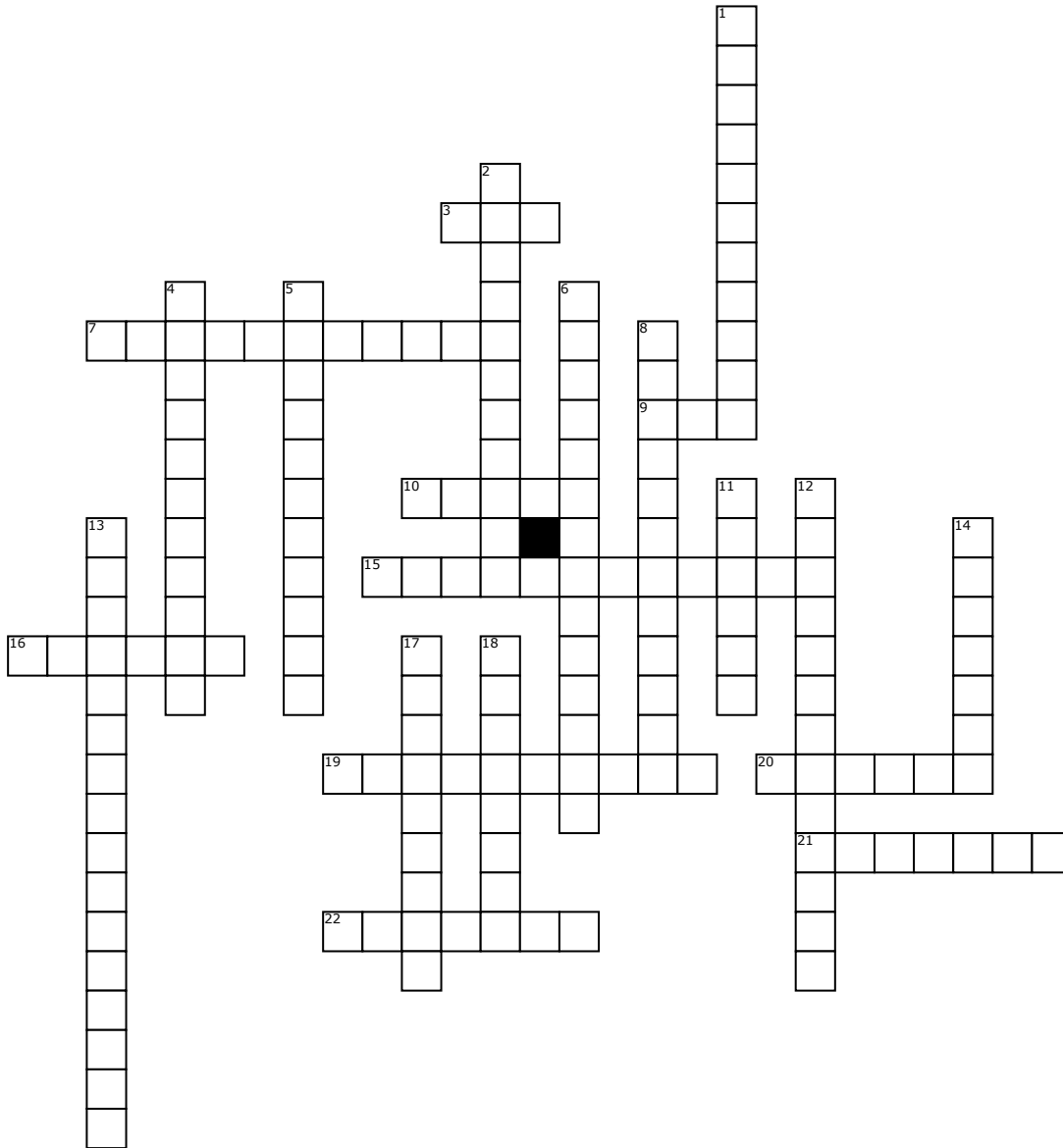


Protein Synthesis



Across

- 3.** Codon for "start"
7. Sugar found in DNA
9. Deoxyribonucleic acid
10. Group of three bases in DNA or RNA
15. Type of RNA that carries DNA's message out of the nucleus to be translated into protein
16. Base found only in RNA but not in DNA
19. Building blocks that are connected together to make protein during translation
20. Sugar found in RNA
21. Base found only in DNA but not RNA

22. DNA to RNA to _____

Down

- 1.** Type of RNA that transports amino acids from the cytoplasm to the ribosome
2. Basic building block of DNA
4. The shape of DNA molecule
5. Process of creating proteins
6. Two scientists who took x-ray evidence without permission and got the nobel prize for "discovering" the structure of DNA
8. Weak type of bond between the bases in DNA
11. Name of amino acid coded by mRNA sequence "AGU"

12. The process where genetic information in DNA is copied to make mRNA

13. Scientist who obtained evidence for the shape of DNA through x-ray diffraction (Photo 51)

14. Name of amino acid coded by mRNA sequence "CCG" (hint: see codon wheel)

17. Group of 3 bases on tRNA that matches up with codons on mRNA

18. Cell part known as the protein-making machine (this is where translation happens)