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# Genetic Summary Report

**Animal Name:** Chantroness Chantilly

**Owner:**
Brooke Babin
Membership Number : Not assigned
Member Body/Breed Club: Not assigned

Approved Collection Method: No

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# Genetic Summary Report

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## Owner's details

| | |
|---|---|
| Name: | Brooke Babin |

## Animal's Details

| | |
|---|---|
| Registered Name : | Sunova Chantroness Chantilly |
| Pet Name : | Chantroness Chantilly |
| Registration Number : | SBT 053025 004 |
| Breed: : | Siberian Forest Cat |
| Microchip Number : | 956000017949690 |
| Sex: : | Female |
| Date of Birth : | 30th May 2025 |
| Colour : | black corin silver and white |

## Sample Collection Details

| | |
|---|---|
| Case Number : | 25FB18767 |
| Collected By : | |
| Approved Collection : | No |
| Sample Type : | SWAB |

## Test Details

| | |
|---|---|
| Test Requested : | My CatScan™ |
| Pet Name : | Chantroness Chantilly |
| Date of Test : | 24th Oct 2025 |

## Authorisation

Sample with Lab ID Number 25FB18767 was received at Orivet Genetics, DNA was extracted and analysed with the following result reported:

.....

Orivet Genetic Analyst

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# Genetic Summary Report

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## Health Tests Reported (Continued)

| Breed Sense | Diseases | Result |
|---|---|---|
| ✓ | Polycystic Kidney Disease | NORMAL (N/N) - [NO VARIANT DETECTED] |
| ✓ | Polycystic Kidney Disease (Siberian Type) | 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] |



**Owner's Name :** Brooke Babin

**Pet Name :** Chantroness Chantilly

**Microchip Number** 956000017949690

**Approved Collection Method :** No

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# Genetic Summary Report

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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 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] |
| | Gangliosidosis GM1 (Japanese Domestic Type) | NORMAL (N/N) - [NO VARIANT DETECTED] |

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## Health Tests Reported (Continued)

| Breed Sense | Diseases | Result |
|---|---|---|
| | 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] |
| | Hypertrophic Cardiomyopathy - Ragdoll | 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] |



**Owner's Name :** Brooke Babin

**Pet Name :** Chantroness Chantilly

**Microchip Number** 956000017949690

**Approved Collection Method :** No

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# Genetic Summary Report

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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 |
|---|---|---|
| | 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] |

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# Genetic Summary Report

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## Health Tests Reported (Continued)

| Breed Sense | Traits | Result |
|---|---|---|
| ✓ | Agouti | A/A - TABBY EXPRESSION ALLOWED |
| ✓ | Blood Groups | A/A - A BLOOD GROUP |
| ✓ | Chocolate & Cinnamon | B/B - BLACK COAT COLOUR |
| ✓ | Dilute (MLPH) | D/D - NO DILUTE ALLELE PRESENT [FULL COLOUR] |
| ✓ | Long Hair / Short Hair | $lh^4/lh^4$ - LONGHAIRED |
| | 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 | $wb^{SIB}/wb^{SIB}$ - 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/C - NON-POINTED COAT |
| | 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 |
| | Short Tail (Japanese Bobtail Type) (Feline) | st/st - NORMAL LENGTH TAIL |

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## Health Tests Reported

| Breed Sense | Traits | Result |
|---|---|---|
| | Tabby Coat Colour Pattern - Mc Locus (Feline) | INDETERMINABLE [INCONCLUSIVE RESULT - RECOLLECTION REQUIRED] |
| | Ticked - Ti Locus (Feline) | ti+/ti+ - NON-TICKED TABBY |
| | White Gloves (Birman Pattern) | N/N - DOES NOT CARRY THE GLOVING PATTERN |

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**Pet Name :** Chantroness Chantilly

**Microchip Number** 956000017949690

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