

The Genetic Recipe



DNA Alphabet

We use the ACTG of the DNA alphabet to write out recipes.

AT
CG



Gene = Recipe

One gene can be thought of as one recipe in a cookbook.

Chromosome = Cookbook

Genes are packaged into chromosomes. So, one chromosome can be thought of as a cookbook with a bunch of recipes.



Genome = Cookbook Collection

The genome is a full set of 47 cookbooks: 23 from each parent PLUS the extra mitochondrial DNA.

Final Product

Just like the recipe tells us how to bake a cake, our genetic recipe tell our body how to make the things we need to grow and function.

