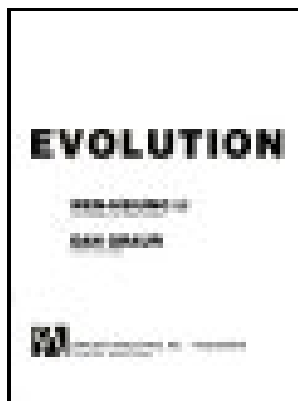


Fundamentals of molecular evolution

Sinauer Associates - Fundamentals of Molecular Evolution



Description: -

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Notes: Includes bibliographical references and index.

This edition was published in 1991



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Fundamentals of Molecular Evolution, 2nd Edition

It also provides useful information for population geneticists and systematists by clearly explaining the mechanics of molecular biology and, similarly, by demonstrating the application of data in a conceptual and analytical evolutionary framework for molecular biologists.

Fundamentals of molecular evolution : Li, Wen

This is confusing, and ultimately not helpful to the book-buying public. For example, the authors cite paleobotanical evidence regarding the origin of the angiosperms to support elements of the molecular clock theory in part.

Fundamentals of Molecular Evolution

In these chapters, Graur and Li introduce theoretical and methodological elements involving genomic diversity and evolution as well as many of the problems being encountered in molecular evolution. Most chapters contain good citations of the primary literature, and the end of each chapter includes a valuable list of papers and books suggested for further reading. In most cases, key concepts are introduced with brevity and clarity and the operating terms are defined.

Fundamentals of Molecular Evolution (2nd edn)

Many of the subjects are discussed within a scientific framework and are often provided with supporting evidence, alternate theories, and clear mathematical or biological examples.

(PDF ebook) 9780878932665

Particularly impressive is the emphasis on the potential factors associated with rates of mutational change *e*. The third chapter is a commendable review of the tools and concepts necessary to use the comparative approach in the field of molecular evolution. Any book that treats such a diverse and large body of knowledge, particularly in a rapidly expanding and changing field, cannot escape the occasional error.

Fundamentals of Molecular Evolution (2nd edn)

It is an ideal text for both undergraduate and graduate students. The first of these is particularly useful.

Fundamentals of Molecular Evolution by Dan Graur

For example, scientists from other fields who have an interest in the progress of molecular evolutionary studies would find this text very approachable and a valuable desktop reference.

Fundamentals of Molecular Evolution (2nd edn)

In a concise manner, Graur and Li provide a synopsis on the basic and dynamic elements underlying the theories and practices necessary to understand and derive this knowledge. Many of the subjects are discussed within a scientific framework and are often provided with supporting evidence, alternate theories, and clear mathematical or biological examples.

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