

IB/AP Biology: Essays for Exam #6

1. Describe the steps involved in protein synthesis.
2. Compare protein synthesis in prokaryotes and eukaryotes.
3. Discuss the different types of point mutations and their effect on the function of a protein.
4. Explain viral structures and their life cycle. (Know the differences between lytic and lysogenic cycles)
5. Explain how genetic recombination generates diversity in bacterial populations. Provide methods. Be able to explain transformation lab.
6. Explain the control of gene expression. Compare repressible and inducible enzymes; explain how each functions.
7. Explain three key tools of DNA technology.
8. Discuss different uses of DNA technology.

IB/AP Biology: Essays for Exam #5

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