

Name:

Date:

SEA-PHAGES Scavenger Hunt

Use the phagesdb.org website to find answers to the following:

1. Find the name of a phage that begins with the same letter as your First Name.
 - A) What is the name of the phage?
 - B) Where was it found?
 - C) By whom?
2. What is the name of the lead scientist of the SEA-PHAGES program? Where does he work?
3. Name two of the bacterial hosts used for bacteriophage isolation (include the genus and species).
4. How many total phages were found in 2021?
5. How many phages were isolate by Nyack College?
6. What is name of a phage found at Nyack? Found by? Year? Is it sequenced?
7. Find a phage that begins with the same letter as your **Last Name** that has been sequenced (different from the Q1).
 - A) What is the name of the phage?
 - B) What is the genome size?
 - C) How many genes are in the phage?
 - D) What cluster does it belong to? Subcluster?
 - E) How many phages belong to that cluster?
 - F) What phage is very similar to the phage that you selected? (Blast search)
8. How many genes are in the virus that causes COVID-19? (Google search)
9. What topics were the two most recent journal papers from the SEA-PHAGES program about?
10. Name another school in the SEA-PHAGES program that is geographically close to Nyack College.