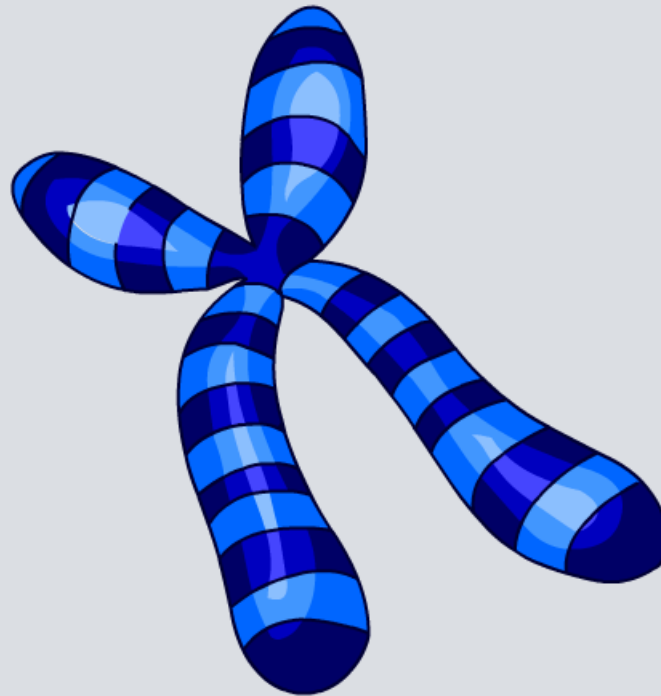


Boy or Girl



What are sex chromosomes?

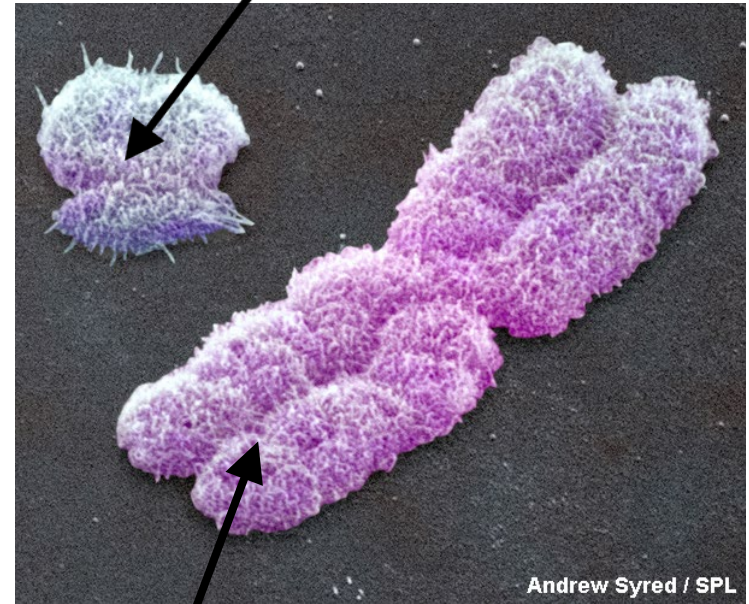
Humans cells contain one pair of **sex chromosomes**, which control gender.

- Males have one **X** and one **Y** chromosome (**XY**).
- Females have two **X** chromosomes (**XX**).

Y chromosomes are very small and contain 70–200 genes, while **X** chromosomes are larger and contain 900–1,200 genes.

Because females can only produce **X** gametes, it is the sperm that determine the sex of the offspring at fertilization.

Y chromosome



X chromosome

How is sex inherited?

The combination of sex chromosomes that a baby inherits will determine whether it will develop into a boy or a girl.

Click "**play**" to find out more.

