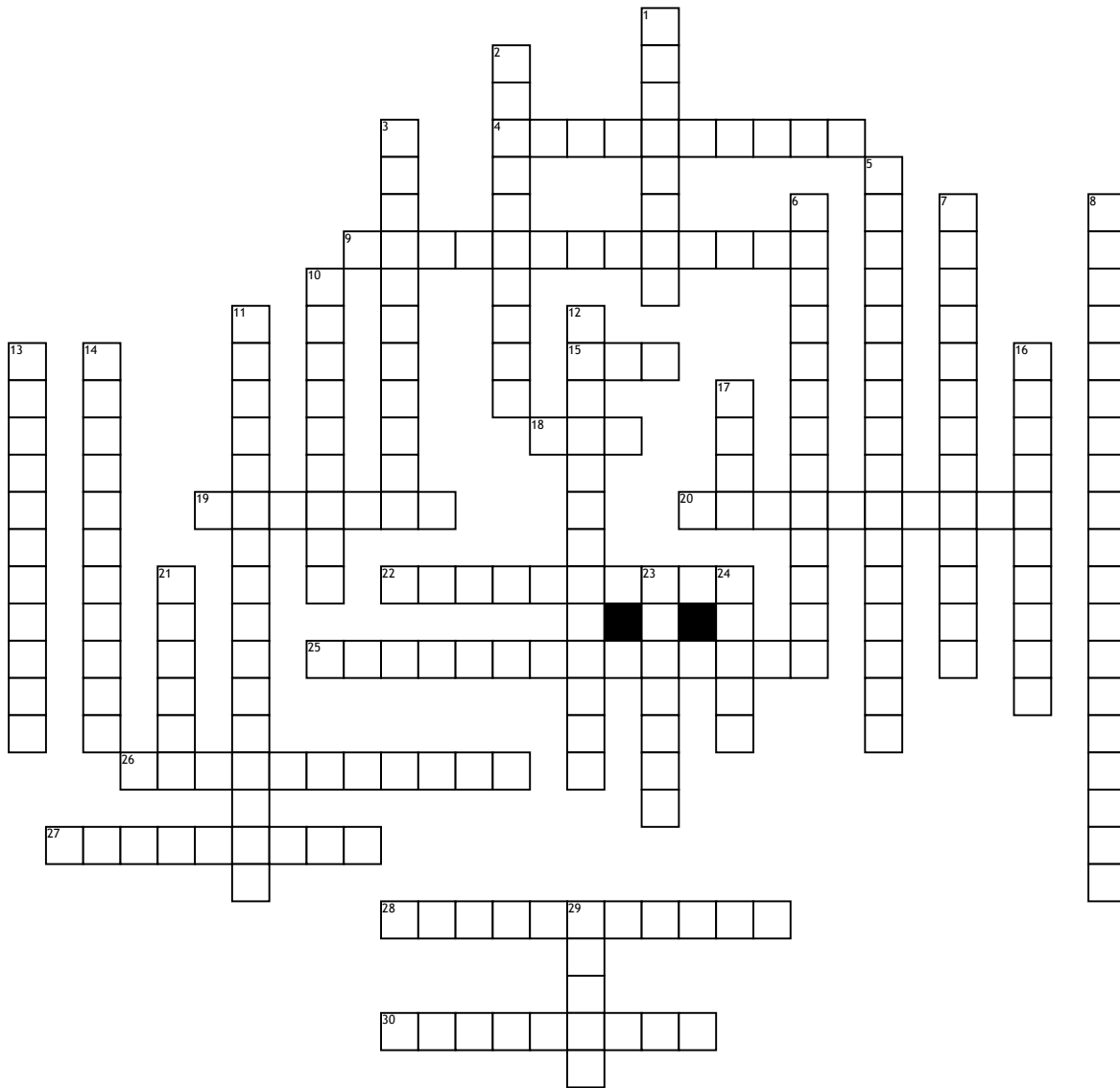


H: Crossword



Across

- 4. packed, coiled form of DNA
- 9. enzyme that joins nucleotides to produce strands of DNA and proofreads
- 15. ribonucleic acid
- 18. deoxyribonucleic acid
- 19. protein DNA wraps around
- 20. area where the 2 DNA copies are held together until split
- 22. nitrogen base including thymine & cytosine
- 25. type of gene mutation where a change is made at a single point
- 26. mRNA language, determines amino acid
- 27. change in genetic material
- 28. the copying of DNA
- 30. group of 3 bases on tRNA that "check" for accuracy of amino acid

Down

- 1. area of DNA that signals enzyme where to start
- 2. the monomer, building block in DNA
- 3. second step in protein synthesis
- 5. 2 identical copies of a chromosome attached
- 6. a change in the gene (base)
- 7. enzyme used to copy DNA into mRNA
- 8. changes in the whole chromosome
- 10. DNA wrapped with proteins and fit into nucleus
- 11. production of a protein
- 12. first step in protein synthesis
- 13. the bonding pattern between the nitrogen bases
- 14. 5 carbon sugar making up part of the nucleotide

- 16. DNA wrapped around histone
- 17. section of DNA that is coded instructions to make proteins
- 21. nitrogen base including adenine & guanine
- 23. non-coded instruction for protein on DNA
- 24. coded instructions for protein on DNA
- 29. group of 3 bases on mRNA