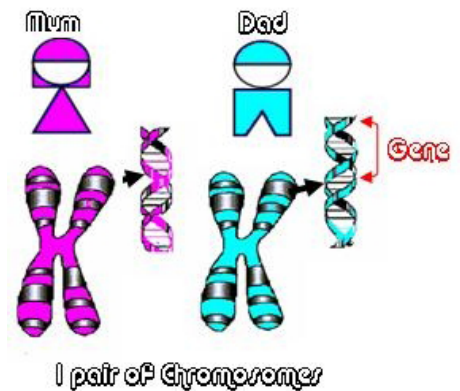


Genetics of Imagen

Genes, along with lots of other factors, are involved in many aspects related to who you are, what you look like and how we interact with other people.

So what is a gene? Genes are just segments of DNA, which are packaged up into structures called chromosomes. Every cell in your body (apart from your germ cells) have 23 pairs of these packages, 1 from each of your parents.



Our genetic make up is remarkably similar to each other. Unrelated people's DNA only differs by 0.1%, and when you think that we share 98.4% of our genes with chimpanzees, and even 50% with a banana, it is very small differences in our DNA that make us unique as individuals and makes us human.

In this study we are interested in looking for differences in DNA sequences between individuals that are related to brain function. If we can find out what genetic differences affect normal brain function, this may give us a clue about what genes may do in order to maintain mental health.

How much of my DNA do I share with.....?

