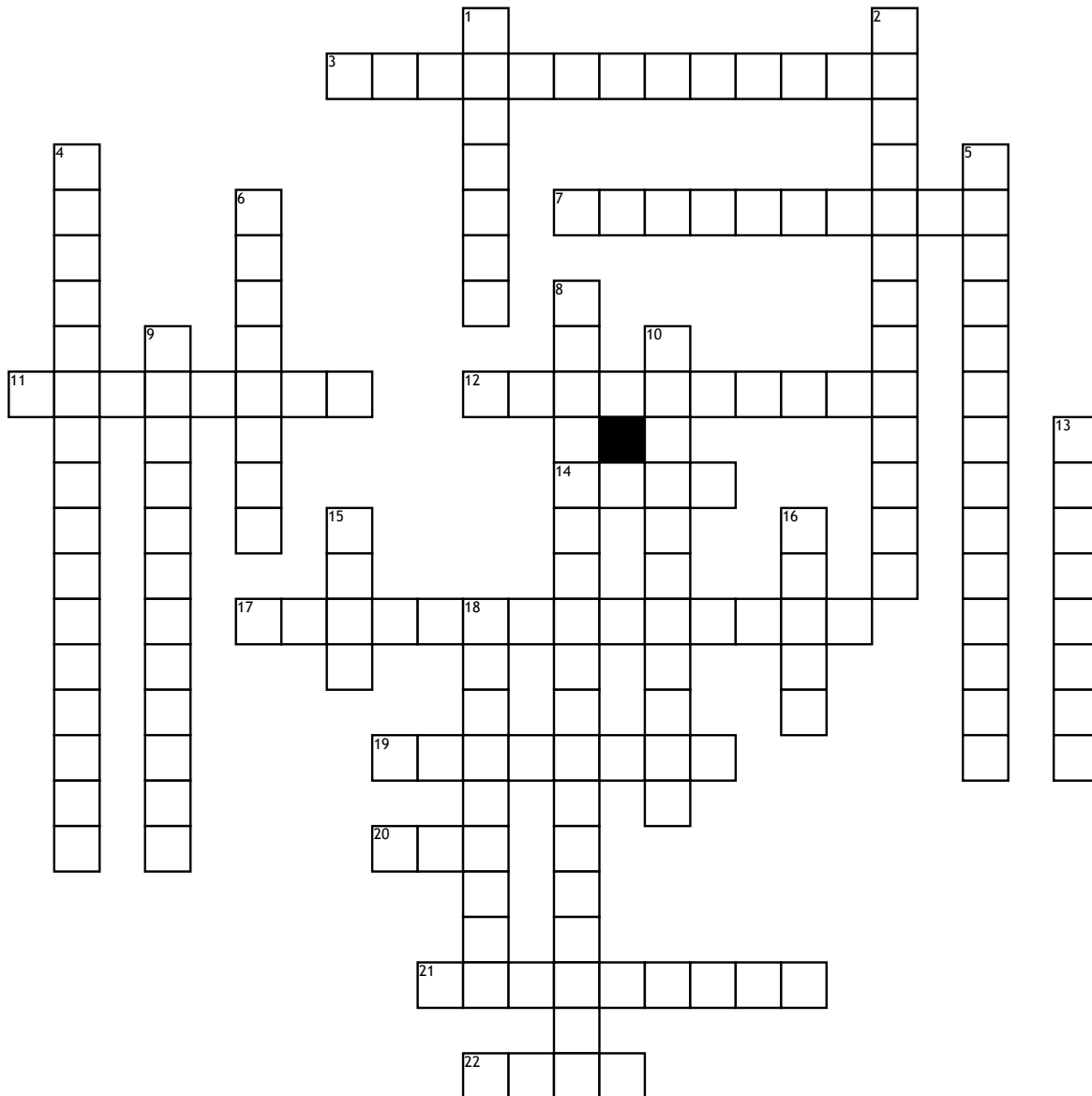


DNA Crossword Puzzle



Across

3. encoding of genetic instructions on a strand of mRNA
 7. carries the form genetic information of genes
 11. organelle contains rRNA and proteins, also essential in protein sythesis Coding Strand / base sequence corresponds to the base sequence of the RNA transcript produced
 12. part of chromosome where micotubules attach during cell division
 14. reads messages from nucleic acids and preforms translation
 17. cells express or repress genes
 19. binding site in DNA chain
 20. carries genetic information and made up of chromosomes

21. three nitrogenous bases on a tRNA molecule that interact with an appropriate codon on a strand of mRNA
 22. carries DNA from nuselus to ribosome sites for protein synthesis

Down

1. nucleotide sequences within a gene, not expressed in the final mRNA
 2. enzyme that catalyzes the synthesis of an RNA strand
 4. amino acids are lined into proteins through rRNA,tRNA,and mRNA
 5. noncoding strand of DNA that is used as a templete Codon / sequence of three niteogenous bases along and mRNA strand that specifies location of amino acid
 6. group of basic proteins found in chromatin

8. information about an individual's genetic test
 9. base sequence corresponds to the base sequence of the RNA transcript produced
 10. process of peptide formation from the instructions carried by mRNA strand
 13. change in nucleotide sequence of the DNA in a cell
 15. hereditary unit that is located on a particular site of a chrromosome
 16. nucleotide sequences within a gene, expressed in mRNA
 18. distributed in the nucleus and forms chromosomes during cell division