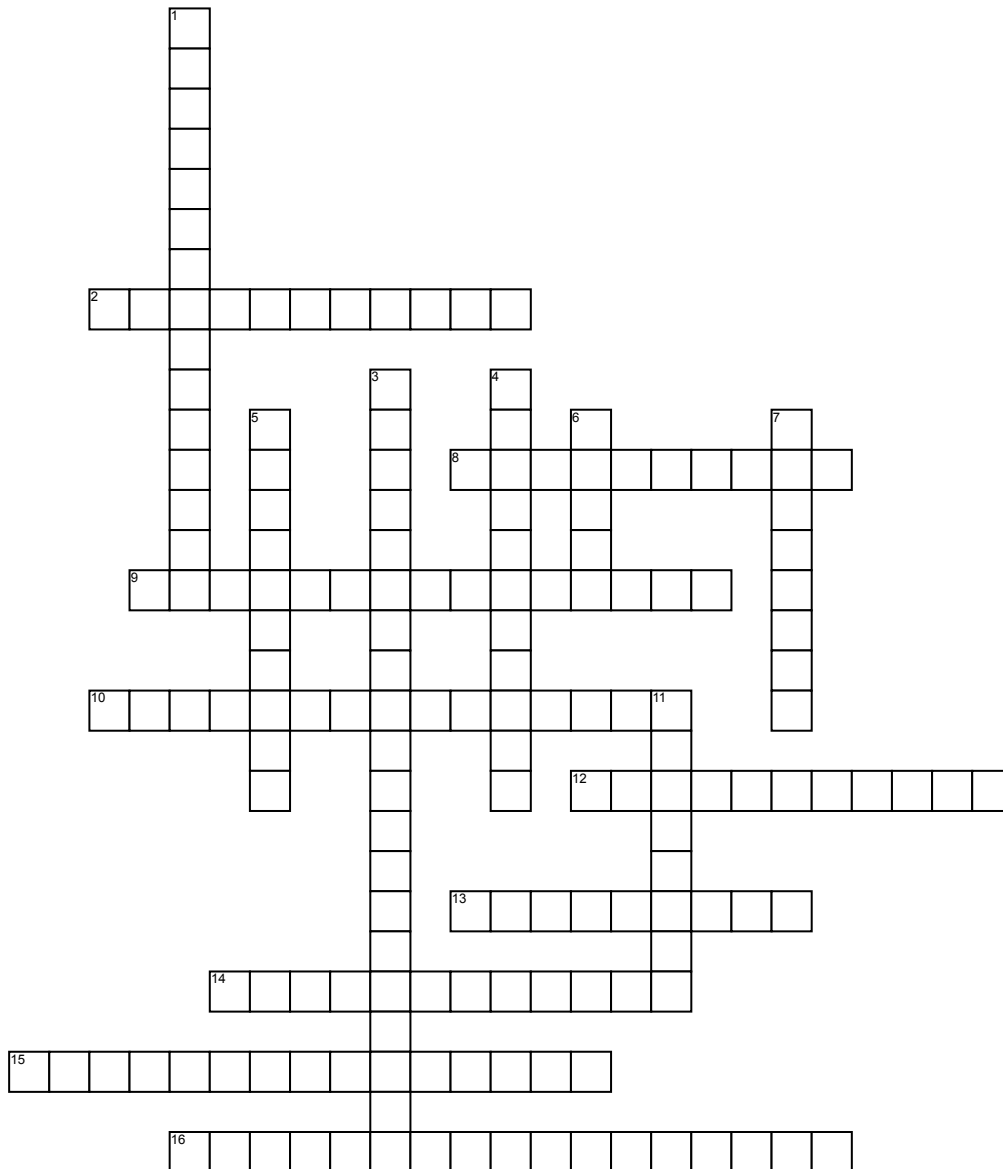


Gene Regulation Crossword Puzzle



Across

- 2.** a protein that blocks transcription
8. a protein that stimulates gene transcription
9. dark DNA (tight)
10. a protein that DNA wraps around
12. occurs on histones and increases gene expression

13. a death tag for unwanted proteins

14. proteins that take out introns

15. turns genes on

16. turns genes off

Down

- 1.** the time it takes proteins to digest a cell
3. proteins that start and regulate transcription of genes

4. light DNA(loose)

5. a protein degrading machine

6. short segments that bind to mRNA, a death tag for mRNA

7. where RNA polymerase binds

11. lipid molecules that send out signals to other cells when in the nucleus