

1. Record Nr.	UNINA9910808029303321
Titolo	Mammalian genomics // edited by A. Ruvinsky and J.A. Marshall Graves
Pubbl/distr/stampa	Wallingford, Oxfordshire, UK ; ; Cambridge, MA, USA, : CABI Pub., c2005
ISBN	1-281-00434-0 9786611004347 0-85199-075-4
Edizione	[1st ed.]
Descrizione fisica	1 online resource (612 p.)
Collana	Cabi Publishing
Altri autori (Persone)	RuvinskyAnatoly GravesJennifer A. Marshall
Disciplina	572.8/619
Soggetti	Mammals - Genetics Genomics
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	Organization of the mammalian genome -- Expression of the mammalian genome -- Evolution of the mammalian genome -- Genome analysis and bioinformatics -- The fruits of mammalian genomics.
Sommario/riassunto	Genomics has experienced a dramatic development during the last 15-20 years. Data from mammalian genomes such as the human, mouse and rat have already been published, while others such as the dog, cattle and chimpanzee will soon follow. This book summarizes the current knowledge of mammalian genomics and offers a comparative analysis of genomes known today. This analysis includes farm, companion and lab animals. Topics covered include structural and functional aspects of the mammalian genome, mechanisms of genomic changes at the molecular level, evolution of DNA sequences, comparative chromoso