

1. Record Nr.	UNINA9910913783503321
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Titolo	The Cardamom Genome // edited by K. K. Sabu, Chittaranjan Kole
Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2024
ISBN	9783031718298 3031718291
Edizione	[1st ed. 2024.]
Descrizione fisica	1 online resource (156 pages)
Collana	Compendium of Plant Genomes, , 2199-479X
Altri autori (Persone)	KoleChittaranjan
Disciplina	580
Soggetti	Botany Genetics Biotechnology Agriculture Plant Science Genetics and Genomics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Cardamom A leading spice crop for food flavor and health -- Genetic resources of cardamom A global perspective -- Genetics and breeding of cardamom -- In vitro culture of cardamom for genetic and genomic studies -- Molecular characterization and phylogenetic relationship of cardamom from Colombia and Costa Rica -- Whole genome sequence and SSR markers of small cardamom Elettaria cardamomum -- Genetics and genomics of biotic stress and host pathogen interactions.
Sommario/riassunto	This book is the first comprehensive compilation of elucidation of the genome of cardamom (Elettaria cardamomum Maton) and its genetic improvement. It includes reviews on the genetic resources, genetics and breeding and in vitro culture in cardamom and molecular characterization of phylogenetic relationship of cardamom of Columbia and Costa Rica. This book presents deliberations on the whole genome sequencing and SSR markers of small cardamom. It also enumerates on the genetics and genomics of biotic stress and host-pathogen interaction, genomics of flavors, and transcriptomics resources and their implications and finally functional regulation of mRNAs in cardamom. Altogether, the book contains about 150 pages over 10

chapters authored by globally reputed experts on the relevant field in this crop. The book is useful to the students, teachers, and scientists in the academia and relevant private companies interested in classical genetics and breeding, molecular genetics, structural genomics, functional genomics, plant pathology and plant physiology of cardamom.
