7.013: Introductory Biology - Spring 2005

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7.013 Spring 2005 Terms to know 1 of 3

MOLECULAR BIOLOGY

III: Translation and molecular genotype 2.28.05

Protein
Translation
Genetic code
Triplet code
Codon
Redundant but not ambiguous
Coding region of mRNA
Non-coding region of mRNA

Translation initiation site
tRNA
Anticodon
Charged tRNA
Ribosome
rRNA
Small subunit of ribosome
Large subunit of ribosome
5'cap
polyA-tail

AU(3
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Stop codon

Translation release (termination) factor

Nonsense mutation

Missense mutation

Frameshift mutation

Silent mutation