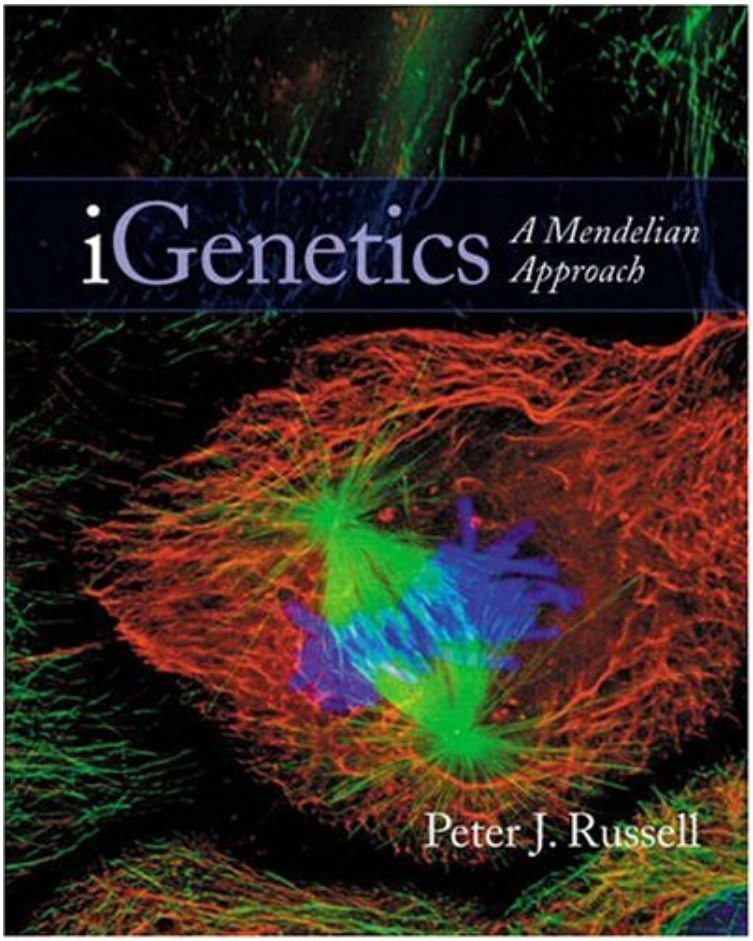
iGenetics: A Mendelian Approach (Book CD)

Peter J. Russell
*audiobook | *ebooks | Download PDF | ePub | DOC*



#253701 in Books Benjamin Cummings 2005-04-14Ingredients: Example IngredientsPDF of discs: 0Original language:EnglishPDF # 1 10.83 x 1.32 x 8.96l, 4.27 #File Name: 080534666X850 pages | File size: 58.Mb

Peter J. Russell : iGenetics: A Mendelian Approach (Book CD) before purchasing it in order to gage whether or not it would be worth my time, and all praised iGenetics: A Mendelian Approach (Book CD):

0 of 0 people found the following review helpful. Good text, but no online or media support for the older edition.By Erin E.I bought the book new from the publisher, however this is the first edition printed in 2006. There IS a newer 3rd edition out there, however my professor specifically required the 1st edition. The CD didn't work, and when I used the code in the book to register it, I found out this older edition is no longer supported by Pearson. On the bright side, Pearson's 24-hour support was a great help when I ran into problems! For a text, this is fine. It's easy to understand with good graphics. However, if you want to be able to access all the study aids and media, you're out of luck.1 of 1 people found the following review helpful. One of the Better Textbooks I Have UsedBy Cheshil DixitiGenetics, despite it's silly name, is in fact a great textbook, especially for someone just beginning to study genetics. I found the book to be well written, and the figures make it easy for any type of learner, as the figures offer a mix of words and

diagrams that make everything very clear (especially nice when things begin to get complicated). It is one of the few textbooks I have found enjoyable and easy to read. If you're using it for a class, I recommend Study Guide and Solutions Manual for iGenetics: A Mendelian Approach as a means of helping you understand the material and the various Genetics problems (assuming you do not use it to solve the problems, but do them yourself first).The only negative is that I felt the book was not as sturdy as others I have used. The cover, by the end of my semester using it, was frayed at the corners. This was disappointing, but the damage was not too great.2 of 2 people found the following review helpful. Genetics RocksBy SamanthaI am satisfied with the book that came. Genetics is such as an amazing class and now this book will help with taking over the world with genetic manipulation.

iGenetics: A Mendelian Approach reflects the dynamic nature of modern genetics by emphasizing an experimental, inquiry-based approach with a solid treatment of many research experiments. 1. Genetics: An Introduction, Mendelian Genetics, Chromosomal Basis of Inheritance, Extensions of Mendelian Genetic Principles, Quantitative Genetics, Gene Mapping in Eukaryotes, Advanced Gene Mapping in Eukaryotes, Variations in Chromosome Structure and Number, Genetics of Bacteria and Bacteriophages, DNA: The Genetic Material, DNA Replication, Gene Control of Proteins, Gene Expression: Transcription, Gene Expression: Translation, DNA Mutation, DNA Repair, and Transposable Elements, Recombinant DNA Technology, Applications of Recombinant DNA Technology, Genomics, Regulation of Gene Expression in Bacteria and Bacteriophages, Regulation of Gene Expression in Eukaryotes, Genetic Analysis of Development, Genetics of Cancer, Non-Mendelian Inheritance, Population Genetics, Molecular Evolution For all readers interested in learning the central concepts of genetics.

About the Author Peter J. Russell received his B.S. in Biology from University of Sussex in 1968 and his Ph.D. in Genetics from Cornell University in 1972. He then joined the Biology faculty of Reed College in 1972 where he is currently Professor of Biology. Russell teaches an upper-division genetics and molecular biology lecture/laboratory course, the genetics section of the introductory biology course, an advanced seminar course in yeast virology, and advises senior thesis research students. He is also the author of a number of successful genetics textbooks. He is currently studying the molecular genetics of the replication of double-stranded (ds) RNA viruses found in budding yeast, Saccharomyces cerevisiae. The research goals are to define in vivo the cis-acting sequences that are required for viral RNA packaging into capsids and for genome replication, and to identify and characterize any yeast gene products required for virus propagation. His earlier research involved Neurospora RNA synthesis and the organization of and regulation of the number of ribosomal RNA genes, and nitrogen metabolism in the pathogenic dimorphic yeast Candida albicans.