Noble Nala

Optimal Selection
powered by WISDOM PANEL™

Breed: Ragdoll
Birth date: 2025-03-30

Test date: 2025-05-09
ID kit: FZNLDHQ

Noble Nala's Profile

Pet information

Registered name
Noble Nala

Sex
F

Owner reported breed
Ragdoll

Date of birth
2025-03-30

Genetic Diversity

Noble Nala's Percentage of Heterozygosity
34%

Health summary

At Risk 0 conditions
Carrier 0 conditions
Clear 50 conditions

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Genetic Diversity

Heterozygosity

Noble Nala's Percentage of Heterozygosity

34%

Noble Nala'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)	KIT	w^g	0	No effect
Partial and Full White One or two copies of this variant will cause a part white or a full white appearance with blue coloration of one or both eyes possible.	KIT	W or w^s	2	Partly or fully white coat likely
Amber (Discovered in the Norwegian Forest Cat)	MC1R	e	0	No effect
Russet (Discovered in the Burmese)	MC1R	e^r	0	No effect
Dilution	MLPH	d	0	No effect
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
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

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Coat Color

	Gene	Variant	Copies	Result
Mocha (Discovered in the Burmese)	TYR	c^{m}	0	No effect
Chocolate Cats with either two copies of the Chocolate variant or one copy of the Chocolate variant and one copy of the Cinnamon variant are likely to have a chocolate coat color.	TYRP	b	2	Chocolate coat color likely
Cinnamon	TYRP	b^{l}	0	No effect

Coat Type

	Gene	Variant	Copies	Result
Long Hair (Discovered in many breeds) 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	M4	2	Long coat likely
Long Hair (Discovered in the Norwegian Forest Cat)	FGF5	M2	0	No effect
Long Hair (Discovered in the Ragdoll and Maine Coon)	FGF5	M3	0	No effect
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
Glitter	Pending	gl	0	No effect