

# 《Comparative Genomics》

## 图书基本信息

书名：《Comparative Genomics比较基因组学/会议录》

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## 内容概要

This book constitutes the thoroughly refereed post-proceedings of the RECOMB 2004 Satellite Workshop on Comparative Genomics, RCG 2004, held in Bertinoro, Italy in October 2004. The 10 revised full papers presented were carefully reviewed and improved for inclusion in the book. The papers address a broad variety of aspects 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.

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## 书籍目录

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  
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