Genetic Analysis: An Integrated Approach (2nd Edition)

Mark F. Sanders, John L. Bowman
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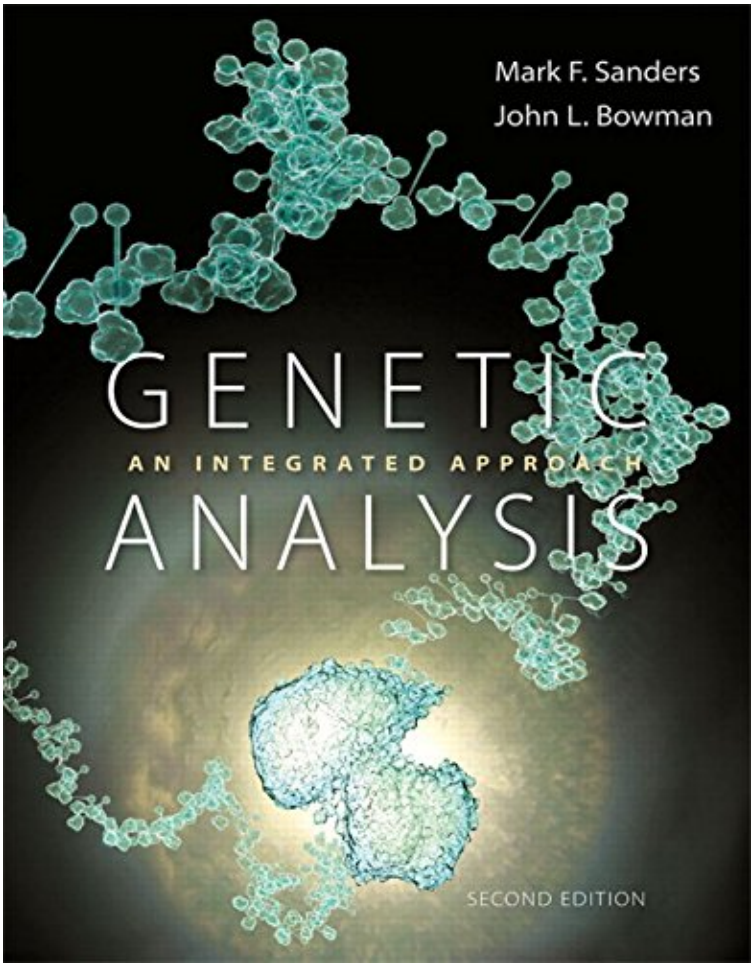

#86757 in Books Sanders Mark F 2014-11-01Original language:EnglishPDF # 1 10.70 x 1.40 x 8.50l, 4.15 #File Name: 0321948904880 pagesGenetic Analysis An Integrated Approach 2nd Edition | File size: 22.Mb

Mark F. Sanders, John L. Bowman : Genetic Analysis: An Integrated Approach (2nd Edition) before purchasing it in order to gage whether or not it would be worth my time, and all praised Genetic Analysis: An Integrated Approach (2nd Edition):

6 of 6 people found the following review helpful. a little better than the 1st edition in terms of organizationBy Johna little better than the 1st edition in terms of organization. Did not come with online access (not advertised to come with it, but for anyone who may have been wondering)5 of 5 people found the following review helpful. Better than the reviewsBy Jessica AWhen I saw the other reviews for this book, I was a little worried since everyone was saying it was full of mistakes and was overall terrible. There are a few mistakes but they seem to be more in the figures than in the text itself. I know someone mentioned an equation being incorrect, and I wouldn't know about that since my course doesn't focus on the math very much. It can be very dry in certain sections, especially those that it considers review like transcription and translation. Even the new material, like proteins you don't learn in cell biology, it just lists off and makes it very dull to read. I am not disappointed in the book but it could be better - but really what textbook is

perfect?1 of 1 people found the following review helpful. Full of errors WAY too wordyBy A TurtleThis book is horrible! I'm in a genetics class right now, and we've had two homework assignments so far -- a lot of it is from the back of the textbook chapter problems. Already have found 4+ mistakes. The answer key at the back of the textbook is basically useless because it only gives answers to a couple of the even numbered problems and even then those answers are more often than not completely wrong! There are a bunch of typos and answers that clearly were not double checked. (ex. the answer key would forget that you have to multiply by 3 for 3-child birth order problems, etc.)There are typos throughout the chapter 2 -- there's one paragraph on chi square analysis where it says "the degree of freedom is because, while there are two possible outcomes..." Is because?!?!? The author forgot to even type in the value. Very poor editing!It's way too wordy and completely useless. There HAS to be a better genetics textbook out there, ugh.

ALERT: Before you purchase, check with your instructor or review your course syllabus to ensure that you select the correct ISBN. Several versions of Pearson's MyLab Mastering products exist for each title, including customized versions for individual schools, and registrations are not transferable. In addition, you may need a CourseID, provided by your instructor, to register for and use Pearson's MyLab Mastering products.Packages Access codes for Pearson's MyLab Mastering products may not be included when purchasing or renting from companies other than Pearson; check with the seller before completing your purchase. Used or rental books If you rent or purchase a used book with an access code, the access code may have been redeemed previously and you may have to purchase a new access code. Access codes Access codes that are purchased from sellers other than Pearson carry a higher risk of being either the wrong ISBN or a previously redeemed code. Check with the seller prior to purchase. Informed by many years of genetics teaching and research expertise, authors Mark Sanders and John Bowman use an integrated approach that helps contextualize three core challenges of learning genetics: solving problems, understanding evolution, and understanding the connection between traditional genetics models and more modern approaches.Genetic Analysis: An Integrated Approach , 2/e is extensively updated with relevant, cutting-edge coverage of modern genetics and is supported by MasteringGenetics, the most widely-used homework and assessment program in genetics. Featuring expanded assignment options, MasteringGenetics complements the books problem-solving approach, engages students, and improves results by helping them master concepts and problem-solving skills.

About the AuthorMark F. Sanders has been a faculty member in the Department of Molecular and Cellular Biology at the University of California, Davis for 27 years. In that time, he has taught more than 120 genetics courses to more than 30,000 undergraduate students. Specializing in teaching the genetics course for which this book is written, Dr. Sanders also teaches a genetics laboratory course, an advanced human genetics course for biology majors, and a human heredity course for non-science majors. His teaching experience also includes introductory biology, and courses in population genetics and evolution. Dr. Sanders received his Bachelors degree in Anthropology from San Francisco State University and his Masters and Ph.D. degrees in Biological Anthropology from the University of California, Los Angeles. Following graduation, he spent four years at the University of California, Berkeley as a post-doctoral researcher studying inherited susceptibility to human breast and ovarian cancer. At UC Berkeley he also taught his first genetics courses. Since coming to the University of California, Davis, Dr. Sanders has maintained a full-time teaching schedule and promotes academic achievement by undergraduate students in numerous ways, including as an active student advisor, through his on-going role as the director of a long-standing undergraduate student program, and by past service as the Associate Dean for Undergraduate Academic Programs in the College of Biological Sciences. John L. Bowman is a Professor in the School of Biological Sciences at Monash University in Melbourne, Australia and an Adjunct Professor in the Department of Plant Biology at the University of California, Davis in the US. He received a B.S. in Biochemistry at the University of Illinois at Urbana-Champaign, Illinois in 1986 and a Ph.D. in Biology from the California Institute of Technology in Pasadena, California. His Ph.D. research focused on how the identities floral organs are specified in Arabidopsis (described in Chapter 20). He conducted postdoctoral research at Monash University on the regulation of floral development. From 1996-2006 his laboratory at UC Davis focused on the developmental genetics of plant development, focusing on how leaves are patterned. From 2006-2011 he was a Federation Fellow at Monash University where his laboratory is studying land plant evolution using a developmental genetics approach. At UC Davis he taught genetics, 'from Mendel to cancer', to undergraduate students, and continues to teach genetics courses at Monash University.