

This is DNA

You have DNA



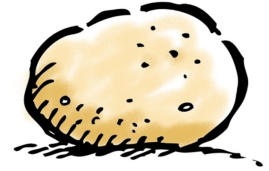
(You also have RNA, BTW)



You share 99.9% of your DNA sequence with everyone in the world



You also share 90% of the same DNA with your cat

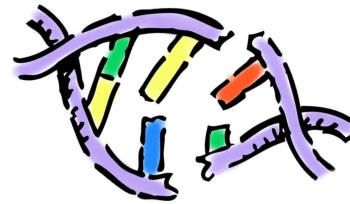
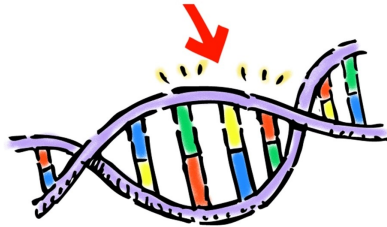


And around 50% with a potato



Which maybe explains some of your "potato head" relatives

DNA contains genes



Sometimes genes break (mutate) as you age

And sometimes you are born with broken genes you inherited from your parents

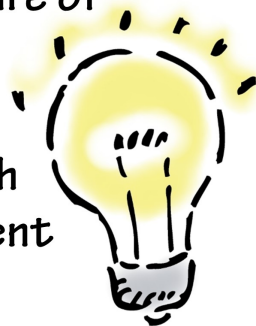


(about 1 in 279 people are)



Broken genes can cause cancer

But being aware of any broken genes you were born with can help prevent cancer



Knowing and sharing family health history is vital



And getting genetic counseling and genetic testing is too

