

Cross Breeding

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What words can we make by adding words to these nucleotide sequences?
For instance:

_ _ _ _ _ G _ A T _ C _ _ _ _ _

Every nucleotide sequence contains at least one of each of A, T, G, C.
Answers are alphabetized by the word to be added (second column).
Note that some left-hand column words may appear more than once.

1. C A T _ _ G _ T _ _ _ _ _
2. _ T A G _ C _ A C _ _ _ _ _
3. _ _ G C A T C _ _ _ _ _ _ _
4. _ T A G _ C _ A C _ _ _ _ _
5. G _ A C _ A T _ _ _ _
6. G _ A C _ A T _ _ _ _
7. _ _ G A _ _ _ T _ C _ _ _ _ _
8. _ _ _ T A _ G _ C _ _ _ _
9. C _ A G _ _ A T _ _ _ _ _ _
10. G _ _ T _ C _ _ A T _ _ _ _ _ _ _
11. _ _ C _ _ G A _ _ T _ _ _ _ _ _ _
12. _ A G _ _ T _ C _ _ _ _
13. C _ _ T _ G _ A _ _ _ _ _

14. A G _ _ _ T _ C _ _ _ _ _ _ _ _ _
15. C _ T A _ G _ _ T _ _ _ _ _
16. C _ T A _ G _ _ T _ _ _ _ _
17. C _ _ T A G _ _ _ _ _ _ _ _
18. C _ _ G _ _ _ T A _ _ _ _ _ _
19. _ _ G A _ C _ A T _ _ _ _ _
20. _ _ _ G _ _ _ T _ C A T _ _ _ _ _
21. _ C A _ _ G _ A T _ _ _ _ _
22. _ _ A G _ A T _ C _ _ _ _ _
23. C _ _ G _ _ G A T _ _ _ _ _ _
24. C A _ T _ _ _ G _ _ _ _ _ _
25. C A _ T _ _ A G _ _ _ _ _ _
26. T _ A C _ _ _ G _ _ _ _ _
27. C A _ _ _ T _ _ _ G _ _ _ _ _
28. _ T _ A T _ G _ C _ _ _ _ _
29. _ _ C A _ G _ T _ _ _ _ _
30. C _ _ G _ A T _ _ A T _ _ _ _ _
31. _ T A G _ C _ A _ T _ _ _ _ _
32. T _ A C _ _ _ G _ _ _ _ _

33. _ T A G _ C _ A C _ _ _ _ _
34. C A _ T _ _ G _ _ _
35. G A _ T _ _ C _ _ _
36. _ T _ A T _ G _ C _ _ _ _
37. _ C A T T _ _ _ _ G _ _ _ _ _
38. _ _ C A _ G _ T _ _ _ _
39. _ _ G A _ C _ A T _ _ _ _
40. A C C _ _ _ T _ _ G _ _ _ _ _