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Autore	Sung Wing-Kin
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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.