



Scan to authenticate  
this Report online

# Genetic Summary Report

## Owner's details

Name: Kristie Cox

## Animal's Details

Registered Name :

Pet Name : Dolly

Registration Number :

Breed : Goldendoodle

Microchip Number : 981020063445901

Sex : Female

Date of Birth : 2nd Sep 2025

Colour :

## Sample Collection Details

Case Number : 26FB24206

Collected By :

Approved Collection : No

Sample Type : SWAB

## Test Details

Test Requested : Goldendoodle - Full Breed Profile

Pet Name : Dolly

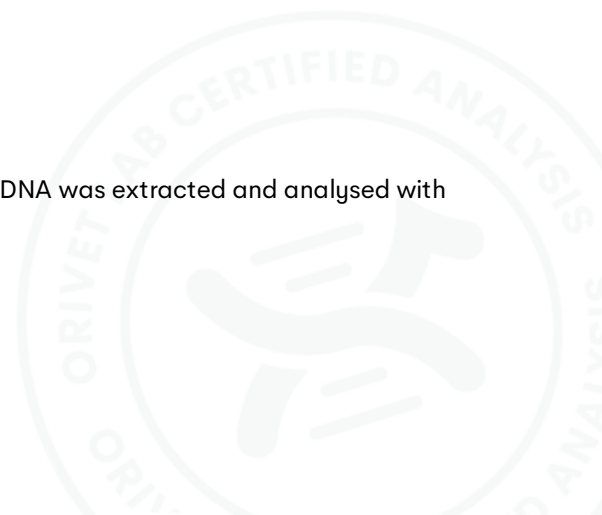
Date of Test : 11th Mar 2026

## Authorisation

Sample with Lab ID Number 26FB24206 was received at Orivet Genetics, DNA was extracted and analysed with the following result reported:



.....  
Orivet Genetic Analyst





Scan to authenticate  
this Report online

## Genetic Summary Report

### Health Tests Reported (Continued)

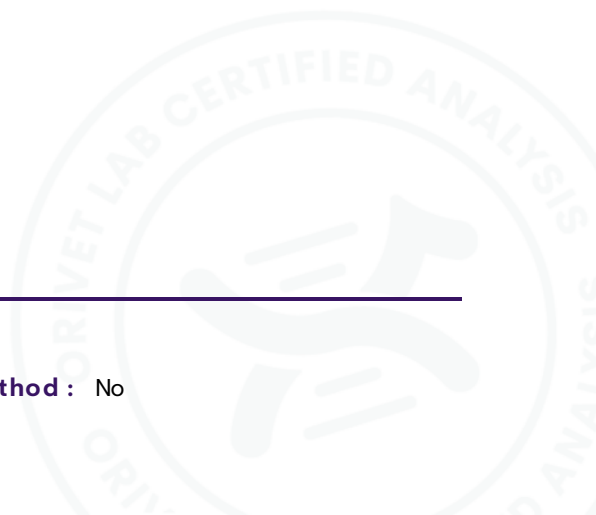
Breed Sense	Diseases	Result
✓	Centronuclear Myopathy (Labrador Retriever Type)	NORMAL (N/N) - [NO VARIANT DETECTED]
✓	Congenital Eye Malformation (Golden Retriever)	NORMAL (N/N) - [NO VARIANT DETECTED]
✓	Congenital Macrothrombocytopenia	NORMAL (N/N) - [NO VARIANT DETECTED]
✓	Congenital Myasthenic Syndrome (Labrador Retriever Type)	NORMAL (N/N) - [NO VARIANT DETECTED]
✓	Degenerative Myelopathy	NORMAL (N/N) - [NO VARIANT DETECTED]
✓	Dystrophic Epidermolysis Bullosa (Golden Retriever Type)	NORMAL (N/N) - [NO VARIANT DETECTED]
✓	Elliptocytosis B-spectrin (Labrador Retriever/Poodle Type)	NORMAL (N/N) - [NO VARIANT DETECTED]
✓	Exercise Induced Collapse (Retriever Type)	NORMAL (N/N) - [NO VARIANT DETECTED]
✓	Gangliosidosis GM2 (Poodle Type)	NORMAL (N/N) - [NO VARIANT DETECTED]
✓	Generalised PRA 1 (Golden Retriever Type)	NORMAL (N/N) - [NO VARIANT DETECTED]
✓	Generalised PRA 2 (Golden Retriever Type)	NORMAL (N/N) - [NO VARIANT DETECTED]
✓	Hereditary Nasal Parakeratosis/Dry Nose (Labrador Retriever Type)	NORMAL (N/N) - [NO VARIANT DETECTED]
✓	Hyperuricosuria	NORMAL (N/N) - [NO VARIANT DETECTED]
✓	Ichthyosis (Golden Retriever Type 2)	NORMAL (N/N) - [NO VARIANT DETECTED]
✓	Ichthyosis A (Golden Retriever)	NORMAL (N/N) - [NO VARIANT DETECTED]
✓	Macular Corneal Dystrophy (Labrador Type)	NORMAL (N/N) - [NO VARIANT DETECTED]

Owner's Name : Kristie Cox

Pet Name : Dolly

Microchip Number 981020063445901

Approved Collection Method : No





Scan to authenticate  
this Report online

## Genetic Summary Report

### Health Tests Reported (Continued)

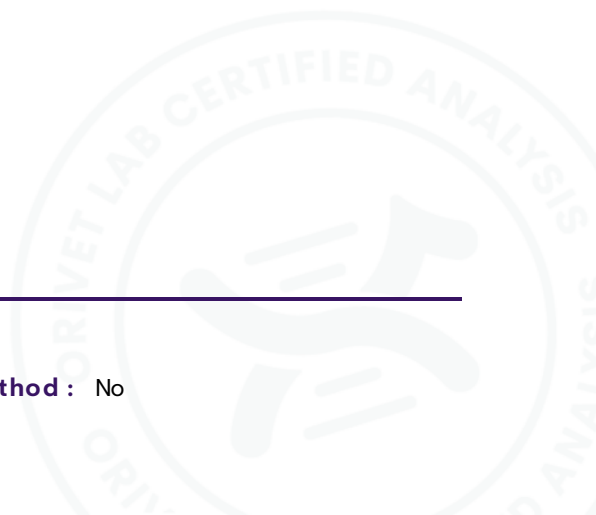
Breed Sense	Diseases	Result
✓	Malignant Hyperthermia	NORMAL (N/N) - [NO VARIANT DETECTED]
✓	Muscular Dystrophy (Golden Retriever Type)	NORMAL (N/N) - [NO VARIANT DETECTED]
✓	Myotubular Myopathy X-Linked (Labrador Retriever Type)	NORMAL (N/N) - [NO VARIANT DETECTED]
✓	Narcolepsy (Labrador)	NORMAL (N/N) - [NO VARIANT DETECTED]
✓	Neonatal Encephalopathy (Poodle Type)	NORMAL (N/N) - [NO VARIANT DETECTED]
✓	Neuronal Ceroid Lipofuscinosis NCL (Golden Retriever Type)	NORMAL (N/N) - [NO VARIANT DETECTED]
✓	Osteogenesis Imperfecta (Golden Retriever Type)	NORMAL (N/N) - [NO VARIANT DETECTED]
✓	Progressive Rod Cone Degeneration (prcd) - PRA	NORMAL (N/N) - [NO VARIANT DETECTED]
✓	Pyruvate Kinase Deficiency (Labrador Type)	NORMAL (N/N) - [NO VARIANT DETECTED]
✓	Sex Determination - ZFX/Y	DOG IS FEMALE
✓	Skeletal Dysplasia 2 (Mild Disproportionate Dwarfism)	NORMAL (N/N) - [NO VARIANT DETECTED]
✓	von Willebrand's Disease Type I	NORMAL (N/N) - [NO VARIANT DETECTED]
	Achromatopsia (Labrador Type)	NORMAL (N/N) - [NO VARIANT DETECTED]
	Congenital Methemoglobinemia (Poodle and Pomeranian Type)	NORMAL (N/N) - [NO VARIANT DETECTED]
	Ehlers-Danlos Syndrome (Labrador Type)	NORMAL (N/N) - [NO VARIANT DETECTED]
	Osteochondrodysplasia (Min Poodle Type)	NORMAL (N/N) - [NO VARIANT DETECTED]

Owner's Name : Kristie Cox

Pet Name : Dolly

Microchip Number 981020063445901

Approved Collection Method : No





Scan to authenticate  
this Report online

## Genetic Summary Report

### Health Tests Reported

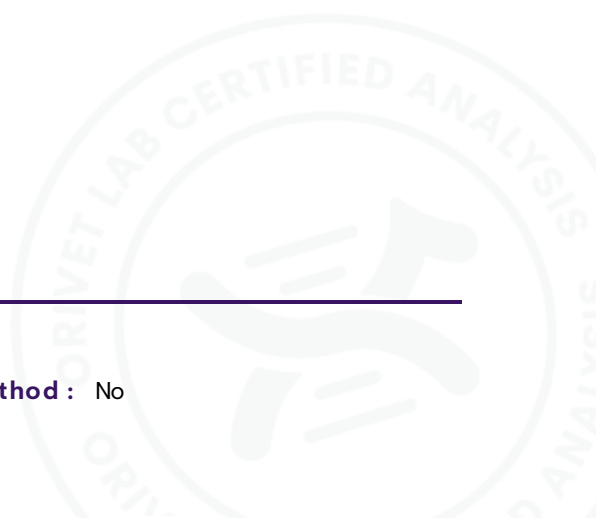
Breed Sense	Diseases	Result
	Stargardt Disease (Retinal Degeneration)	NORMAL (N/N) - [NO VARIANT DETECTED]

**Owner's Name :** Kristie Cox

**Pet Name :** Dolly

**Microchip Number** 981020063445901

**Approved Collection Method :** No





Scan to authenticate  
this Report online

## Genetic Summary Report

### Health Tests Reported (Continued)

Breed Sense	Traits	Result
✓	A Locus (Agouti)	$a^y/a$ - FAWN/RED/SABLE CARRIES SOLID BLACK/BICOLOUR
✓	B Locus - Bd, Bs, Bc [Various Breeds]	BB [BcBc BdBd BsBs] - DOES NOT CARRY BROWN/RED/LIVER or CHOCOLATE
✓	Curly Coat/Hair Variant 1	TWO COPIES OF THE R151W (C1) VARIANT - LIKELY TO HAVE CURLY (TIGHT) HAIR PHENOTYPE
✓	D (Dilute) Locus	D/D - NO COPY OF MLPH-D ALLELE (DILUTE) - PIGMENT IS NORMAL
✓	E Locus - (Cream/Red/Yellow)	$e/e$ - HOMOZYGOUS FOR NON-EXTENSION [WHITE/YELLOW/APRICOT/WHEATEN]
✓	EM (MC1R) Locus - Melanistic Mask	$E^n/E^n$ - NO MELANISTIC MASK ( $E^n$ ) EXTENSION ALLELE
✓	Furnishings (RSPO2)	F/IC - CARRIES ONE COPY FURNISHINGS - WILL SHOW FURNISHINGS
✓	I Pheomelanin Locus Colour Intensity	I/i - ONE COPY OF THE MFS12 INTENSITY/CREAM ALLELE (NOT LIKELY TO SHOW EXTREME DILUTION)
✓	K Locus (Dominant Black)	KB / $k^y$ or $k^{br}$ - ONE COPY DOMINANT BLACK (KB) and ONE COPY OF NON-BLACK ( $k^y$ ) dog MAY be brindled
✓	M Locus (Merle/Dapple)	$m/m$ [171/171bp] - NON MERLE SOLID COAT (NO CHANGE TO COAT COLOUR)
✓	Pheomelanin Intensity CFA15 (Retriever and Poodle Type)	i/i - TWO COPIES OF THE CFA15 INTENSITY ALLELE (LIKELY TO SHOW EXTREME DILUTION)
✓	Pied (BOTH SINE and REPEAT VARIANTS)	S/S - NO PIEBALD, WHITE SPOTTING, FLASH OR PARTI COAT COLOUR
✓	Shedding (MC5R)	SHD/shd [MODERATE SHEDDING] - ONE COPY OF THE SHD (MC5R) VARIANT DETECTED [REFER TO FURNISHINGS (IC) FOR LEVEL]
	Body Size IGSF1 "Bulky Gene"	HETEROZYGOUS ONE COPY INSULIN LIKE GROWTH FACTOR (IGF1R) - ASSOCIATED WITH A MEDIUM BODY (BULKY) SIZE
	Coat Composition CFA28 Gene (Double/Single Coat)	UDC/udc - ONE COPY OF THE DOUBLE COAT (DENSE UNDERCOAT) PHENOTYPE DETECTED
	Dilute D2 Variant (Chow Chow Type)	$D^2/D^2$ - NO COPY OF $d2$ ALLELE (DILUTE) - PIGMENT IS NORMAL
	Long Hair Gene - L1 (Canine C95F)	POSITIVE - SHOWING THE PHENOTYPE

Owner's Name : Kristie Cox

Pet Name : Dolly

Microchip Number 981020063445901

Approved Collection Method : No



Scan to authenticate  
this Report online

## Genetic Summary Report

### Health Tests Reported

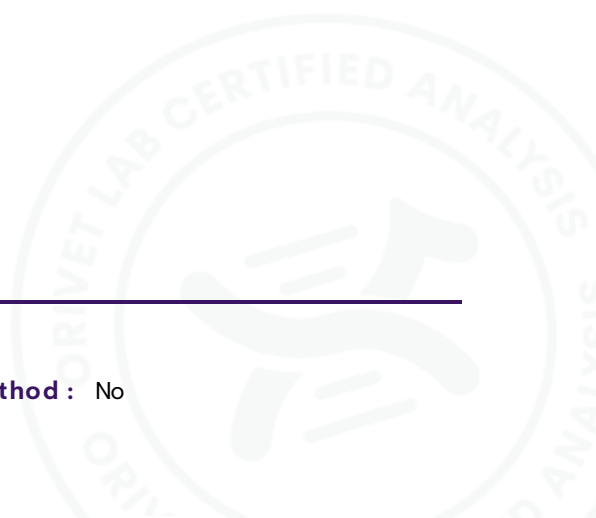
Breed Sense	Traits	Result
	Pheomelanin Intensity CFA18 (Poodle/Coonhound Type)	I/i- ONE COPY OF THE CFA18 INTENSITY ALLELE (NOT LIKELY TO SHOW EXTREME DILUTION)

**Owner's Name :** Kristie Cox

**Pet Name :** Dolly

**Microchip Number** 981020063445901

**Approved Collection Method :** No



# Glossary of Genetic Terms (Results)



## CLARIFICATION OF GENETIC TESTING

The goal of genetic testing is to provide breeders with relevant information to improve breeding practices in the interest of animal health. However, genetic inheritance is not a simple process, and may be complicated by several factors. Below is some information to help clarify these factors.

The goal of genetic testing is to provide breeders with relevant information to improve breeding practices in the interest of animal health. However, genetic inheritance is not a simple process, and may be complicated by several factors. Below is some information to help clarify these factors.

- 1) Some diseases may demonstrate signs of what Geneticists call "genetic heterogeneity". This is a term to describe an apparently single condition that may be caused by more than one mutation and/or gene
- 2) It is possible that there exists more than one disease that presents in a similar fashion and segregates in a single breed. These conditions -although phenotypically similar - may be caused by separate mutations and/or genes.
- 3) It is possible that the disease affecting your breed may be what Geneticists call an "oligogenic disease". This is a term to describe the existence of additional genes that may modify the action of a dominant gene associated with a disease. These modifier genes may for example give rise to a variable age of onset for a particular condition, or affect the penetrance of a particular mutation such that some animals may never develop the condition.

The range of hereditary diseases continues to increase and we see some that are relatively benign and others that can cause severe and/or fatal disease. Diagnosis of any disease should be based on pedigree history, clinical signs, history (incidence) of the disease and the specific genetic test for the disease. Penetrance of a disease will always vary not only from breed to breed but within a breed, and will vary with different diseases. Factors that influence penetrance are genetics, nutrition and environment. Although genetic testing should be a priority for breeders, we strongly recommend that temperament and phenotype also be considered when breeding.

Orivet Genetic Pet Care aims to frequently update breeders with the latest research from the scientific literature. If breeders have any questions regarding a particular condition, please contact us on (03) 9534 1544 or [admin@orivet.com](mailto:admin@orivet.com) and we will be happy to work with you to answer any relevant questions.

