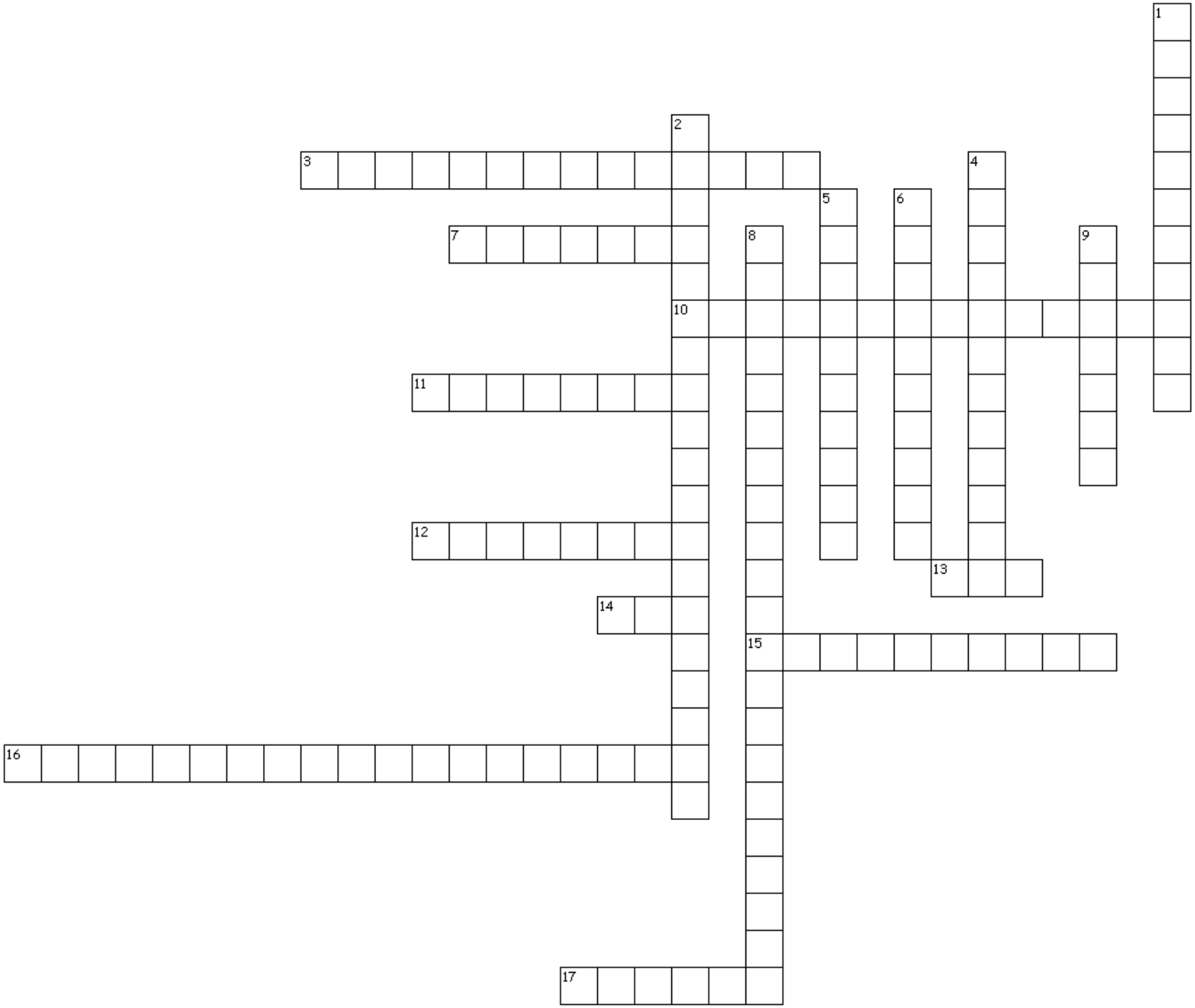
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Across:

3. a special sequence that is responsible for the formation of a hairpin loop
7. the terminator is located in ……
10. the terminator type where a hairpin loop is formed
11. location of the promoter sequence relative to the coding sequence
12. site of interaction between RNA polymerase and DNA sequence before making RNA
13. the direction of the RNA polymerase proofreading capability
14. an enzyme that breaks the DNA/RNA hybrid
15. DNA sequence where transcription ends
16. the local denatured DNA where transcription is taking place
17. the sigma factor attaches to specific sequences at …… and -35 box

Down:

1. part of the RNA polymerase that recognizes genes
2. the state of the promoter when the holoenzyme is attached and the DNA is untwisted
4. the terminator type that requires a specific helicase
5. location of the terminator sequence relative to the coding sequence
6. part of the RNA polymerase that recognizes and attaches to sigma factor
8. the state of the promoter when the holoenzyme is attached by the DNA is still double helix
9. the promoter is located in ……