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Biology and Genome Informatics

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What is Metagenomics? What is FUNCTIONAL GENOMICS? What does FUNCTIONAL GENOMICS mean? FUNCTIONAL GENOMICS meaning

01. What is sequence alignment?

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This book is organized into three parts. In part I (Chapters 1-7), we introduce the Page 9/14

field of bioinformatics. Topics include access to sequence (and other) data, pairwise sequence alignment, BLAST and other methods of searching databases, multiple sequence alignment, and phylogeny. In part II (Chapters 8-14), we discuss functional genomics, moving from DNA (including next-generation sequencing) to RNA (including RNAseq) to protein.

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