

The Genetic Code

Fill in the blank:

A codon is a sequence of ____ ribonucleotides.

The code that translates from the DNA into a protein in the ____.

In bacteria, initiation is started by a molecule called _____

Describe the triplet code.

What does it mean when the code is unambiguous and degenerate?

What are the other 3 descriptors of the genetic code?

What is the wobble hypothesis?

Describe initiation.

What are the termination codes? How do they work?

What are nonsense mutations? What example was provided in class?

Mitochondrial DNA is unique in many ways. Describe how unique it is in regard to the triplet code.

What are overlapping genes?

What is an ORF?