

[DOWNLOAD](#)

Statistical Methods in Molecular Evolution

By -

Springer. Hardcover. Book Condition: New. Hardcover. 508 pages. Dimensions: 9.3in. x 6.0in. x 1.1in. In the field of molecular evolution, inferences about past evolutionary events are made using molecular data from currently living species. With the availability of genomic data from multiple related species, molecular evolution has become one of the most active and fastest growing fields of study in genomics and bioinformatics. Most studies in molecular evolution rely heavily on statistical procedures based on stochastic process modelling and advanced computational methods including high-dimensional numerical optimization and Markov Chain Monte Carlo. This book provides an overview of the statistical theory and methods used in studies of molecular evolution. It includes an introductory section suitable for readers that are new to the field, a section discussing practical methods for data analysis, and more specialized sections discussing specific models and addressing statistical issues relating to estimation and model choice. The chapters are written by the leaders of field and they will take the reader from basic introductory material to the state-of-the-art statistical methods. This book is suitable for statisticians seeking to learn more about applications in molecular evolution and molecular evolutionary biologists with an interest in learning more about the theory behind the...



READ ONLINE
[6.63 MB]

Reviews

It in one of the most popular ebook. It usually fails to price an excessive amount of. Its been printed in an extremely basic way in fact it is merely right after i finished reading through this book in which really altered me, change the way i believe.

-- **Sigrid Brown**

Absolutely one of the best pdf We have ever read. I really could comprehended every little thing using this written e book. I am easily could get a satisfaction of reading a written publication.

-- **Dr. Odie Hamill**