# All of Us Consent | DNA Analysis (ENGVO)

<https://www.youtube.com/watch?v=tGAAHGWOPoM&list=PLHceB7Ek40_MvfJ3Jpo8N20EeSJnZfi2i&index=7>

## Animation begins:

A woman stands with her hand palm up. A test tube of liquid floats just above her hand.

## Narrator:

From your samples, researchers may also want to study your DNA.

## Animation continues:

The scene pulls back to reveal a researcher in a lab coat, standing behind a counter and looking into a microscope. She reaches for the test tube and places its contents under the microscope. A double helix icon appears.

## Narrator:

Genes are made of DNA.

## Animation continues:

The double helix enlarges to fill the screen. The DNA is replaced by the word “GENES.” The scene changes, returning to the first woman.

## Narrator:

Our hair color, eye color, and risk for some diseases depend on our genes.

## Animation continues:

The woman’s hair changes color. Then her eyes change color. She then becomes a silhouette. A heart appears in the silhouette.

## Narrator:

Genes are passed from parents to kids.

## Animation continues:

An older man and woman slide into the scene and stand on either side of the woman.

## Narrator:

Half of your genes came from your mom, and half came from your dad.

## Animation continues:

A girl and a boy pop up in the foreground.

## Narrator:

If you have kids, each of them will get half your genes.

## Animation continues:

The scene pulls back to reveal that the woman, her parents, and the children are all inside a picture frame.

## Narrator:

In this way, your genes also tell about your family.

## Animation continues:

Three images slide up from the bottom of the scene, dividing the screen into thirds: A researcher looking into a microscope, a researcher seated before a computer monitor, and a researcher pouring a liquid from a flask into a test tube.

## Narrator:

Researchers will study DNA using many scientific methods.

## Animation continues:

The scene is replaced by the logo of the All of Us Research Program.

## Narrator:

Because *All of Us* will last for 10 or more years,

## Animation continues:

The All of Us logo slides up and out of the scene and is replaced by a researcher standing next to some futuristic equipment, which is plugged in to a display monitor on a wall. The researcher places a test tube into the equipment, and the monitor displays DNA and a bar graph.

## Narrator:

some of the methods may not even be invented yet.

Animation ends.

Fade out.