

Mutation Types Practice Test

- 1) **Original DNA:** ACCATGCCCCGTTGATTT
 ACCAUG-CCC-CGU-UGA-UUU
 MET-PRO-ARG-STOP
Mutation: ACCATG~~C~~CCCCGTTGATTT
 ACCAUG-CCC-GUU-GAU-UU
 MET-VAL-VAL...DOESN'T STOP

Mutation Type:

Why:

- 2) **Original DNA:** ACCATGCCCCGTTGATTT
 ACCAUG-CCC-CGU-UGA-UUU
 MET-PRO-ARG-STOP
Mutation: ACCATGCCTCGTTGATTT
 ACCAUG-CCU-CGU-UGA-UUU
 MET-PRO-ARG-STOP

Mutation Type:

Why:

- 3) **Original DNA:** ACCATGCCCCGTTGATTT
 ACCAUG-CCC-CGU-UGA-UUU
 MET-PRO-ARG-STOP
Mutation: ACCTTGCCCCGTTGATTT
 ... Never starts

Mutation Type:

Why:

- 4) **Original DNA:** ACCATGCCCCGTTGATTT
 ACCAUG-CCC-CGU-UGA-UUU
Mutation: ACCATGCGCCGTTGATTT
 ACCAUG-CGC-CGU-UGA-UUU
 MET-ARG-ARG-STOP

Mutation Type:

Why: