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Autore	Fea, Carlo <1753-1836>
Titolo	Prodromo di nuove osservazioni e scoperte fatte nelle antichità di Roma da varj anni addietro, letto nell'Accademia archeologica il dì 1. agosto 1816. Dell'avv. d. Carlo Fea ..
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Autore	Singh Vijai
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Nota di contenuto	<p>Chapter 1. Introduction to genomics and their applications -- Chapter 2. Methods for generating genomics data -- Chapter 3. Computational tools for genomics data analysis -- Chapter 4. Gene and genome annotation -- Chapter 5. Transcriptomics and their significance -- Chapter 6. DNA barcoding and its applications -- Chapter 7. Next-generation genome sequencing and its use -- Chapter 8. Genome-wise analysis for drug targeting -- Chapter 9. Functional genomics -- Chapter 10. Metagenomics -- Chapter 11. Synthetic genomics.- Chapter 12. Microarray in genomics -- Chapter 13. Nutrigenomics -- Chapter 14. Role of synthetic biology in genomics -- Chapter 15. Role of genome editing in genomics -- Chapter 16. Mitochondrial genomics and their clinical use -- Chapter 17. Chloroplast genomics and their uses in crop improvement -- Chapter 18. Microfluidics in genomics -- Chapter 19. Cell-free systems for genomics -- Chapter 20. Artificial intelligence in genomics.</p>
Sommario/riassunto	<p>This book provides a comprehensive overview of genomics and its diverse applications. Chapters cover genomics data generation methods, computational tools, gene annotation, transcriptomics, DNA barcoding, next-generation sequencing, functional genomics, metagenomics, synthetic genomics, microarray analysis, nutrigenomics, genome editing, and more. This book offers a valuable source of information for not only beginners in genomics, but also for students, researchers, scientists, clinicians, practitioners, policymakers, and stakeholders who are interested in harnessing the potential of genomics in many areas.</p>