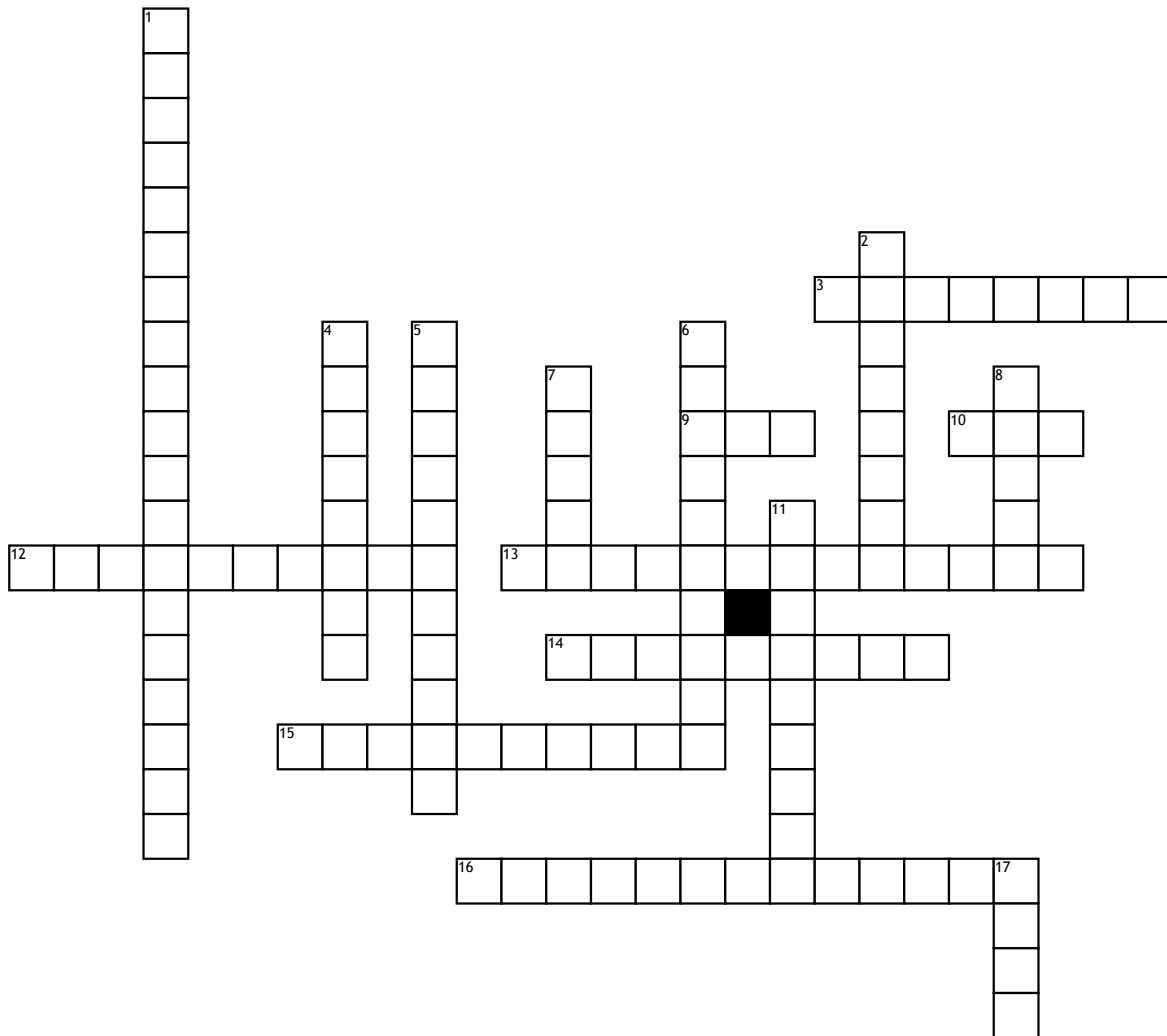


Transcription and translation



Across

3. Proteins attached or wound around DNA
 9. The RNA polymerase II and transcription factors make up together form..
 10. Start codon
 12. Middle phase of translation process
 13. Main transcription enzyme
 14. Three nucleotides that correspond to the three bases of the codon on the mRNA

15. Structures where DNA is tightly packed

16. The main transcription enzyme, and an enzyme that links nucleotides into a growing RNA chain during transcription.

Down

1. A regulatory protein that binds to DNA and affects transcription for specific genes.
 2. Cellular unit where translation takes place
 4. Removal of introns

5. Phase where RNA is shifted to the exit site (E)

6. Only codon that can bind in the P site of the ribosome.

7. How are nucleotides read
 8. Disease caused by defects on transcription factor

11. Where is tRNA sent after leaving the "E (Exit) site"

17. Coding region of a gene