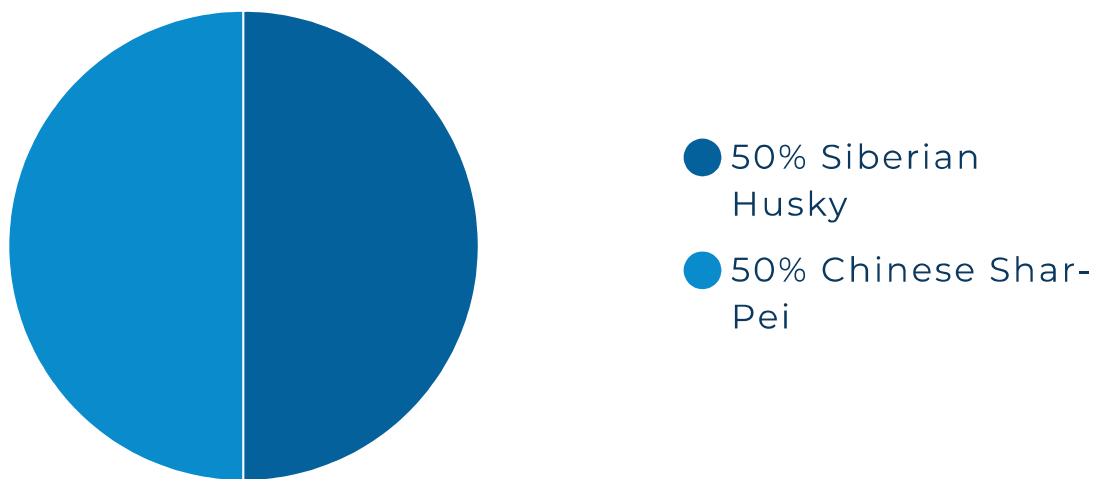


DISCOVER ALL
ABOUT POOKA

The results are in! Let's take a look at what the DNA told
us about Pooka's ancestry...

POOKA'S BREED BY PERCENTAGE



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

SIBERIAN HUSKY

INTELLIGENT AND HARD-WORKING DOGS.

- Active, social, and usually friendly dogs; often do well with children and other dogs.
- Siberian Huskies are energetic dogs and participate in dog sports such as sledding, skijoring (pulling a skier), and carting.
- Stubborn tendencies may be lessened by using reward-based training involving small treats and favorite toys.
- May engage in digging; might chase wildlife.

► Height

21 - 23 in

► Weight (show)

35 - 60 lb

► Weight (pet)

34 - 67 lb



DID YOU KNOW?

These intelligent and hard-working dogs have been used in a number of roles over the centuries. In no particular order, they include herding reindeer, pulling sleds and even keeping children warm. They have a long history of helping humans, in fact. Some say the breed began with the Chukchi tribe of Siberia, though various other tribes are occasionally credited with helping them evolve too. Siberian Huskies were made famous in 1925 when they delivered a diphtheria serum after a city was stricken by an epidemic. Though built for the harsher climes of Siberia, they managed to find their way to America in 1909. As one of the most popular dogs in the United States today, we're glad they made the journey.

CHINESE SHAR-PEI

ONE OF THE MOST ANCIENT BREEDS OF DOGS THAT WE KNOW ABOUT.

- Intelligent, independent, and alert dogs with a reputation of being loyal to the family.
- Independent spirit but responds well to a reward-based approach to training involving treats or favorite toys.
- Chinese Shar-Pei are moderately active dogs.
- The Chinese Shar-Pei was originally bred for various purposes including the guarding of people and/or property. Individual members of this breed will benefit from firm and dedicated training to temper this guarding tendency, and thus help to maintain safety as a household companion.

► Height

18 - 20 in

► Weight (show)

40 - 60 lb

► Weight (pet)

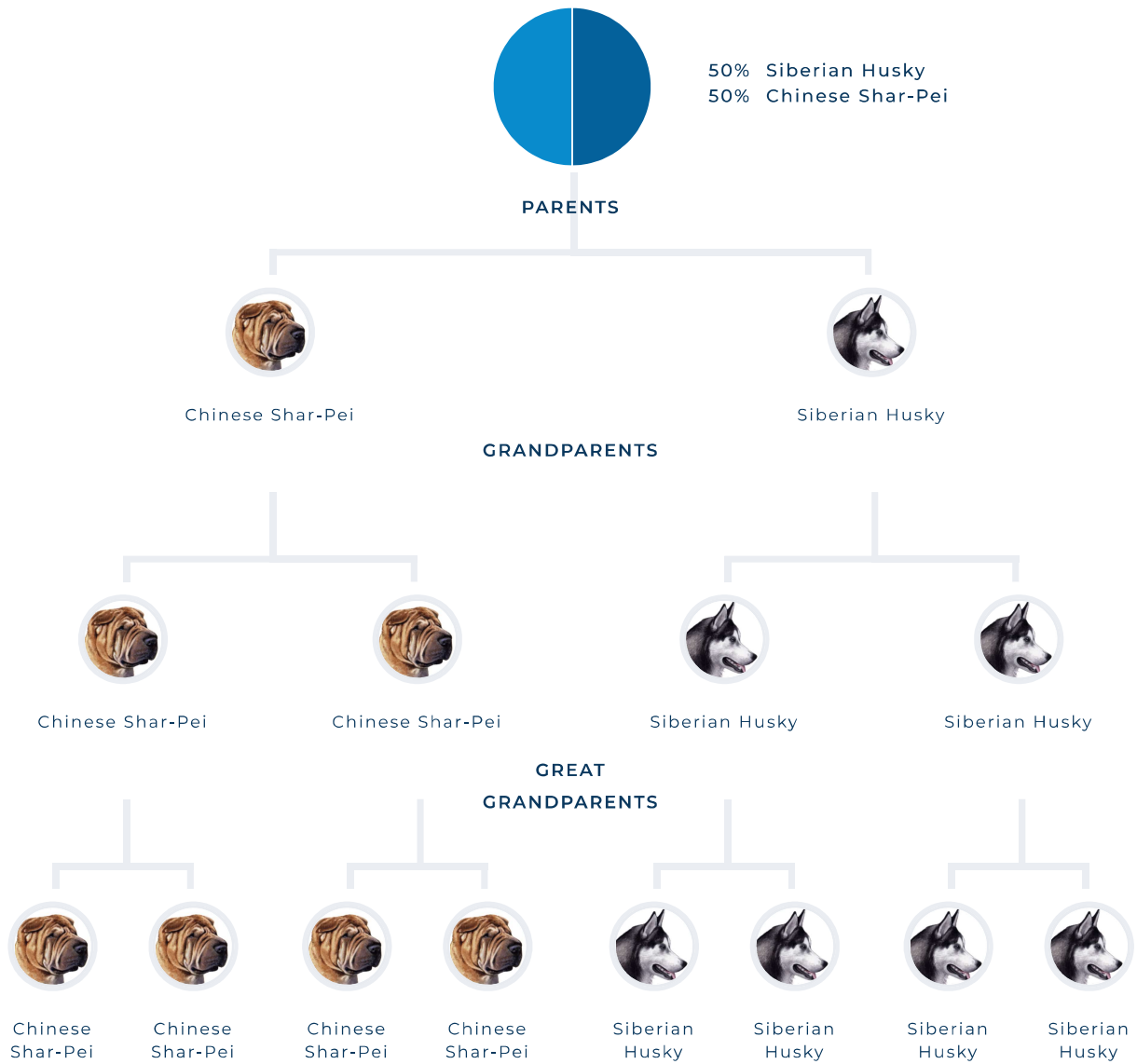
40 - 68 lb



DID YOU KNOW?

You could say it's ironic that the Shar-Pei's skin is so wrinkly, given that this is one of the most ancient breeds of dogs that we know about. It is thought they date back to the Han Dynasty in Southern China and that they're even featured in artwork dating as far back as 200 BC. The Shar-Pei was originally bred to be a farming and hunting dog. In the last century, they faced the threat of extinction when the communist regime in China outlawed them during the revolution. Fortunately for them (and us), keen American breeders assisted by importing them en masse into the United States. Today, they're no longer in danger of disappearing. Just as well, as we don't know what we'd do without these adorable pets.

POOKA'S FAMILY TREE



POOKA'S HEALTH RESULTS

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

MULTIDRUG SENSITIVITY (MDR1)



CLEAR

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

EXERCISE-INDUCED COLLAPSE (EIC)



CLEAR

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

POOKA'S TRAITS

Coat Color Main Possibilities	Pooka likely has a wolf-gray color coat, which could be banded with darker and lighter areas - as well as dark marking around the face that looks like a 'mask'. Though they have the 'agouti' gene, the exact pattern of their coat will also be affected by other genes. Some dogs with this result also have tan markings in some areas. (If they do, congratulations by the way. This is seriously rare).
Base Pigment Color	Pooka carries the gene for the 'expression' of black pigment. This means that even though their overall coat color may not be black, they are still able to make black pigment. They will also likely have black around their eyes, a black nose, and may even have black pads on their feet.
Furnishings	Pooka does not carry any copies of the gene for 'furnishings' (which would give them a fuzzy beard and eyebrows). This means they probably have smooth, short facial hair. Did you know you can often get 'furnished' and 'unfurnished' dogs within the same breed?
Coat Color Subtypes	Pooka carries one copy of the gene for white spotting so might have a fair bit of white in their coat. (Did you know white is not a color but a lack of pigment which acts to cover up a dog's natural base color?)
Coat Length and Type	Pooka's coat is probably on the short side. The exact length of a dog's coat is down to several factors so it can vary. Did you know some genes can even change how a short coat looks, including adding 'feathering', which results in longer hairs behind the ears, under the belly, and behind the legs?
Tail Length	Pooka likely was born with a long tail - although the exact length can vary from dog to dog. Long tails are sometimes known as 'coffee table clearers'. (If you've ever seen a long-tailed dog get excited near one, you'll know exactly why.)
Ear Carriage	A lot of factors can decide the shape of a dog's ear. But as far as we can tell, Pooka probably has perk or upright ears. Did you know this type of ear is recessive (which means you need a copy from each parent to show it)? Common breeds with upright ears include German Shepherd, Chihuahua and Husky.
Leg Length	Pooka's legs should be relatively long in length, based on this marker (though there can be other genes that affect leg length). Did you know different dogs can have different leg lengths even if they are the same breed?

IDEAL WEIGHT

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

39 lbs - **65** lbs

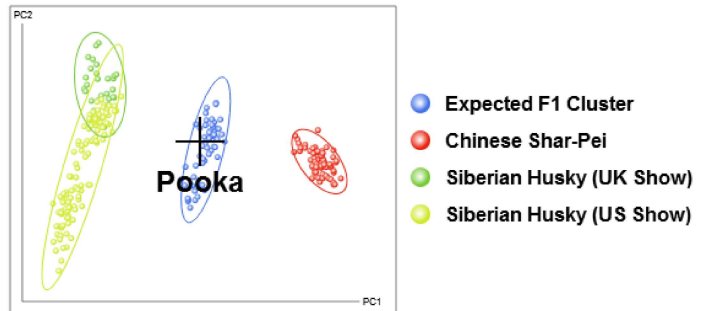
Maintaining a healthy weight is a key factor in Pooka having a long and healthy life.

ADDITIONAL BREED TESTS

Our family tree analysis shows that Pooka looks like a designer dog cross! We have included some extra tests free of charge to show how Pooka compares with the samples in the WISDOM PANEL™ database.

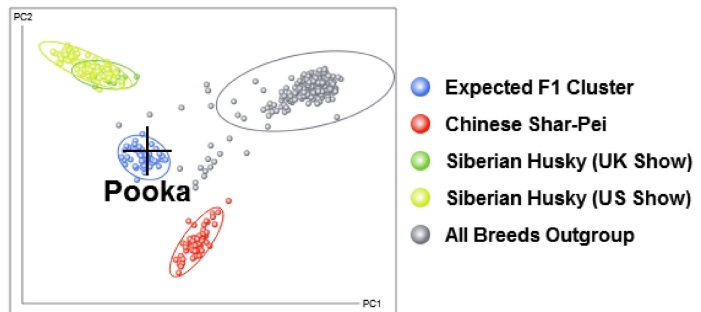
First-generation (F1) Cross

This analysis allows us to see how similar samples are. Each dog from our sample database is represented by a dot. Dogs from the same breed are expected to group together creating clusters. A cross between two breeds generally lies in-between the two parental breed clusters, shown by the “Expected F1 Cluster”. Pooka’s DNA sample falls within the “Expected F1 Cluster”, and between the Chinese Shar-Pei and clusters.



First-generation (F1) Cross vs. All Breeds

In this analysis Pooka’s data was compared against samples for Chinese Shar-Pei, , and a single representative sample from all the other breeds. We have also shown the “Expected F1 Cluster”. Pooka’s DNA sample falls within the “Expected F1 Cluster”, and between the Chinese Shar-Pei and clusters.



WISDOMTM PANEL



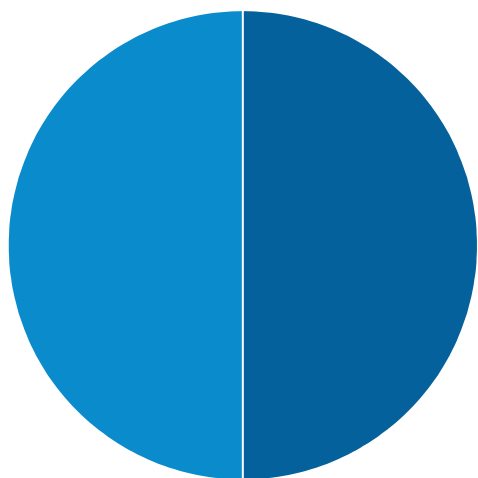
STATEMENT OF AUTHENTICATION

Owner's Name: **Rod Allrich**

Dog's Name: **Pooka**

Date: **December 8, 2018**

This certifies the authenticity of Pooka'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 Pooka's ancestry using the Wisdom Health proprietary breed detection algorithm.



● 50% Siberian Husky

● 50% Chinese Shar-Pei