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| Altri autori (Persone)  | CraigNancy L<br>CraigNancy Lynn <1952->                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Disciplina              | 572.8/69                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Soggetti                | Mobile genetic elements<br>Interspersed Repetitive Sequences<br>DNA Transposable Elements<br>DNA, Recombinant - physiology<br>Eukaryotic Cells<br>Prokaryotic Cells<br>DNA<br>Cells<br>Nucleic Acids<br>Anatomy<br>Repetitive Sequences, Nucleic Acid<br>Genome Components<br>Nucleic Acids, Nucleotides, and Nucleosides<br>Genome<br>Base Sequence<br>Molecular Structure<br>Genetic Structures<br>Genetic Phenomena<br>Biochemical Phenomena<br>Chemical Phenomena<br>DNA, Recombinant<br>Biology<br>Health & Biological Sciences<br>Genetics |
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| Nota di bibliografia  | Includes bibliographical references and index.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Nota di contenuto     | <p>Introduction to Mobile DNAs: What They Are, Their Cellular Roles, How They Move, and How To Exploit Them -- Mobile DNA: an Introduction / Nancy L. Craig -- Chemical Mechanisms for Mobilizing DNA / Kiyoshi Mizuuchi, Tania A. Baker -- Putting Mobile DNA to Work: the Toolbox / Jef D. Boeke -- Chromosome Manipulation by Cre-lox Recombination / Brian Sauer -- Transposable Elements as Sources of Genomic Variation / Margaret G. Kidwell, Damon R. Lisch -- Conservative Site-Specific Recombination: Rearrangements That Involve Covalent Protein-DNA Intermediates -- A Structural View of Tyrosine Recombinase Site-Specific Recombination / Gregory D. Van Duyne -- [<math>\lambda</math>] Integrase and the [<math>\lambda</math>] Int Family / Marco A. Azaro, Arthur Landy -- Xer Site-Specific Recombination: Promoting Chromosome Segregation / Francois-Xavier Barre, David J. Sherratt -- Gene Acquisition in Bacteria by Integron-Mediated Site-Specific Recombination / Gavin D. Recchia, David J. Sherratt -- Conjugative Transposons and Related Mobile Elements / Gordon Churchward -- Site-Specific Recombination by the Flp Protein of <i>Saccharomyces cerevisiae</i> / Makkuni Jayaram, Ian Grainge, Gena Tribble -- Theme and Variation in Tyrosine Recombinases: Structure of a Flp-DNA Complex / Phoebe A. Rice -- Bacterial Site-Specific DNA Inversion Systems / Reid C. Johnson -- The Movement of Tn3-Like Elements: Transposition and Cointegrate Resolution / Nigel D.F. Grindley -- Recombination via Direct Transesterifications: Transposition Reactions That Involve Only DNA Intermediates.</p> |