



We performed 39 genetic trait tests on Hilltop Pups Murray's DNA.

First, we learned he's a very good boy. But here's what else we found.

Coat Color & Type

More than 20 genes combine to determine a dog's coat. And we tested them all for Hilltop Pups Murray!

Coat Color

9 Traits

Recessive Red

2 copies

Cream to red



Tan Points

2 copies

Tan points possible



Dominant Black

1 copy

Black or brindle



Chocolate (Variant 1)

0 copies

Black nose and features possible



Chocolate (Variant 2)

0 copies

Black nose and features possible



Fawn

0 copies

Not fawn



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Grizzle

0 copies

Not grizzle



Mask

0 copies

No dark muzzle



Recessive Black

0 copies

Not black due to this variant



Coat Patterns

4 Traits

Piebald

1 copy

White markings



Harlequin

0 copies

Not harlequin



Merle

0 copies

Not merle



Saddle Tan

0 copies

No saddle



Coat Length and Curl

2 Traits

Long Hair

2 copies

Long coat



Curly Coat

1 copy

Soft curl or wave



Hairlessness

3 Traits

Hairlessness (Discovered in the American Hairless Terrier)

0 copies

Not hairless due to this variant



Hairlessness (Discovered in the Chinese Crested Dog)

0 copies

Not hairless due to this variant



Hairlessness (Discovered in the Scottish Deerhound)

0 copies

Not hairless due to this variant



More Coat Traits

4 Traits

Furnishings

2 copies

Furnishings likely



Reduced Shedding

1 copy

Occasional shedder



Albino

0 copies

Not albino due to this variant



Hair Ridge

0 copies

No hair ridge



Hilltop Pups Murray's Ideal Weight Range is

19-32 lbs

We analyzed 7 separate genes in Hilltop Pups Murray's DNA and ran the results through our algorithm to determine Hilltop Pups Murray's ideal weight range.

Body Features

We analyzed 10 separate genes to learn more about Hilltop Pups Murray's various body features.

Head Shape

2 Traits

Short Snout (Variant 2)

1 copy

Long/average snout



Short Snout (Variant 1)

0 copies

Long/average snout



Hind Dewclaws

2 Traits

Hind Dewclaws (Discovered in Asian breeds)

0 copies

No hind dewclaws



Hind Dewclaws (Discovered in Western breeds)

0 copies

No hind dewclaws



More Body Features

6 Traits

Back Muscle and Bulk

0 copies

Lean



Blue Eyes

0 copies

Dark or amber eyes likely



Floppy Ears

0 copies

Pricked ears more likely



High Altitude Adaptation

0 copies

Not high altitude tolerant



Short Legs

0 copies

Medium to long legs



Short Tail

0 copies

Full tail length



Want to learn more?

We're actively engaged in research to discover the genetic underpinnings of pet health and traits, and we'd love to give you a peek at what we're finding.

Follow Our Research: <https://www.wisdompanel.com/en-us/our-research>