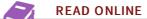


Principles of Genetics, Study Guide and Problems Workbook

By Snustad, D. Peter; Simmons, Michael J.

Wiley, 1999. Book Condition: New. Brand New, Unread Copy in Perfect Condition. A+ Customer Service! Summary: AN INTRODUCTION TO THE SCIENCE OF GENETICS. The Science of Genetics. Reproduction as the Basis of Heredity. CLASSICAL **GENETIC ANALYSIS.** Mendelism: The Basic Principles of Inheritance. Extensions of Mendelism. Inheritance of Complex Traits. The Chromosomal Basis of Mendelism. Variation in Chromosome Number and Structure. Linkage, Crossing Over, and Chromosome in Mapping Eukaryotes. Advanced Linkage Analysis. THE MOLECULAR BIOLOGY OF GENES. DNA and the Molecular Structure of Chromosomes. Replication of DNA and Chromosomes. Transcription and RNA Processing. Translation and the Genetic Code. Mutation, DNA Repair, and Recombination. Definitions of the Gene. THE GENETICS OF VIRUSES, BACTERIA, TRANSPOSONS, AND EUKARYOTIC ORGANELLES. The Genetics of Viruses. The Genetics of Bacteria. Transposable Genetic Elements. The Genetics of Mitochondria and Chloroplasts. MOLECULAR GENETIC ANALYSIS. The Techniques of Molecular Genetics. Genomics. Molecular Analysis of Genes and Gene Products. THE REGULATION OF GENE EXPRESSION. Regulation of Gene Expression in Prokaryotes and Their Viruses. Regulation of Gene Expression in Eukaryotes. THE GENETIC CONTROL OF BIOLOGICAL PROCESSES. The Genetic Control of Animal Development. The Genetic Control of Behavior. The Genetic Control of the Vertebrate Immune System. The Genetic Basis of Cancer. THE GENETICS...



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