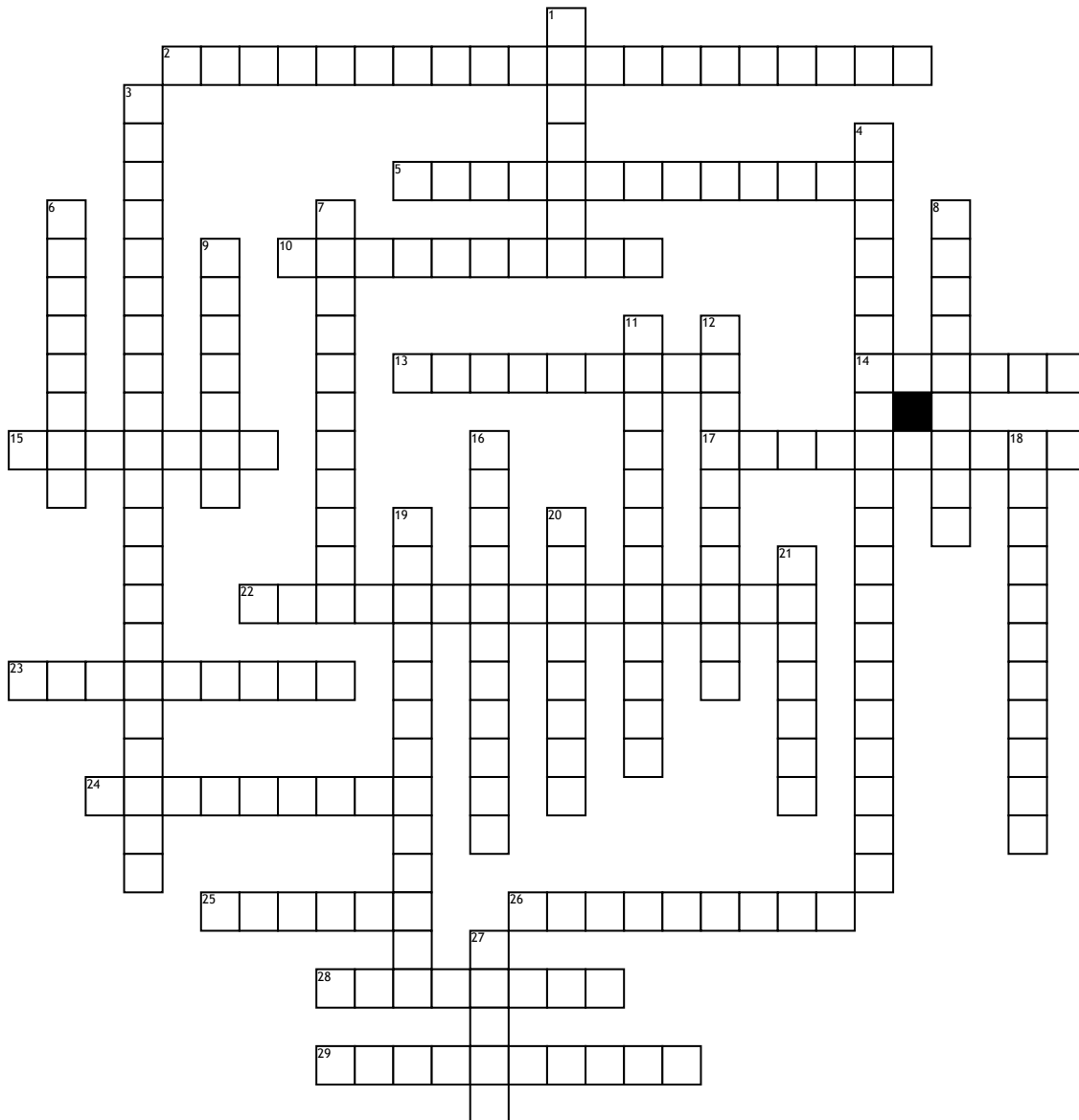


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OCR Biology Chapter 3 Keywords



Across

2. Nucleotide composed of nitrogenous base (adenine), a pentose sugar and two phosphates
 5. Enzyme that catalyses the formation of phosphodiester bonds between adjacent nucleotides
 10. Reaction which splits a larger molecule by using a molecule of water
 13. Plant polysaccharide formed from beta glucose, every second one inverted
 14. Chemical used to test for starch
 15. Two glucose molecules linked by a 1-4 glycosidic bond form this
 17. Monomer used to build polypeptides
 22. Removal of carbon dioxide from a molecule
 23. Short strand of RNA produced in transcription

24. Long chain carboxylic acid used in the formation of triglycerides
 25. Chemical test reagent for detecting protein
 26. 3' to 5' strand of DNA which acts as a template for mRNA synthesis
 28. Proteins that form a complex with DNA called chromatin
 29. Covalent bond between two monosaccharides

Down

1. Long, insoluble structural protein
 3. Nucleotide composed of nitrogenous base (adenine), a pentose sugar and three phosphates
 4. The molecule responsible for the storage of genetic information
 6. Spherical, water-soluble proteins
 7. A physical property meaning attracted to water

8. Copper (II) sulfate based reagent used in testing for sugars
 9. A disaccharide made up of glucose and galactose
 11. Reaction between two components to form a larger molecule which releases water
 12. Change in tertiary structure of a protein or enzyme, usually leading to loss of function
 16. A physical property meaning repelled by water
 18. Enzyme which catalyses the unzipping of DNA
 19. Organic polymers composed of CHO, also referred to as saccharides
 20. Alcohol found in triglycerides
 21. Regions of non-coding DNA
 27. 3 base sequence of DNA or RNA that codes for an amino acid