



## Genetics and Genetic Engineering

By M Follower

Rajat, 2003. Hardbound. Book Condition: New. Contents: Preface. 1. Nucleic acids. 2. Structure of DNA and RNA. 3. Isolation of nucleic acids. 4. Isolation of specific nucleic acid sequences. 5. Function of nucleic acids. 6. Genetic code. 7. Translation and protein synthesis. 8. DNA replication. 9. Viruses. 10. Synthesis of nucleic acid sequence. 11. Genes, exons and introns. 12. Mutations, mutagens and genetic diseases. 13. Recombinant DNA, 14. Genetic engineering. 15. Cloning. 16. Genetic engineering and biosynthesis. 17. Recombinant DNA vaccines. 18. Heredity: genetics. 19. Cytogenetic diagnosis of genetic defects. 20. Genetic engineering in yeast: methods and applications. 21. Genetically engineered fungi for weed control. 22. Heredity: chromosomes. 23. Application of molecular biology. 24. MCQ section. 25. Questions on theory section. "This text deals with the numerous concepts in genetics and genetic engineering. These concepts have been written in simple and language with minimal use of technical terms. This full, self-explanatory text has been written especially for under-as well as postgraduate university students of genetic and genetic engineering. Profusely illustrated, the contents will ease the student's understanding of each topic covered. This text will be equally useful for biology students who study genetics and genetic engineering as a full course...



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