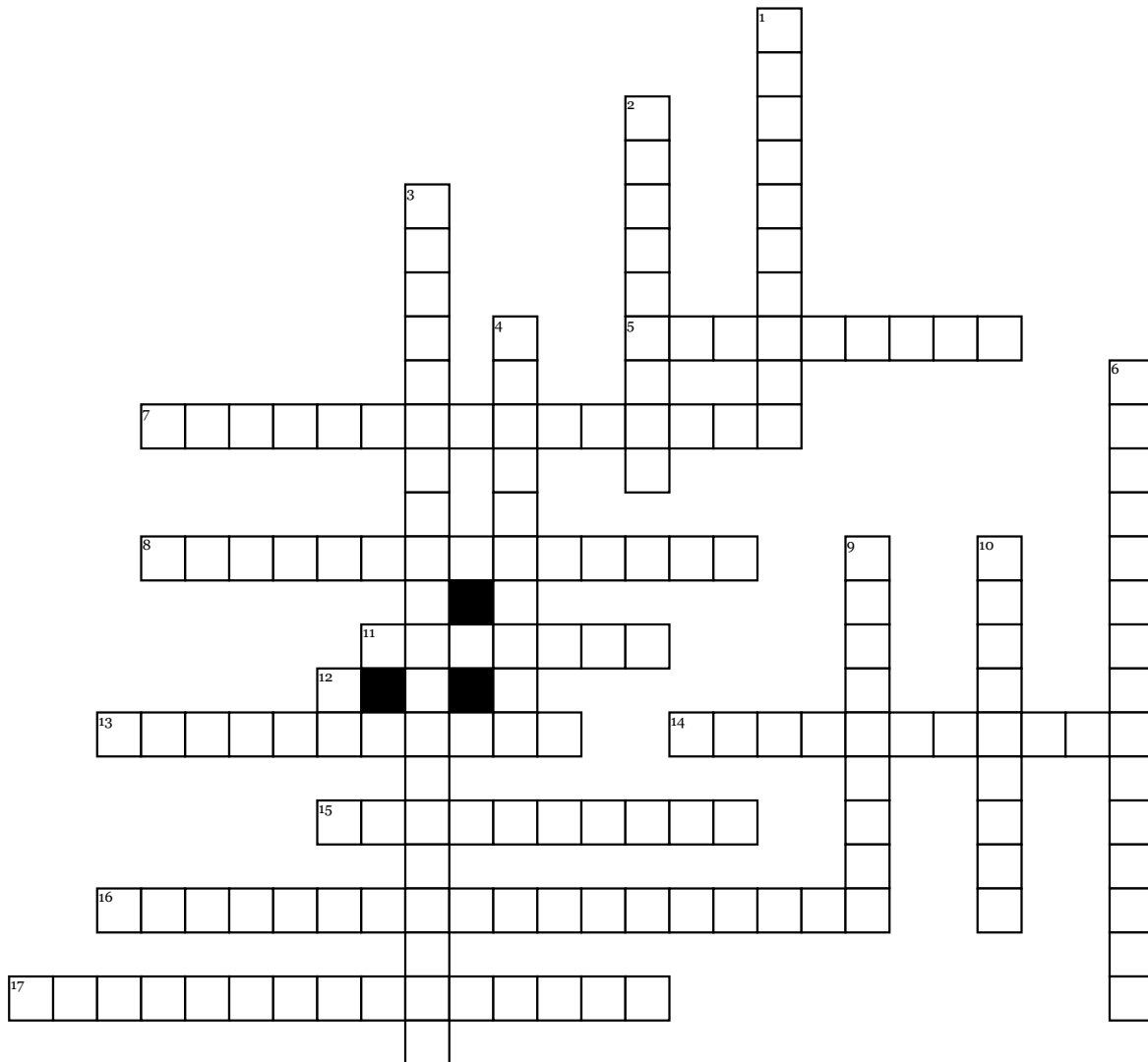


# Nucleus



**Across**

- 5. What efficiently package DNA into a small volume to fit into the nucleus of a cell and protect the DNA structure and sequence?
- 7. What surrounds the nucleus with a double membrane?
- 8. Which cell does have a nucleus?
- 11. The central and most important part of a object, movement, or group?
- 13. What is one of the types of protoplasm, and it is enveloped by the nuclear membrane?

- 14. What complexes allow the transport of molecules across the nuclear envelope?
- 15. Which eukaryotic cell starts with an A?
- 16. What do a nucleus contains in cells?
- 17. Which cell doesn't have a nucleus?

**Down**

- 1. What are the thread-like structure found in the nuclei of both animal and plant cells?
- 2. Which eukaryotic cell starts with an P?
- 3. What do DNA stand for?

- 4. What is located near the nucleus and help organize cell division?
- 6. What Do RNA stand for?
- 9. What structure is made up of proteins and RNA?
- 10. What is the portion of the cell outside the nucleus?
- 12. Do viruses have a nucleus?