

Warm Up

CUUCAACCGGCC

Above is a portion of a mRNA strand.

- 1) Using the codon wheel, identify the amino acids produced.
- 2) What type of mutation occurs when one nitrogen base replaces another nitrogen base?
- 3) Replace the first **C** with a **G**, identify the amino acids produced.
- 4) What type of mutation occurs when an extra nitrogen base is added?
- 5) Add a third **u** so that the code reads **CUUUCAACCGGCC**. Identify the amino acids.
- 6) Which mutation caused the most change?

