

General Biology Lab Assignments

SEA-PHAGES Week 1

Instructions: Fully answer the following questions using full sentences and proper grammar. The answers should reflect your own work. For some of the questions, you may need to research the answers in your textbook or the web. Any information taken from other sources should be cited using APA format.

1. What does the acronym SEA-PHAGES mean?
2. What are the main objectives of the SEA-PHAGES program?
3. Why is program so important?
4. What are phages? How many have been found by Nyack College students?
5. How many genes are in the phage Journey13?
6. Provide the names of TWO of the genes and state their function.
7. What is the difference between COVID-19 and coronavirus?
8. What is the specific name of the coronavirus and where did it originate?
9. How many genes are in the coronavirus?
10. For TWO of the genes, provide the names and state their function.
11. Are there any similarities between Nyack Warrior and the coronavirus in looking at the genes present in each virus?
12. How does the coronavirus spread?
13. Explain how you can minimize your risk of exposure and getting sick.
14. Which individuals have the highest risk of getting sick from the virus?
15. What did you learn from the video which you did not know previously?