

GENETIC ANALYSIS REPORT



OWNER'S DETAILS

Carla Simmons

COLLECTION DETAILS

Case Number : 19222361
Date of Test : 10th Jan 2020
Collected By : Dr. Lisa Butler

Approved Collection : YES

ANIMAL'S DETAILS

Registered Name : Tallai Minky Mouse
Pet Name : Minky Mouse
Registration Number : 006808602
Breed : Australian Labradoodle
Microchip Number : 953010002530524
Sex : Intact Female
Date of Birth : 24th Mar 2018
Colour :

Sample with Lab ID Number 19222361 was received at Orivet Genetics, DNA was extracted and analysed with the following result reported:

GENETIC ANALYSIS SUMMARY

¹ **Please 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

Urinary system / Urologic - Associated with the kidneys, bladder, ureters and urethra

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

Musculoskeletal - Associated with muscles, bones and associated structures

CENTRONUCLEAR MYOPATHY (LABRADOR RETRIEVER TYPE)	NEGATIVE / CLEAR [NO VARIANT DETECTED]
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]

Ophthalmologic - Associated with the eyes and associated structures

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

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

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]

Haemolymphatic - Associated with the blood and lymph

ELLIPTOCYTOSIS B-SPECTRIN (LABRADOR RETRIEVER/POODLE TYPE)	NEGATIVE / CLEAR [NO VARIANT DETECTED]
GLOBOID CELL LEUKODYSTROPHY/KRABBE'S DISEASE	NEGATIVE / CLEAR [NO VARIANT DETECTED]

VON WILLEBRAND'S DISEASE TYPE I

NEGATIVE / CLEAR [NO VARIANT DETECTED]

Metabolic - Associated with the enzymes and metabolic processes of cells

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]

PYRUVATE KINASE DEFICIENCY (LABRADOR TYPE)

NEGATIVE / CLEAR [NO VARIANT DETECTED]

Dermatologic - Associated with the skin

HEREDITARY NASAL PARAKERATOSIS/DRY NOSE (LABRADOR RETRIEVER TYPE)

NEGATIVE / CLEAR [NO VARIANT DETECTED]

Trait (Associated with Phenotype)

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

a^t/a^t - TAN POINTS/BLACK & TAN or TRICOLOUR MAY BE BRINDLED [SEE K LOCUS]

BROWN (345DELPRO) DELETION

b^d/b^d - BROWN/CHOCOLATE, LIVER OR RED [DELETION]

BROWN (GLNT331STOP) STOP CODON

b^s/b^s - BROWN/CHOCOLATE, LIVER OR RED [STOP CODON]

BROWN (SER41CYS) INSERTION CODON

B^c/B^c - DOES NOT CARRY BROWN or CHOCOLATE [INSERTION]

D (DILUTE) LOCUS

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

E LOCUS - (CREAM/RED/YELLOW)

E/e - BLACK CARRIES EXTENSION [YELLOW/WHITE/APRICOT/RUBY/RED]

EM (MC1R) LOCUS - MELANISTIC MASK

Eⁿ/Eⁿ - NO MELANISTIC MASK (Eⁿ) EXTENSION ALLELE

K LOCUS (DOMINANT BLACK)

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

LONG HAIR GENE (CANINE C95F)

POSITIVE - SHOWING THE PHENOTYPE

SKULL DIVERSITY (ALL BREEDS)

NEGATIVE FOR THE SHORTENED HEAD (BRACHYCEPHALY) VARIANT

RESULTS REVIEWED & CONFIRMED BY:

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