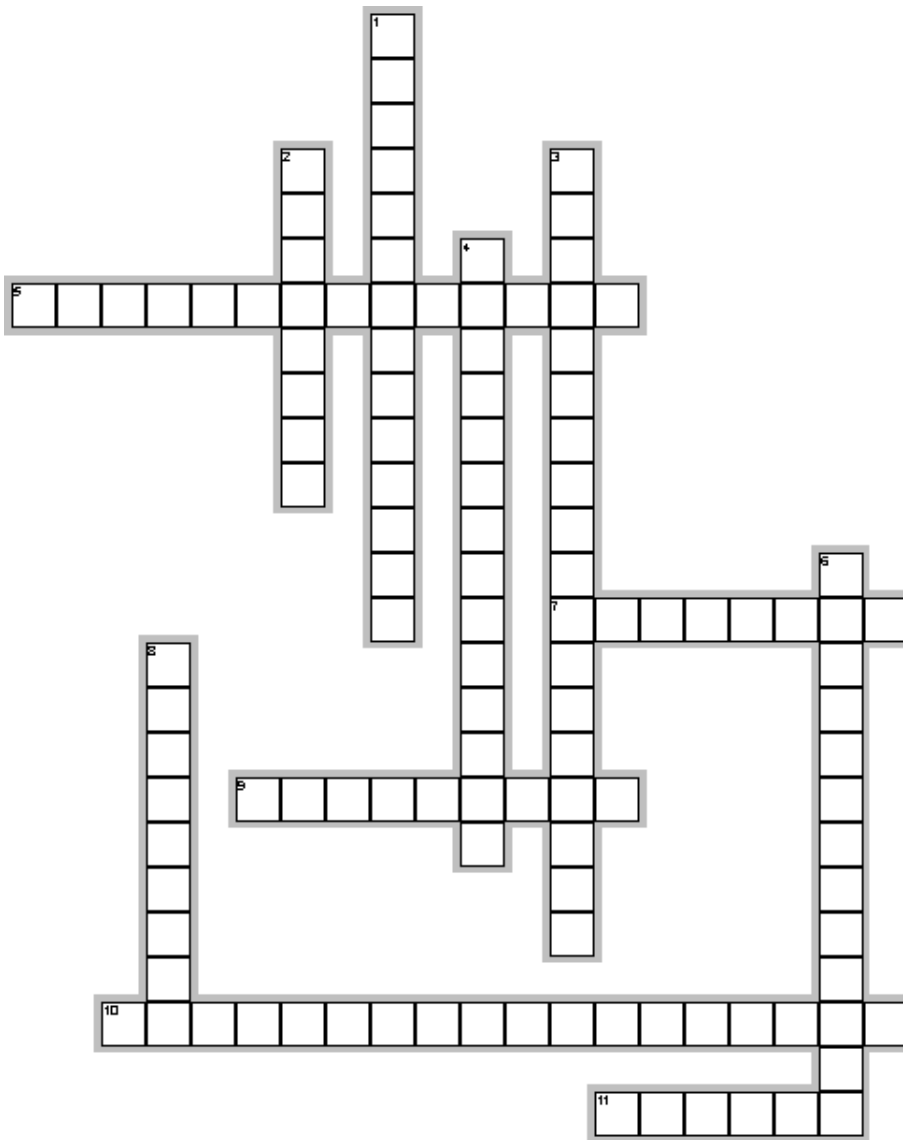


# Golenberke Biology Chapter 14 Vocabulary: Human Heredity



Created with EclipseCrossword — [www.eclipsecrossword.com](http://www.eclipsecrossword.com)

## **Across**

5. one of the 23 pairs of chromosomes in the human, contains genes that will determine the sex of the individual (2)
7. chart that shows the relationships within a family
9. chromosomes that are not directly involved in determining the sex of an individual; the remaining 44 chromosomes
10. enzymes that cut DNA molecules into precise pieces, called restriction fragments (2)
11. the full set of genetic information that an organism carries in it's DNA

## **Down**

1. application of mathematics and computer science to store, retrieve, and analyze biological data
2. the study of whole genomes, including genes and their functions
3. the technique used to separate DNA strands of different lengths (2)
4. not coming apart
6. a gene located on a sex chromosome (3)
8. an array of the chromosomes found in an individual's cells at metaphase of mitosis and arranged in homologous pairs and in order of diminishing size

## **WORD BANK**

autosomes  
bioinformatics  
gelelectrophoresis  
genome  
genomics  
karyotype

nondisjunction  
pedigree  
restrictionenzymes  
sexchromosomes  
sexlinkedgene