

DISCOVER ALL
ABOUT MOXIE

The results are in!

Let's take a look at what the DNA told us about Moxie's ancestry...

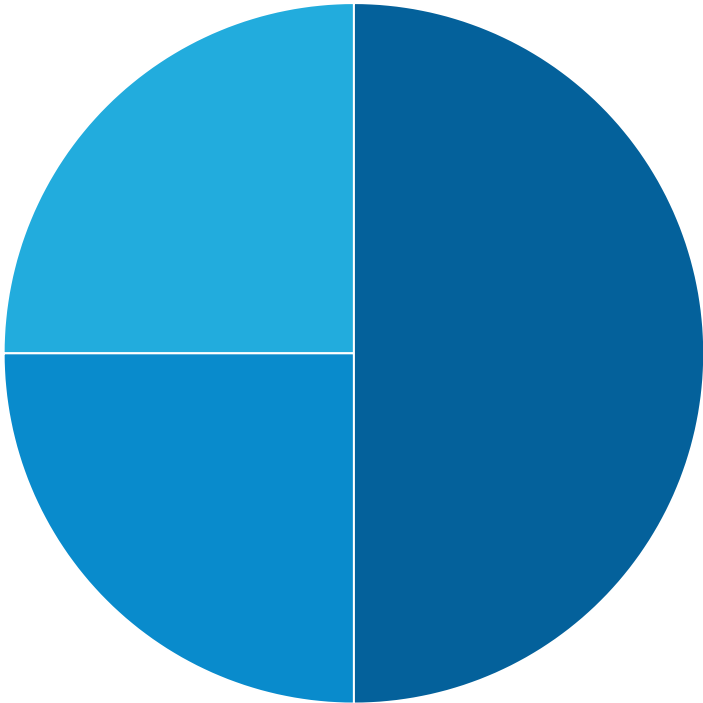
Get Started!



▲
About Moxie

MOXIE'S BREED BY PERCENTAGE

Exciting news, the results are in! Here's what makes Moxie so unique. Using the data generated from Moxie's DNA, our sophisticated computer algorithm performed over 17 million calculations! What you see here is Moxie's ancestry by percentage.



- 50% Bichon Frise
- 25% Lhasa Apso
- 25% Shih Tzu

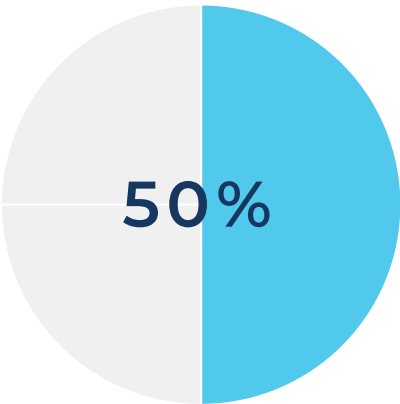
 Moxie's Genetic Health Results

Surprised by the results?
See the science

Next Up: Bichon Frise
▼



BICHON FRISE



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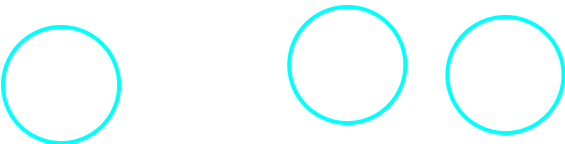
‘Bichon Frise’ actually means ‘curly lapdog.’



APPEARANCE

► Height

9 - 11 in



► Weight (show)

7 - 12 lb

► Weight (pet)

6 - 16 lb



Happy, active, intelligent, and usually friendly dogs.

Respond well to reward-based training techniques.

Bichon Frises enjoy learning tricks, and dog sports such as retrieving, agility, rally and competitive obedience.

Good family dogs, but should be closely supervised around children to avoid accidental injury to the dog or child.

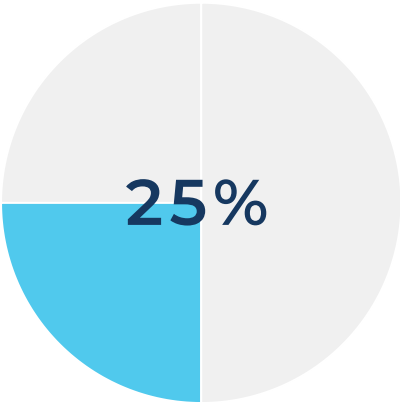
DID YOU KNOW?

You'd be forgiven for thinking that 'Bichon Frise' translates as 'small fluffy bundles of cuteness' – but it actually means 'curly lapdog.' These feisty and affectionate dogs are thought to have descended from the Barbet or Water Spaniel and have been charming us since the Renaissance. The early popularity of the breed is evident, as the French invaders of Italy in the 16th century brought many of the dogs home with them. The Bichon Frise became established in French royal court society and under the reign of Henry III, they were treated like royalty themselves – with the royal court Bichons in particular having loving attention lavished on them. Today, their affectionate and companionable natures make it almost impossible for their owners not to do the same.

All dogs should be considered individual animals. Because each is a product of their unique environment and handling, they may exhibit different traits and behaviors than those listed here.

[See all the breeds we analyzed.](#)

LHASA APSO





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They can trace their roots to the sacred city of Lhasa.

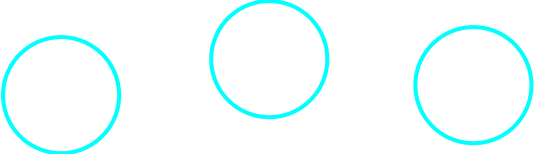


APPEARANCE

► Height
10 - 11 in

► Weight (show)
9 - 16 lb

► Weight (pet)
9 - 19 lb



Intelligent, watchful, alert, and independent dogs. As good watchdogs, they may bark.

Stubborn tendencies may be lessened by using reward-based training involving small treats.

Lhasa Apsos are moderately active dogs and since they are small do well in apartments.

They can be wary or shy around strangers and may require careful socialization to prevent or reduce defensive aggressive tendencies.



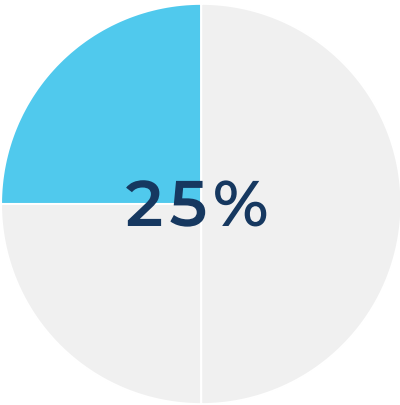
DID YOU KNOW?

Lhasa Apsos can trace their roots to the sacred city of Lhasa, the capital of Tibet. There, in and around 800 B.C., it's believed these fearless and assertive dogs were raised by monks from Tibetan monasteries. They were traditionally kept indoors as a second line of defense against intruders, using their keen hearing to alert the monks of any break-ins. After World War II, several of them were imported from China and, in the early 1930s, the breed eventually found its way to America. The original monks who kept these sweet little dogs believed that to be in the presence of a Lhasa Apso was to be blessed with good fortune. We couldn't agree more.

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SHIH TZU



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Happy and outgoing little dogs.



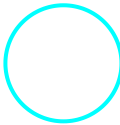
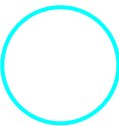
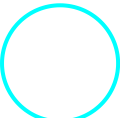
APPEARANCE

► Height

10 - 11 in

► Weight (show)

10 - 15 lb



10 - 18 lb

► Weight (pet)
10 - 21 lb

Alert, active, playful and are usually friendly dogs. Can participate in dog sports such as agility and rally or competitive obedience.

Stubborn tendencies may be lessened by using reward-based training involving small treats and favorite toys.

Shih Tzus are moderately active when indoors and since they are small do well in apartments.

May be intimidated by other dogs, causing defensive barking leading to confrontations.

DID YOU KNOW?

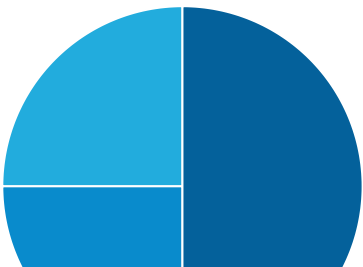
There's a tale behind how these happy and outgoing little dogs came to be. During the 17th century, the Dalai Lama gave a Lhasa Apso to the Emperor of China. The Emperor had a Pekingese in his palace, who then mated with the Lhasa, resulting in the world's first litter of Shih Tzu puppies. Shih Tzu became popular in the Imperial Court but, after the death of Empress Tzu-Hsi in 1908, breeding came to a stop. Worse came with the Communist Revolution in China, which nearly caused these dogs to become extinct. It's said 14 Shih-Tzus were introduced into England, however, and the breed was saved. We're grateful for that small miracle. And the small miracle that is the Shih-Tzu.

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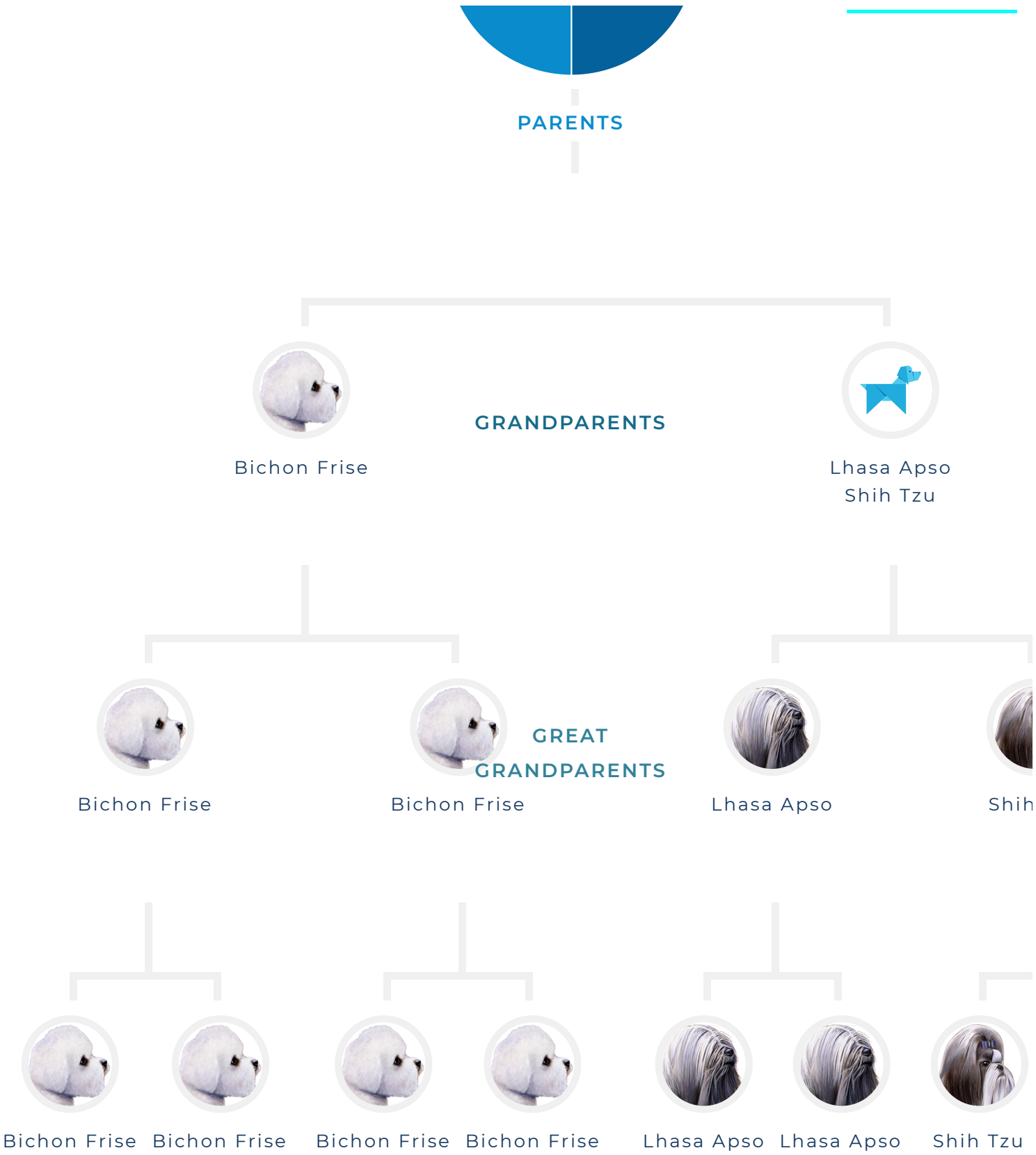
[See all the breeds we analyzed.](#)

MOXIE'S FAMILY TREE

MOXIE



50% [Bichon Fr](#)
25% [Lhasa Aps](#)
25% [Shih Tzu](#)



Moxie's Genetic Health Results

Find out how we built Moxie's family tree.

MOXIE'S CERTIFICATE



Now you can finally tell everyone what breeds are in Moxie! Just click one of the social icons below to share. You can also print it out to have it as a keepsake.

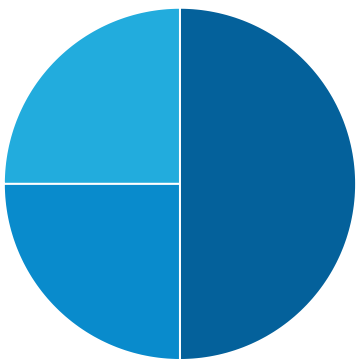
WISDOM PANEL



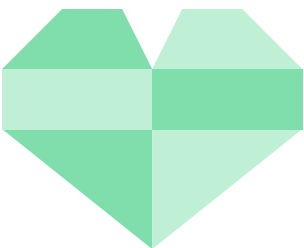
STATEMENT OF AUTHENTICATION

Owner's Name: **Andrew Mrotek**
Dog's Name: **Moxie**
Date: **November 7, 2017**

This certifies the authenticity of Moxie's canine genetic background as determined, following the careful analysis of more than 1800 genetic markers, by the WISDOM PANEL™ Canine DNA Test. The purebred breed signature matches included in the analysis are those that were detected in the last three generations of Moxie's ancestry using the Wisdom Health proprietary breed detection algorithm.



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- 25% Lhasa Apso
- 25% Shih Tzu



ALL ABOUT
MOXIE'S HEALTH

Ready to find out more important information about Moxie's health?

Let's get started!

MOXIE'S HEALTH RESULTS

We have tested Moxie's DNA for the following important genetic health conditions. The results can be seen below.



MULTIDRUG RESISTANCE 1, (MDR1)

CLEAR

Moxie has no copies of the MDR1 mutation and should not be affected by the disorder due to this genetic cause.

[View Details](#)

EXERCISE-INDUCED COLLAPSE, (EIC)

CLEAR

Moxie has no copies of the EIC mutation and should not be affected by the disorder due to this genetic cause.

[View Details](#)

MOXIE'S TRAITS

COAT COLORS

Agouti (A locus)



Extension (E locus)



Dominant Black (K locus)



Black/Brown (B locus)





- White Spotting (S locus) ✓
- Harlequin (H locus) ✓
- Saddle ✓

COAT TYPE

- Coat length (FGF5) ✓

BODY TRAITS

- Ear Carriage ✓
- Tail Length (Bobtail) ✓

IDEAL WEIGHT

Based on our findings, we've calculated that Moxie's ideal, adult weight should be:

9 lbs - 19 lbs ?
lbs kgs

Maintaining a healthy weight is a key factor in Moxie having a long and healthy life.

IS MOXIE THE CORRECT WEIGHT FOR HER BODY SIZE?



You can feel the ribs, spine and pelvic bones very easily; there's no obvious fat.

A

You can feel the ribs, spine and pelvic bones easily; there's a little fat over the ribs.

B

You can feel the ribs, spine and pelvic bones fairly easily; there's also an obvious narrowing at the waist.

C

You cannot feel the ribs, spine and pelvic bones very easily; the waist is distinguishable not obvious; the belly is rounded.

D

You cannot see or really feel the ribs, spine and pelvic bones very easily; there's excess fat and you cannot see the waist. The belly is rounded and the base of the tail looks fat.

E

[See how weight is calculated.](#)