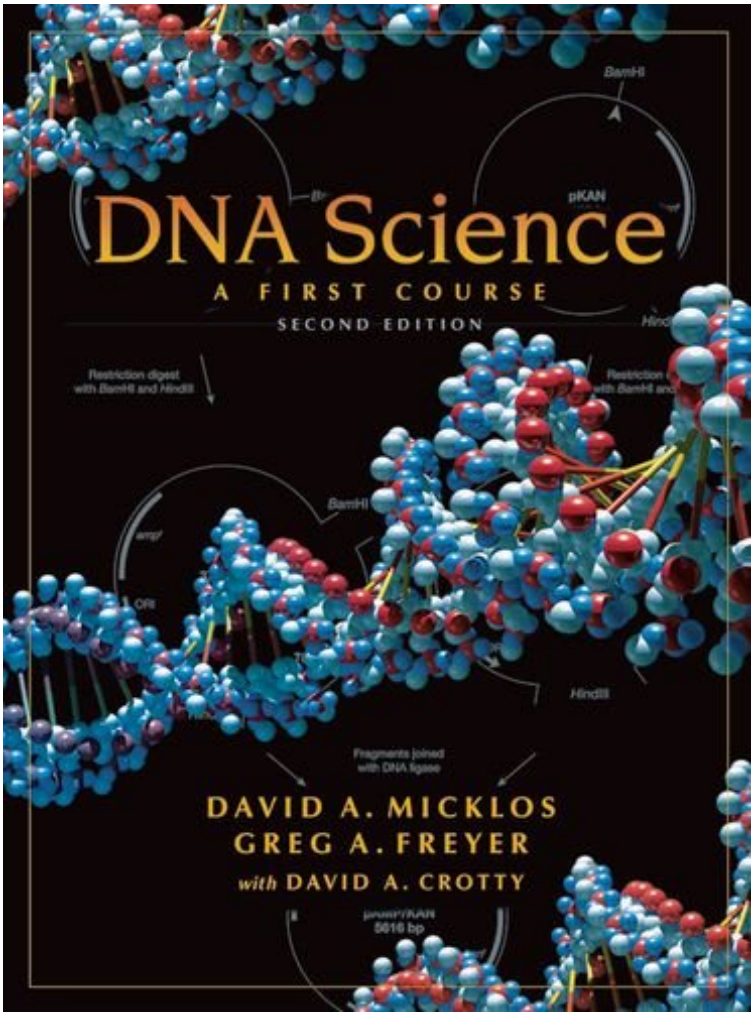
DNA Science: A First Course, Second Edition

David Micklos, Greg Freyer
*DOC | *audiobook | ebooks | Download PDF | ePub*



#698437 in Books Cold Spring Harbor 2003-01-13Original language:EnglishPDF # 1 8.60 x 1.10 x 11.00l, 3.60 #File Name: 1936113171592 pages | File size: 41.Mb

David Micklos, Greg Freyer : DNA Science: A First Course, Second Edition before purchasing it in order to gage whether or not it would be worth my time, and all praised DNA Science: A First Course, Second Edition:

3 of 3 people found the following review helpful. Perfect for high-schools and junior-collegesBy tingliucsThis is the perfect textbook for a first course in recombinant DNA technology. It covers both theories and laboratory procedures very well.Students must have finshed high-school biology and chemistry before studying DNA Science. Students can also take DNA Science along with AP/IB biology.After completing this textbook, university students will find textbooks such as "Molecular Biology of the Gene" and "Molecular Cloning-A Laboratory Manual" very easy.1 of 1 people found the following review helpful. Excellent, wish it didn't smellBy R. LynchThe book as delivered is in very good shape, it appears as tho it is brand new. Unfortunately it sports a pungent, air-freshener or perfume-y smell, not the usual paper-and-ink smell one is used to with books. I don't know where it picked up its odor, perhaps in the

vendor's storage area? In any case I don't like it, and whereas the book alone merits 5-stars for the vendor, I have subtracted one star as a way of saying "Phew!"1 of 1 people found the following review helpful. Book for Basic Molecular BiologyBy BioMedBook has included basic molecular biology chapters and so far so good. Will update the final review once I go through all the chapters.

This is the second edition of a highly successful textbook (over 50,000 copies sold) in which a highly illustrated, narrative text is combined with easytouse thoroughly reliable laboratory protocols. It contains a fully uptodate collection of 12 rigorously tested and reliable lab experiments in molecular biology, developed at the internationally renowned Dolan DNA Learning Center of Cold Spring Harbor Laboratory, which culminate in the construction and cloning of a recombinant DNA molecule. Proven through more than 10 years of teaching at research and nonresearch colleges and universities, junior colleges, community colleges, and advanced biology programs in high school, this book has been successfully integrated into introductory biology, general biology, genetics, microbiology, cell biology, molecular genetics, and molecular biology courses. The first eight chapters have been completely revised, extensively rewritten, and updated. The new coverage extends to the completion of the draft sequence of the human genome and the enormous impact these and other sequence data are having on medicine, research, and our view of human evolution. All sections on the concepts and techniques of molecular biology have been updated to reflect the current state of laboratory research.The laboratory experiments cover basic techniques of gene isolation and analysis, honed by over 10 years of classroom use to be thoroughly reliable, even in the hands of teachers and students with no prior experience. Extensive prelab notes at the beginning of each experiment explain how to schedule and prepare, while flow charts and icons make the protocols easy to follow. As in the first edition of this book, the laboratory course is completely supported by qualityassured products from the Carolina Biological Supply Company, from bulk reagents, to useable reagent systems, to singleuse kits, thus satisfying a broad range of teaching applications.

Named after a term invented by the legendary James Watson and written like a storybook, DNA Science: A First Course is one stop shopping for an excellent molecular biology guide and lab manual for beginners. It is concocted uniquely as one part text that introduces the reader to the scientific concepts and one part well designed and tested laboratories in a friendly format --Science Books and Flims