

Section 12-4 Mutations (pages 307-308)

Key Concept

- What are mutations?

Introduction (page 307)

1. What are mutations? _____

2. Is the following sentence true or false? Chromosomal mutations result from changes in a single gene. _____

Kinds of Mutations (pages 307-308)

3. Mutations that occur at a single point in the DNA sequence are _____ mutations.
4. A mutation involving the insertion or deletion of a nucleotide is a(an) _____ mutation.
5. Complete the table of types of chromosomal mutations.

CHROMOSOMAL MUTATIONS

| Type | Description | Examples |
|---------------|---|------------------|
| | | ABC•DEF → AC•DEF |
| Duplication | | |
| | Part of a chromosome becomes oriented in the reverse of its usual direction | |
| Translocation | | |

Section 12 4 Mutations Answer Key

Camilla Rothe



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