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🌐 Lab 3 Notebook

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Abstract

Prelab

1. How many bp's is the typical oligo?
2. What is the temperature range of a binding region of a primer?
3. Do primers require moderate T+A content or G+C content?
4. Why do you want to avoid complementary regions on forward and reverse primers?
5. What is added to dried down oligos in order to store it for a long period of time?
6. Which Lamp based primer does the FC2 region coincide with?
7. What are the minimum nucleotides needed in between the forward and reverse primers in a LAMP experiment?
8. What are the three necessary materials one can order for a CRISPR experiment?
9. What is the traditional format for the input data?

Lab Results

Post your research and results for PCR, LAMP, and Genious assignment.

Post Lab

Find a research paper from a reputable journal that uses either PCR or LAMP in its protocol. Write a paragraph on what they did and how they used their DNA amplification method. Give a description of the amplified region, the DOI, and if given write the sequence of the primer.

Disclaimer:

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