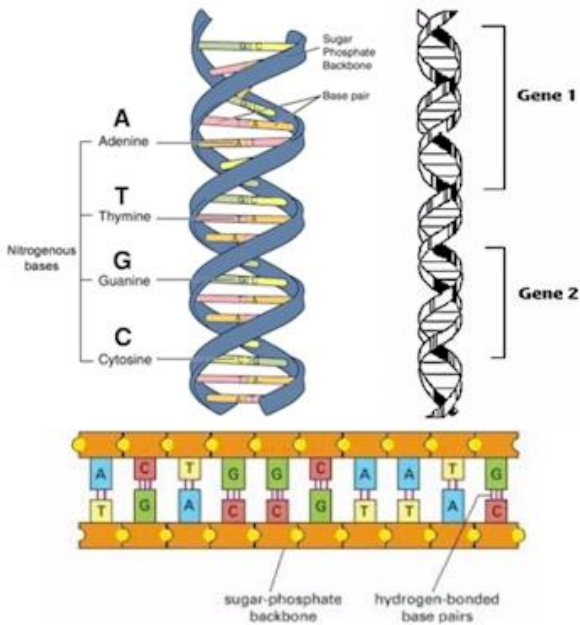


Human DNA



Humans are genetic creatures – *1 among 3,000,000 (three million) others*. You may be surprised that earthworms and tomatoes have more genes than you.

All genetic creatures share a four letter code (A, T, G & C) written in chemicals and stored in a molecule of DNA. *The human genetic code contains 3,000,000,000 (three-billion) letters.*

A gene is a specific section of DNA. Genes tell cells **what** to do and **when** to do it – *be a muscle, make a bone, be a lung, be a brain, be a toe, etc.*

DNA is the instruction manual for creating living bodies.

Humans have about 19,000 genes.



More than a chicken.



About the same as a cat.



Fewer than an earthworm.



Fewer than a tomato.

Male Source



Female Source



MY DNA

One-half of our DNA came **from a male** and the **other half from a female**. Until very recently in the history of humans, all new DNA could only be created through **sexual reproduction**.

The DNA of the male and female literally divide in half and one half of each of their DNA molecule joins together to form a new molecule of DNA -- *with complete instructions to create a completely new human body.*

Once the new DNA molecule is created its code “boots up” and the process begins that systematically forms all organ systems of the human body. In other words, it doesn’t produce “fingernails” until after fingers are created. For humans this process takes about forty weeks to complete and the result is a “*full-term new human being.*” However, a human brain does not reach its full maturity until about the age twenty-five.