

Genomic and Proteomic Techniques: In Post Genomics Era

Filesize: 7.92 MB

Reviews

This composed book is excellent. This really is for all who statte that there had not been a worth reading through. Your life period will probably be change as soon as you total looking over this ebook. *(Cheyanne Barrows)*

DISCLAIMER | DMCA

GENOMIC AND PROTEOMIC TECHNIQUES: IN POST GENOMICS ERA



Alpha Science International Ltd. Hardback. Book Condition: new. BRAND NEW, Genomic and Proteomic Techniques: In Post Genomics Era, R. S. Dassanayake, Y. I. N. Silva Gunawardene, "Genomic And Proteomic Techniques" describes the high throughput sophisticated computational tools and experimental techniques used in post genomic analyses to harness the genomic information to make novel biological discoveries. Beginning with a chapter on Bioinformatics that introduces readers to Word Wide Web based servers and software programs that are widely used for mining genomic information it moves on to a miniaturized high throughput technique, DNA microarrays, tailored for studying genome-scale genotyping and gene-expression profiling. An overview of another high throughput proteomic technique; two-dimensional polyacrylamide gel electrophoresis used in proteome separation and mass spectrometry and protein sequencing related techniques used for characterization and identification of proteins is followed by a description of yet another miniaturized high throughput proteomic technique, Protein Microarrays, developed to overcome the limitations associated with DNA microarray and to provide direct information about protein quantity, interactions, functions etc. Knowledge-based theoretical three-dimensional protein structure modeling approach; homology modeling as a realistic method to minimize the ever widening gap between known protein coding sequences and known protein structures and fully automated Protein modeling software and servers implemented in protein structure modeling in the post genomic era are also discussed.

Read Genomic and Proteomic Techniques: In Post Genomics Era Online
Download PDF Genomic and Proteomic Techniques: In Post Genomics Era

Other eBooks

\rightarrow

Oxford Reading Tree Read with Biff, Chip, and Kipper: Phonics: Level 2: I am Kipper (Hardback) Oxford University Press, United Kingdom, 2011. Hardback. Book Condition: New. 172 x 144 mm. Language: English . Brand New Book. Read With Biff, Chip and Kipper is the UK s best-selling home reading series. It... Save Document

\rightarrow	

Oxford Reading Tree Read with Biff, Chip, and Kipper: Phonics: Level 2: The Fizz-buzz (Hardback)

Oxford University Press, United Kingdom, 2011. Hardback. Book Condition: New. 174 x 142 mm. Language: English . Brand New Book. Read With Biff, Chip and Kipper is the UK s best-selling home reading series. It... Save Document

»		

»

»

\rightarrow	

Oxford Reading Tree Read with Biff, Chip and Kipper: Phonics: Level 2: A Yak at the Picnic (Hardback) Oxford University Press, United Kingdom, 2014. Hardback. Book Condition: New. Mr. Nick Schon (illustrator). 177 x 148 mm. Language: English . Brand New Book. Read With Biff, Chip and Kipper is the UK s best-selling... Save Document

\rightarrow

Oxford Reading Tree Read with Biff, Chip and Kipper: Phonics: Level 2: Win a Nut! (Hardback)

Oxford University Press, United Kingdom, 2014. Hardback. Book Condition: New. Mr. Alex Brychta (illustrator). 176 x 148 mm. Language: English . Brand New Book. Read With Biff, Chip and Kipper is the UK s best-selling... Save Document

\rightarrow	

Oxford Reading Tree Read with Biff, Chip, and Kipper: Phonics: Level 2: Cat in a Bag (Hardback)

Oxford University Press, United Kingdom, 2011. Hardback. Book Condition: New. 172 x 142 mm. Language: English . Brand New Book. Read With Biff, Chip and Kipper is the UK s best-selling home reading series. It... Save Document

Save Docum