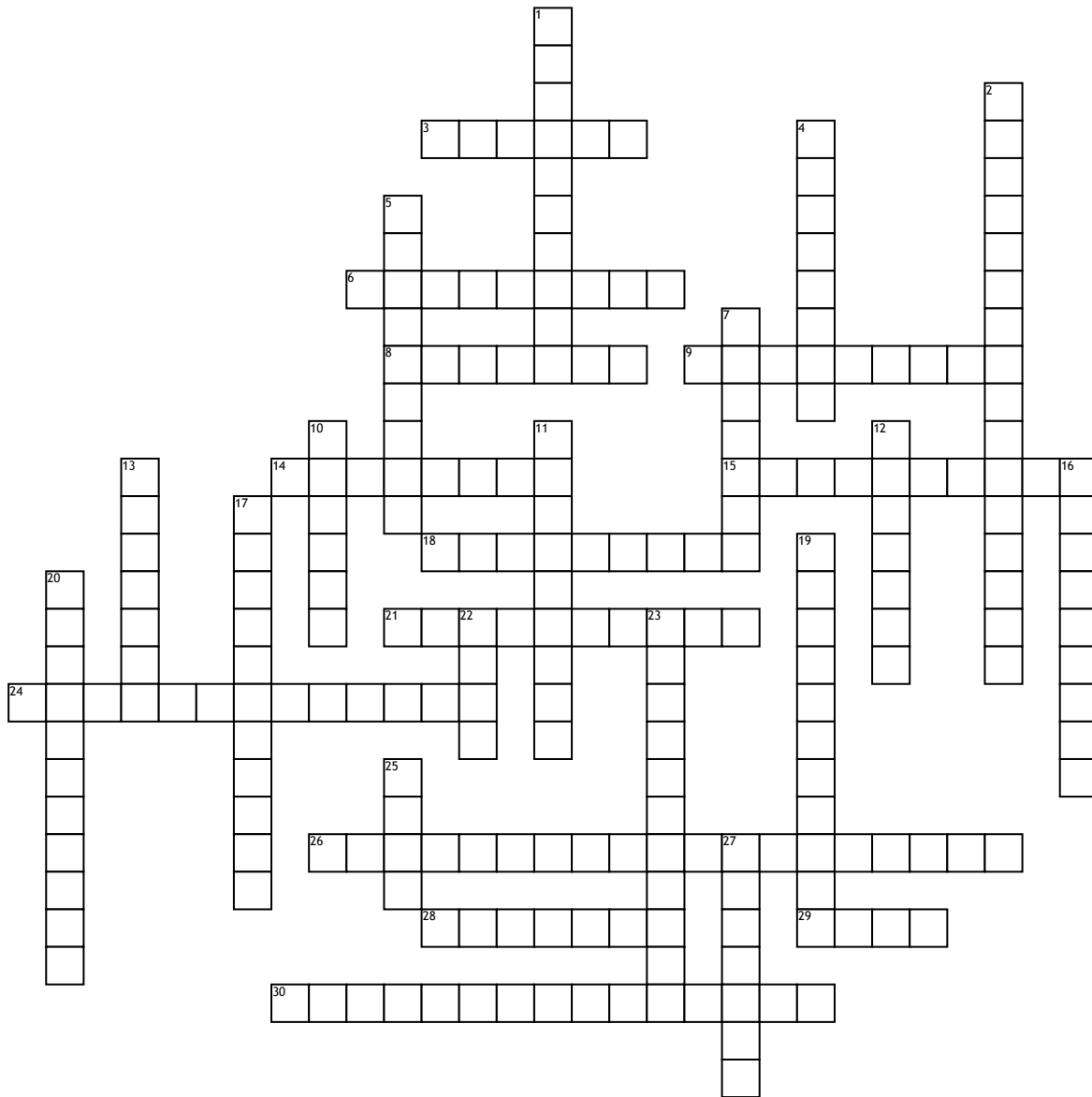


# Biology Crossword



**Across**

- 3. nitrogenous base found in RNA instead of thymine
- 6. materials move from an area of high concentration to an area of low concentration without the use of energy
- 8. the diffusion of water across a semi-permeable membrane from an area of high concentration to low concentration
- 9. when individuals within a population vary genetically
- 14. describes the concentration of a solution outside of the cell
- 15. nitrogenous base with its sugar and a phosphate
- 18. creates proteins
- 21. change in allele frequency due to a catastrophe
- 24. first stage of making a protein

- 26. unrelated species become more similar as they adapt to the same kind of environment
- 28. controls all cell activities
- 29. basic unit of life
- 30. cells use energy to move substances in and out of the cell

**Down**

- 1. movement of a substance by a vesicle to the outside cell
- 2. shows the evolutionary relationship among biological species that are known to have a common ancestor
- 4. the solutions on either side of the membrane have the same solute concentration
- 5. building blocks of a protein
- 7. where do you get your traits from?
- 10. allows scientists to see a continual series of change of a species

- 11. fluid that cushions the organelles
- 12. In order for natural selection to occur all populations must have \_\_\_\_\_ variations
- 13. chain of amino acids, compound used by DNA to control all cell processes/build structures
- 16. shift in allele frequencies within a population
- 17. the leaving of an organism from a habitat or population
- 19. will mix well with water
- 20. will not mix well with water
- 22. transfer ribonucleic acid
- 23. movement of a substance into a cell by a vesicle
- 25. messenger ribonucleic acid
- 27. used for storage