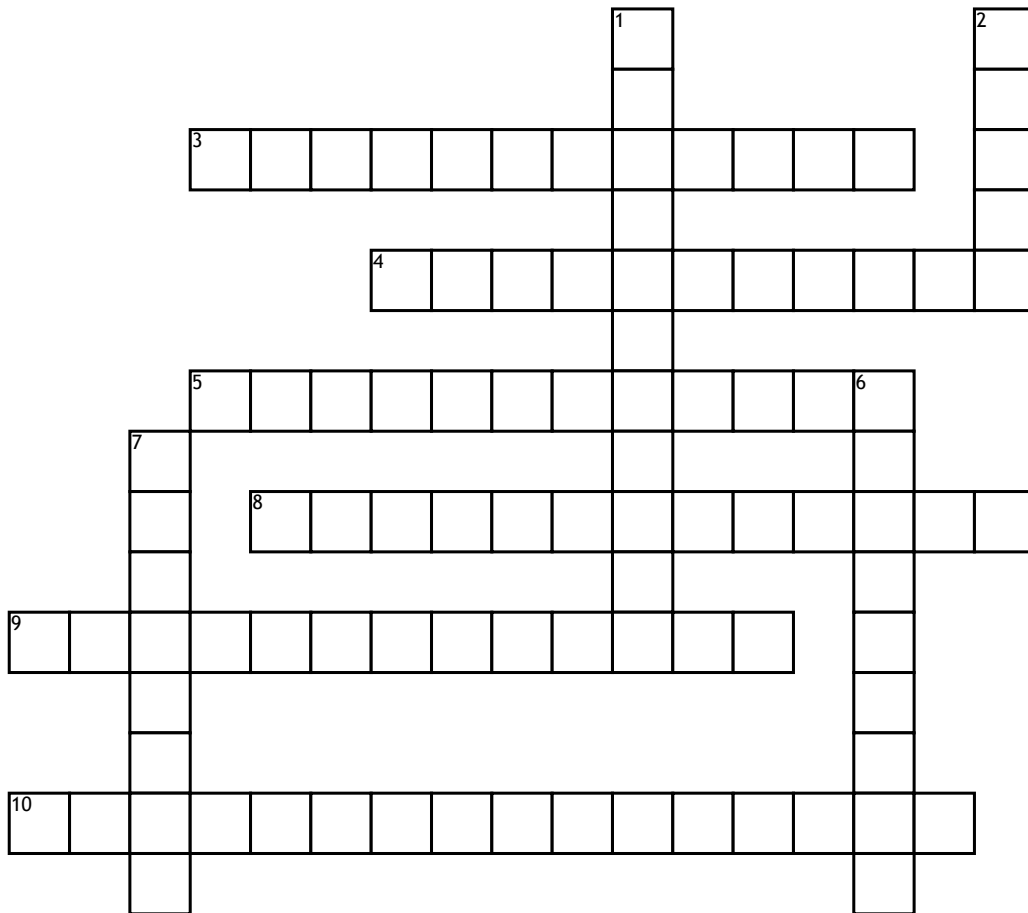


# Vocabulary Crossward



**Across**

- 3. non-coding strands of RNA that serve as the subunits of ribosomes
- 4. process by which mRNA is used to synthesize amino acids
- 5. coding strand of RNA that carries genetic information from DNA to ribosomes to build proteins
- 8. process of copying DNA into mRNA that carry amino acids to protein-building ribosomes
- 9. enzyme that regulates mRNA synthesis

- 10. cellular process to make proteins, which includes transcription and translation

**Down**

- 1. non-coding strands of RNA that carry amino acids to protein-building ribosomes
- 2. sequence of three nitrogen bases in DNA or mRNA that codes for an amino acid
- 6. building blocks of proteins
- 7. change in DNA sequence

**Word Bank**

- |               |               |                   |                |
|---------------|---------------|-------------------|----------------|
| ribosomal RNA | Messenger RNA | Protein Synthesis | Amino Acid     |
| Codon         | Translation   | Transcription     | RNA polymerase |
| mutation      | transfer RNA  |                   |                |