Bioinformatics for Geneticists describes a step by step approach to key bioinformatics and genetic analysis procedures, based upon practical experience gained after many years of direct bioinformatics support for laboratory geneticists. It features detailed case studies of problems and analytical approaches that are specific to the needs of the genetics researcher. The book contains reviews of bioinformatics tools and genetic databases. Each chapter is written to capture the principles of analysis regardless of the tool used, thereby ensuring that the book stays relevant as new data and tools become available. As the first book specifically addressing the informatics requirements of geneticists, *Bioinformatics for Geneticists* is essential reading for all those engaged in genetic research and should prove indispensable for both the planning and analysis of such studies.

- The book provides in-depth coverage of the underlying principles of both genetic and bioinformatic analysis, which should make this book suitable for all students of genetics or bioinformatics.
- The book takes a web-based approach to bioinformatics, suitable for both internet novices and more experienced web users.
- The focus is on public software tools and databases freely available to all.
- The editors and authors bring a broad range of experience from academic and industrial genetics research environments.
- The book is accessible to individuals outside the immediate field of molecular genetics, e.g. statisticians, epidemiologists and physicians who wish to improve their knowledge of bioinformatics and genetics.
- This is currently the only book specifically aimed at the bioinformatics needs and priorities of genetics researchers.