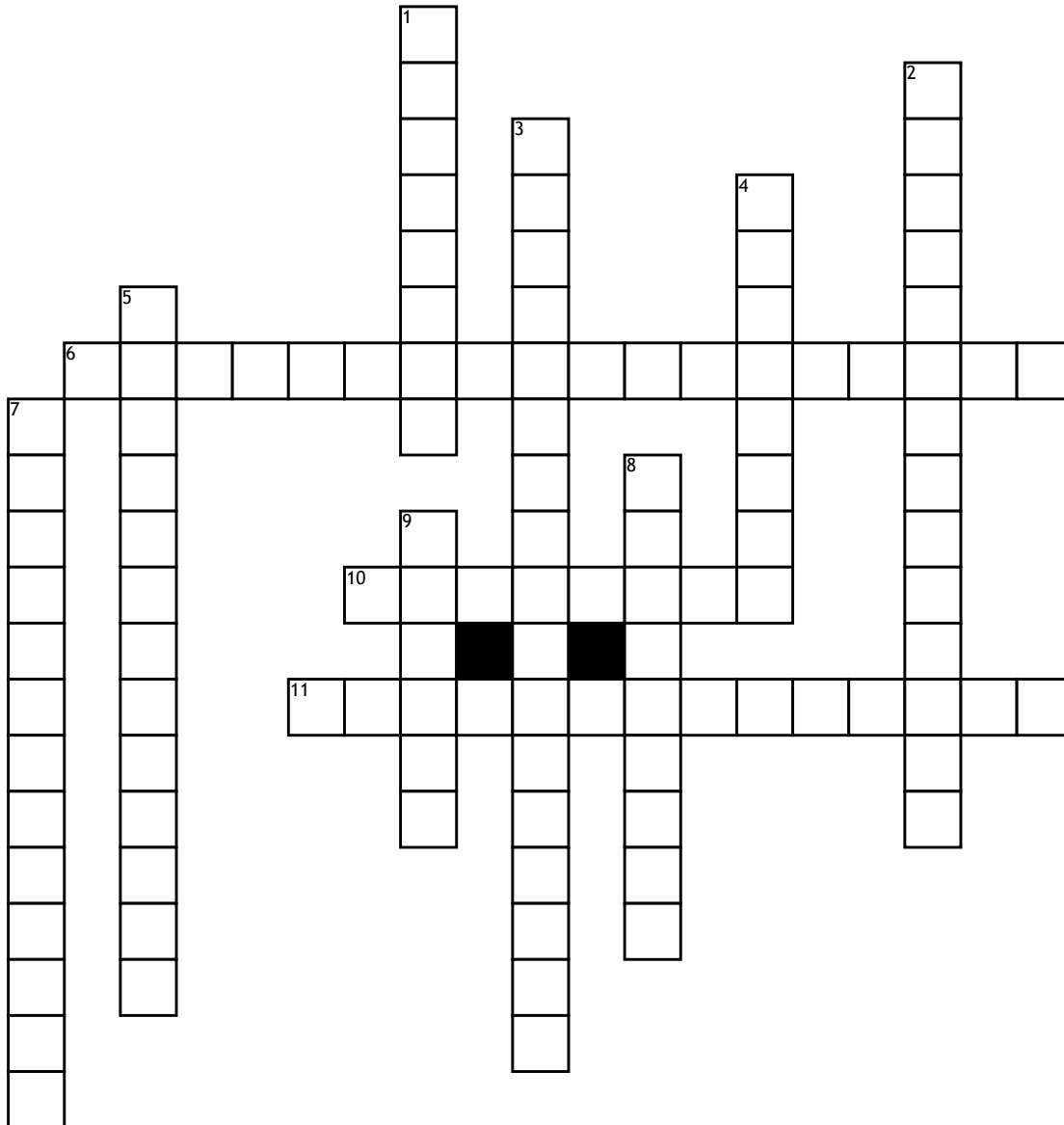


Chapter 14 Vocabulary



Across

6. procedure used to separate and analyze DNA fragments by placing a mixture of DNA fragments at one end of a porous gel and applying an electrical voltage to the gel

10. chart that shows the presence or absence of a trait according to the relationships within a family across several generations

11. application of mathematics and computer science to store, retrieve and analyze biological data

Down

1. study of whole genomes, including genes and their functions

2. error in meiosis in which the homologous chromosomes fail to separate properly

3. enzyme that cuts DNA at a sequence of nucleotides

4. chromosome that is not a sex chromosome

5. one of two chromosomes that determines an individual's sex

7. gene located on a sex chromosome

8. micrograph of the complete diploid set of chromosomes grouped together in pairs, arranged in order of decreasing size

9. entire set of genetic information that an organism carries in its DNA