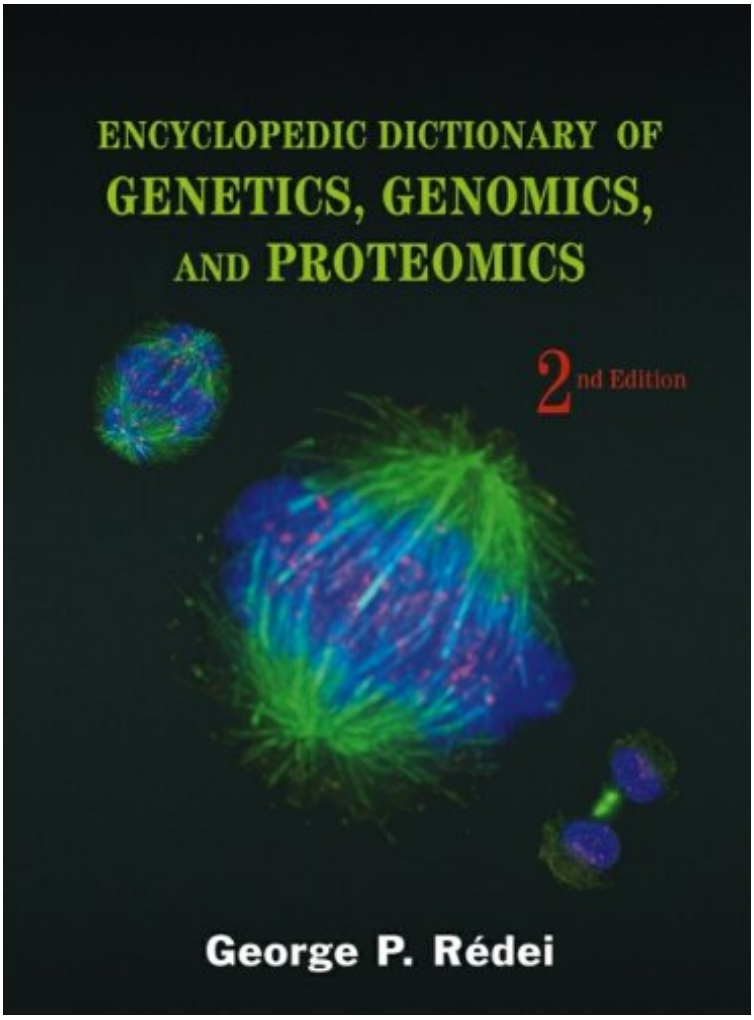
Encyclopedic Dictionary of Genetics, Genomics, and Proteomics

G. P. Redei



#4391838 in Books 2003-09-09Ingredients: Example IngredientsOriginal language:EnglishPDF # 1 11.22 x 2.67 x 8.86l, 7.39 #File Name: 04712682161396 pages | File size: 27.Mb

G. P. Redei : Encyclopedic Dictionary of Genetics, Genomics, and Proteomics before purchasing it in order to gage whether or not it would be worth my time, and all praised Encyclopedic Dictionary of Genetics, Genomics, and Proteomics:

2 of 2 people found the following review helpful. Practical and illuminatingBy Kathleen RossThe alphabetical listing of entries and the double-column format generates an interesting clustering of related concepts. It also happens to juxtapose seemingly unrelated concepts with common root meaning. The encyclopedic explanations are pithy and their range is global. Highlights for me are 1) the references to journal articles and texts included with many of the entries, 2) useful cross-referencing within the book, 3) the appendix of reference books, and 4) best of all, the historical vignettes. Author, please, write a book of 25,000 historical vignettes to illuminate science in light of our humanity.2 of 2 people found the following review helpful. Excellent ResourceBy A CustomerThis book is a

comprehensive tool that will be useful to a variety of users. The layout of the book is easy to use and the definitions are easy to understand. It is an excellent resource for information.

"very useful as a quick desk reference for students, professionals, and nonprofessionals." -Quarterly Review of Biology "a trove of valuable clinical information" -New England Journal of Medicine This extensively expanded and thoroughly revised new edition provides a uniquely user-friendly and clearly written tool for navigating the latest terminology, concepts, theories, applications, and technology in these dynamic disciplines. This second edition includes a vast range of terms and concepts dealing with biochemistry, cell and developmental biology, immunology, hereditary diseases, and molecular evolution, through to the state-of-the-art in genomics and proteomics. The nearly 25,000 alphabetically arranged entries are explained in a concise yet detailed manner, including ample cross-references, literature citations, databases, tables, and illustrations.

"This high quality reference book would be an excellent additionwhile there are other genetics dictionaries available, this is the most comprehensive one for students and professionals." (Medical Reference Services Quarterly, Spring 2006) "a uniquely user-friendly and clearly written tool for navigating the latest terminology, ideas, theories, illustrations, and applications" (Journal of Statistical Computation Simulation, January 2005) I recommend it as a useful addition to personal, public, industrial, or academic libraries. (Chemical Educator, Vol.10, No.1, 2005) "will be delighted to have this wonderfully compiled book in their bookshelf. I recommend this book very highly to everyone." (Journal of Statistical Computation Simulation, September 2004) "This is a wonderful book that belongs in the collection of any library that serves the needs of biomedical students, teachers, and researchers. (Clinical Chemistry, September 2004) a reliable, accessible, well thought out and extremely useful reference bookan essential addition to any research librarys collection. (Reference s, Vol18, No.6, September 2004) "a useful book to have on the shelf." (ASM News, May 2004) "...Once you start reading this book it is difficult to put down. It is a valuable source...of information..." (Proteomics, April 2004) "Rapid advances in genetics and the ever expanding lexicon of essential jargon, render this dictionary of value to its intended audience." (Genetic Engineering News, Vol. 24, No. 6, March 15, 2004) "...will be valuable in libraries reference collections and can also be used as a source for further reading in biology courses...recommended." (Choice, Vol. 41, No. 5,January 2004) "a true information warehouse" (Mutation Research Forum) "an outstanding compendium of genetics" (Choice) "be far the best I have used" (HortScience) "invaluable to anyone" (Acta Paediatr) "useful to both the specialist and nonspecialist" (Annals of Internal Medicine) "useful as a quick desk reference for students, professionals and nonprofessionals" (Quarterly of Biology) "...useful as a reference...containing almost 50% more information than the first edition, this text includes about 18,000 concepts, arranged alphabetically, and more than 650...illustrations...should be useful for students of genetics, as well as nonspecialists...as a starting topic for further investigation..." (Genomics Proteomics, November/December 2003)From the AuthorThis second edition contains 50 percent more information than the first edition, which gained wide acclaim from both readers and journal reviewers. It presents the classical foundations while also covering the latest developments in genetics and other relevant areas such as molecular and cell biology, genomics and proteomics. The book contains over 1,500 illustrations as well as many cross-references, which facilitate the networking of the ideas into a most comprehensive and up-to-date text. Useful as a supplement for courses in biology, it is also well suited to aid in the preparation of manuscripts, research proposals, and course syllabi. Statistical concepts are made simple, legal and ethical implications of biology are discussed, and while the approach is scientific and advanced, the style is simple enough to be understood by a beginner. This compendium brings modern genetics/biology to your fingertips right at your workbench or your desk. With close to 8,000 references, it is the most valuable addition to any personal or public library. An essential tool for scientists, clinicians, nurses, lawyers, teachers, students and the interested public, one professor of genetics commented on the first edition: "the overall effort has been very successful. I know that I, for one, will keep this book in easy reach."From the Back CoverPraise for the previous edition "VERY USEFUL AS A QUICK DESK REFERENCE FOR STUDENTS, PROFESSIONALS, AND NONPROFESSIONALS." Quarterly of Biology "INVALUABLE." Acta Pdiatrica "A VALUABLE REFERENCE TOOL." Annals of Internal Medicine Rapid advances in the field of genetics present every student and researcher with the daunting challenge of staying current. This extensively expanded and thoroughly revised new edition of the highly acclaimed original text provides a uniquely user-friendly and clearly written tool for navigating the latest terminology, concepts, theories, applications, and technology in these dynamic disciplines. Encyclopedic Dictionary of Genetics, Genomics, and Proteomics, Second Edition includes a vast range of terms and concepts dealing with biochemistry, cell and developmental biology, immunology, hereditary diseases, and molecular evolution, as well as the state of the art in genomics and proteomics. The nearly 25,000 alphabetically arranged entries are explained in a concise yet detailed manner, including ample cross-references, literature citations, databases, tables, and illustrations. The Encyclopedic Dictionary also: Provides numerous clear diagrams, photographs, and tables Offers basic descriptions, detailed explanations, and references Covers the range of disciplines associated with modern genetics, genomics, and proteomics Features worked examples and explanations in plain, intelligible language Appeals to students, researchers,

teachers, physicians, and nonspecialists