

GENETIC ANALYSIS REPORT



OWNER'S DETAILS

Carla Simmons

COLLECTION DETAILS

Case Number : 18150560
Date of Test : 9th Jan 2019
Collected By : Dr. Lisa Butler
Approved Collection : YES

ANIMAL'S DETAILS

Registered Name : Tallai Magical
Pet Name : Tallia Magical
Registration Number : 0068-083-01
Breed : Australian Labradoodle
Microchip Number : 953010002297752
Sex : Intact Female
Date of Birth : 10th Dec 2017
Colour : Gold

Sample with Lab ID Number 18150560 was received at Orivet Genetics, DNA was extracted and analysed with the following result reported:

GENETIC ANALYSIS SUMMARY

1Please Note: This is a summary disease and trait report. To view more details on each test, including a DNA profile, please log in to your account and view the detailed single DNA report.

TESTS REPORTED

RESULT ¹

Urogenital (Associated with the Urinary and Genital Tracts)

AUTOSOMAL HEREDITARY RECESSIVE NEPHROPATHY	NEGATIVE / CLEAR [NO VARIANT DETECTED]
CANINE HYPERURICOSURIA	NEGATIVE / CLEAR [NO VARIANT DETECTED]
CYSTINURIA (SLC3A1) LABRADOR RETRIEVER TYPE	NEGATIVE / CLEAR [NO VARIANT DETECTED]

Nervous system / Neurologic - Associated with the brain, spinal cord and nerves

CENTRONUCLEAR MYOPATHY (LABRADOR RETRIEVER TYPE)	NEGATIVE / CLEAR [NO VARIANT DETECTED]
CONGENITAL MYASTHENIC SYNDROME (LABRADOR RETRIEVER TYPE)	NEGATIVE / CLEAR [NO VARIANT DETECTED]
DEGENERATIVE MYELOPATHY	NEGATIVE / CLEAR [NO VARIANT DETECTED]
EXERCISE INDUCED COLLAPSE (RETRIEVER TYPE)	NEGATIVE / CLEAR [NO VARIANT DETECTED]
IVERMECTIN SENSITIVITY MDR1 (MULTI DRUG RESISTANCE)	NEGATIVE / CLEAR [NO VARIANT DETECTED]
NARCOLEPSY (LABRADOR)	NEGATIVE / CLEAR [NO VARIANT DETECTED]
NEONATAL ENCEPHALOPATHY (POODLE TYPE)	NEGATIVE / CLEAR [NO VARIANT DETECTED]

Ophthalmologic - Associated with the eyes and associated structures

CONE-ROD DYSTROPHY I - PRA (CORD I)	CARRIER [ONE COPY OF THE VARIANT DETECTED]
GENERALISED PRA 1 (GOLDEN RETRIEVER TYPE)	NEGATIVE / CLEAR [NO VARIANT DETECTED]
PROGRESSIVE ROD CONE DEGENERATION (PRCD) - PRA	NEGATIVE / CLEAR [NO VARIANT DETECTED]

Metabolic - Associated with the enzymes and metabolic processes of cells

COPPER TOXICOSIS (ATP7B & ATP7A) LABRADOR RETRIEVER TYPE	NEGATIVE / CLEAR [NO VARIANT DETECTED]
GANGLIOSIDOSIS GM2 (POODLE TYPE)	NEGATIVE / CLEAR [NO VARIANT DETECTED]
MALIGNANT HYPERTHERMIA	NEGATIVE / CLEAR [NO VARIANT DETECTED]
MUCOPOLYSACCHARIDOSIS VI (POODLE TYPE)	NEGATIVE / CLEAR [NO VARIANT DETECTED]
PHOSPHOFRUCTOKINASE DEFICIENCY (SPANIEL TYPE)	NEGATIVE / CLEAR [NO VARIANT DETECTED]
PYRUVATE KINASE DEFICIENCY (CANINE)	NEGATIVE / CLEAR [NO VARIANT DETECTED]

Haemolymphatic - Associated with the blood and lymph

ELLIPTOCYTOSIS B-SPECTRIN (LABRADOR RETRIEVER/POODLE TYPE)
GLOBOID CELL LEUKODYSTROPHY/KRABBE'S DISEASE
VON WILLEBRAND'S DISEASE TYPE I

NEGATIVE / CLEAR [NO VARIANT DETECTED]
NEGATIVE / CLEAR [NO VARIANT DETECTED]
NEGATIVE / CLEAR [NO VARIANT DETECTED]

Dermatologic - Associated with the skin

HEREDITARY NASAL PARAKERATOSIS/DRY NOSE (LABRADOR RETRIEVER TYPE)

NEGATIVE / CLEAR [NO VARIANT DETECTED]

Musculoskeletal - Associated with muscles, bones and associated structures

MILD DISPROPORTIONATE DWARFISM (LABRADOR TYPE)

NEGATIVE / CLEAR [NO VARIANT DETECTED]

MYOTUBULAR MYOPATHY X-LINKED (LABRADOR RETRIEVER TYPE)

NEGATIVE / CLEAR [NO VARIANT DETECTED]

SKELETAL DYSPLASIA 2 (MILD DISPROPORTIONATE DWARFISM)

NEGATIVE / CLEAR [NO VARIANT DETECTED]

Trait (Associated with Phenotype)

A LOCUS (FAWN/SABLE; TRI/TAN POINTS)

BROWN (345DELPRO) DELETION

BROWN (GLNT331STOP) STOP CODON

BROWN (SER41CYS) INSERTION CODON

D (DILUTE) LOCUS

E LOCUS - (CREAM/RED/YELLOW)

EM (MC1R) LOCUS - MELANISTIC MASK

K LOCUS (DOMINANT BLACK)

LONG HAIR GENE (CANINE)

SKULL DIVERSITY (ALL BREEDS)

WIRE HAIR GENE

a¹/a¹ - TAN POINTS - TAN POINTS or TRICOLOUR MAY BE BRINDLED [SEE K LOCUS]

BB^d - DOES NOT CARRY BROWN or CHOCOLATE (DELETION)

BB^s - DOES NOT CARRY BROWN or CHOCOLATE (STOP CODON)

Bb^c - CARRIER OF BROWN/LIVER/CHOCOLATE (INSERTION)

DD - NO COPY OF MLPH-D ALLELE (DILUTE) - PIGMENT IS NORMAL

ee - DOG IS HOMOZYGOUS FOR NON-EXTENSION

(WHITE/YELLOW/APRICOT)

Eⁿ/Eⁿ - NO MASKING (Eⁿ) EXTENSION ALLELE

KK - DOMINANT BLACK - SOLID [WILL NOT BE BRINDLED or EXPRESS AGOUTI]

POSITIVE - SHOWING THE PHENOTYPE

NEGATIVE FOR THE SHORTENED HEAD (BRACHYCEPHALY)

VARIANT

CARRIES ONE COPY OF THE IMPROPER COAT RSPO2 DELETION VARIANT

RESULTS REVIEWED & CONFIRMED BY:

Dr. Noam Pik BVSc, BMVS, MBA, MACVS



George Sofronidis BSc(Hons)

ORIVET GENETIC PET CARE

Suite 102A/ 163 - 169 Inkerman Street,
St Kilda 3182, Australia
t +61 3 9534 1544 | f +61 3 9525 3550
e admin@orivet.com
www.orivet.com

ORIVET INTERNATIONAL - USA

20 Church Street,
Hartford, CT 06103
t +844 4 ORIVET (Ext. 105)
e usa@orivet.com
www.orivet.com

ORIVET INTERNATIONAL - JAPAN

3-6-2, Kumata, Higashisumiyoshi-ku,
Osaka-shi, Osaka 546-0002, Japan
t 080 8312 41187 (Japan)
e japan@orivet.com.au
www.orivet.jp

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