

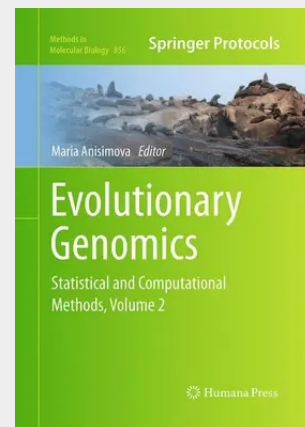
Evolutionary Genomics

Statistical and Computational Methods, Volume 2

Together with early theoretical work in population genetics, the debate on sources of genetic makeup initiated by proponents of the neutral theory made a solid contribution to the spectacular growth in statistical methodologies for molecular evolution. *Evolutionary Genomics: Statistical and Computational Methods* is intended to bring together the more recent developments in the statistical methodology and the challenges that followed as a result of rapidly improving sequencing technologies. Presented by top scientists from a variety of disciplines, the collection includes a wide spectrum of articles encompassing theoretical works and hands-on tutorials, as well as many reviews with key biological insight. *Volume 2* begins with phylogenomics and continues with in-depth coverage of natural selection, recombination, and genomic innovation. The remaining chapters treat topics of more recent interest, including population genomics, -omics studies, and computational issues related to the handling of large-scale genomic data. Written in the highly successful *Methods in Molecular Biology*™ series format, this work provides the kind of advice on methodology and implementation that is crucial for getting ahead in genomic data analyses.

Comprehensive and cutting-edge, *Evolutionary Genomics: Statistical and Computational Methods* is a treasure chest of state-of-the-art methods to study genomic and omics data, certain to inspire both young and experienced readers to join the interdisciplinary field of evolutionary genomics.

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