



Genetic Analysis of Complex Disease (Paperback)

By Jonathan L. Haines, Margaret A. Pericak-Vance

John Wiley Sons Inc, United States, 2006. Paperback. Condition: New. 2nd Edition. Language: English . Brand New Book. Second Edition features the latest tools for uncovering the genetic basis of human disease The Second Edition of this landmark publication brings together a team of leading experts in the field to thoroughly update the publication. Readers will discover the tremendous advances made in human genetics in the seven years that have elapsed since the First Edition. Once again, the editors have assembled a comprehensive introduction to the strategies, designs, and methods of analysis for the discovery of genes in common and genetically complex traits. The growing social, legal, and ethical issues surrounding the field are thoroughly examined as well. Rather than focusing on technical details or particular methodologies, the editors take a broader approach that emphasizes concepts and experimental design. Readers familiar with the First Edition will find new and cutting-edge material incorporated into the text: Updated presentations of bioinformatics, multiple comparisons, sample size requirements, parametric linkage analysis, casecontrol and family-based approaches, and genomic screeningNew methods for analysis of genegene and gene-environment interactionsA completely rewritten and updated chapter on determining genetic components of diseaseNew chapters covering molecular genomic approaches such as...



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