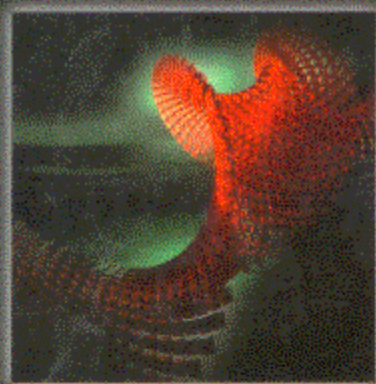




# GENE CLONING & DNA ANALYSIS

## AN INTRODUCTION

### SIXTH EDITION

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 chapters on PCR, DNA sequencing and genome studies have been significantly updated and extended to reflect the striking advances made in recent years in these areas of modern biological research:

- New material on real-time PCR and its use in quantification of DNA and RNA
- New section on the 'next generation' sequencing methods which are revolutionizing genome studies
- Extended coverage of techniques for locating genes in genome sequences and identifying the functions of those genes
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*Gene Cloning and DNA Analysis* remains an essential introductory text to a wide range of biological sciences students, including students of 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.

Companion website available at [www.wiley.com/go/brown/cloning](http://www.wiley.com/go/brown/cloning)

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