Record Nr. UNINA9910457012603321 Bioinformatics [[electronic resource]]: a swiss perspective / / editors, **Titolo** Ron D. Appel, Ernest Feytmans Singapore, : World Scientific, c2009 Pubbl/distr/stampa **ISBN** 1-282-44279-1 9786612442797 981-283-878-3 Descrizione fisica 1 online resource (464 p.) Altri autori (Persone) AppelRon D **FeytmansErnest** Disciplina 570.285 Soggetti **Bioinformatics** Biology - Data processing Electronic books. Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Description based upon print version of record. Note generali Includes bibliographical references and index. Nota di bibliografia Nota di contenuto Foreword; Preface; Contents; List of Contributors; SECTION I GENES AND GENOMES; SECTION II PROTEINS AND PROTEOMES; SECTION III PHYLOGENETICS AND EVOLUTIONARY BIOINFORMATICS; SECTION IV MODELING OF BIOLOGICAL SYSTEMS; Index Biological research and recent technological advances have resulted in Sommario/riassunto an enormous increase in research data that require large storage capacities, powerful computing resources, and accurate data analysis algorithms. Bioinformatics is the field that provides these resources to life science researchers. The Swiss Institute of Bioinformatics (SIB), which has celebrated its 10th anniversary in 2008, is an institution of national importance, recognized worldwide for its state-of-the-art

work. Organized as a federation of bioinformatics research groups

from Swiss universities and research institute