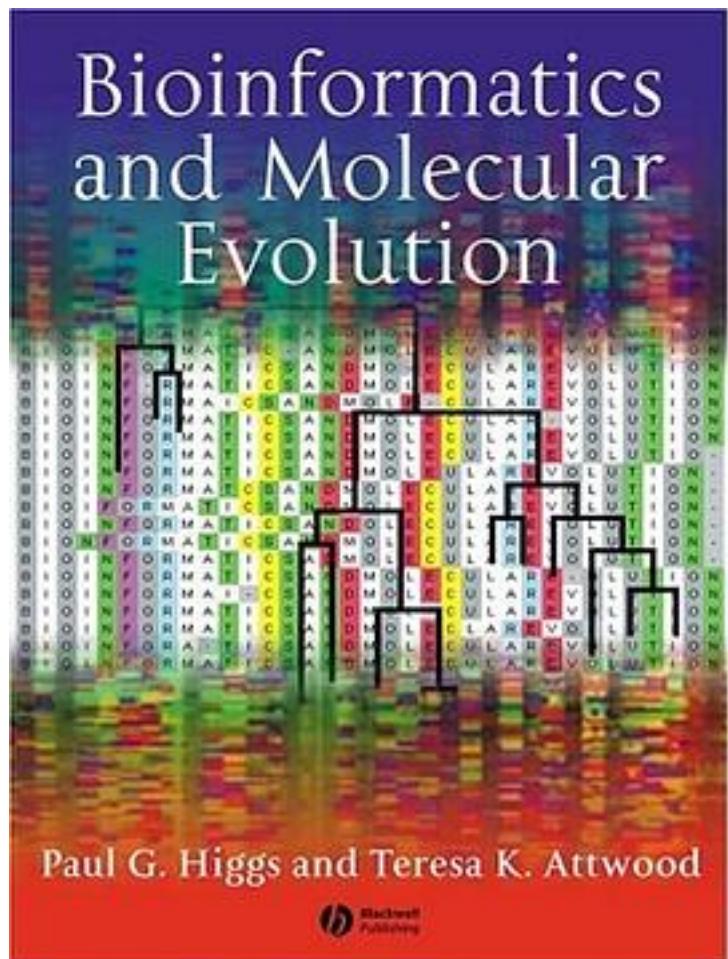


Bioinformatics and Molecular Evolution



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In the current era of complete genome sequencing, Bioinformatics and Molecular Evolution provides an up-to-date and comprehensive introduction to bioinformatics in the context of evolutionary biology. This accessible text:- provides a thorough

examination of sequence analysis, biological databases, pattern recognition, and applications to genomics, microarrays, and proteomics- emphasizes the theoretical and statistical methods used in bioinformatics programs in a way that is accessible to biological science students- places bioinformatics in the context of evolutionary biology, including population genetics, molecular evolution, molecular phylogenetics, and their applications- features end-of-chapter problems and self-tests to help students synthesize the materials and apply their understanding- is accompanied by a dedicated website - www.blackwellpublishing.com/higgs - containing downloadable sequences, links to web resources, answers to self-test questions, and all artwork in downloadable format (artwork also available to instructors on CD-ROM). This important textbook will equip readers with a thorough understanding of the quantitative methods used in the analysis of molecular evolution, and will be essential reading for advanced undergraduates, graduates, and researchers in molecular biology, genetics, genomics, computational biology, and bioinformatics courses.

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评论

2007.11 | LIB | 太多不理解的地方，跳着看；关于氨基酸分类的一章很喜欢

生信和进化都讲一些，RNA结构啥的和自己方向差太远，随便翻翻，前面几章读进来还是很enjoy的。

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书评

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