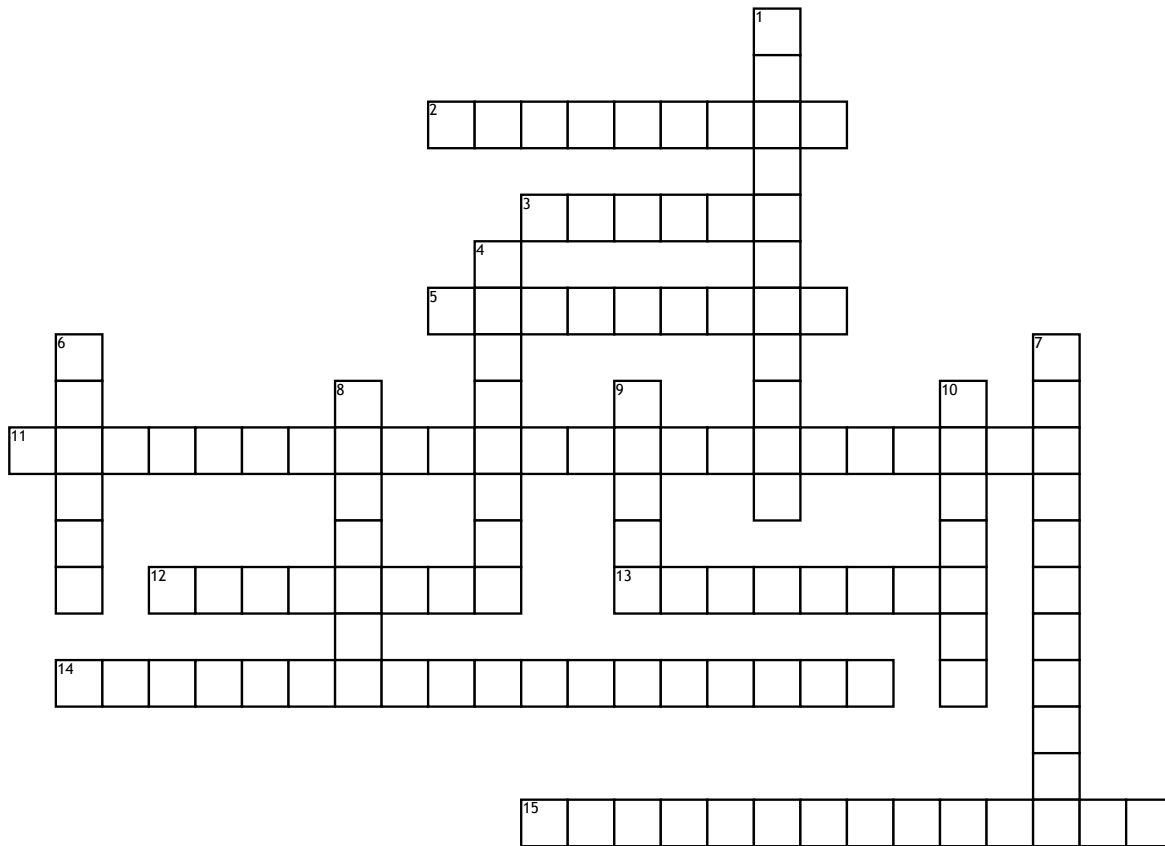


Viruses



Across

2. Viruses are considered _____ because they do not have the enzymes and machinery to make things like proteins
3. A _____ is made of capsomeres and is the protein shell enclosing the viral genome
5. What is the host specificity due to the evolution of recognition systems?
11. What is the technique used to generate large concentrations of a DNA fragment and is often used in forensic analysis?
12. _____ transmission is when a plant inherits a viral infection

13. What is a relatively unspecialized cell that can reproduce indefinitely and differentiate into specialized cells?

14. What is the name of the international research project whose main goal is to sequence DNA of the human genome?

15. What are viruses that infect bacteria?

Down

1. What are former genes that have accumulated mutations and are no longer functional?

4. The virus and _____ are considered to have a lock-and-key fit

6. An epidemic is a general outbreak of disease, where as, a pandemic is a _____ epidemic

7. What is the production of multiple copies of a single gene?

8. A _____ is a harmless variant or derivative of a pathogen that stimulates the immune system to mount defenses against the harmful pathogen

9. What is an infectious particle consisting of little more than genes packaged in a protein coat?

10. Genomes of closely related species are most likely going to be _____ due to recent divergence