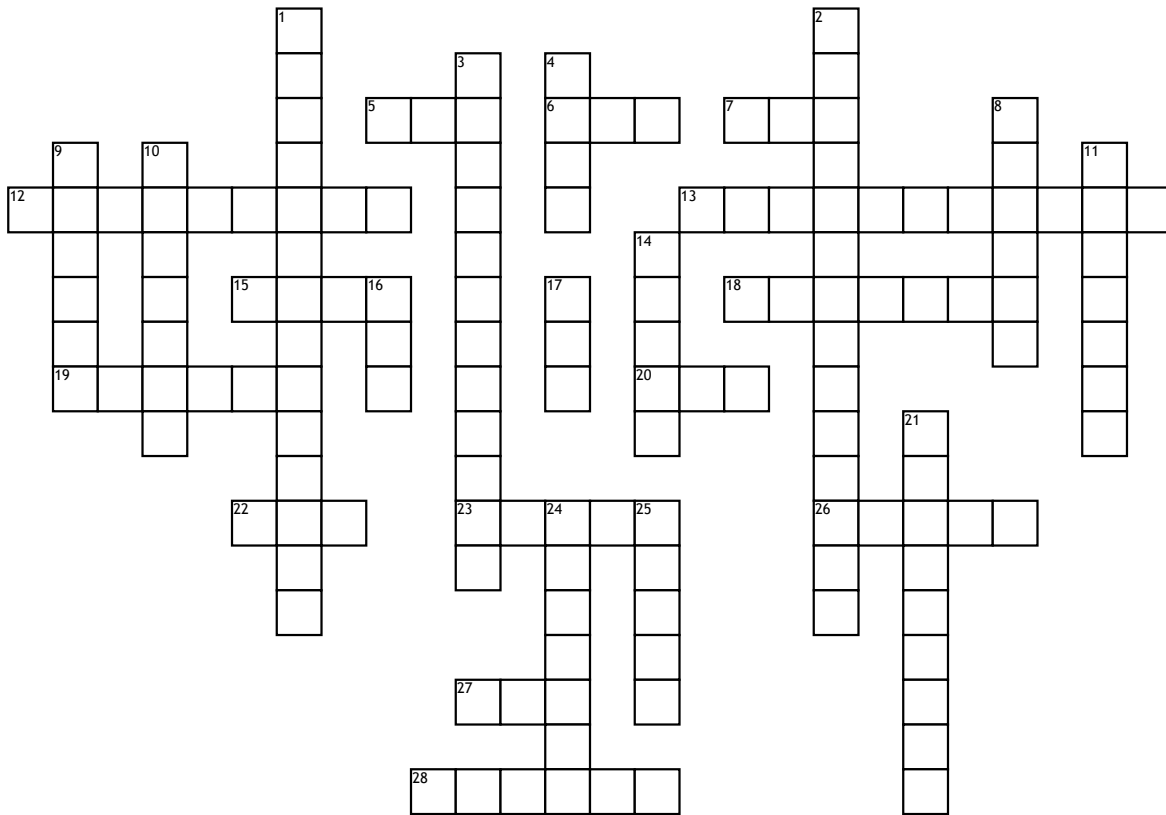


MADB group activity



Across

5. A-T base pairs make _____ hydrogen bonds
6. Termination of transcription can be _____ dependent or independent
7. added to the 5' end of mRNA during processing
12. type of RNA made in one long sequence
13. Cytosine and Thymine are
15. there is no tRNA that can recognize a _____ codon
18. nucleotide that can base pair with C, U, and A
19. all steps of central dogma require this
20. translation start codon

22. Site important for all mRNA processing steps
23. mature mRNA is made of a 5' cap, a polyA-tail, and _____

26. U6 is a type of
27. _____ has a double helical structure
28. lasso shape created by splicing

Down

1. newly synthesized GATC sites of DNA are
2. enzymes that manage supercoils
3. _____ are synthesized N to C terminus
4. RNA Pol III mainly produces

8. DNA polymerase needs this while RNA polymerase does not

9. seals gaps in DNA
10. In bacteria, translation and transcription are:
11. operons controlled by same regulator
14. Sequence in eukaryotes that helps determine correct start codon
16. DNA amplification method
17. Eukaryotic equivalent to sigma factors
21. Type of antibiotic
24. small fragments made in lagging strand
25. factors that bind with RNA polymerase in bacteria