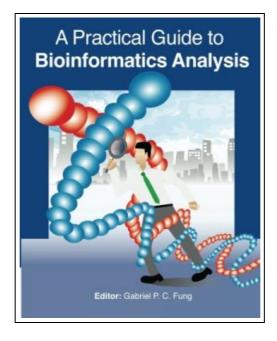
# A Practical Guide to Bioinformatics Analysis (Paperback)



Filesize: 2.55 MB

## Reviews

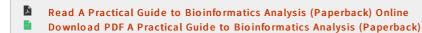
Comprehensive information for book fans. It is one of the most amazing book i actually have read. Once you begin to read the book, it is extremely difficult to leave it before concluding.

(Yoshiko Okuneva)

### A PRACTICAL GUIDE TO BIOINFORMATICS ANALYSIS (PAPERBACK)



Createspace Independent Publishing Platform, United States, 2010. Paperback. Condition: New. Language: English. Brand New Book \*\*\*\*\*
Print on Demand \*\*\*\*\*. A Practical Guide to Bioinformatics is suitable for advanced undergraduates and postgraduates. It takes a practical approach rather than conceptual approach and is an invaluable companion for students from their first encounter with the subject through to more advanced studies. The extensive and full-color artworks are designed to present the key concepts with simplicity, clarity and consistency. This book begins with discussing how to manage the data archives securely (Chapter 1). Data is one of the major and necessary components for bioinformatics analysis. This chapter gives us an overview of how we can protect our data. Among all kinds of bio-data, microarray data is arguably one of the most powerful and widely-use data. Chapter 2 to Chapter 4 discusses what we can do on top of microarray data. Besides microarray data analysis, network analysis is another very important research area. Chapter 5 to Chapter 7 extends the use of microarray data and focuses on network analysis in three different topics, namely, gene regulatory network, fuzzy gene network and metabolic network. Apart from analysis, annotating and browsing gene sequences is an area that we should never ignore. Chapter 8 to Chapter 9 discusses this important area. The rest of the book discusses some interesting and emerging topics in bioinformatics, which includes meiotic recombination hotspots (Chapter 10), primer and probe design for genome-wide DNA (Chapter 11), single nucleotide polymorphism analysis (Chapter 12), gene transcription regulation (Chapter 13), and protein-protein interaction network comparison (Chapter 14).



#### See Also



Letters to Grant Volume 2: Volume 2 Addresses a Kaleidoscope of Stories That Primarily, But Not Exclusively, Occurred in the United States. It de

Createspace, United States, 2013. Paperback. Book Condition: New. 216 x 140 mm. Language: English. Brand New Book \*\*\*\*\*
Print on Demand \*\*\*\*\*.Volume 2 addresses a kaleidoscope of stories that primarily, but not exclusively, occurred...

Read eBook »



#### Read Write Inc. Phonics: Purple Set 2 Non-Fiction 4 What is it?

Oxford University Press, United Kingdom, 2016. Paperback. Book Condition: New. 215 x 108 mm. Language: N/A. Brand New Book. These decodable non-fiction books provide structured practice for children learning to read. Each set of books...

Read eBook »



#### Weebies Family Halloween Night English Language: English Language British Full Colour

Createspace, United States, 2014. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book \*\*\*\*\*
Print on Demand \*\*\*\*\*.Children's Weebies Family Halloween Night Book 20 starts to teach Pre-School and...

Paad a Book



Barabbas Goes Free: The Story of the Release of Barabbas Matthew 27:15-26, Mark 15:6-15, Luke 23:13-25, and John 18:20 for Children

Paperback. Book Condition: New.

Read eBook »



#### Environments for Outdoor Play: A Practical Guide to Making Space for Children (New edition)

SAGE Publications Ltd. Paperback. Book Condition: new. BRAND NEW, Environments for Outdoor Play: A Practical Guide to Making Space for Children (New edition), Theresa Casey, 'Theresa's book is full of lots of inspiring, practical, 'how...

Read eBook »