

1. What are the letters of the bases?
2. What did Rosalind Franklin do for DNA?
3. Watson and Crick built a DNA model like a\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
4. The side of the DNA ladder are made up of \_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
5. The rungs of the DNA ladder are a pair of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
6. To be copied, a DNA molecule splits where?
7. A string of nucleotides that has instructions for a certain trait is a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
8. As messenger RNA is fed through the ribosome it is matched with \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
9. Three bases code for one \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
10. In what type of mutation is one base Which beleft out?
11. DNA is made of subunits called what?
12. Nucleotides are made of a sugar, a phosphate, and a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
13. Who discovered that adenine equals thymine?
14. What scientist made images of DNA using x-rays?
15. What did Watson and Crick’s model look like?
16. A string of nucleotides that has information for making one trait is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
17. Each set of three bases is a code for \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
18. The first step in making a protein is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
19. What is the type of mutation where a base is added to the gene?
20. Using DNA to identify a crime is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
21. The code for a given amino acid consists of how many bases?
22. What materials make up each nucleotide in a DNA molecule?
23. Some genetic disorders such as sickle cell anemia are due to \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
24. What does each gene have instructions for making?
25. Where does messenger RNA go?
26. Which type of mutation causes sickle cell anemia?

DEFINE

MUTATION

RIBOSOME

MESSENGER RNA

TRANSFER RNA

DNA

NUCLEOTIDE

RNA