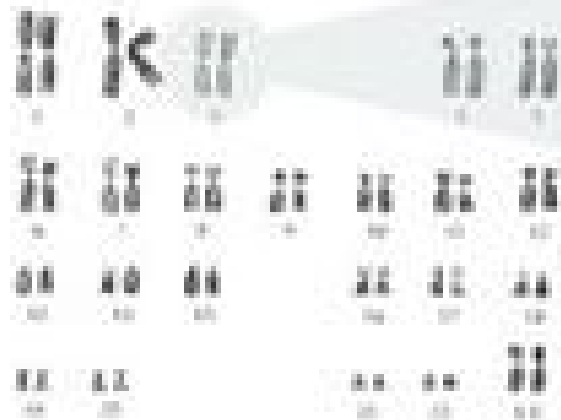


Homologous Chromosomes

Homologous chromosomes contain DNA that codes for the same genes. In this example, both chromosomes have all the same genes in the same locations (represented with colored strips), but different 'versions' of those genes (represented by the different shades of each color).

Homologous regions code for the same gene.



Sister chromatids are exact replicas...
but homologous chromosomes are not.

