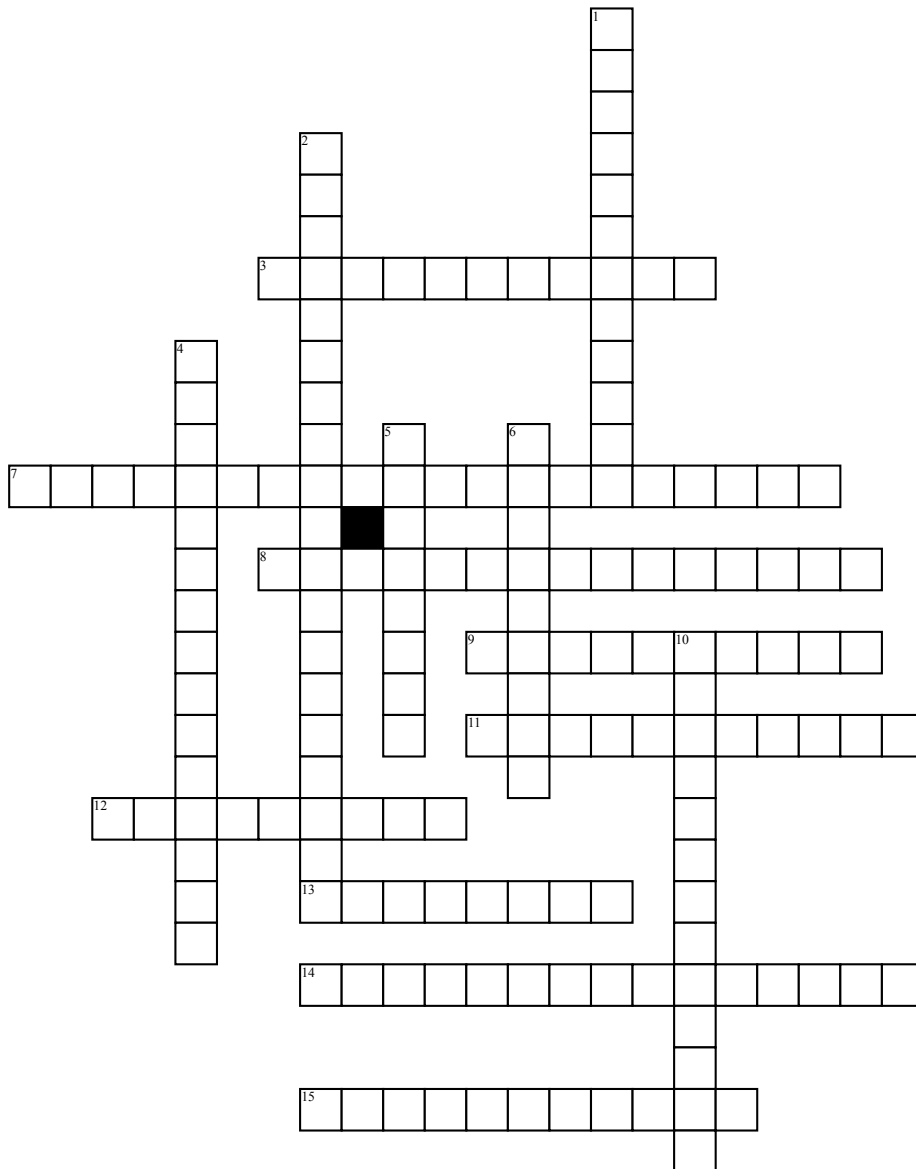


Name: \_\_\_\_\_

Date: \_\_\_\_\_

# Eukaryotic Gene Regulation



## Across

- 3. Methyl group is added
- 7. Protein that binds to DNA
- 8. Reduction of a chemical compound to one less complex
- 9. Increases the rate of transcription
- 11. DNA sequence that can move with Genome

- 12. Change of a DNA sequence in a gene or chromosome
- 13. The elimination of genes
- 14. Prevents protein synthesis from occurring
- 15. Introduction to an acetyl radical into an organic compound

## Down

- 1. RNA molecule that is not translated by proteins

- 2. Introns removed from primary RNA transcripts
- 4. attachment of a phosphate group to protein
- 5. Lipid that serves as a chemical messenger
- 6. Gene that activates other genes
- 10. Enzyme cascades amplify the cells regulation to a signal