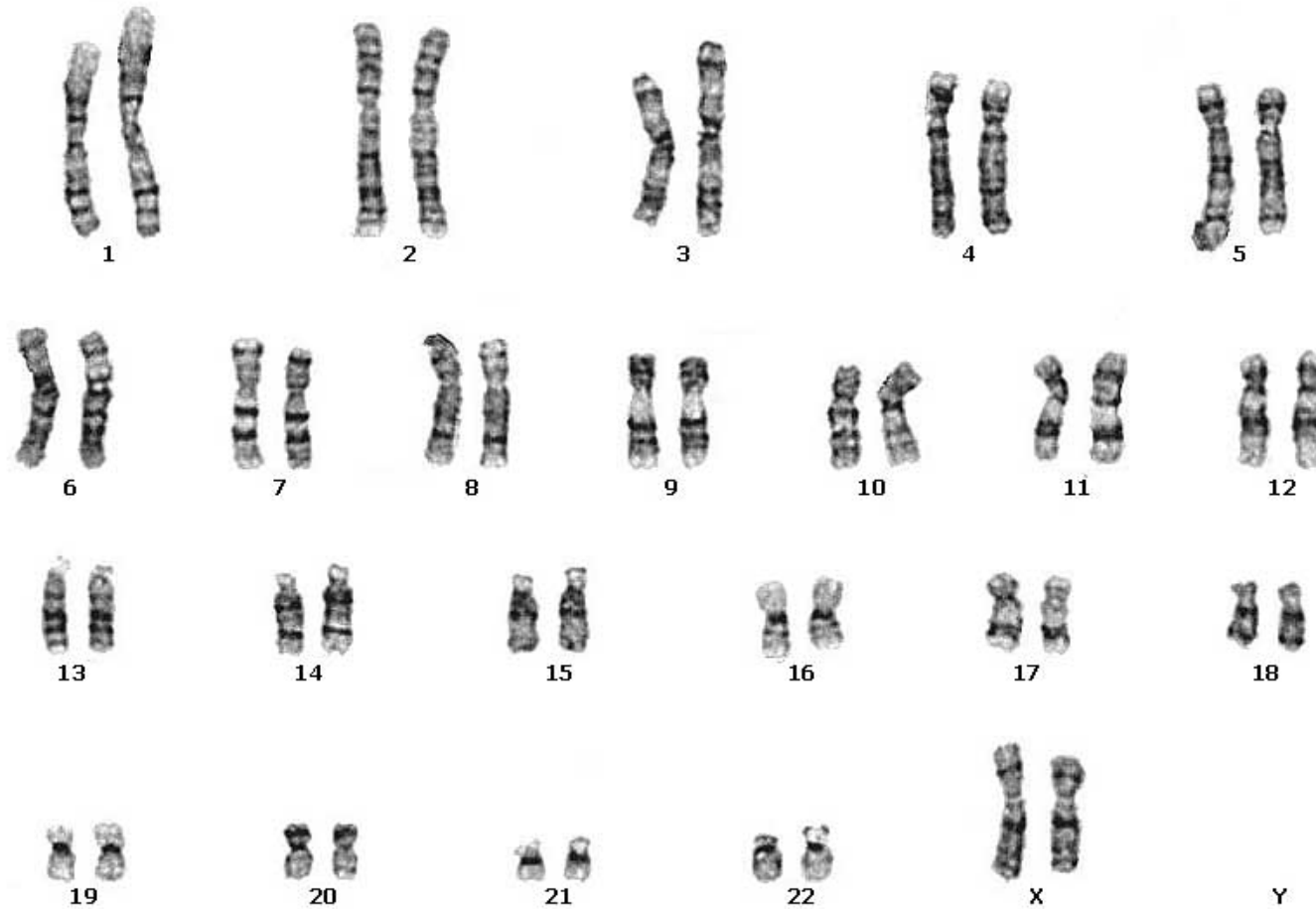


Pre – AP Biology

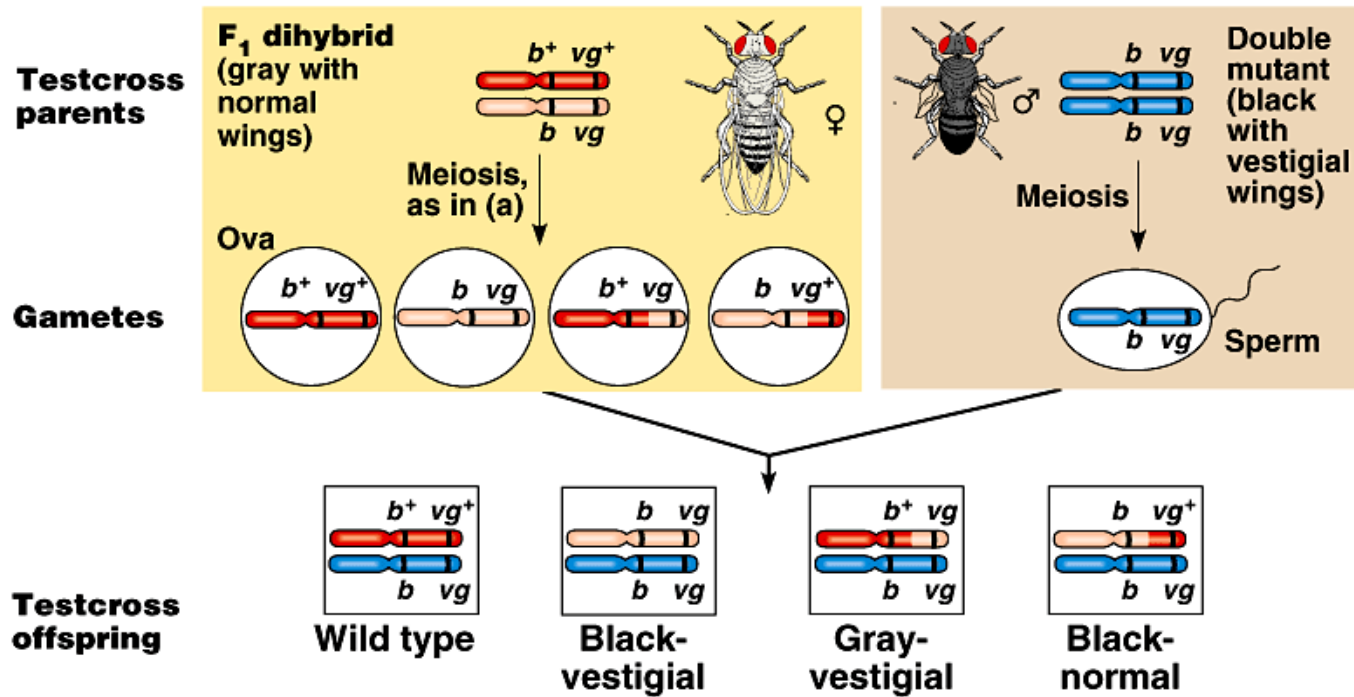
Non-Mendelian Patterns of
Inheritance (5.5)

Autosomes and linked genes

Human Female
G-bands

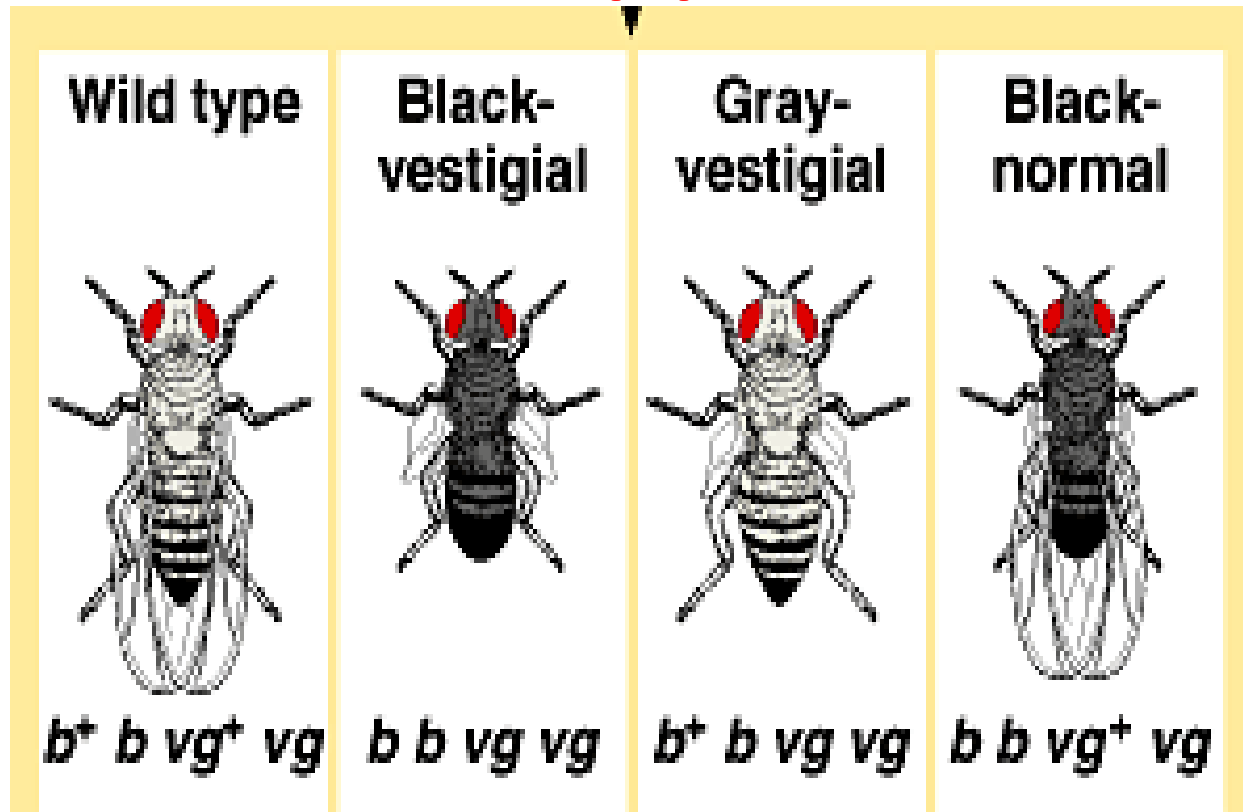


Genetic Recombination



Parental type (left)
Recombinant type (right)

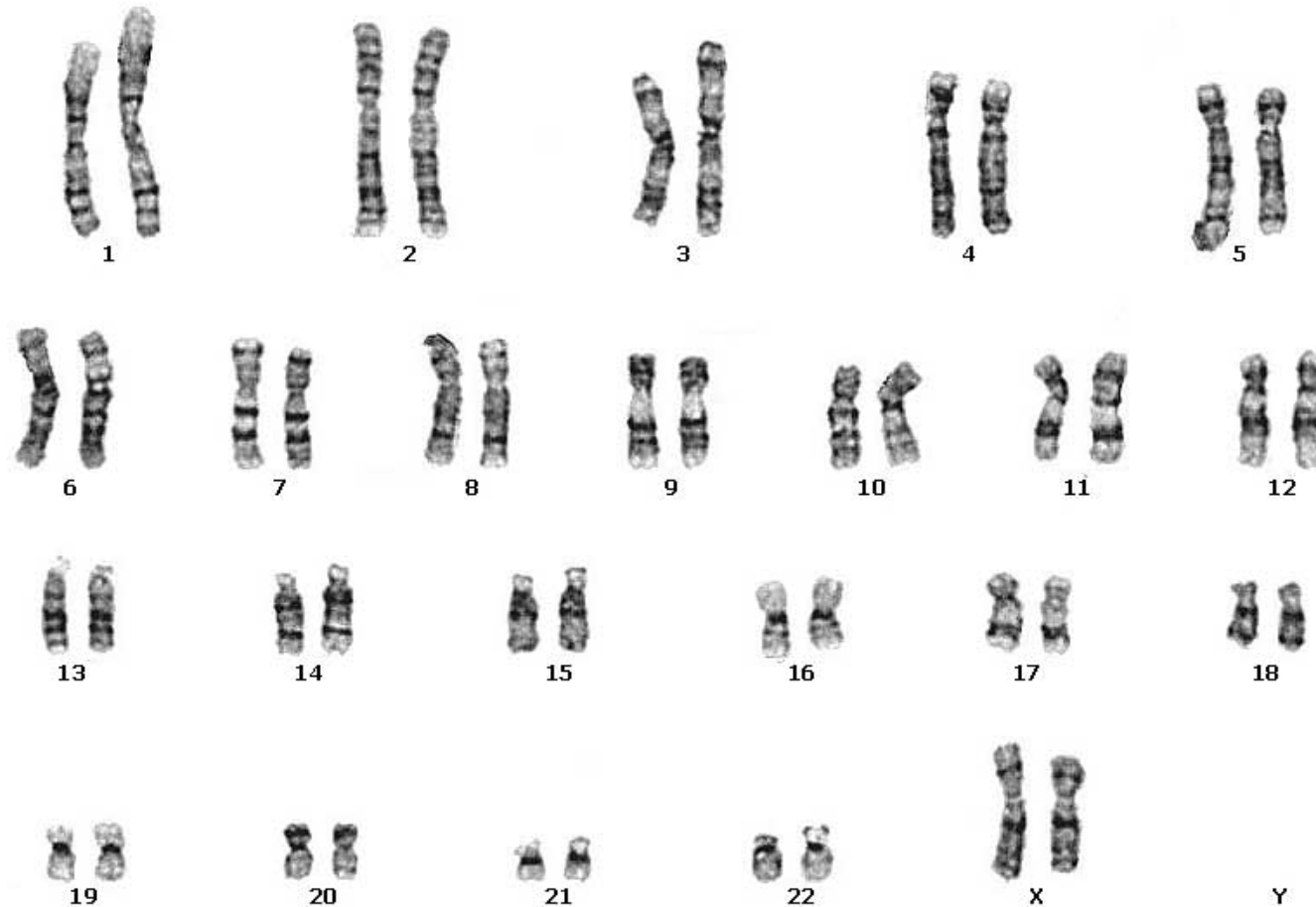
What happened?



Sex –Linked Female

See the two X chromosomes?

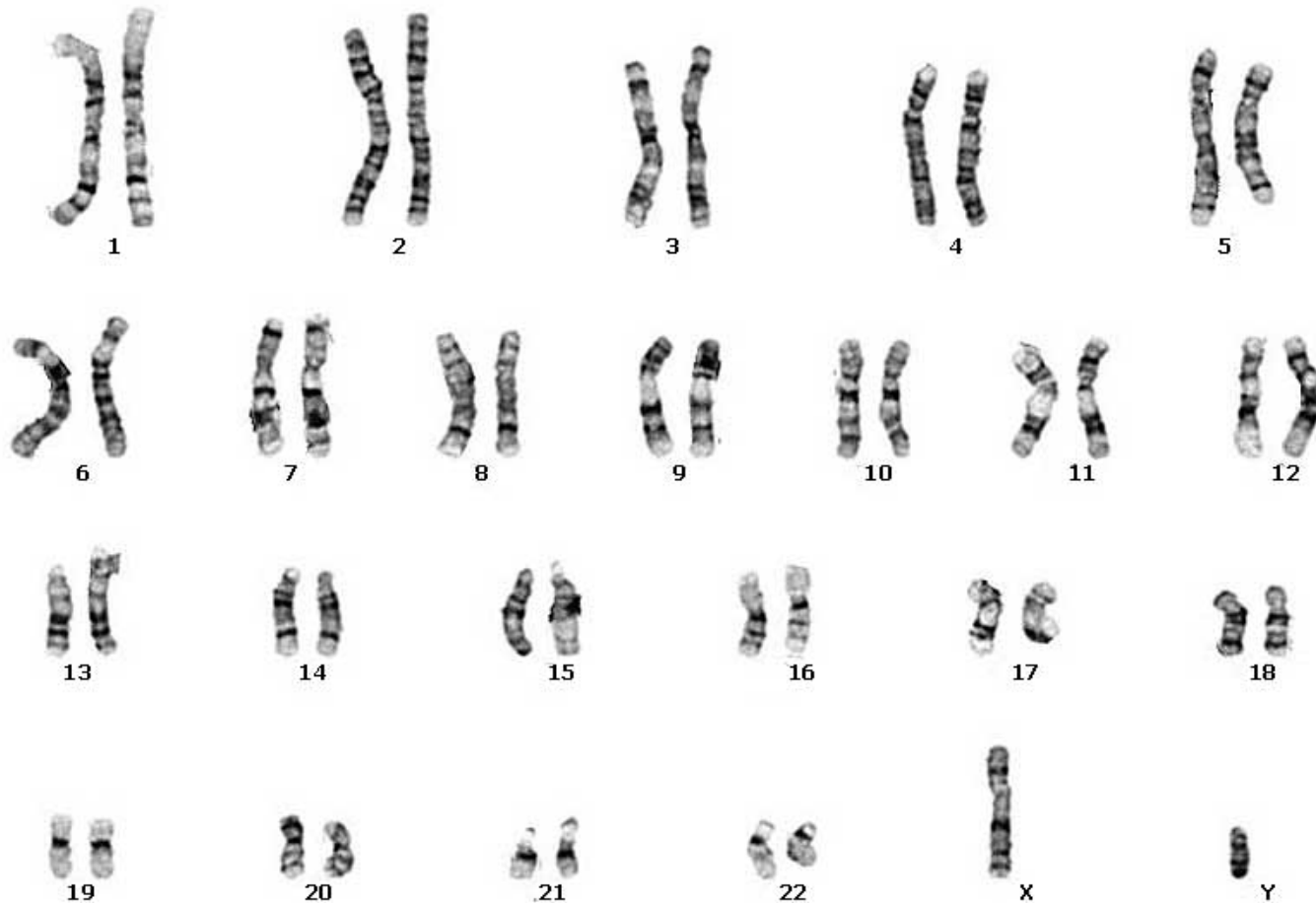
Human Female
G-bands



Sex-Linked Male

See the one X chromosome?

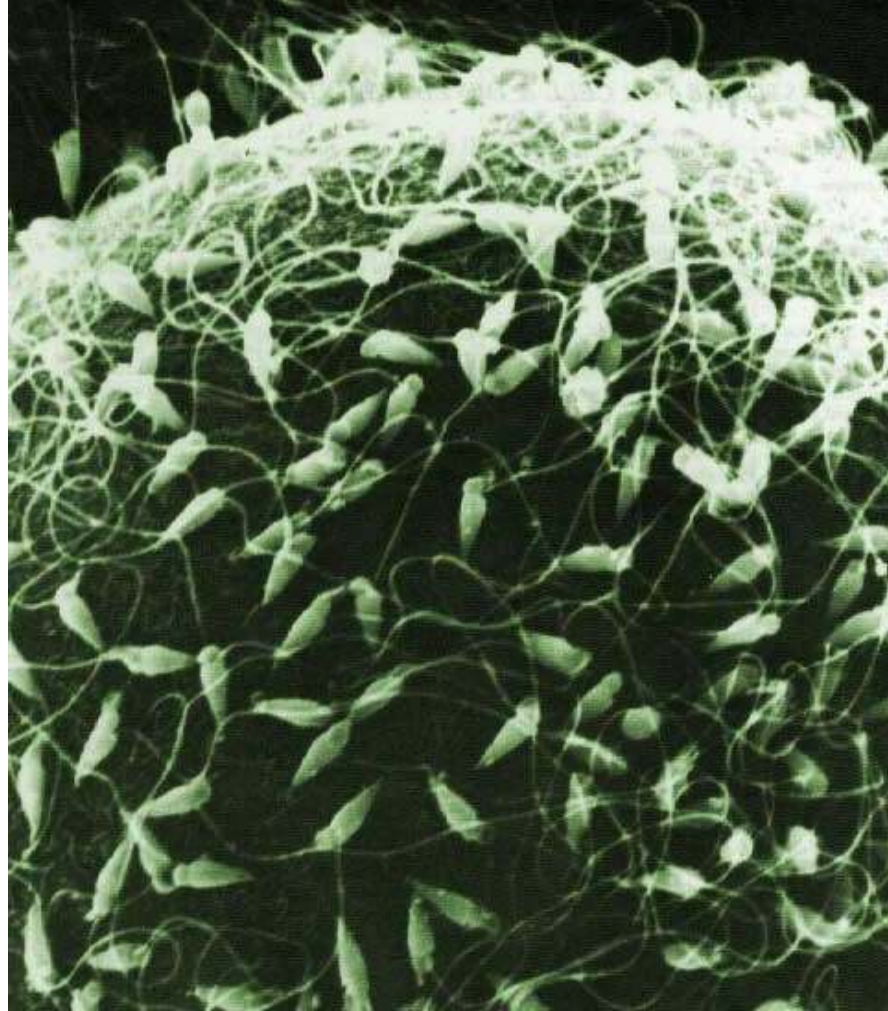
Human male
G-bands



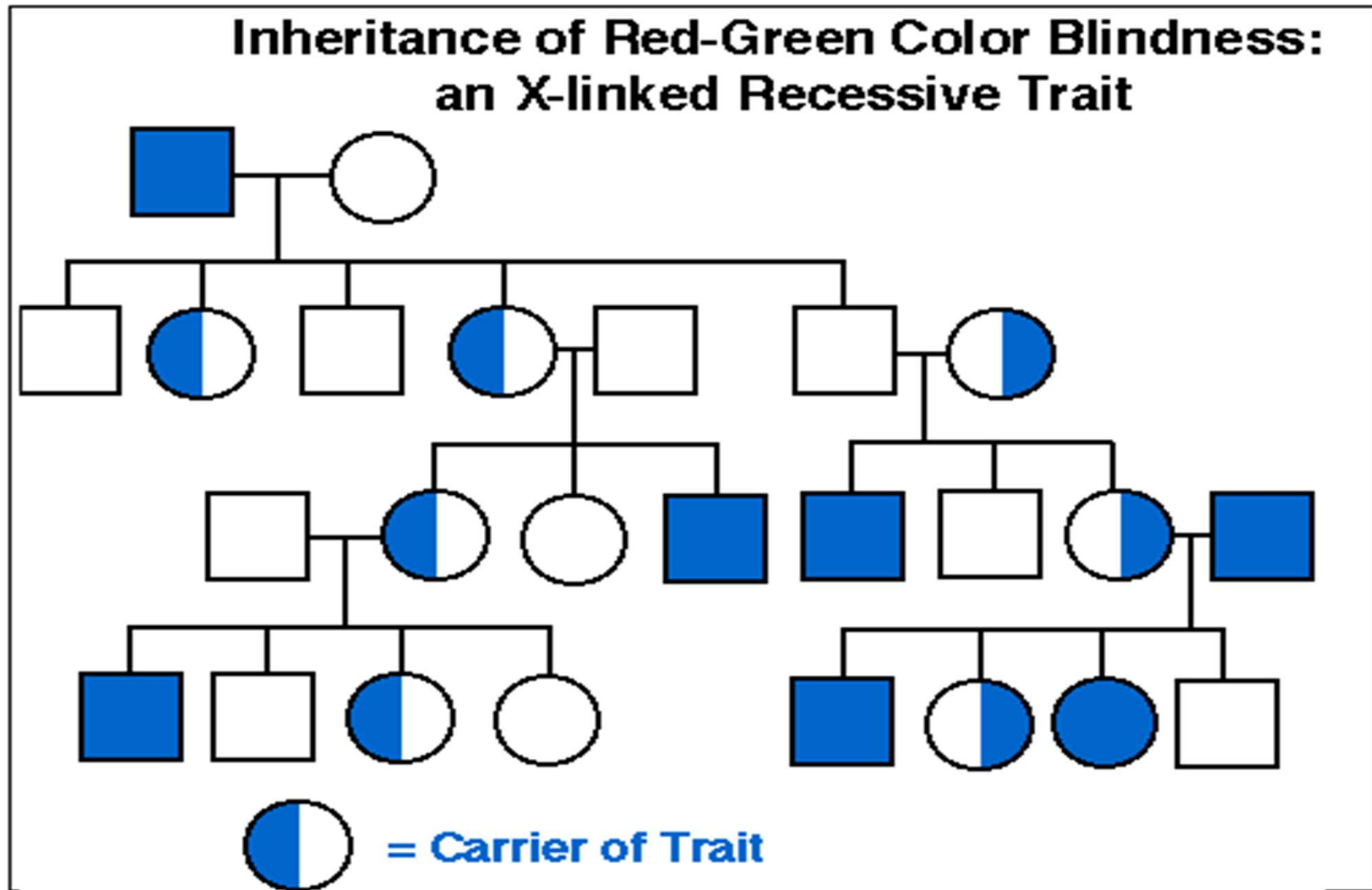
Conception

Some sperm have **Xs** and some have **Ys**

Which one did you get from your father?



Pedigree of Color Blindness



Pedigree of Hemophilia

