

# Download Mutations Worksheet Answer Key Pdf

Delahunty/Biology Honors Mutations Worksheet Name KEY . There are several types of mutation: DELETION (a base is lost) INSERTION (an extra base is inserted)

Unformatted text preview: Mutations Worksheet , Name: ANSWER KEY Date: iOv8-08\_\_Block:\_2 “Lima There are three main types of mutations: point missense mutations, point nonsense mutations, and frameshift mutations.

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Mutations Worksheet Name KEY There are several types of mutation: DELETION (a base is lost) INSERTION (an extra base is inserted) Deletion and insertion may cause what’s called a FRAMESHIFT, meaning the reading “frame”

A silent mutation. Because even though the base sequence might have changed by a single base, because even though the base sequence might have changed by a single base, the amino acid sequence and therefore the protein, did not change.

Gene and Chromosome Mutation Worksheet (reference pgs. 239-240 in Modern Biology textbook) 2 1. There are several types of gene mutations.

Worksheet: Mutations Practice There are three ways that DNA can be altered when a mutation (change in DNA sequence) occurs. 1. Substitution – one base-pair is replaced by another:

If a substitution changes the amino acid, it’s called a MISSENSE point mutation. If a substitution does not change the amino acid, it’s called a SILENT point mutation. If a substitution changes the amino acid to a “stop,” it’s called a NONSENSE point mutation.

Worksheet: Mutations Practice There are three ways that DNA can be altered when a mutation (change in DNA sequence) occurs. 1. Substitution – one base-pair is replaced by another: Example: G to C or A to G C G T C 2. Insertion – one or more base pairs is added to a sequence: Example ...

Point mutation – silent mutation. If there was no effect on the protein coded by the gene, then the amino acid sequence must have been the same as the original sequence.

**Other Files :**