

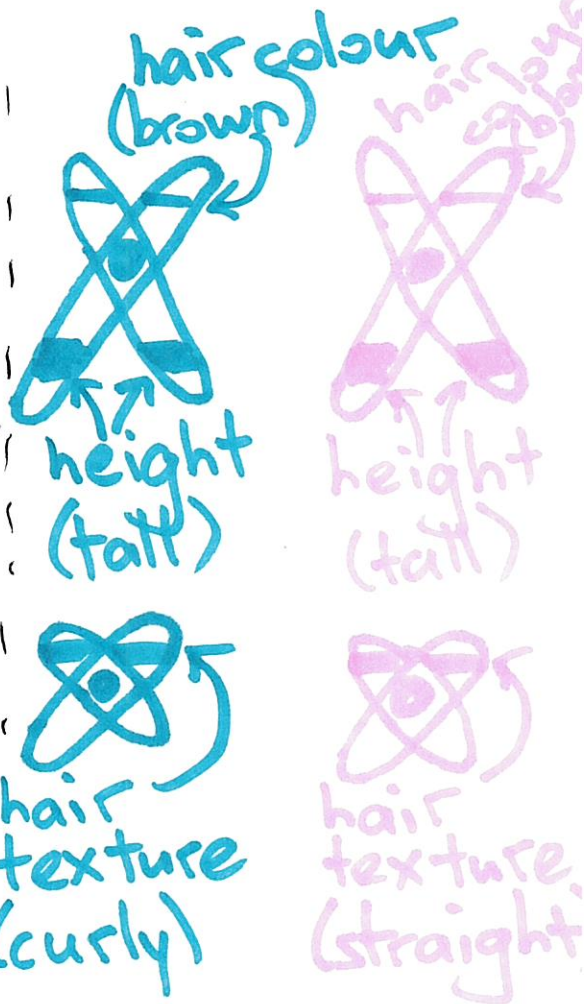
Homologous Chromosomes

Apr. 14

Humans have 23 pairs of homologous chromosomes

Homologous chromosomes have:

- same length
- same centromere location
- same genes at the same locations



↳ Gene: a part of DNA

that is responsible for a trait (e.g. hair colour, height)

↳ Allele: a version of a gene (e.g. brown, blond, black, red hair colour)

Sex chromosomes are a special pair of chromosomes that determine your biological sex.

Sex is assigned at birth.

XX: female

XY: male

Gender: is how a person identifies (includes role, behaviour, expression, identity)