

Genetics

The video "[Genetics](#)" discusses the importance of genetics and the exciting future impacts that genetics and genomics may make to medicine and daily life.

Try This!

We are all shaped by our genetics. But don't be fooled not everything is caused by genetics! Can you tell the difference? Read the traits below. If you believe a trait is caused by genetics, color the rectangle red. If you believe a trait is not related to genetics, color the rectangle blue. When you're finished, check your answers at the bottom of the page!

Is It In My Genes?

| | | |
|---------------------|----------------------------|---|
| Your eye color | The color of your shirt | Whether or not you can roll your tongue |
| Your height | The length of your fingers | Your preference for phone calls or text |
| Your freckles | Your love of spicy food | The scar on your knee |
| Your favorite color | The length of your hair | Your skin color |

If some traits aren't caused by genetics, such as your love of spicy food, where do they come from?

What is more important, your genetic traits or traits not caused by genetics? Explain your answer.

Answers: Caused by Genetics: Your eye color, Your height, Your freckles, The length of your fingers, Whether or not you can roll your tongue, Your skin color
 Not Caused by Genetics: Your favorite color, The color of your shirt, Your love of spicy food, The length of your hair, Your preference for phone calls or texts, The scar on your knee