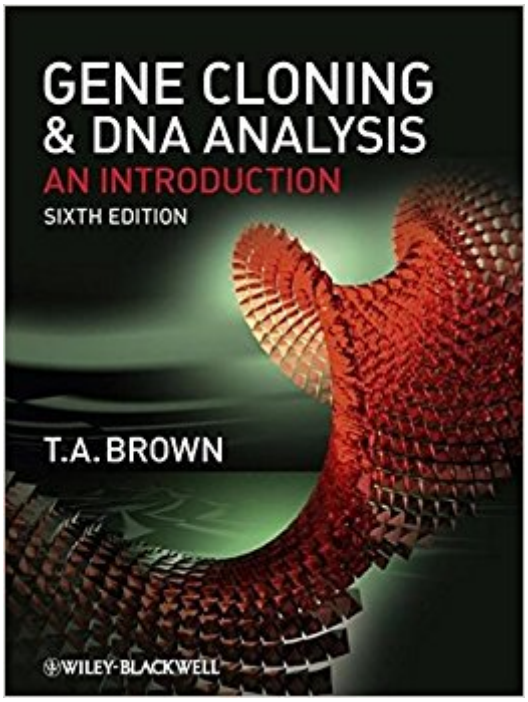
Gene Cloning And DNA Analysis: An Introduction



Synopsis

Known world-wide as the standard introductory text to this important and exciting area, the sixth edition of Gene Cloning and DNA Analysis addresses new and growing areas of research whilst retaining the philosophy of the previous editions. Assuming the reader has little prior knowledge of the subject, its importance, the principles of the techniques used and their applications are all carefully laid out, with over 250 clearly presented four-colour illustrations. In addition to a number of informative changes to the text throughout the book, the final four chapters have been significantly updated and extended to reflect the striking advances made in recent years in the applications of gene cloning and DNA analysis in biotechnology. Gene Cloning and DNA Analysis remains an essential introductory text to a wide range of biological sciences students; including genetics and genomics, molecular biology, biochemistry, immunology and applied biology. It is also a perfect introductory text for any professional needing to learn the basics of the subject. All libraries in universities where medical, life and biological sciences are studied and taught should have copies available on their shelves. "Ã¢â ¬Â¦ the book content is elegantly illustrated and well organized in clear-cut chapters and subsectionsÃ¢â ¬Â¦ there is a Further Reading section after each chapter that contains several key referencesÃ¢â ¬Â¦ What is extremely useful, almost every reference is furnished with the short but distinct author's remark." Ã¢â ¬â œJournal of Heredity, 2007 (on the previous edition)

Book Information

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Customer Reviews

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Terry Brown, University of Manchester, Faculty of Life Sciences, UK

An excellent introduction to DNA analyses. This book was written in a very straightforward manner that read more like a novel than a science textbook. I thought the material was presented very well and would recommend for anyone interested in the topic.

anyone who did molecular biology would agree with me that this is a very good book

I love this book; it’s interesting, engaging, and explains why certain procedures are done. I bought it for a class but I’m keeping this book for future references.

Came just when I needed it.

This book is very helpful for doing many laboratory experiments and serves as a guide to give you a detailed basis on what standard protocol for many experiments is.

The book is excellent and covers all the topics of interest and includes many references. Understandable by a layperson also. Good investment for the research I am doing.

Good introduction to the subject. Contains lots of images that make it easier when you need to use the same analytical techniques in lab.

I am a biomedicine 3rd year student and I had this book recommended by my lecturer.I would like to mention that the book is excellent for exam prep and I found it very usefulto understand the lectures

from the class course.Would 100% recommend it to anyone that studies advanced genetics and biomolecular sciences!

Gene Cloning and DNA Analysis: An Introduction DNA Testing Guide Book: Utilize DNA Testing to Analyze Family History Genealogy, Classify and Measure Ethnic Ancestry Research, And Discover Who You Are ... DNA Testing, Ancestry, Ancestry Research) Gene Simmons Coloring Book: Glam Rock and Kiss Guitarist Facepaint Pioneer and Pyro Showman Inspired Adult Coloring Book (Gene Simmons Books) Gene Keys: Unlocking the Higher Purpose Hidden in Your DNA The Gene Keys: Unlocking the Higher Purpose Hidden in Your DNA An Introduction to Forensic DNA Analysis, Second Edition Five Non Negotiables-The Catholic Church's Teaching on Abortion, Euthanasia, Embryonic Stem Cell Research, Human Cloning, and Same-Sex 'Marriage' Animal Cloning: The Science of Nuclear Transfer (New Biology) Cloning (Cutting Edge Science) The Ethics of Cloning (At Issue) Cloning (Opposing Viewpoints) Cloning (Biotechnology Revolution) When Scotland Was Jewish: DNA Evidence, Archeology, Analysis of Migrations, and Public and Family Records Show Twelfth Century Semitic Roots Forensic Analysis and DNA in Criminal Investigations and Cold Cases Solved: Forensic Science Ancient DNA: Recovery and Analysis of Genetic Material from Paleontological, Archaeological, Museum, Medical, and Forensic Specimens Data Analysis Tools for DNA Microarrays Summary, Analysis & Review of Gene Kim's, Jez Humble's, Patrick Debois's, & John Willis's The DevOps Handbook by Instaread MTHFR Gene Mutation: An Introduction (Article) The Selfish Gene: 30th Anniversary Edition--with a new Introduction by the Author Analytics: Business Intelligence, Algorithms and Statistical Analysis (Predictive Analytics, Data Visualization, Data Analytics, Business Analytics, Decision Analysis, Big Data, Statistical Analysis)