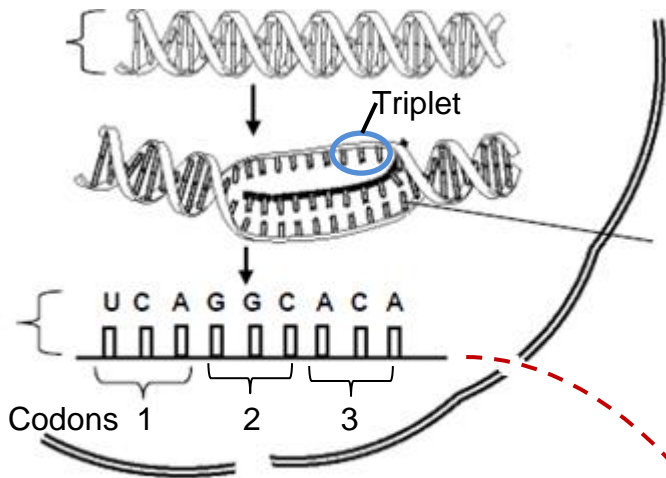


# Protein synthesis: \_\_\_\_\_



Give 3 reasons why this diagram represents transcription

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Transcription:

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What is given: DNA, mRNA or tRNA?  
Triplet / Codon or Anti Codon?

Base triplet of DNA	Amino acid coded for
AGT	Serine
CCG	Glycine
TGT	Threonine
GTA	Histidine
CAA	Valine
TCC	Arginine
ACA	Cysteine

Identify the amino acid at:

- Codon 1:
- Codon 2:
- Codon 3:

Describe the role of DNA in Protein synthesis:

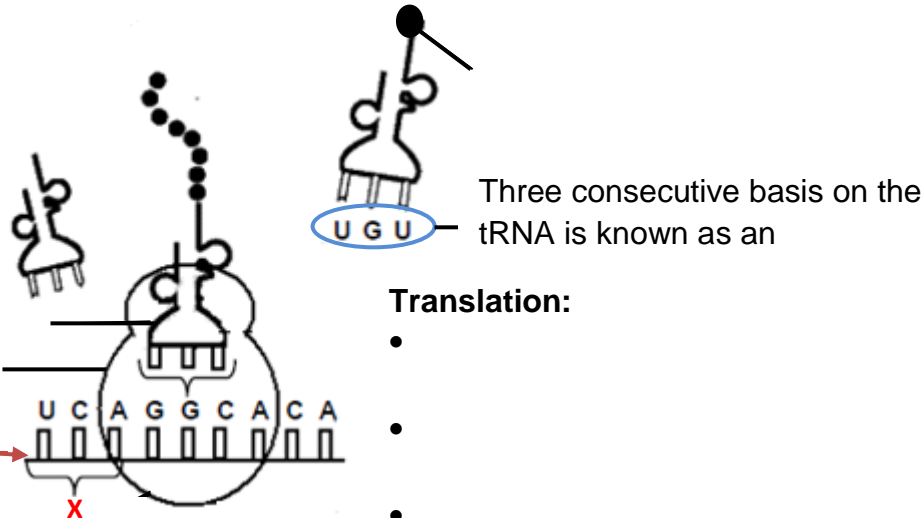
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Explain how a mutation on the DNA affects Protein Synthesis

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Name the amino acid that would form at X, if a mutation caused Adenine to replace Uracil. Explain your Answer:

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Translation:

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Functions of tRNA

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