

1. Record Nr.	UNINA9910446348603321
Titolo	Plant genotyping II : SNP technology // edited by Robert J. Henry
Pubbl/distr/stampa	Wallingford, UK ; ; Cambridge, Mass., : CABI, c2008
ISBN	1-281-24442-2 9786611244422 1-84593-383-4
Descrizione fisica	1 online resource (295 p.)
Altri autori (Persone)	HenryRobert J
Disciplina	581.3/5
Soggetti	Plant genome mapping Genetic polymorphisms
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Contents; Contributors; Preface; 1 SNP Discovery in Plants; 2 SNPs and Their Use in Maize; 3 Rare SNP Discovery with Endonucleases; 4 Sequence Polymorphisms in the Flanking Regions of Microsatellite Markers; 5 SNP Discovery by Ecotilling Using Capillary Electrophoresis; 6 Genotyping by Allele-specific PCR; 7 The MassARRAY System for Plant Genomics; 8 Mutation Screening; 9 Nanotechnology: The Future of Cost-effective Plant Genotyping; 10 Functionally Associated Molecular Genetic Markers for Temperate Pasture Plant Improvement; 11 Genotyping for Rice Eating Qualities 12 Towards Universal Loci for Plant Genotyping 13 DNA Banks as a Resource for SNP Genotyping; 14 DNA Extraction from Plant Tissue; 15 Future Prospects for Plant Genotyping; Index
Sommario/riassunto	Describes some of the developments in the field of Plant Genotyping, focusing on single nucleotide polymorphism (SNPs). This book covers the discovery, analysis and uses of SNPs, and examines other approaches to plant genotyping.