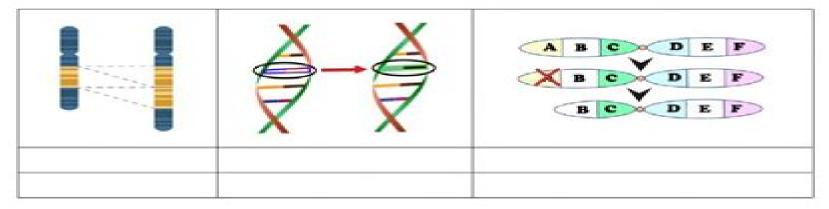
Name:	Class/Secti	on: 10	Date:		
Unit: Unit 4 - Genetics	Chapter: 13-RNA & Protein Synthesis	Lesson: 13.3 Mutatio	ns Textbook p.: 372-376		
RWBS		Online Task			

Original DNA sequence:	TAC	ACC	TTG	GCG	ACG	ACT
mRNA transcript:	AUG	UGG	AAC	CGC	UGC	UGA
amino acids:	methionine	Threonine	Asparagine	Arginine	Cysteine	Stop
Original DNA sequence:	TAC	ACC	TTG	GGA	CGA	СТ
order order						
mRNA transcript:	AUG	UGG	AAC	ccu	GAU	

- What type of mutation is seen above? \_\_\_\_\_\_
- 2. How did the mutation affect the amino acid sequence? \_\_\_\_\_
- 3. Use the image below to answer the following
  - a. Identify the type of mutations.
  - State whether the mutation is a gene mutation or a chromosomal mutation.



# **Mutations And Genetic Conditions Worksheet Key**

Holt Rinehart & Winston, Holt, Rinehart and Winston Staff

## **Mutations And Genetic Conditions Worksheet Key:**

Jacaranda Nature of Biology 2 VCE Units 3 and 4, LearnON and Print Judith Kinnear, Marjory Martin, Lucy Cassar, Elise Meehan, Ritu Tyagi, 2021-10-29 Jacaranda Nature of Biology Victoria s most trusted VCE Biology online and print resource The Jacaranda Nature of Biology series has been rewritten for the VCE Biology Study Design 2022 2026 and offers a complete and balanced learning experience that prepares students for success in their assessments by building deep understanding in both Key Knowledge and Key Science Skills Prepare students for all forms of assessment Preparing students for both the SACs and exam with access to 1000s of past VCAA exam questions now in print and learnON new teacher only and practice SACs for every Area of Study and much more Videos by experienced teachers Students can hear another voice and perspective with 100s of new videos where expert VCE Biology teachers unpack concepts VCAA exam questions and sample problems For students of all ability levels All students can understand deeply and succeed in VCE with content mapped to Key Knowledge and Key Science Skills careful scaffolding and contemporary case studies that provide a real word context eLogbook and eWorkBook Free resources to support learning eWorkbook and the increased requirement for practical investigations eLogbook which includes over 80 practical investigations with teacher advice and risk assessments For teachers learnON includes additional teacher resources such as guarantined questions and answers curriculum grids and work programs Human Genetics, Informational and Educational Materials National Clearinghouse for Human Genetic Diseases (U.S.), Educart ICSE Class 10 One-shot Question Bank 2026 Biology (strictly for 2025-26 boards) Sir Tarun Rupani, 2025-07-12 Complete Biology revision in one clear concise and exam oriented book This One shot Biology Question Bank by Sir Tarun Rupani is crafted to help ICSE Class 10 students revise the entire Biology syllabus with speed and accuracy With concept clarity labelled diagrams and exam style practice the book follows the official 2025 26 ICSE syllabus strictly Key Features As per Latest ICSE 2025 26 Curriculum Full coverage of chapters including Cell Cycle Genetics Human Anatomy Photosynthesis and more One shot Format Every chapter starts with quick theory notes key definitions concept maps and labelled diagrams for instant recall All ICSE Question Types Included Objective short long answer diagram based reasoning and case based questions Chapterwise PYQs Included Previous year questions from ICSE board papers added for real exam insight Solved in ICSE Answering Style Structured stepwise solutions with proper scientific terminology diagram labelling and formatting Diagrams Terminology Focus Special emphasis on scoring topics like biological processes labelled structures and scientific terms Why Choose This Book This Biology One shot by Sir Tarun Rupani is your complete toolkit for revision and practice built to strengthen concepts and boost answer presentation A smart reliable resource to prepare confidently and score high in the 2026 ICSE Biology board exam Educart CBSE Class 12 Biology One Shot Question Bank 2026 (Includes PYQs for 2025-26) Educart, 2025-06-07 Quick chapter summaries full practice in one place This One Shot Biology Question Bank helps Class 12 students revise the full syllabus efficiently and

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practical instructions technician s notes planning support and more Universal Teaching Strategies H. Jerome Freiberg, Amy Driscoll, 2005 This textbook for current and prospective teachers describes a variety of basic classroom teaching strategies It is organized into three main sections on planning instructing and assessing Sample topics include maintaining discipline creating dialogue and using multimedia resources Each of 15 chapters is augmented with sample classroom mater Biology Connections Holt Rinehart & Winston, Holt, Rinehart and Winston Staff, 2000-05 American Biology Teacher .2003 Chapter Resource 10 How Proteins/Made Biology Holt Rinehart & Winston, Holt, Maternal-infant Nursing Care Elizabeth J. Dickason, Bonnie Lang Silverman, Martha Rinehart and Winston Staff.2004 Olsen Schult, 1994 Addison-Wesley Science Insights ,1996 Film and Video Finder, 1997, 1997 Biology, 1993 Science Insights ,1999 Cell Biology and Genetics Cecie Starr, Ralph Taggart, 1998 Cell Biology and Genetics covers Chapter 1 Unit I The Cellular Basis of Life and Unit II Principles of Inheritance and contains a customized table of contents and the back matter from Biology The Unity and Diversity of Life The Cell Biology Genetics volume includes characteristics of life scientific methods basic chemistry cell biology metabolism mitosis and meiosis classical genetics human genetics molecular genetics recombinant DNA and genetic engineering

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