

1. Record Nr.	UNINA9910792949203321
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Titolo	Algorithms for next-generation sequencing / / Wing-Kin Sung
Pubbl/distr/stampa	Boca Raton, FL : , : CRC Press, Taylor & Francis Group, , [2017] ©2017
ISBN	1-4987-5298-5 1-315-37435-8 1-4665-6551-9
Descrizione fisica	1 online resource (347 pages) : illustrations
Collana	Chapman & Hall/CRC Mathematical and Computational Biology Series
Disciplina	570.285
Soggetti	Bioinformatics Nucleotide sequence Genetic algorithms
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"A Chapman & Hall book."
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	1. Introduction -- 2. NGS file formats -- 3. Related algorithms and data structures -- 4. NGS read mapping -- 5. Genome assembly -- 6. Single nucleotide variation (SNV) calling -- 7. Structural variation calling -- 8. RNA-seq -- 9. Peak calling methods -- 10. Data compression techniques used in NGS files.