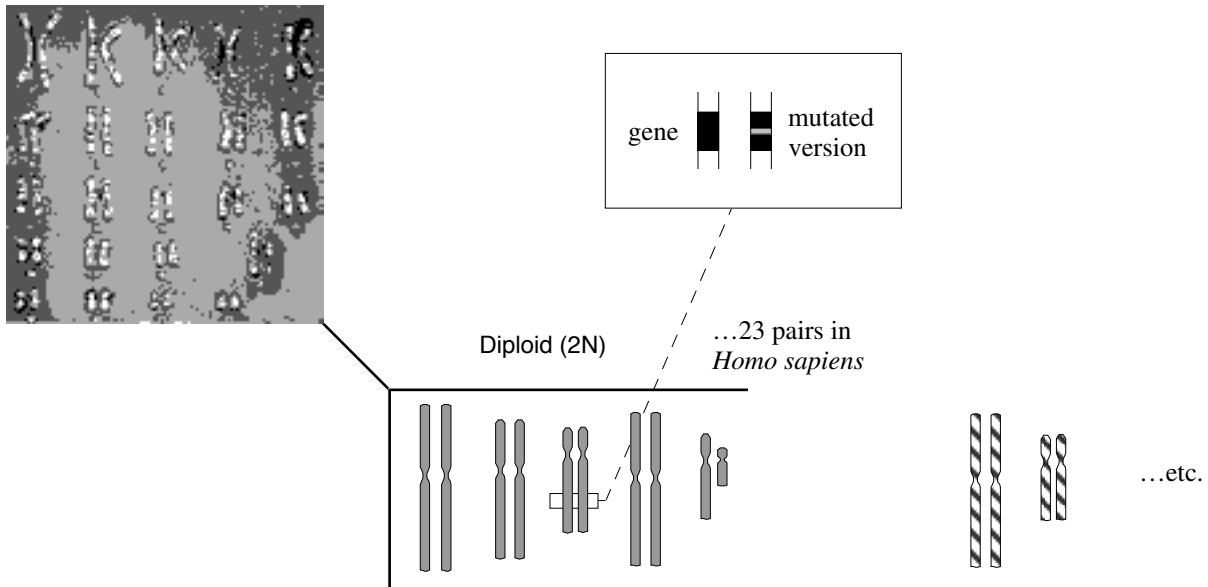
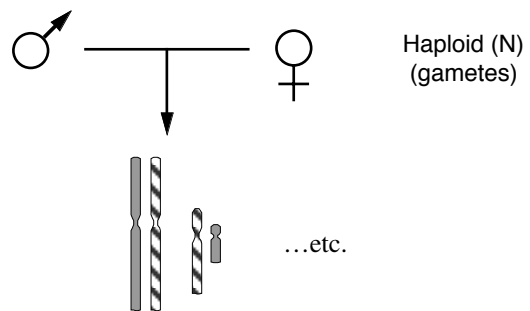


# Mutation and Variation: Role of Recombination

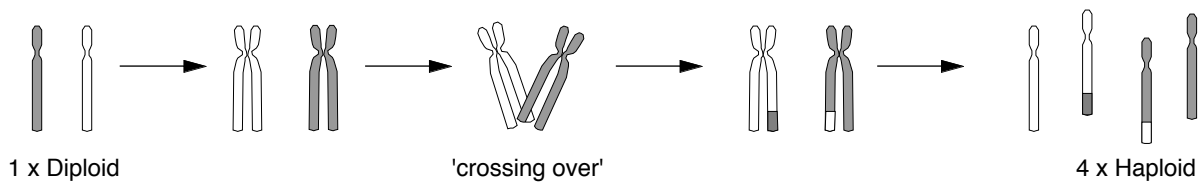
## 1. Eukaryotic Chromosomes: Diploidy



## 2. Sexual reproduction



## 3. Recombination at meiosis



## 4. Genetic variation by errors at meiosis

Gene (or sequence) duplication by homologous recombination involving unequal crossing-over

