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CLINICAL AND GENE EXPRESSION INFORMATION THROUGH EVOLVING CONNECTIONIST APPROACH; CHAPTER 11 DATABASES ON GENE REGULATION; CHAPTER 12 ON THE SEARCH OF BETTER VALIDATION AND STATISTICAL METHODS IN MICROARRAY DATA ANALYSIS; CHAPTER 13 INFORMATION EXTRACTION FROM DYNAMIC BIOLOGICAL WEB SOURCES; CHAPTER 14 COMPUTER AIDED DESIGN OF SIGNALING NETWORKS; CHAPTER 15 ANALYSIS OF DNA SEQUENCES: HUNTING FOR GENES
CHAPTER 16 BIOLOGICAL DATABASES AND WEB SERVICES: METRICS FOR QUALITY

| Sommario/riassunto | Information processing and information flow occur in the course of anorganism's development and throughout its lifespan. Organisms do notexist in isolation, but interact with each other constantly within acomplex ecosystem. The relationships between organisms, such as thosebetween prey or predator, host and parasite, and between matingpartners, are complex and multidimensional. |