

free biology 11th pdf

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- Understanding Free Biology 11th PDF Resources
- Key Topics Covered in Biology 11th Grade PDFs
- Benefits of Using Free Biology 11th PDF Materials
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Key principles of heredity, Mendelian genetics, and the structure and function of DNA and RNA are

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Anandharamakrishnan, Jeyan Arthur Moses, Pramila Murugesan, Maria Leena, 2024-11-20
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Der gnadenlose Überlebenskampf der freien Wildbahn stellte schon so manche Spezies vor verzwickte Probleme. Doch die Evolution kennt immer eine Lösung, und sei sie auch noch so verrückt. So werden Ameisen zu Zombies, Beutelmäuse zu Testosteronmonstern und Wespen zu Sklavenhaltern. Mit bissigem Humor stellt Matt Simon die skurrilsten Überlebensstrategien des Tierreichs vor. Und unweigerlich fragt man sich: Liebe Evolution, was hast du dir da nur gedacht?

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Khan, 2023-07-03 CRISPR genome-editing technology presents opportunities to engineer disease resistance traits in plants and improve crop quality. Engineering Disease Resistance in Plants using CRISPR-Cas introduces readers to the basics of CRISPR-Cas and discusses its potential uses in various fields. The book focuses on methods of developing disease-resistant crops using CRISPR-Cas-mediated plant disease resistance modification. Comprehensively written, the author details all types and variants of the CRISPR toolkit. The book opens with information on the evolution of the CRISPR technology and follows a chronology of its development. Although the book concentrates on the use of CRISPR-Cas for disease resistance in plants, it also covers the technology's broader potential examining the history and development of other genome-editing tools. Key Features: Investigates the regulatory, ethical, and societal considerations while designing experiments. Discusses topics on disease development, control, and plant defense mechanisms.

Examines genome-editing tools including Zinc Finger Nucleases (ZFNs) and Transcription Activator-Like Effector Nucleases (TALENs). Examines production technology to reduce bacterial, fungal, and viral diseases. Provides information for users to discover ways to overcome the challenges associated with food security. This book is a valuable resource for researchers, scientists, and undergraduate and graduate students who wish to gain a comprehensive understanding of genome-editing methods.

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