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   Nota di contenuto    Knowledge-Based Bioinformatics; Contents; Preface; List of Contributors; PART I FUNDAMENTALS; Section 1 Knowledge-Driven Approaches; Section 2 Data-Analysis Approaches; PART II APPLICATIONS; Section 3 Gene and Protein Information; Section 4 Biomolecular Relationships and Meta-Relationships; Trends and conclusion; Index

   Sommario/riassunto   There is an increasing need throughout the biomedical sciences for a greater understanding of knowledge-based systems and their application to genomic and proteomic research. This book discusses knowledge-based and statistical approaches, along with applications in bioinformatics and systems biology. The text emphasizes the integration of different methods for analysing and interpreting

biomedical data. This, in turn, can lead to breakthrough biomolecular discoveries, with applications in personalized medicine. Key Features: Explores the fundamentals and applications of knowledge-base