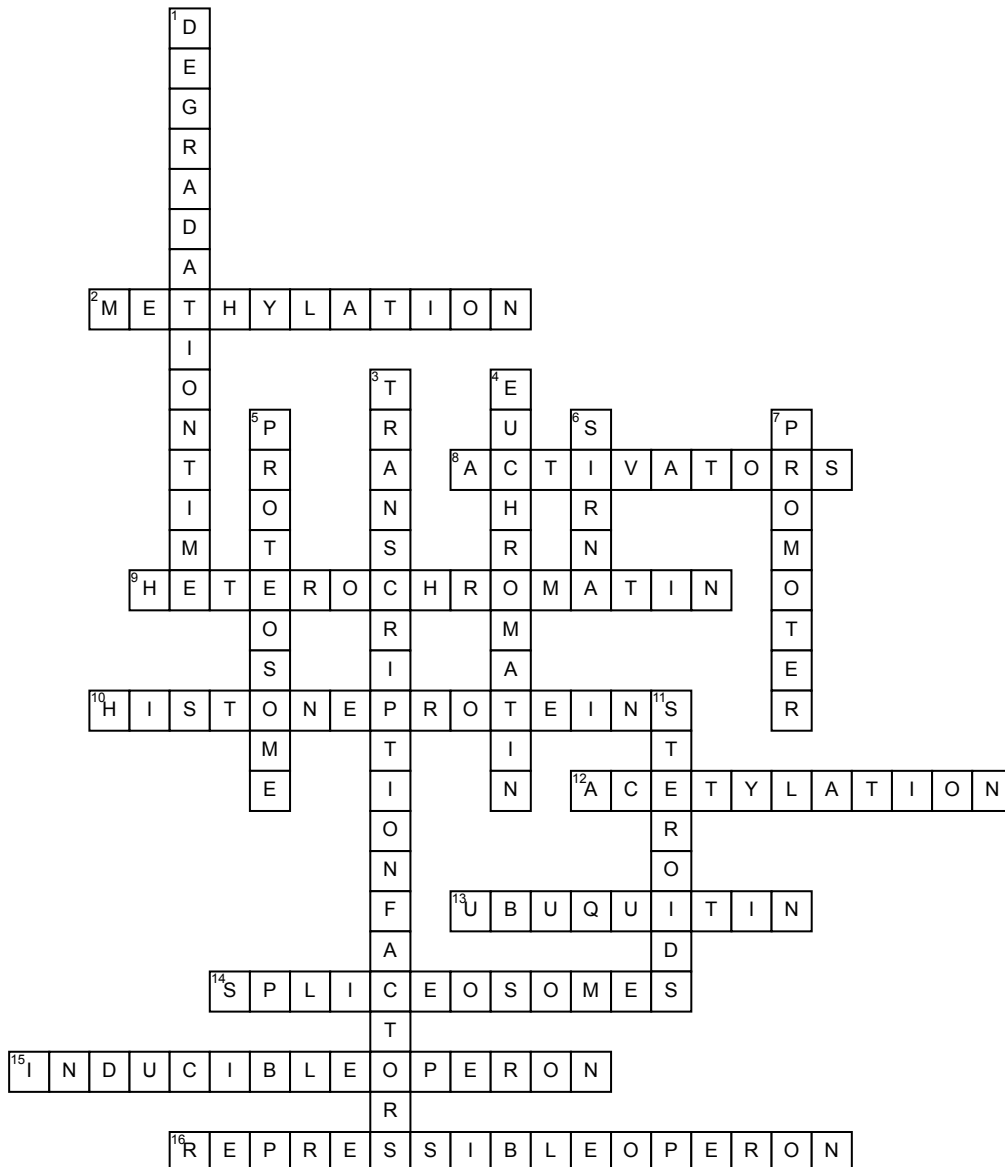


Gene Regulation Crossword Puzzle



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