

Constructing Nucleic Acids

Analysis and Conclusion Sheet

1. Who discovered the double helix structure of DNA? _____

2. What are the four different types of nitrogen bases that can be found in DNA? _____

3. What are the three parts of a DNA nucleotide? _____

4. What was the base sequence of your original strand of DNA? _____

5. What was the base sequence of your complimentary strand of DNA? _____

6. What are the three parts of a RNA nucleotide? _____

7. What occurs during transcription? _____

8. What is the base sequence of your mRNA strand? _____

9. What is a codon? _____

10. How many codons are in your mRNA strand? _____

11. What occurs during translation? _____

12. What is the amino acid sequence that is translated from your mRNA codons? _____

13. What trait does your DNA code for? _____