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Computational Biology: A Practical Introduction to BioData ...

INTRODUCTION Progress in systems biology is driving the development of a great variety of applied computational tools [1]. Integrative efforts using systems biology approaches can lead to new applications of computational biology for the resolution of biological problems.

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impact on the computational sciences. Biology has rapidly become a large source of new algorithmic and statistical problems, and has arguably been the target for more algorithms than any of the other fundamental sciences. This link between computer science and biology has important educational

bioinformatics

Introduction Computational biology, which includes many aspects of bioinformatics, is the science of using biological data to develop algorithms or models in order to understand biological systems and relationships. Until recently, biologists did not have access to very large amounts of data.

Computational biology - Wikipedia

Computational biology : a practical introduction to biodata processing and analysis with Linux, MySQL, and R. [Röbbbe Wünschiers] -- This greatly expanded 2nd edition provides a practical introduction to data processing with Linux tools and the programming languages AWK and Perl data management with the relational database system ...

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