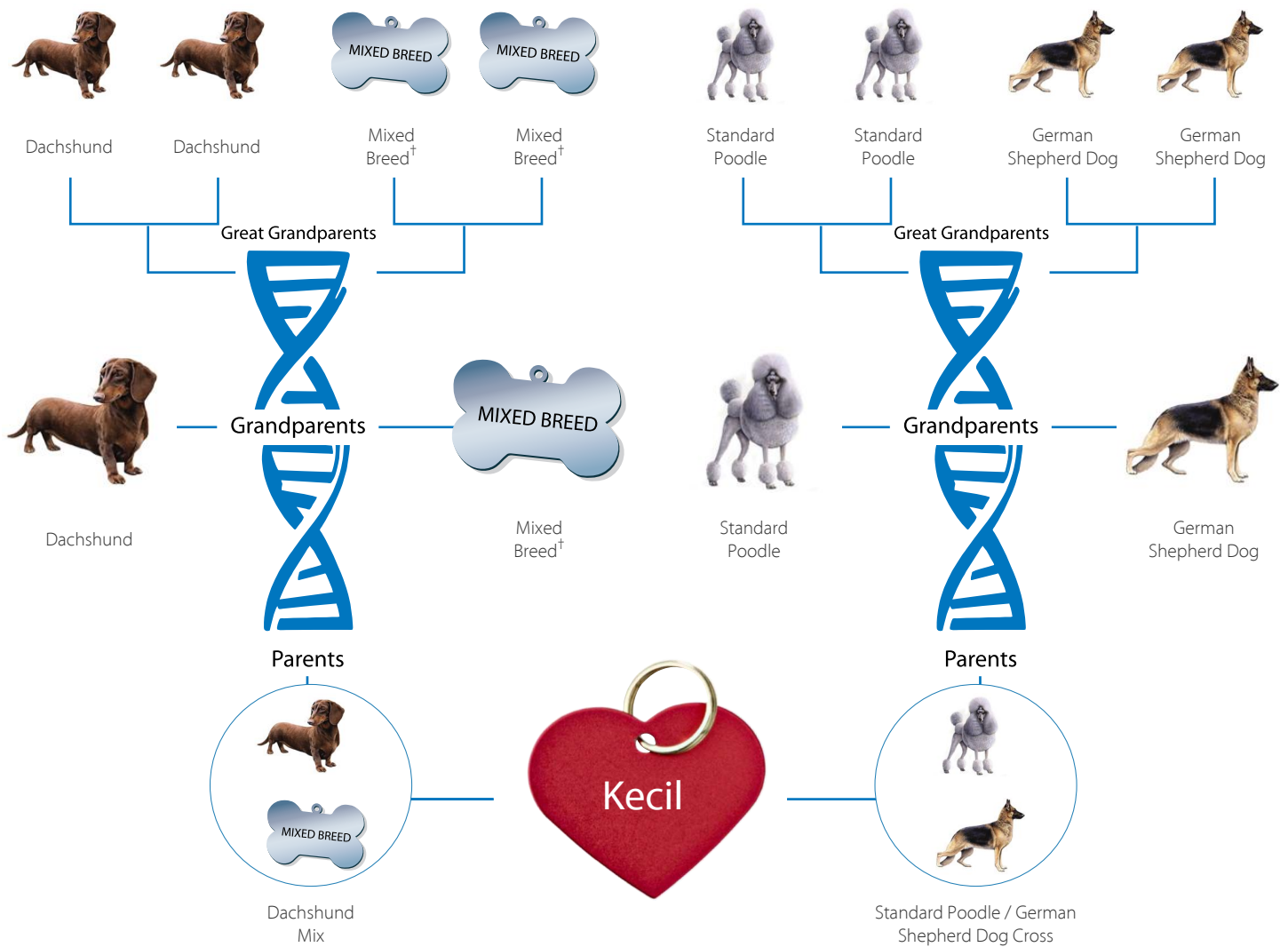


Ancestry Report

What breeds make up Kecil?

The Wisdom Panel™ Insights computer algorithm performed over seven million calculations using 11 different models (from a single breed to complex combinations of breeds) to predict the most likely combination of pure and mixed breed dogs in the last 3 ancestral generations that best fit the DNA marker pattern observed in Kecil. The ancestry chart depicting the best statistical result of this analysis is shown in the picture below.



Dachshund Mix crossed with Standard Poodle / German Shepherd Dog Cross

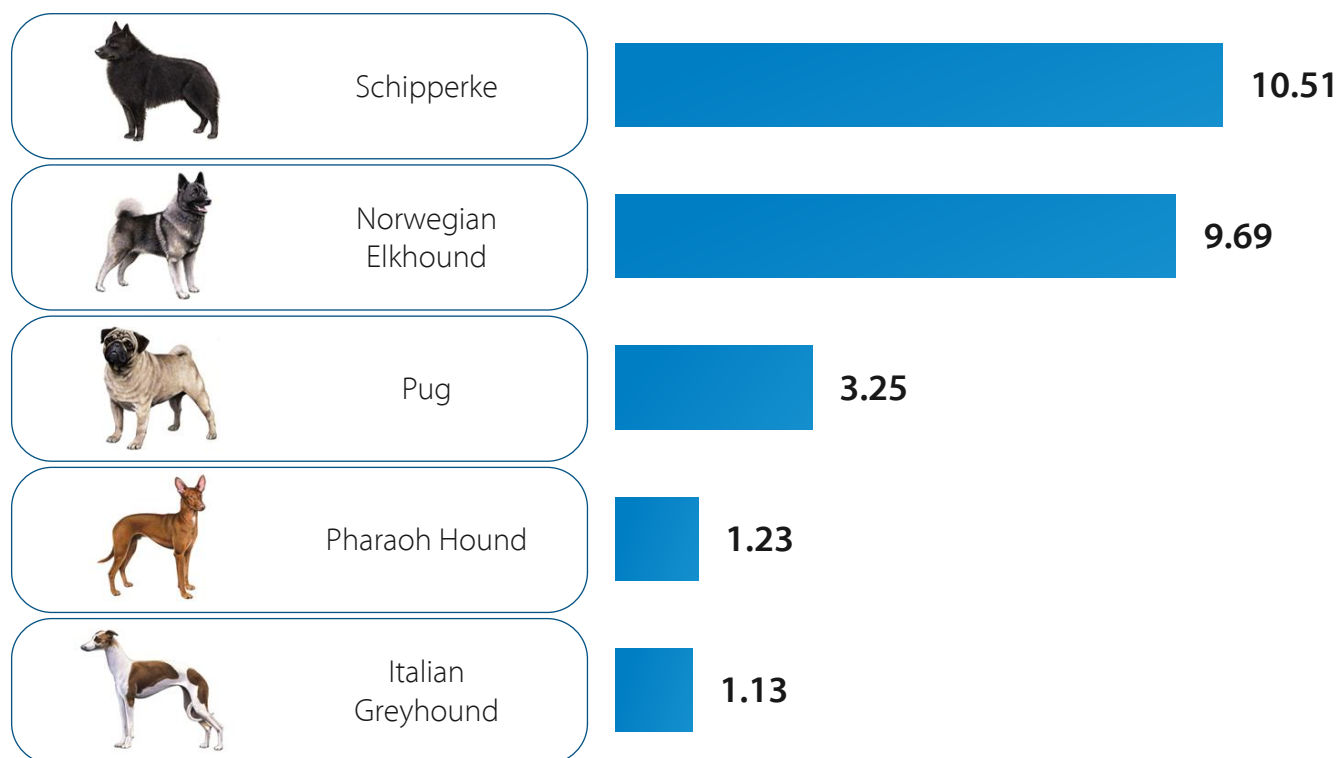


† Mixed breed Ancestor. See next page for more details...



What does the Mixed Breed Ancestor mean for my dog?

We have identified for you the 5 next best breed matches which appeared in the analysis of your dog's DNA. One or more of these breeds could have contributed to the genetic makeup of the ancestors indicated by the mixed breed icon. The breeds are listed by the relative strength of each result in our analysis with the most likely at the top of the list. There could also be a breed or breeds present in the mixed breed component that we cannot detect with our current database of purebred dogs.



How Wisdom Panel Insights Works

The process started when you sent a sample to our laboratory, where the DNA was extracted from the cells and examined for the 321 markers that are used in the test. The results for these markers were sent to a computer, that evaluated them using a program designed to consider all of the pedigree trees that are possible in the last three generations. The trees considered include a simple pedigree with a single breed (a likely pure-bred dog), two different breeds at the parental level (a first-generation cross), all the way up to a complex tree with eight different great-grandparent breeds allowed.

Our computer used information from over 185 breeds from our breed database to fill these potential pedigrees. For each of the millions of combinations of ancestry trees built and considered, the computer gave each a score representing how well that selected combination of breeds matched to your dog's data. The pedigree with the overall best score is the one which is shown on the ancestry chart. Only breeds that reached our set confidence threshold for reporting are reported in the ancestry chart.

German Shepherd Dog



Height:

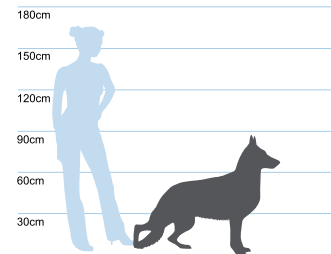
56 - 66 cm

Weight (Show):

22 - 40 kg

Weight (Pet):

22 - 44 kg



Ears:



Muzzle:



Tail:



The modern day German Shepherd breed is a cross between the long-haired, short-haired and wire-haired shepherd dogs of the German regions of Württemberg, Thuringia and Bavaria. Initially bred for herding, due to their strength, intelligence and excellent temperament, they became popular as guard dogs, guide dogs, search and rescue dogs, police dogs and military dogs. Max Emil Von Stephanitz sought to protect and refine the German Shepherd breed at the end of the nineteenth Century. German Shepherds were used as German police and military dogs during World Wars I and II. Allied soldiers during World War I took notice of the Shepherd's use as messenger dogs or search and rescue dogs as they were very good at locating wounded soldiers. Some soldiers introduced the breed to their home countries and the popularity of the German Shepherd took off, making it one of the most popular breeds in the world today.

German Shepherd Dogs are generally a combination of black and tan, though more or less black may be seen. There is also a "grey" variant where the tip of the hair is black and the rest is tan. A black mask and a black "saddle" are both common traits in this breed. Although not an AKC variant, all-white German Shepherds exist as a separate FCI breed. The coat comes in long and short varieties.



Do you recognize any of these German Shepherd Dog traits in KECIL?

- Personalities can vary from calm and watchful/observant to energetic.
- Eager to learn and respond well to reward-based training.
- Enjoy participating in dog sports such as agility, tracking, flyball, and competitive obedience.
- There have been reported incidents of German Shepherd Dogs being aggressive with other pets or people.

Dachshund



Height:

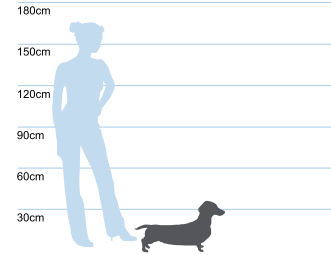
13 - 28 cm

Weight (Show):

6 - 14 kg

Weight (Pet):

7 - 15 kg



Ears:



Muzzle:

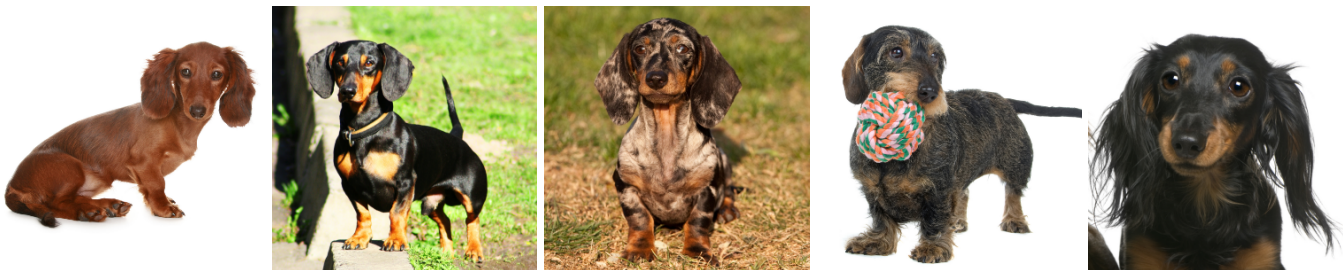


Tail:



The Dachshund, also known as the “hot dog” or “wiener dog,” dates back to the fifteenth century. Many accept the theory that the breed originated in Germany, although there is evidence that suggests that the breed may also have been present in Greece, Egypt, China and Mexico. The Dachshund was originally developed to hunt badgers, but they are also well-suited for hunting larger game. In 1888 the German Dachshund Club was founded and a breed standard was developed in an effort to promote a dog that was as beautiful as it was intelligent. Three different coats are associated with the breed, including the smooth coat, long coat and wirehaired coat. Dachshunds also come in different sizes including standard and miniature and are a very popular global breed.

The Dachshund is one of the more diverse breeds with three coat variants of wirehaired, shorthaired, and longhaired, as well as two size variants of miniature and standard. The coat colour is generally solid or bicolour with combinations of light and dark black and tan shades. The brindle and dapple patterns are also sometimes seen in this breed as well as blue eyes.



Do you recognize any of these Dachshund traits in KECIL?

- Alert, lively and active dogs.

- Because of their background as hunting dogs may engage in behaviours such as barking, scratching at the ground or digging and chasing wildlife.

- Enjoy activities that take advantage of its keen sense of smell like earthdog trials and both outdoor and indoor tracking. Many retrieve tennis balls.
- May be suspicious or fearful of strangers, in some cases as a way to avoid discomfort from being picked up due to their long-backed body.

Standard Poodle



Height:

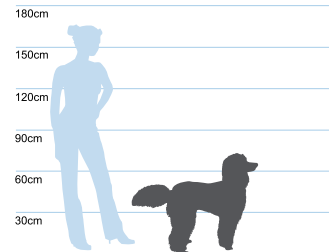
Over 38 cm

Weight (Show):

20 - 29 kg

Weight (Pet):

19 - 31 kg



Ears:



Muzzle:



Tail:



The Poodle is a breed with a long history and unknown origins. Poodles have been featured in royal artwork since the 1500's and although many think of it as a French breed, it is unlikely. Experts believe the Poodle may have originated in Central Europe or Russia, although it is also possible that the breed originated in Spain or Portugal. Another theory claims the Poodle was brought to France by German soldiers during the 1400's. It is not disputed however, that the modern traits of the breed were developed in France. Poodles are believed to be related to the Portuguese Water Dog and the Irish Water Spaniel. Though many regard Poodles as ornamental lap dogs, they are actually gun dogs with an excellent reputation for bird hunting and water retrieval. The name Poodle has its roots in an old German word meaning "to splash about," which is a reference to their fondness for water. Smaller Poodle breeds were developed in the 1700's, much later than the large Standard Poodle.

The Standard Poodle has a wide range of colours including solid blacks, greys, silvers, browns, apricots, creams and shading variations. Although the AKC standard does not permit particoloured dogs, this is an accepted variant by the UKC. Poodles have been historically clipped to aid performance so may look quite different unclipped.



Do you recognize any of these Standard Poodle traits in KECIL?

- Intelligent, calm, and usually friendly dogs.
- Some can have a high amount of energy.
- Have a sensitive nature and respond well to motivational tools such as treats or favourite toys in a reward-based approach to training.
- Generally good family dogs.

Thank you for choosing Wisdom Panel Insights to learn about your dog's family ancestry

Congratulations on taking the steps to learn about your dog's ancestry and to understand what breeds are in your mixed breed dog using Wisdom Panel™! Knowing your dog's breeds is more than a novelty - it is a medical necessity. Each breed in your pooch's genetic paw print has unique health concerns you should know about so that you can provide a lifetime of excellent care.

Visit www.Genesis4Pets.com to find out more about your dog's health-care needs: you'll feel better knowing that you're doing everything you can to keep your pal happy and healthy. In addition to loads of free, easy-to-understand information based on the latest medical research, you will receive a 50% discount on all downloadable health-care booklets that explain the common health concerns for individual breeds. Simply enter promotional code **WISDOM** when you check out to receive your discount (expires 30 days after you receive your Wisdom Panel report).

We recommend discussing your dog's ancestry report with your veterinarian, as he or she can help you use your Wisdom Panel *Insights* report to help better care for Kecil. The next time you visit your veterinarian, consider asking these questions in addition to any you come up with on your own:

- Are there any specific issues that may be relevant to my dog's well-being?
- Are there any special techniques that may help in training a dog with this particular mix?
- Are there any particular dietary considerations to bear in mind for a dog like mine?

Because you love your dog - share his story!

Join our online community of mixed-breed dog owners and share your dog's Wisdom Panel *Insights* report with the world. On our website you can:

- Register your dog and upload photos into our Wisdom Panel photo gallery
- Get help to show off your dog's breed profile on your blog, Dogster page, Facebook and MySpace profiles

Visit wisdompanel.co.uk and use the details below to create your dog's profile:

Owner Name: Jan Wessel

Test Report Code: 900008159

More insight

Learning more about the history of the breeds detected in Kecil can help you and your veterinarian better train, feed and care for your dog. Visit our online Breed Library at wisdompanel.co.uk.

Accessing your test status checker online also lets you view Mixed-Breed Genesis health reports provided by VetThink™ which are designed to assist you to take the best possible care of your dog throughout its life.



TERMS AND CONDITIONS:

Each dog is unique and their physical and behavioural traits will be the result of multiple factors, including genetics, training, handling, and environment. Wisdom Panel™ *Insights*' proprietary genetic analysis provides insight into the behavioural traits in breeds that have been identified in your dog. Wisdom Panel *Insights* is designed and intended to be used solely to identify the genetic make-up of a mixed-breed dog and no other purpose is intended, authorised, or permitted.

Upon receipt of your sample, Mars Veterinary will analyse your dog's DNA to determine the breeds present in your dog's ancestry with a reasonable degree of certainty. Mars Veterinary's testing procedures are designed to provide reliable and accurate results.

Wisdom Panel *Insights* is intended for use on mixed-breed dogs. The test was designed specifically to look for multiple breeds in a dog's ancestry and was not designed to validate the purity of a purebred dog. Mars Veterinary is not responsible for any errors in obtaining the swab sample or for any injuries or loss that may occur as a result.

In the unlikely event that it is not possible to determine breed history or that an error in the analysis occurs, liability by Mars Veterinary or related companies and individuals is disclaimed and damages in any event are limited to the payment actually received by Mars Veterinary for the specified analysis at issue.

Wisdom Panel *Insights* is based upon the Mars Veterinary database of validated breeds. If your dog contains other breeds, it may result in the identification of breeds, or a combination of breeds in the database, related to the breeds in your pet's history.

UK legislation dictates that ownership of dogs with particular types of breeds in their genetic background is prohibited without specific exemption from a court. You may want to check with your local authorities to determine if your dog's type is covered by the existing UK legislation. Neither Mars Veterinary nor any related company is responsible for compliance or notification regarding these matters.

Breed Ancestry Certification

Owner's name: **Jan Wessel**

Dog's name: **Kecil**

Date: **October 21, 2013**

BECAUSE I ♥ my dog.

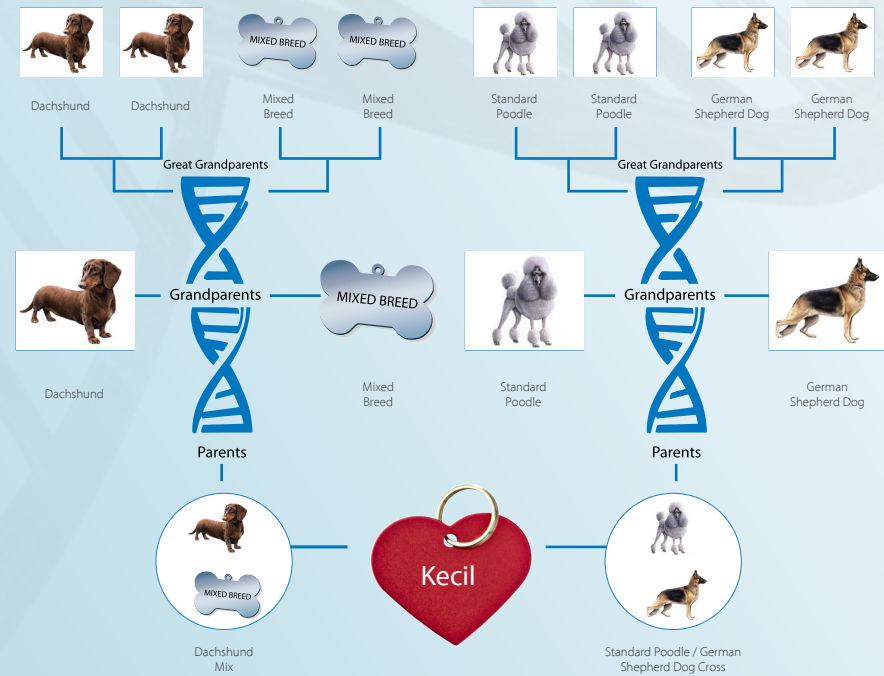
Statement of Authenticity

This certifies the authenticity of Kecil's canine genetic background as determined following careful analysis of more than 300 genetic markers using Wisdom Panel *Insights*. The purebred dog breed signature matches included in this analysis are those that were detected in the last three generations of Kecil's ancestry using the proprietary breed detection algorithm at Mars Veterinary.



Dr. Neale Fretwell

Research & Development Director



Dachshund Mix crossed with Standard Poodle / German Shepherd Dog Cross