

| | |
|-------------------------|--|
| 1. Record Nr. | UNINA9910483148403321 |
| Titolo | Comparative Genomics : RECOMB 2004 International Workshop, RCG 2004, Bertinoro, Italy, October 16-19, 2004, Revised Selected Papers / / edited by Jens Lagergren |
| Pubbl/distr/stampa | Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2005 |
| Edizione | [1st ed. 2005.] |
| Descrizione fisica | 1 online resource (VIII, 134 p.) |
| Collana | Lecture Notes in Bioinformatics, , 2366-6331 ; ; 3388 |
| Altri autori (Persone) | LagergrenJens |
| Disciplina | 572.8/6 |
| Soggetti | Biochemistry Algorithms Computer science - Mathematics Discrete mathematics Artificial intelligence - Data processing Database management Bioinformatics Discrete Mathematics in Computer Science Data Science Database Management |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Note generali | Bibliographic Level Mode of Issuance: Monograph |
| Nota di bibliografia | Includes bibliographical references and index. |
| Nota di contenuto | Conservation of Combinatorial Structures in Evolution Scenarios -- Toward a Phylogenetically Aware Algorithm for Fast DNA Similarity Search -- Multiple Genome Alignment by Clustering Pairwise Matches -- On the Structure of Reconciliations -- The Statistical Significance of Max-Gap Clusters -- Identifying Evolutionarily Conserved Segments Among Multiple Divergent and Rearranged Genomes -- Genome Rearrangement in Mitochondria and Its Computational Biology -- The Distribution of Inversion Lengths in Bacteria -- Estimators of Translocations and Inversions in Comparative Maps -- Databases for Comparative Analysis of Human-Mouse Orthologous Alternative Splicing. |

Sommario/riassunto

The RECOMB Satellite Workshop on Comparative Genomics (RECOMB-CG) is a forum on all aspects and components of Comparative Genomics ranging from new quantitative discoveries about genome structures and processes to theorems on the complexity of computational problems inspired by genome comparison. Due to the interdisciplinary nature of the workshop, papers could be submitted merely for presentation at the workshop or for presentation at the workshop and publication in the proceedings. Speakers presenting papers of the former category are listed under Selected Presentations below. The workshop was a great success scientifically as well as socially. I want to thank all participants, the members of the program committee as well as referees and, especially, the excellent invited speakers. October 2004 Jens Lagergren Invited Speakers Mathieu Blanchette (McGill University, Canada) Daniela Delneri (University of Manchester, UK) Henrik Kaessmann (Universit  de Lausanne, Switzerland) Martin Lercher (University of Bath, UK) Bill Martin (Heinrich-Heine Universit  at, Germany) Ben Raphael (UCSD, USA) Marie-France Sagot (Universit  Lyon I, France) Graziano Pesole (University of Milan, Italy) Selected Presentations Ali Bashir (UCSD, USA) Inna Dubchak (Lawrence Livermore National Laboratory, USA) Dannie Durand (Carnegie Mellon University, USA) Ron Y.
