

CatCheck Analysis Results

Luna

Chip Number: 752 094 100 377 834 - Testkit ID: VETSE-22165

CatCheck Analysis Details

Testkit ID: VETSE-22165

Sample Number: 260527-74679

Owner: CAROLINE OLSSON

Sample Material: Buccal swab

Created on: 19-06-2026

Official Name: Luna

Call Name: Luna

Breed: Abyssinian

Gender: Female

Chip Number: 752 094 100 377 834

Studbook Number: -

The identity of the animal was confirmed using a microchip or tattoo by the following person:

Unknown

Explanation of Results

CLEAR:

The test result "clear" means that there is NO mutation for a specific genetic disease.

CARRIER:

The test result "carrier" means that your cat carries ONE copy of the mutation for a specific genetic disease. However, your cat may not develop clinical symptoms due to this mutation, as normally two copies of a mutation are necessary for the onset of the disease.

AT RISK/AFFECTED:

The test result "at risk" means that your cat carries ONE or TWO copies of a mutation for a specific genetic disease that is associated with a particular disorder. Depending on the type of inheritance (recessive or dominant) of a specific genetic disease, one or two altered copies of a particular gene are necessary for the onset of a specific disease.

NO CALL:

The test result "no call" indicates that no result could be determined for a specific disease or trait of your cat during the analysis. However, this does not mean that your cat is a carrier or at risk for this disease. There are various reasons why a specific test may fail. These can be unique variations in certain regions of the DNA that cause a test to not be completed successfully and thus not provide a result. It may also happen that too few cells remained when the buccal swab was taken, so there was too little material available for analysis. Bacteria or fungi that can multiply on the swabs if they are not dried sufficiently can also have a negative effect on the analysis quality. An acceptable number of test results for the CatCheck is 48 results. If your cat shows an unacceptable level of failed results, we will contact you for the submission of new sample material.

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Results - Diseases

Disease	Gene	Genotype	Genotype Interpretation
Congenital Erythropoietic Porphyria, Variant 1	UROS	WT/WT	Clear
Congenital Erythropoietic Porphyria, Variant 2	UROS	WT/WT	Clear
Congenital Myasthenic Syndrome, Devon Rex, Sphynx	COLQ	WT/WT	Clear
Cystinuria Type B, Variant 2, Maine Coon, Sphynx, Siamese	SLC7A9	WT/WT	Clear
Factor XII Deficiency, Variant 1	FXII	WT/WT	Clear
Factor XII Deficiency, Variant 2	FXII	WT/WT	Clear
Gangliosidosis GM1, Korat Siamese	GLB1	WT/WT	Clear
Hypertrophic Cardiomyopathy Risk Factor, Sphynx	ALMS1	WT/WT	Clear
Hypertrophic Cardiomyopathy, Domestic Shorthair	MYH7	WT/WT	Clear
Hypertrophic Cardiomyopathy, Maine Coon	MYBPC3	WT/WT	Clear
Hypertrophic Cardiomyopathy, Ragdoll	MYBPC3	WT/WT	Clear
Hypokalemic Periodic Paralysis, Burmese	WNK4	WT/WT	Clear
Hypotrichosis with Short Life Expectancy, Burmese	FOXN1	WT/WT	Clear
Multi Drug Resistance	ABCB1	WT/WT	Clear
Polycystic Kidney Disease	PKD1	WT/WT	Clear
Progressive Retinal Atrophy, Abyssinian	CEP290	WT/WT	Clear
Progressive retinal atrophy, Bengal	CIF3B	WT/WT	Clear
Pyruvat Kinase Deficiency	PKLR	WT/WT	Clear

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Results - Coat Colors & Traits

Trait	Gene	Genotype	Genotype Interpretation
A-Locus (Agouti), Charcoal Variant 1, Bengal	ASIP	a/a	Solid – No tabby possible
A-Lokus (Agouti), solid	ASIP	A/A	Tabby expression possible
B-Locus (Coat Colour)	TYRP1	b1/b1	Brown Coat Colour (Cinnamon)
<i>B-Locus, Chocolate (b)</i>	TYRP1	B/B	
<i>B-Locus, Cinnamon (b1)</i>	TYRP1	b1/b1	
C-Locus (Point Markings)	TYR	C/C	Non-pointed coat
<i>C-Locus, Albino Variant</i>	TYR	C/C	
<i>C-Locus, Point Variant1, Burmese</i>	TYR	C/C	
<i>C-Lokus, Point Variante 2, Siamese</i>	TYR	C/C	
Curly Coat, Cornish Rex	LAPR6	Cu/Cu	No curls
D-Locus, Dilution	MLPH	d/d	Color diluted
E-Locus, Amber (e), Norwegian Forrest Cat	MC1R	E/E	No amber, dark pigmentation
E-Locus, Russet (er), Burmese	MC1R	E/E	No russet, dark pigmentation
Folded ears with osteochondrodysplasia	TRPV4	f/f	Normal ears, no folded ears
L-Locus (Long hair)	FGF5	L/L	Short hair
<i>L-Locus (Long hair) I1-Variant, Ragdoll</i>	FGF5	L/L	
<i>L-Locus (Long hair) I2-Variant, Norwegian Forest Cat</i>	FGF5	L/L	
<i>L-Locus (Long hair) I3-Variant, Ragdoll, Maine Coon</i>	FGF5	L/L	
<i>L-Locus (Long hair) I4-Variant</i>	FGF5	L/L	
<i>L-Lokus (Long hair) I5-Variant, Maine Coon</i>	FGF5	L/L	
M-Locus (Tabby Coat Pattern)	LVRN	mc1/mc1	Blotched (classic) tabby coat color pattern
<i>Mc-Locus (Tabby) Blottched Variant 1</i>	LVRN	mc1/mc1	
<i>Mc-Locus (Tabby) Blottched Variant 2</i>	LVRN	Mc/Mc	
<i>Mc-Locus (Tabby) Blottched Variant 3</i>	LVRN	Mc/Mc	

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Trait	Gene	Genotype	Genotype Interpretation
Ti-Locus (Ticked) Variant1	DKK4	Ti/Ti	Ticked tabby
Ti-Locus (Ticked) Variant1	DKK4	ti+/ti+	Tabby without ticking
Wb-Locus (Cooper), British Shorthair	CORIN	Wb/Wb	No copper coloration
Wb-Locus (Extreme Sunshine), Siberian Forest Cat	CORIN	Wb/Wb	No gold coloration
Wb-Locus (Golden Sunshine), Siberian Forest Cat	CORIN	Wb/Wb	No gold coloration
White Gloves, Birman	KIT	N/N	No white mittens

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Results - Blood Type

Blood Type	Gene	Genotype	Genotype Interpretation
Blood Group	CMAH	A/A	Blood group A
<i>Bloodgroup B, Variant 1 (b1)</i>	CMAH	A/A	
<i>Bloodgroup B, Variant 2 (b2)</i>	CMAH	A/A	
<i>Bloodgroup C, Variant (ac) Ragdoll</i>	CMAH	A/A	



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