

GENETIC ANALYSIS REPORT



OWNER'S DETAILS

Carla Simmons

COLLECTION DETAILS

Case Number : 18150308
Date of Test : 9th Jan 2019
Collected By : Dr. Lisa Butler
Approved Collection : YES

ANIMAL'S DETAILS

Registered Name : Jajaca Mango Weis
Pet Name : Jajaca Mango Weis
Registration Number : 011512412
Breed : Australian Labradoodle
Microchip Number : 95600006439992
Sex : Intact Female
Date of Birth : 5th Dec 2017
Colour : Creme Caramel

Sample with Lab ID Number 18150308 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

Urogenital (Associated with the Urinary and Genital Tracts)

AUTOSOMAL HEREDITARY RECESSIVE NEPHROPATHY
CANINE HYPERURICOSURIA
CYSTINURIA (SLC3A1) LABRADOR RETRIEVER TYPE

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

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

CENTRONUCLEAR MYOPATHY (LABRADOR RETRIEVER TYPE)
CONGENITAL MYASTHENIC SYNDROME (LABRADOR RETRIEVER TYPE)
DEGENERATIVE MYELOPATHY
EXERCISE INDUCED COLLAPSE (RETRIEVER TYPE)
IVERMECTIN SENSITIVITY MDR1 (MULTI DRUG RESISTANCE)
NARCOLEPSY (LABRADOR)
NEONATAL ENCEPHALOPATHY (POODLE TYPE)

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

Ophthalmologic - Associated with the eyes and associated structures

CONE-ROD DYSTROPHY I - PRA (CORD I)
GENERALISED PRA 1 (GOLDEN RETRIEVER TYPE)
PROGRESSIVE ROD CONE DEGENERATION (PRCD) - PRA

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

Metabolic - Associated with the enzymes and metabolic processes of cells

COPPER TOXICOSIS (ATP7B & ATP7A) LABRADOR RETRIEVER TYPE
GANGLIOSIDOSIS GM2 (POODLE TYPE)
MALIGNANT HYPERTHERMIA
MUCOPOLYSACCHARIDOSIS VI (POODLE TYPE)
PHOSPHOFRUCTOKINASE DEFICIENCY (SPANIEL TYPE)
PYRUVATE KINASE DEFICIENCY (CANINE)

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

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	a ^y /a ^t - FAWN/RED or SABLE CARRIES TAN POINTS (a ^t) Bb ^d - CARRIER OF BROWN/CHOCOLATE/LIVER (DELETION) Bb ^s - CARRIER OF BROWN/CHOCOLATE/LIVER (STOP CODON) Bb ^c - CARRIER OF BROWN/LIVER/CHOCOLATE [INSERTION] DD - NO COPY OF MLPH-D ALLELE (DILUTE) - PIGMENT IS NORMAL
E LOCUS - (CREAM/RED/YELLOW)	ee - DOG IS HOMOZYGOUS FOR NON-EXTENSION (WHITE/YELLOW/APRICOT)
EM (MC1R) LOCUS - MELANISTIC MASK	E ⁿ /E ⁿ - NO MASKING (E ⁿ) EXTENSION ALLELE
K LOCUS (DOMINANT BLACK)	K / k ^Y or k ^{br} - ONE COPY DOMINANT BLACK (K) and ONE COPY OF NON-BLACK (k ^Y) dog MAY be brindled
LONG HAIR GENE (CANINE)	POSITIVE - SHOWING THE PHENOTYPE
SKULL DIVERSITY (ALL BREEDS)	NEGATIVE FOR THE SHORTENED HEAD (BRACHYCEPHALY) VARIANT
WIRE HAIR GENE	CARRIES ONE COPY OF THE IMPROPER COAT RSP02 DELETION VARIANT

RESULTS REVIEWED & CONFIRMED BY:

Dr. Noam Pik BVSc, BMVS, MBA, MACVS



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