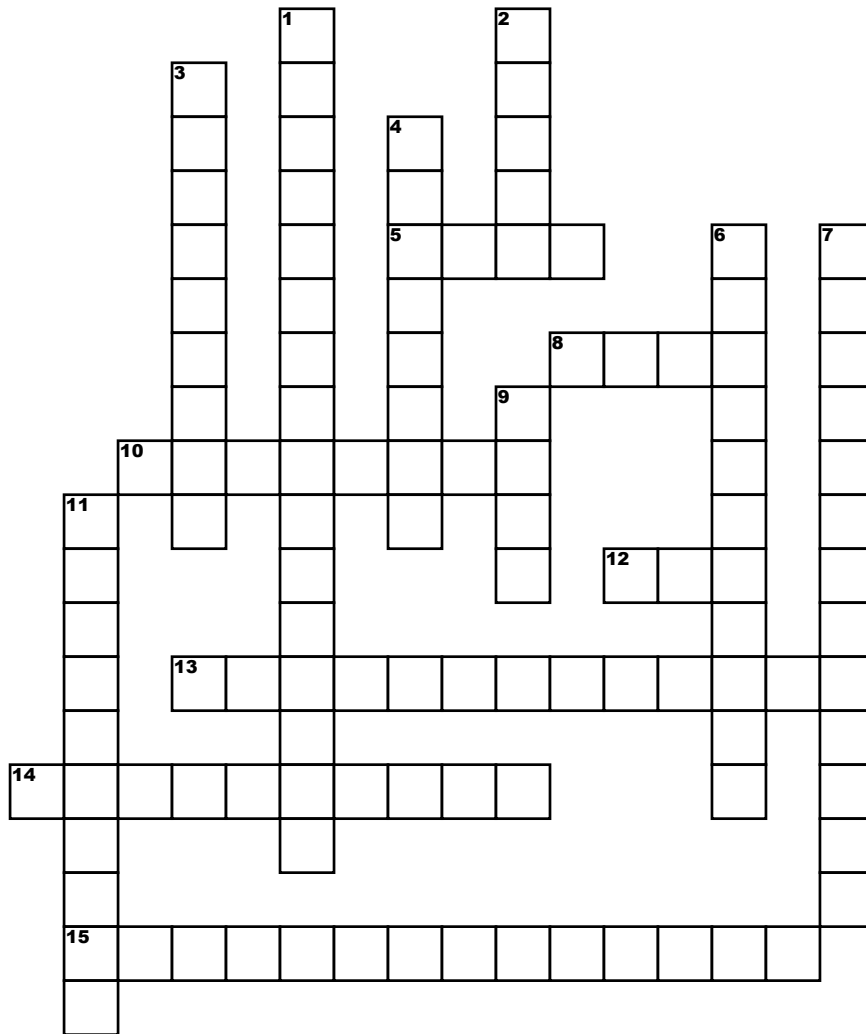


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# DNA Vocabulary



## Across

**5.** Physical link between the mRNA and the amino acids sequence of proteins

**8.** Essential for protein synthesis in all living organisms

**10.** Organelle that produces proteins

**12.** Single stranded molecule found in Cytoplasm

**13.** Process in which the DNA is copied into RNA by polymerase

**14.** Bonding of a large number of amino acids forming a chain

**15.** Process of producing two identical replicas of DNA

## Down

**1.** Made up of adenine, thymine, guanine, and cytosine

**2.** Three nucleotides that form a genetic code

**3.** The monomer for Protein

**4.** A significant and basic change

**6.** Process in which ribosomes create proteins.

**7.** Type of base that allows cells to copy information from one generation to another

**9.** The molecular unit of heredity

**11.** Monomer for nucleic acid

## Word Bank

RNA

Ribosome

tRNA

Translation

Transcription

Complementary

rRNA

Gene

Polypeptide

Amino acid

nucleotide

DNA replication

Nitrogenous bases

Codon

Mutation