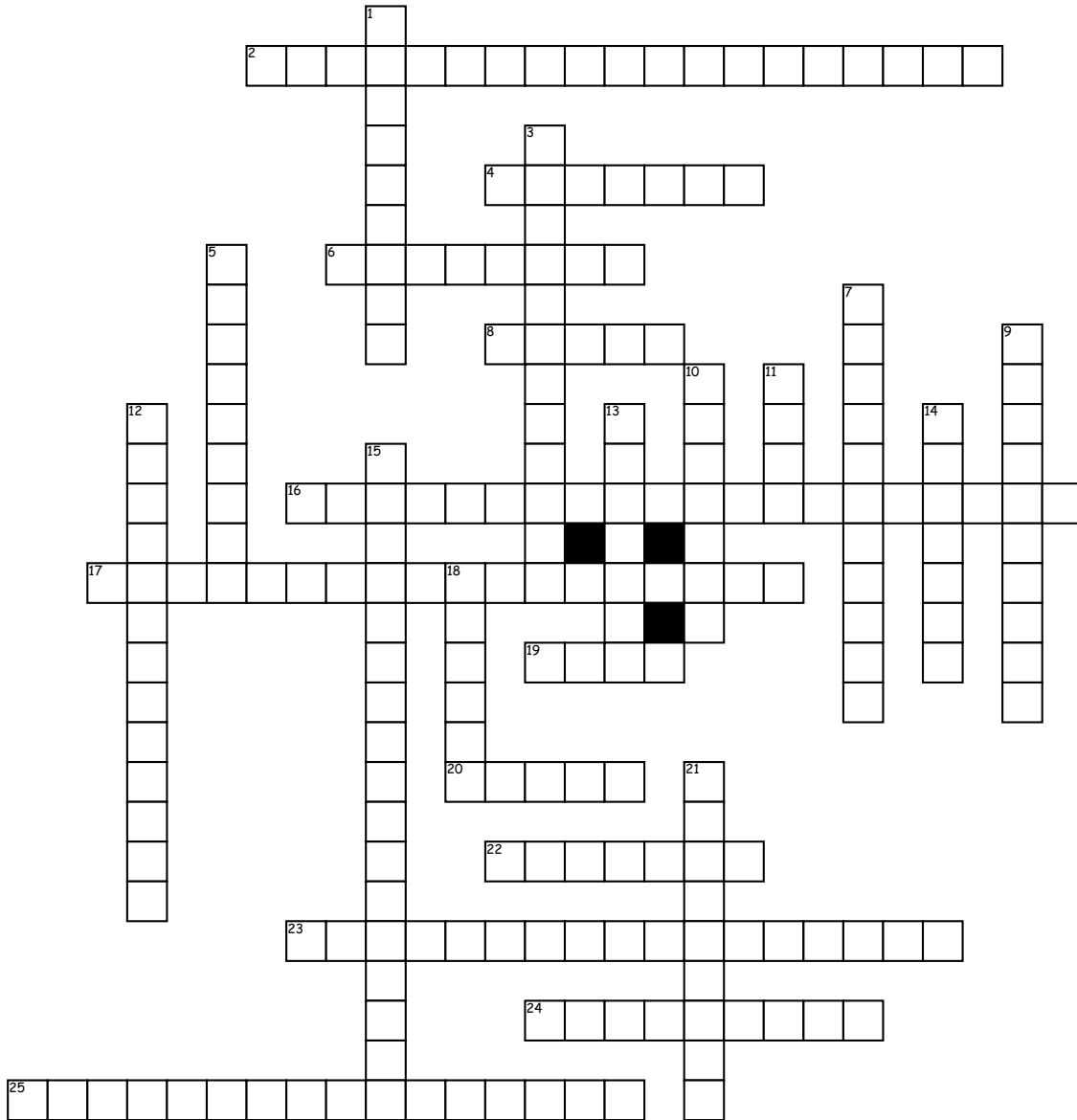


Genetic engineering



Across

2. An organism that is generated through genetic engineering

4. body's chemical messengers and are part of the endocrine system

6. the passing on of physical or mental characteristics genetically from one generation to another

8. Small infectious agent that replicates only inside the living cells of other organisms

16. DNA

17. Refers to the direct manipulation of DNA to alter an organism's characteristics in a particular way.

19. are composed of DNA, a molecule in the memorable shape of a double helix, a spiral ladder

20. A rod-shaped bacterium that is commonly found in the lower intestine of warm-blooded organisms

22. biological preparation that provides active acquired immunity to a particular disease

23. an enzyme produced chiefly by certain bacteria, having the property of cleaving DNA molecules at or near a specific sequence of bases

24. a member of a large group of unicellular microorganisms that have cell walls but lack organelles and an organized nucleus, including some that can cause disease

25. Is a condition that is caused by an abnormality in an individual's DNA

Down

1. Like bacteria cell, but it has nucleus

3. Genetic engineering, sometimes called genetic _____.

5. the set of observable characteristics of an individual resulting from the interaction of its genotype with the environment.

7. a complex organic substance present in living cells, especially DNA or RNA, whose molecules consist of many nucleotides linked in a long chain

9. a substance that is toxic to plants and is used to destroy unwanted vegetation

10. a hormone made by the pancreas that allows your body to use sugar from carbohydrates in the food that you eat

11. basic unit of life

12. Technology based on Biology

13. are essential to the functioning of our cells

14. a genetic structure in a cell that can replicate independently of the chromosomes

15. used to cut DNA into pieces

18. the complete set of genes or genetic material present in a cell or organism

21. The first company to focus on genetic engineering