

Preface

In the modern world Molecular Biology has experienced an information revolution owing to rapid growth of computer-based technologies. The subject, Bioinformatics deals with the information technology as applied to management and analysis of biological data. Sequencing and the techniques and methods associated with it form an important part of it.

Bioinformatics as a subject came into being in the twentieth century only, but, the advancements being made are rapid. This book is written with a view to provide information on sequence analysis, among other things. Sequence analysis as a tool holds great importance in the modern day Molecular Biology. Its importance increased with the birth of genome project. Effort has been made to undertake the information about the search tools and various databases that are most widely used today. The subject matter does not so much focus on a particular method of analysis but explores various databases using different tools.

I am indebted to my colleagues, Satyanarayan Reddy and S. Kumaragurubaran, for their valuable inputs during conceptual stages. Lastly, I would like to thank my wife, Laxmi, for her help in various ways.

Though every care has been taken by the printer, publisher and me, it is quite likely that some errors might have found their way into the book but I hope these are of very insignificant nature. However, suggestions to improve the book and pointing out of errors and mistakes, if any, will gratefully be appreciated.

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