

Section 3: Molecular Clocks

# Study Guide B

## KEY CONCEPT

Molecular clocks provide clues to evolutionary history.

## VOCABULARY

molecular clock	mitochondrial DNA	ribosomal RNA
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**MAIN IDEA:** Molecular clocks use mutations to estimate evolutionary time.

1. What are molecular clocks?

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2. Explain how species become more and more different at the molecular level, after they have diverged from a common ancestor.

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3. Using Figure 3.1 as a reference, draw your own set of DNA sequences that illustrate molecular evolution.

4. How can scientists estimate mutation rates for use in developing a molecular clock?

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# Molecular Clocks Study Guide Answer Key

**Sabine Zange**



**Molecular Clocks Study Guide Answer Key:**

## **Molecular Clocks Study Guide Answer Key** Book Review: Unveiling the Magic of Language

In an electronic era where connections and knowledge reign supreme, the enchanting power of language has become more apparent than ever. Its capability to stir emotions, provoke thought, and instigate transformation is actually remarkable. This extraordinary book, aptly titled "**Molecular Clocks Study Guide Answer Key**," written by a highly acclaimed author, immerses readers in a captivating exploration of the significance of language and its profound affect our existence. Throughout this critique, we shall delve in to the book is central themes, evaluate its unique writing style, and assess its overall influence on its readership.

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