Blue Belle

Optimal Selection
powered by WISDOM PANEL™

Breed: Ragdoll
Microchip number: 933 000 321 358 251
Birth date: 2025-09-23

Test date: 2026-02-12
ID kit: FXMWSWZRPY

Blue Belle's Profile

Pet information

Registered name
Blue Belle

Sex
F

Owner reported breed
Ragdoll

Date of birth
2025-09-23

Microchip number
933 000 321 358 251

Genetic Diversity

Blue Belle's Percentage of Heterozygosity
36%

Health summary

At Risk	0 conditions
Carrier	0 conditions
Clear	50 conditions

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Genetic Diversity

Heterozygosity

Blue Belle's Percentage of Heterozygosity

36%

Blue Belle's genome analysis shows an average level of genetic heterozygosity when compared with other Ragdolls.

Typical Range for Ragdolls

32% - 37%

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Traits

Coat Color

	Gene	Variant	Copies	Result
Charcoal (Discovered in the Bengal)	ASIP	A^{Pb}	0	No effect
Solid Color Two copies of the Solid Color variant are needed for a cat to have solid colored hair. However, orange coloration overrides this effect, meaning that cats with partial or full orange coats can show tabby patterning in orange areas. Cats with zero or one copy of this variant are likely to have a tabby pattern due to color banding of the hairs.	ASIP	a	2	Solid color hairs likely
Gloving (Discovered in the Birman) Two copies of the Gloving variant and Birman ancestry are needed for a cat to show white feet due to this variant. The Gloving variant can be found in non-Birman cats without having an effect on appearance and cats can have white feet without this variant suggesting other causes are yet to be discovered.	KIT	w^g	1	No effect
Partial and Full White	KIT	W or w^s	0	No effect
Amber (Discovered in the Norwegian Forest Cat)	MC1R	e	0	No effect
Russet (Discovered in the Burmese)	MC1R	e^r	0	No effect
Dilution Two copies of the Dilution variant are required to have a lightening effect on the coat.	MLPH	d	2	Lightened coat color likely
Albinism (Discovered in Oriental breeds)	TYR	c^a	0	No effect
Colorpoint (Discovered in the Burmese) Two copies of this variant result in a colorpoint pattern, although this can be blocked by other variants. Cats with one copy of the Colorpoint (Discovered in the Burmese) variant and one copy of the Colorpoint (Discovered in the Siamese) variant will show a lighter base coat color and more contrasting colorpoint pattern than cats with two copies of the Colorpoint (Discovered in the Burmese) variant.	TYR	c^b	1	Colorpoints possible

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Coat Color

	Gene	Variant	Copies	Result
Colorpoint (Discovered in the Siamese) Two copies of this variant result in a colorpoint pattern, although this can be blocked by other variants. Cats with one copy of the Colorpoint (Discovered in the Burmese) variant and one copy of the Colorpoint (Discovered in the Siamese) variant will show a darker base coat color and less contrasting colorpoint pattern than cats with two copies of the Colorpoint (Discovered in the Siamese) variant.	TYR	c^s	1	Colorpoints possible
Mocha (Discovered in the Burmese)	TYR	c^m	0	No effect
Chocolate	TYRP	b	0	No effect
Cinnamon Two copies of the Cinnamon variant result in cinnamon coat color.	TYRP	b^l	1	No effect

Coat Type

	Gene	Variant	Copies	Result
Long Hair (Discovered in many breeds)	FGF5	M4	0	No effect
Long Hair (Discovered in the Norwegian Forest Cat)	FGF5	M2	0	No effect
Long Hair (Discovered in the Ragdoll and Maine Coon) Two copies of any Long Hair variant must be inherited for a cat to have a long coat. This can either be two copies of a particular variant, such as this one, or two of any combination of Long Hair variants.	FGF5	M3	2	Long coat likely
Long Hair (Discovered in the Ragdoll)	FGF5	M1	0	No effect
Lykoi Coat (Variant 1)	HR	hr^{Ca}	0	No effect
Lykoi Coat (Variant 2)	HR	hr^{VA}	0	No effect
Hairlessness (Discovered in the Sphynx)	KRT71	re^{hr}	0	No effect
Rexing (Discovered in the Devon Rex)	KRT71	re^{dr}	0	No effect
Rexing (Discovered in the Cornish Rex and German Rex)	LPAR6	r	0	No effect