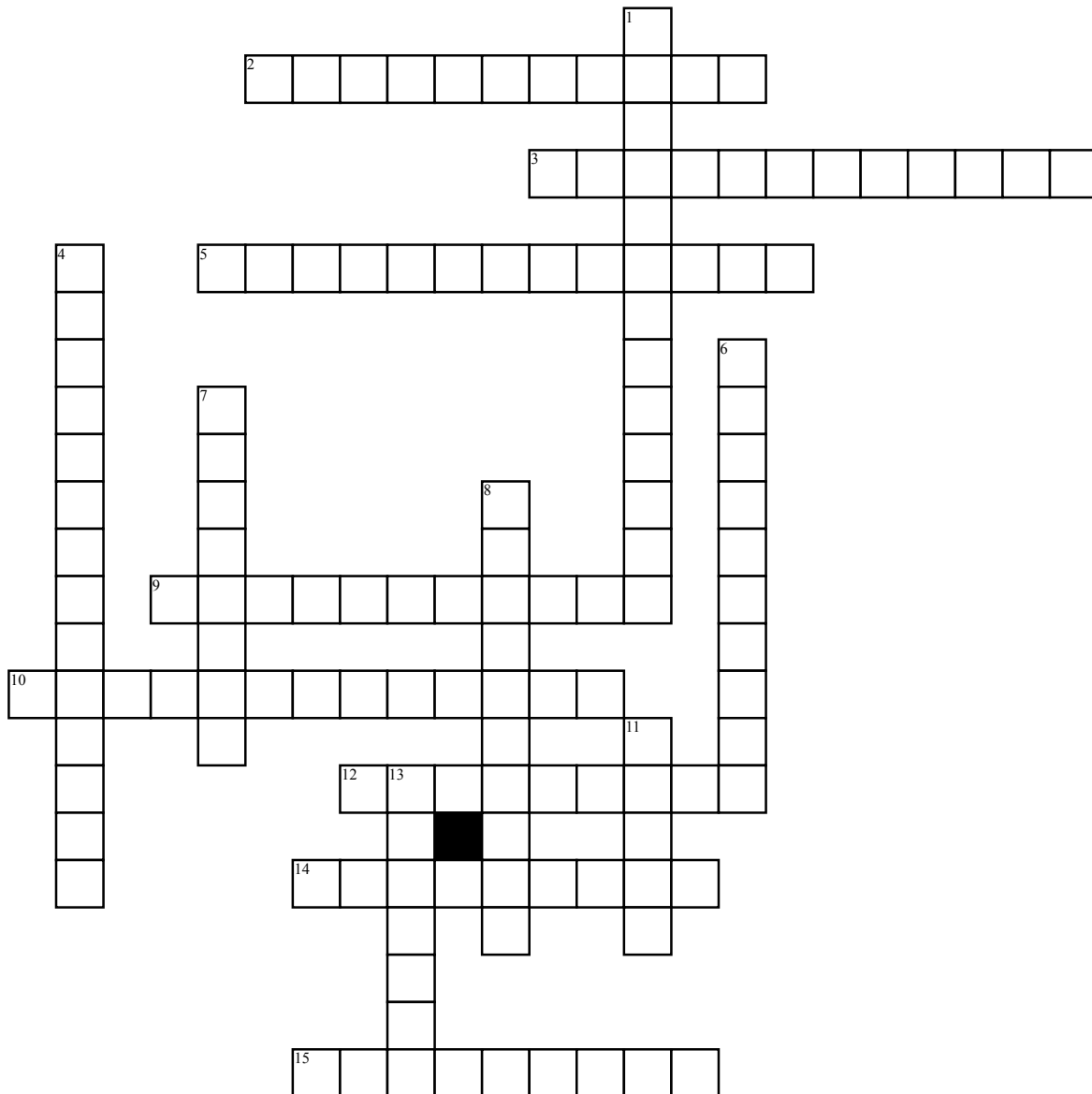


Name: _____

Prokaryotes and Viruses



Across

- 2. organism that thrives in a hot environment
- 3. transfer of DNA from one bacteria to another by bacteriophage
- 5. A protein found in the cell wall of bacteria and not archaea
- 9. transfer of plasmid material from one bacteria to another through a tube
- 10. a virus that infects bacteria
- 12. Organism that thrives in a salty environment

14. an organism that has prokaryotic cells and peptidoglycan

15. a whip-like organelle used for motion in bacteria and protozoa

Down

- 1. a type of asexual reproduction in prokaryotes in which they divide into two identical cells
- 4. process in which a bacteria takes DNA and to express new traits from the new DNA

6. organism that thrives in an acidic environment

7. an agent that causes a disease

8. an organism that lives in an anaerobic environment and produces methane

11. small infectious agent that can replicate only by using the metabolism of a living cell

13. a domain containing prokaryotes that many of which are extremophiles