

1. Record Nr.	UNINA9910830512303321
Titolo	Data analysis and visualization in genomics and proteomics [[electronic resource] /] / editors, Francisco Azuaje and Joaquin Dopazo
Pubbl/distr/stampa	Hoboken, NJ, : John Wiley, c2005
ISBN	1-280-27600-2 9786610276004 0-470-09441-9 0-470-09440-0
Descrizione fisica	1 online resource (285 p.)
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Disciplina	372.860285 572.8/6
Soggetti	Genomics - Data processing Proteomics - Data processing Data mining
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Data Analysis and Visualization in Genomics and Proteomics; Contents; Preface; List of Contributors; SECTION I INTRODUCTION - DATA DIVERSITY AND INTEGRATION; 1 Integrative Data Analysis and Visualization: Introduction to Critical Problems, Goals and Challenges; 1.1 Data Analysis and Visualization: An Integrative Approach; 1.2 Critical Design and Implementation Factors; 1.3 Overview of Contributions; References; 2 Biological Databases: Infrastructure, Content and Integration; 2.1 Introduction; 2.2 Data Integration; 2.3 Review of Molecular Biology Databases; 2.4 Conclusion; References 3 Data and Predictive Model Integration: an Overview of Key Concepts, Problems and Solutions3.1 Integrative Data Analysis and Visualization: Motivation and Approaches; 3.2 Integrating Informational Views and Complexity for Understanding Function; 3.3 Integrating Data Analysis Techniques for Supporting Functional Analysis; 3.4 Final Remarks; References; SECTION II INTEGRATIVE DATA MINING AND VISUALIZATION - EMPHASIS ON COMBINATION OF MULTIPLE DATA TYPES; 4

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4.2 Introduction to Text Mining and NLP
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Sommario/riassunto

Data Analysis and Visualization in Genomics and Proteomics is the first book addressing integrative data analysis and visualization in this field. It addresses important techniques for the interpretation of data originating from multiple sources, encoded in different formats or protocols, and processed by multiple systems. One of the first systematic overviews of the problem of biological data integration using computational approaches
This book provides scientists and students with the basis for the development and application of integrative computational met
