

### Bio366, Test 3: KEY FOR THE ENZYME/PROTEIN MATCHING SECTION

1. aminoacyl-tRNA synthetases, class I
2. aminoacyl-tRNA synthetases, class II
3. chaperones
4. CPSF (Cleavage & Polyadenylation Specificity Factor)
5. DNA polymerase
6. EF-Tu (translation elongation factor Tu)
7. EF-Ts
8. guanylyltransferase
9. gyrase
10. helicase, ATP-dependent
11. histone H1
12. histone H2A
13. histone H2B
14. histone H3
15. histone H4
16. IF-1 (translation initiation factor)
17. IF-2
18. IF-3
19. eIF-2
20. inorganic pyrophosphatase
21. peptidyl transferase
22. photolyase
23. photoreactivating enzyme
24. poly(A) binding protein (PABP)
25. poly(A) polymerase
26. primase
28. release factor 1 (RF-1)
29. release factor 2 (RF-2)
30. release factor 3 (RF-3)
31. rho factor
32. RNA polymerase I
33. RNA polymerase II
34. RNA polymerase III
35. RNA polymerase holoenzyme (*E. coli*)
36. RNase P
37. Rox1
38. sigma factor (  $\sigma$ -factor)
39. spliceosome
40. stringent factor
41. TATA-binding protein (TBP)
42. TBP-associated factors (TAFs)
43. topoisomerase
44. transcription factors, general (GTFs)
45. transformylase
46. tRNA nucleotidyl-transferase
47. Tup1