

# GENETIC ANALYSIS REPORT



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## ANIMAL'S DETAILS

Registered Name: Sands Jersey Caramel  
Pet Name: Sands Jersey Caramel  
Breed: Australian Labradoodle  
Date of Birth / Age:

Registration No: Pending  
Microchip No: 953010000994623  
Sex: Female  
Colour:

## COLLECTION DETAILS

Case Number: 16-111992  
Collected By: Kaylene Steffens

Date of Test: 26/02/16  
Approved Coll. Mthd.:

Sample with Lab ID Number 16-111992 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)  
CENTRONUCLEAR MYOPATHY - NORMAL / CLEAR / NEGATIVE (NO VARIANT DETECTED)  
PROGRESSIVE RETINAL ATROPHY - CORD1/RCD-4 - NORMAL / CLEAR / NEGATIVE (NO VARIANT DETECTED)  
CYSTINURIA - NORMAL / CLEAR / NEGATIVE (NO VARIANT DETECTED)  
GLOBOID CELL LEUKODYSTROPHY/KRABBE'S DISEASE - NORMAL / CLEAR / NEGATIVE (NO VARIANT DETECTED)  
MUCOPOLYSACCHARIDOSIS - NORMAL / CLEAR / NEGATIVE (NO VARIANT DETECTED)  
MYOTUBULAR MYOPATHY X LINKED - NORMAL / CLEAR / NEGATIVE (NO VARIANT DETECTED)  
NARCOLEPSY - 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 BY PARENTAGE HISTORY  
VON WILLEBRAND'S DISEASE TYPE I - NORMAL / CLEAR / NEGATIVE (NO VARIANT DETECTED)  
GANGLIOSIDOSIS - TYPE 1 & 2 - NORMAL / CLEAR / NEGATIVE (NO VARIANT DETECTED)  
HEREDITARY NASAL PARAKERATOSIS (DRY NOSE) - 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)

**TRAIT(S):** LONG HAIR GENE (PHENOTYPE) - **AFFECTED/POSITIVE FOR THE VARIANT**  
A-LOCUS AGOUTI - *at/at* - **TAN POINTS-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) - **CARRIER - K/k ONE COPY DOM BLACK and ONE COPY NON BLACK**  
EM-LOCUS MELANISTIC MASK ALLELE - *E<sup>m</sup> E* - **ONE MASK AND ONE NORMAL EXTENSION ALLELE**  
E (EXTENSION) LOCUS MC1R - *ee* - **YELLOW, GOLDEN, CREAM, WHITE or APRICOT**  
SPOTTING LOCUS (W GENE) - **NORMAL / CLEAR / NEGATIVE (NO VARIANT DETECTED)**  
FOLLICULAR DYSPLASIA - COLOUR DILUTION ALOPECIA - **NORMAL / CLEAR / NEGATIVE (NO VARIANT DETECTED)**  
BLACK HAIR FOLLICULAR DYSPLASIA - **NORMAL / CLEAR / NEGATIVE (NO VARIANT DETECTED)**  
BROWN (GLNT331STOP) STOP CODON (*B<sup>S</sup>*) - **BB - DOES NOT CARRY BROWN or CHOCOLATE**  
BROWN (345DELPRO) DELETION (*B<sup>D</sup>*) - **BB - DOES NOT CARRY BROWN or CHOCOLATE**  
BROWN (SER41CYS) INSERTION CODON (*B<sup>C</sup>*) - **Bb - CARRIER OF BROWN / LIVER / CHOCOLATE**



16-111992

RESULTS REVIEWED AND CONFIRMED BY:

Dr. Noam Pik BVs MDSV

George Sofronidis BSc (Hons)