

Markings

All you need to know, all in one place.

What are Markings?

- They are genes that go over modifiers and under white markings (or other genes like Cover markings).
- They have a 50% chance of showing over or under Dom White and Roan.

The Pheno of your geno will tell you how it expresses.

Pheno: Gold Cheetah under Roan [2/2]

Pheno: Gold Cheetah over Roan [2/2]

What Color are Markings?

- Unless otherwise stated in the individual gene guide, they are always black or darker than the base.
- They can be affected by dilution modifier genes like double cream and pearl.
 - The Wash gene will make them lighter than the base or white.
- Silver and Flaxen can also change the marking color, but it is optional!

You can find the in depth guide [here](#).

Designing Markings: Density and Spread

Sindow markings have two very important factors while designing and they are Density and Spread! These two factors determine where the marking shows up on the Sindow and how much of the marking shows up.

Density = How much of the marking

Spread = Where

- Density is always the first number and Spread is the second. They show up in the geno like this [0/2], [1/1] etc...
 - Some markings are not affected by density and/or spread. Its individual guide will say so.

- In breeding, these two things are rolled completely randomly. If you'd like to change your outcomes for these, you can win, purchase, or craft these items:

[Spread and Density Reroll Serum:](#)

Allows you to reroll Spread and Density for your geno. This is random, so you could end up with what you had before.

[Spread Tonic:](#) allows you to choose the Spread of the markings offspring of your Sindow.

[Density Tonic:](#) allows you to choose the Density of the markings offspring of your Sindow.

[Shop Link](#), [Crafting Link](#)

- Also, please pay attention to Variant Expression! Most markings express differently in the Variant Sindow breed. If a Variant Expression is not listed, then that means the marking shows the same on all types.

You can see the types of Density and Spread, as well as the Spread type min/max examples [here](#).

Secondary Markings

- These markings are an accent marking that goes along with your Sindow's main marking.
 - Secondary markings are typically bright in color, but don't have to be.
 - They will not be the same color as the marking and must be able to be differentiated from the secondary marking.
 - How secondary markings look is determined by the parent Sindows.
 - You can find more details here [Secondary Markings](#)

How to breed for markings:

If you're interested in how to breed for markings, you can go [HERE](#)

This doc gives percentage details