

1. Record Nr.	UNINA9910688416103321
Titolo	Malnutrition // edited by Muhammad Imran, Ali Imran
Pubbl/distr/stampa	London : , : IntechOpen, , 2020
Descrizione fisica	1 online resource (97 pages)
Disciplina	362.19639
Soggetti	Malnutrition
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
2. Record Nr.	UNINA9911020273503321
Autore	Hua-Van Aurélie
Titolo	Transposable Elements and Genome Evolution
Pubbl/distr/stampa	Newark : , : John Wiley & Sons, Incorporated, , 2024 ©2024
ISBN	9781394312467 1394312466 9781394312450 1394312458 9781394312443 139431244X
Edizione	[1st ed.]
Descrizione fisica	1 online resource (305 pages)
Collana	ISTE Consignment Series
Altri autori (Persone)	CapyPierre
Soggetti	Transposons Genomes
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
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Sommario/riassunto

This book, 'Transposable Elements and Genome Evolution,' coordinated by Aurélie Hua-Van and Pierre Capy, explores the role of transposable elements (TEs) in the evolution of genomes across various organisms. It examines both eukaryotic and prokaryotic TEs, detailing their structures, mechanisms, and evolutionary impacts. The book also discusses the implications of TE movements in human diseases, including cancers and metabolic disorders, and their effects on gene expression and chromosomal rearrangements. Aimed at researchers and students in genetics, genomics, and evolutionary biology, it provides a comprehensive overview of the diversity and significance of TEs in genomic evolution.
