Biology Vocabulary - Unit 5 (Genetics and Biotechnology)

1. adenine
2. allele
3. amino acid
4. anticodon
5. biotechnology
6. cancer
7. chromosome
8. codominance
9. codon
10. color-blindness
11. complimentary bases
12. cystic fibrosis
13. cytosine
14. deoxyribose
15. diploid (2n)
16. DNA (deoxyribonucleic acid)
17. DNA fingerprinting
18. dominant trait
19. fertilization
20. gametes
21. gel electrophoresis
22. gene
23. gene therapy
24. genetic engineering
25. genotype
26. guanine
27. haploid (n)
28. hemophilia
29. heterozygous
30. homozygous
31. Human Genome Project
32. Huntington’s disease
33. hydrogen bond
34. incomplete dominance
35. independent assortment
36. karyotype
37. monohybrid cross
38. mRNA
39. multiple alleles
40. mutation
41. nitrogenous base
42. nondisjunction
43. nucleic acid
44. nucleotide
45. pedigree
46. peptide bond
47. phenotype
48. phenylketonuria (PKU)
49. phosphate group
50. polygenic trait
51. polypeptide
52. protein synthesis
53. Punnett squares
54. recessive trait
55. restriction enzymes
56. ribose
57. ribosome
58. RNA (ribonucleic acid)
59. rRNA
60. plasmid
61. sex-linked trait
62. sickle cell anemia (disease)
63. stem cells
64. thymine
65. trait
66. transcription
67. transgenic
68. translation
69. tRNA
70. uracil
71. zygote
72. autosome
73. chromatid
74. chromatin
75. Down syndrome (trisomy 21)
76. homologous chromosomes
77. PCR (polymerase chain reaction)
78. recombinant DNA