

Mrna Formation And Function

Kevin T. Patton, Gary A. Thibodeau

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Richter, 1997-10-15 mRNA Formation and Function presents a compendium of techniques geared exclusively toward the understanding of RNA metabolism It will be particularly useful because a number of different organisms and systems are employed Isolation and characterization of specific RNA binding proteins RNA metabolism and associated regulatory proteins RNA detection and localization A genetic approach to RNA function Computer Analysis Of Genetic Macromolecules: Structure, Function And Evolution Nikolay A Kolchanov, Hwa A Lim, 1994-03-29 Molecular biology and genetics are fast growing fields with significant results and findings being reported virtually every day Raw data from the wet lab accumulate at an astonishing rate making it necessary to analyze the biological data with the use of computers This book reveals how the current challenges of molecular biology and genetics are met with computer and mathematical treatments A combined effort of the Computational Genetics and Biophysics Group Supercomputer Computations Research Institute USA the Theoretical Molecular Genetics Russian Academy of Sciences Russia and the Bioinformatics Group Consiglio Nazionale delle Ricerche Italy many of these findings are firsthand discoveries made by these groups The book emphasizes the fundamental principles of the structural functional organization of the 3 major classes of genetic macromolecules DNA RNA and proteins It also introduces universally applicable theoretical principles into the enormous realm of raw data and develops an integrative theoretical computer approach to the analysis of these macromolecules to gain insights into the complexities of their function and evolution Structure & Function of the Body - E-Book Kevin T. 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