

**Protein Synthesis Project**  
Analysis and Conclusion Sheet

1. Who produced a photo showing the double helix structure of DNA? \_\_\_\_\_

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

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

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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?

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7. What occurs during transcription? \_\_\_\_\_

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

9. What is a codon? \_\_\_\_\_

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10. How many codons are in your mRNA strand? \_\_\_\_\_

11. What occurs during translation? \_\_\_\_\_

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

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13. What trait does your DNA code for? \_\_\_\_\_