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Collana	Genetics, Genomics and Breeding of Crop Plants
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Nota di contenuto	Front Cover; Preface to the Series; Preface; Contents; List of Contributors; Abbreviations; List of Reviewers; Chapter 1: Genetics, Genomics and Breeding of Peanut: An Introduction; Chapter 2: Genetic Resources, Diversity and Association Mapping in Peanut; Chapter 3: Classical and Molecular Cytogenetics in Arachis; Chapter 4: Peanut Breeding; Chapter 5: Molecular Markers, Genetic Maps and QTLs for Molecular Breeding in Peanut; Chapter 6: An Overview of Peanut Genome Structure; Chapter 7: Peanut Transcriptomics; Chapter 8: Advances in Proteomics Research for Peanut Genetics and Breeding Chapter 9:Transgenic Interventions in Peanut Crop Improvement: Progress and ProspectsChapter 10: Applications of BioinformaticsTools to Genetic Mapping and Diversity in Peanut; About the Editors; Color Plate Section; Back Cover
Sommario/riassunto	Peanut, an amphidiploid, is an important food and oil crop and has an interesting evolutionary history. This book provides a glimpse of the advances in genetic resources and genomics research of peanut made during the last decade. It contains an overview of germplasm, advances in genetic and genomic resources, genetic and trait mapping, proteomic and transcriptomic analyses, functional and comparative

genomics studies, and molecular breeding applications. This book should prove useful to students, teachers, and young researchers as a ready reference to the latest information on peanut genet
