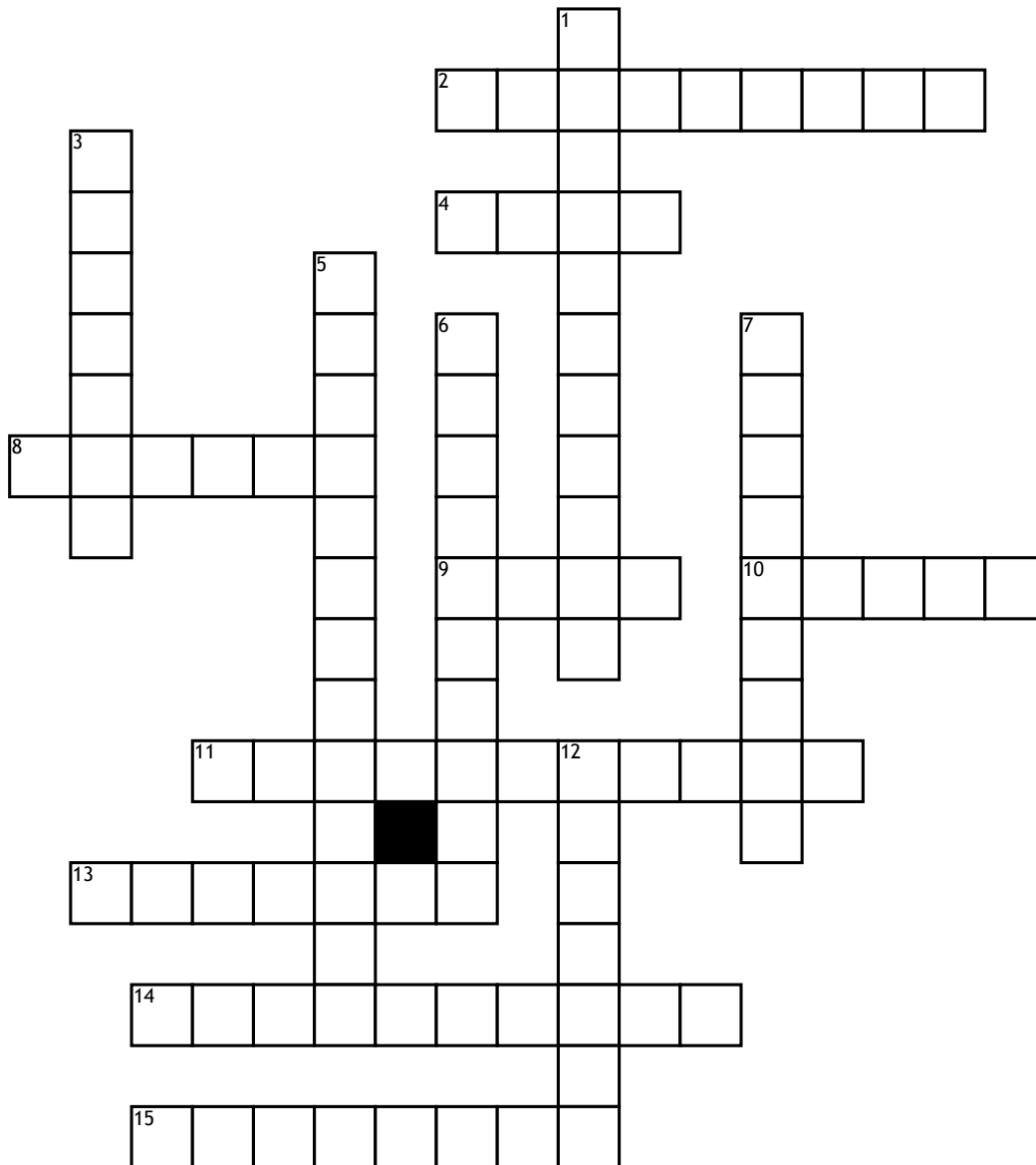


DNA and Genetics crossword



Across

2. Long, thin structure composed of DNA wound around histone proteins
4. sequence of DNA that codes for a protein and thus determines a trait
8. Non-coding nucleotides in DNA that are not important for the amino acid making process, and stay in the nucleus
9. Coding sequences for specific protein products that leave the nucleus

10. three-nucleotide sequence on messenger RNA that codes for a single amino acid

11. Copying process by which a cell duplicates its DNA

13. Nitrogen base that pairs with cytosine.

14. monomers of proteins

15. Nitrogen base that pairs with guanine.

Down

1. Process in which mRNA attaches to the ribosome and a protein is assembled

3. nitrogen base found ONLY in DNA that pairs with adenine

5. the process of synthesizing RNA by using one strand of a DNA molecule as a template

6. Monomer of nucleic acids made up of a 5-carbon sugar, a phosphate group, and a nitrogenous base

7. group of three bases on a tRNA molecule that are complementary to an mRNA codon

12. nitrogen base found in DNA and RNA; pairs with thymine in DNA