOKINASE (PFK) DEFICIENCY **- 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)**
VON WILLEBRAND'S DISEASE TYPE I **- NORMAL / CLEAR / NEGATIVE (NO VARIANT DETECTED)**
OCULAR SKELETAL DYSPLASIA **- NORMAL / CLEAR / NEGATIVE (NO VARIANT DETECTED)**
PROGRESSIVE RETINAL ATROPHY - RCD4 **- INDETERMINABLE - RESULT OBTAINED IS INCONCLUSIVE**
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)**
GM2 GANGLIOSIDOSIS **- NORMAL / CLEAR / NEGATIVE (NO VARIANT DETECTED)**
HEREDITARY NASAL PARAKERATOSIS (DRY NOSE) **- NORMAL / CLEAR / NEGATIVE (NO VARIANT DETECTED)**
NARCOLEPSY **- NORMAL / CLEAR / NEGATIVE (NO VARIANT DETECTED)**
CYSTINURIA (SLC3A1) LABRADOR **- NORMAL / CLEAR / NEGATIVE (NO VARIANT DETECTED)**
CONGENITAL MYASTHENIC SYNDROME (LABRADOR) **- NORMAL / CLEAR / NEGATIVE (NO VARIANT DETECTED)**

TRAIT(S): LONG HAIR GENE (PHENOTYPE) **- CARRIER (ONE COPY OF VARIANT DETECTED)**
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 (DOM BLACK/WILD TYPE) **- KK - DOMINANT BLACK WILL NOT BE BRINDLED or EXPRESS AGOUTI**
EM-LOCUS MELANISTIC MASK ALLELE **- En/En - NO MASKING EXTENSION ALLELE**
E (EXTENSION) LOCUS MC1R **- ee - YELLOW, GOLDEN, CREAM, WHITE or APRICOT**
SPOTTING LOCUS (W GENE) **- NORMAL / CLEAR / NEGATIVE (NO VARIANT DETECTED)**
BLACK AND TAN/SADDLE COAT **- POSITIVE - SHOWING THE PHENOTYPE**
BROWN (GLNT331STOP) STOP CODON **(bs) - AFFECTED bb (BROWN/CHOCOLATE, LIVER OR RED)**
BROWN (345DELPRO) DELETION **(bd) - BB - DOES NOT CARRY BROWN or CHOCOLATE**
BROWN (SER41CYS) INSERTION CODON **(bc) - BB - DOES NOT CARRY BROWN or CHOCOLATE**