Mutations

Compare single gene mutations to chromosome structure mutations

Give a description of the term “mutation”.

Describe the frequency of mutations.

Explain the difference between point and frameshift mutations

State the importance of gene duplication in evolution.

Three types of point mutation. For each give a description, draw a diagram and make notes on the impact on protein structure.

Four types of chromosome structure mutation. For each give a description and /or draw a diagram.

What is a splice site mutation and what impact does this have on protein formation?

Explain what missense and nonsense substitutions are

Missense:

Nonsense:

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