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Genetic Summary Report

Animal Name: GRAFFITI

Owner:
Olga Storozhuk Plamadeala
Membership Number : Not assigned
Member Body/Breed Club: Not assigned

Approved Collection Method: No

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Owner's details

Name:	Olga Storozhuk Plamadeala

Animal's Details

Registered Name :	Okean Nezhnosti Graffiti Of Tild
Pet Name :	GRAFFITI
Registration Number :	SBT 011125 059
Breed: :	Ragdoll
Microchip Number :	
Sex: :	Female
Date of Birth :	11th Jan 2025
Colour :	Seal Tortie Point/Mitted

Sample Collection Details

Case Number :	25FB23718
Collected By :	
Approved Collection :	No
Sample Type :	SWAB

Test Details

Test Requested :	My CatScan™
Pet Name :	GRAFFITI
Date of Test :	7th Oct 2025

Authorisation

Sample with Lab ID Number 25FB23718 was received at Orivet Genetics, DNA was extracted and analysed with the following result reported:

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Orivet Genetic Analyst

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Health Tests Reported (Continued)

Breed Sense	Diseases	Result
✓	Hypertrophic Cardiomyopathy - Ragdoll	NORMAL (N/N) - [NO VARIANT DETECTED]
✓	Polycystic Kidney Disease	NORMAL (N/N) - [NO VARIANT DETECTED]
	Acute Intermittent Porphyria (Variant 1)	NORMAL (N/N) - [NO VARIANT DETECTED]
	Acute Intermittent Porphyria (Variant 2)	NORMAL (N/N) - [NO VARIANT DETECTED]
	Acute Intermittent Porphyria (Variant 3)	NORMAL (N/N) - [NO VARIANT DETECTED]
	Acute Intermittent Porphyria (Variant 4) (Siamese Type 1)	NORMAL (N/N) - [NO VARIANT DETECTED]
	Acute Intermittent Porphyria (Variant 5) (Siamese Type 2)	NORMAL (N/N) - [NO VARIANT DETECTED]
	Acute Intermittent Porphyria (Variant 6)	NORMAL (N/N) - [NO VARIANT DETECTED]
	Alpha Mannisidosis (Persian/Domestic Type)	NORMAL (N/N) - [NO VARIANT DETECTED]
	Autoimmune Lymphoproliferative Syndrome	NORMAL (N/N) - [NO VARIANT DETECTED]
	Chylomicronemia - Lipoprotein Lipase Deficiency (Domestic Type)	NORMAL (N/N) - [NO VARIANT DETECTED]
	Congenital Adrenal Hyperplasia	NORMAL (N/N) - [NO VARIANT DETECTED]
	Congenital Erythropoietic Porphyria, Variant 1 (Feline)	NORMAL (N/N) - [NO VARIANT DETECTED]
	Congenital Erythropoietic Porphyria, Variant 2 (Feline)	NORMAL (N/N) - [NO VARIANT DETECTED]
	Congenital Hypothyroidism (Feline)	NORMAL (N/N) - [NO VARIANT DETECTED]
	Congenital Myasthenic Syndrome	NORMAL (N/N) - [NO VARIANT DETECTED]

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Health Tests Reported (Continued)

Breed Sense	Diseases	Result
	Cystinuria, Type 1A (Feline)	NORMAL (N/N) - [NO VARIANT DETECTED]
	Cystinuria, Type B, Variant 1 (Feline)	NORMAL (N/N) - [NO VARIANT DETECTED]
	Cystinuria, Type B, Variant 2 (Feline)	NORMAL (N/N) - [NO VARIANT DETECTED]
	Cystinuria, Type B, Variant 3 (Feline)	NORMAL (N/N) - [NO VARIANT DETECTED]
	Cystinuria, Type B, Variant 4 (Feline)	NORMAL (N/N) - [NO VARIANT DETECTED]
	Cystinuria, Type B, Variant 5 (Feline)	NORMAL (N/N) - [NO VARIANT DETECTED]
	Dihydropyrimidinase Deficiency (Feline)	NORMAL (N/N) - [NO VARIANT DETECTED]
	Epidermolysis Bullosa Simplex (Feline)	NORMAL (N/N) - [NO VARIANT DETECTED]
	Factor XII Deficiency, Variant 1 (Feline)	NORMAL (N/N) - [NO VARIANT DETECTED]
	Factor XII Deficiency, Variant 2 (Feline)	NORMAL (N/N) - [NO VARIANT DETECTED]
	Factor XII Deficiency, Variant 3 (Feline)	NORMAL (N/N) - [NO VARIANT DETECTED]
	Feline Leukocyte Adhesion Deficiency, Type 1 (Feline)	NORMAL (N/N) - [NO VARIANT DETECTED]
	Feline Spongy Encephalopathy (Feline)	NORMAL (N/N) - [NO VARIANT DETECTED]
	Folded Ears with Osteochondrodysplasia (Feline)	f/f - TYPICAL (NON-FOLDED) EARS
	Forebrain Commissural Malformation (Feline)	NORMAL (N/N) - [NO VARIANT DETECTED]
	Frontonasal Dysplasia (Burmese Head Defect)	NORMAL (N/N) - [NO VARIANT DETECTED]

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Health Tests Reported (Continued)

Breed Sense	Diseases	Result
	Gangliosidosis GM1 (Japanese Domestic Type)	NORMAL (N/N) - [NO VARIANT DETECTED]
	Gangliosidosis GM2A (Feline)	NORMAL (N/N) - [NO VARIANT DETECTED]
	Glycogen Storage Disease Type IV (Norwegian Forest Cat Type)	NORMAL (N/N) - [NO VARIANT DETECTED]
	GM1 - Gangliosidosis	NORMAL (N/N) - [NO VARIANT DETECTED]
	GM2 Gangliosidosis (Burmese Type)	NORMAL (N/N) - [NO VARIANT DETECTED]
	GM2 Gangliosidosis (Korat Type)	NORMAL (N/N) - [NO VARIANT DETECTED]
	GM2 Gangliosidosis, Type II	NORMAL (N/N) - [NO VARIANT DETECTED]
	Haemophilia B (Variant 1)	NORMAL (N/N) - [NO VARIANT DETECTED]
	Haemophilia B (Variant 2)	NORMAL (N/N) - [NO VARIANT DETECTED]
	Hyperoxaluria GRHPR (Domestic Short/Long Hair Type)	NORMAL (N/N) - [NO VARIANT DETECTED]
	Hypertrophic Cardiomyopathy (Sphynx Type Risk Factor) (Feline)	NORMAL (N/N) - [NO VARIANT DETECTED]
	Hypertrophic Cardiomyopathy - Maine Coon	NORMAL (N/N) - [NO VARIANT DETECTED]
	Hypogonadotropic Hypogonadism (Feline)	NORMAL (N/N) - [NO VARIANT DETECTED]
	Hypokalaemia Periodic Polymyopathy - Burmese	NORMAL (N/N) - [NO VARIANT DETECTED]
	Hypotrichosis with Short Life Expectancy (Feline)	NORMAL (N/N) - [NO VARIANT DETECTED]
	Inflammatory Linear Verrucous Epidermal Nevus (Feline)	NORMAL (N/N) - [NO VARIANT DETECTED]

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Health Tests Reported (Continued)

Breed Sense	Diseases	Result
	L-2-Hydroxyglutaric Aciduria (Feline)	NORMAL (N/N) - [NO VARIANT DETECTED]
	Methemoglobinemia, Variant 1 (Feline)	NORMAL (N/N) - [NO VARIANT DETECTED]
	Methemoglobinemia, Variant 2 (Feline)	NORMAL (N/N) - [NO VARIANT DETECTED]
	Mucolipidosis II (Feline)	NORMAL (N/N) - [NO VARIANT DETECTED]
	Mucopolysaccharidosis Type I	NORMAL (N/N) - [NO VARIANT DETECTED]
	Mucopolysaccharidosis Type VI (Siamese Type)	NORMAL (N/N) - [NO VARIANT DETECTED]
	Mucopolysaccharidosis Type VII, Variant 1 (Feline)	NORMAL (N/N) - [NO VARIANT DETECTED]
	Mucopolysaccharidosis Type VII, Variant 2 (Feline)	NORMAL (N/N) - [NO VARIANT DETECTED]
	Myotonia Congenita (Feline)	NORMAL (N/N) - [NO VARIANT DETECTED]
	Neuronal Ceroid Lipofuscinosis 6 (Feline)	NORMAL (N/N) - [NO VARIANT DETECTED]
	Neuronal Ceroid Lipofuscinosis 7, Variant 1 (Feline)	NORMAL (N/N) - [NO VARIANT DETECTED]
	Neuronal Ceroid Lipofuscinosis 7, Variant 2 (Feline)	NORMAL (N/N) - [NO VARIANT DETECTED]
	Niemann-Pick C1 Disease, Variant 1 (Feline)	NORMAL (N/N) - [NO VARIANT DETECTED]
	Niemann-Pick C1 Disease, Variant 2 (Feline)	NORMAL (N/N) - [NO VARIANT DETECTED]
	Niemann-Pick C2 Disease (Feline)	NORMAL (N/N) - [NO VARIANT DETECTED]
	Niemann-Pick Disease - Sphingomyelinosis	NORMAL (N/N) - [NO VARIANT DETECTED]

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Health Tests Reported

Breed Sense	Diseases	Result
	Polycystic Kidney Disease (Siberian Type)	NORMAL (N/N) - [NO VARIANT DETECTED]
	Primary Congenital Glaucoma (Feline)	NORMAL (N/N) - [NO VARIANT DETECTED]
	Progressive Retinal Atrophy (Abyssinian Type)	NORMAL (N/N) - [NO VARIANT DETECTED]
	Progressive Retinal Atrophy (Bengal Type)	NORMAL (N/N) - [NO VARIANT DETECTED]
	Progressive Retinal Atrophy (Persian Type)	NORMAL (N/N) - [NO VARIANT DETECTED]
	Pyruvate Kinase Deficiency (Feline)	NORMAL (N/N) - [NO VARIANT DETECTED]
	Rod-Cone Dysplasia (Feline)	NORMAL (N/N) - [NO VARIANT DETECTED]
	Spinal Muscular Atrophy	NORMAL (N/N) - [NO VARIANT DETECTED]
	Vitamin D-Dependent Rickets Type IB (Feline)	NORMAL (N/N) - [NO VARIANT DETECTED]
	Vitamin D-dependent Rickets, Type IA, Variant 1 (Feline)	NORMAL (N/N) - [NO VARIANT DETECTED]
	Vitamin D-dependent Rickets, Type IA, Variant 2 (Feline)	NORMAL (N/N) - [NO VARIANT DETECTED]

Owner's Name : Olga Storozhuk Plamadeala **Pet Name :** GRAFFITI

Microchip Number **Approved Collection Method :** No

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Health Tests Reported (Continued)

Breed Sense	Traits	Result
✓	Agouti	a/a - SOLID - NO TABBY EXPRESSION ALLOWED
✓	Blood Groups	A/A - A BLOOD GROUP
✓	Chocolate & Cinnamon	B/B - BLACK COAT COLOUR
✓	Dilute (MLPH)	D/d - CARRIER OF DILUTE [ONE COPY OF DILUTE ALLELE PRESENT]
✓	Long Hair / Short Hair	lh^4/lh^4 - LONGHAIRED
✓	White Gloves (Birman Pattern)	N/N - DOES NOT CARRY THE GLOVING PATTERN
	Amber and Russet Coat Colour - E Locus	E/E- NON-AMBER, DARKLY PIGMENTED COAT COLOUR
	Coat Type - Curly (Devon Rex, Selkirk Rex Type) or Hairless (Sphynx Type) - R Locus	R/R - STRAIGHT COAT
	Curly Coat - Cornish Rex	Cu/Cu - STRAIGHT COAT
	Dominant White & White Spotting [W LOCUS]	W or w^s/w - WHITE COAT COLOUR (W/w) OR WHITE SPOTTING (w^s/w) (CARRIER FOR NON-SPOTTING)
	Golden/Sunshine Coat (Siberian Type) - Wb Locus	Wb/Wb - NON-SUNSHINE TABBY
	Multiple Drug Resistance (Feline)	NORMAL (N/N) - [NO VARIANT DETECTED]
	Oculocutaneous Albinism (Feline)	NORMAL (N/N) - [NO VARIANT DETECTED]
	Pointed Coat Colour and Albinism - C Locus	c^s/c^s - SIAMESE POINTS
	Polydactyly (Feline)	pd/pd - NORMAL (TYPICAL) TOES
	Sex Determination - ZFXY (Feline)	CAT IS FEMALE
	Short Tail (Bobtail) - T Locus (Feline)	t/t - NORMAL LENGTH TAIL

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Health Tests Reported

Breed Sense	Traits	Result
	Short Tail (Japanese Bobtail Type) (Feline)	st/st - NORMAL LENGTH TAIL
	Tabby Coat Colour Pattern - Mc Locus (Feline)	Mc/Mc - MACKEREL (WILDTYPE) TABBY COAT COLOUR PATTERN
	Ticked - Ti Locus (Feline)	ti+/ti+ - NON-TICKED TABBY

Owner's Name : Olga Storozhuk Plamadeala **Pet Name :** GRAFFITI

Microchip Number **Approved Collection Method :** No

Glossary of Genetic Terms (Results)

NORMAL (N/N) - [NO VARIANT DETECTED]

No presence of the variant (mutation) has been detected. The animal is clear of the disease and will not pass on any disease-causing mutation.

CARRIER (P/N) - [ONE COPY OF THE VARIANT DETECTED]

This is also referred to as HETEROZYGOUS. One copy of the normal gene and copy of the affected (mutant) gene has been detected. The animal will not exhibit disease symptoms or develop the disease. Consideration needs to be taken if breeding this animal – if breeding with another carrier or affected or unknown then it may produce an affected offspring.

POSITIVE (P/P) - [TWO COPIES OF THE VARIANT DETECTED]

Two copies of the disease gene variant (mutation) have been detected also referred to as HOMOZYGOUS for the variant. The animal may show symptoms (affected) associated with the disease. Appropriate treatment should be pursued by consulting a Veterinarian.

POSITIVE HETEROZYGOUS [ONE COPY OF THE DOMINANT VARIANT DETECTED]

Also referred to as POSITIVE ONE COPY or POSITIVE HETEROZYGOUS. This result is associated with a disease that has a dominant mode of inheritance. One copy of the normal gene (wild type) and affected (mutant) gene is present. Appropriate treatment should be pursued by consulting a Veterinarian. This result can still be used to produce a clear offspring.

NORMAL BY PARENTAGE HISTORY

The sample submitted has had its parentage verified by DNA. By interrogating the DNA profiles of the Dam, Sire and Offspring this information together with the history submitted for the parents excludes this animal from having this disease. The controls run confirm that the dog is NORMAL for the disease requested.

NORMAL BY PEDIGREE

The sample submitted has had its parentage verified by Pedigree. The pedigree has been provided and details(genetic testing reports) of the parents have been included. Parentage could not be determined via DNA profile as no sample was submitted.

NO RESULTS AVAILABLE

Insufficient information has been provided to provide a result for this test. Sire and Dam information and/or sample may be required. This result is mostly associated with tests that have a patent/license and therefore certain restrictions apply. Please contact the laboratory to discuss.

INDETERMINABLE

The sample submitted has failed to give a conclusive result. This result is mainly due to the sample failing to "cluster" or result in the current grouping. A recollection is required at no charge.

DNA PROFILE

Also known as a DNA fingerprint. This is unique for the animal. No animal shares the same DNA profile. An individual's DNA profile is inherited from both parents and can be used for verifying parentage (pedigrees). This profile contains no disease or trait information and is simply a unique DNA signature for that animal.

Glossary of Genetic Terms (Results)

PARENTAGE VERIFICATION/ QUALIFIES/CONFIRMED OR DOES NOT QUALIFY/EXCLUDED

Parentage is determined by examining the markers on the DNA profile. A result is generated and stated for all DNA parentage requests.Parentage confirmation reports can only be generated if a DNA profile has been carried out for Dam, Offspring and possible Sire/s.

PENDING

PENDING

TRAIT (PHENOTYPE)

A feature that an animal is born with (a genetically determined characteristic).Traits are a visual phenotype that range from colour to hair length, and also includes certain features such as tail length. If an individual is AFFECTED for a trait then it will show that characteristic eg.AFFECTED for the B (Brown) Locus or bb will be brown/chocolate.

POSITIVE – SHOWING THE PHENOTYPE

The animal is showing the trait or phenotype tested.

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 and we will be happy to work with you to answer any relevant questions.