

Mutation Review Worksheet

Directions: Below are DNA strands with a mutation. Compare the original strand with the mutated strand. Circle whether the mutation is **Insertion**, **Deletion**, or **Substitution**.

1.

Original: **ATG CCT AGA TGA**
Mutated: **ATG CCT ATA TGA**
Mutation Type: _____

2.

Original: **TAC GGA TCC ATA**
Mutated: **TAC GGA TCA ATA**
Mutation Type: _____

3.

Original: **GCT TAA CCG GAT**
Mutated: **GCT TAA ACG GAT**
Mutation Type: _____

4.

Original: **AAC CGT TGA CAT**
Mutated: **AAC CGT TGA CA**
Mutation Type: _____

5.

Original: **TTG ACG GCT TAA**
Mutated: **TTG ACG GACT TAA**
Mutation Type: _____

6.

Original: **CGA TTA CCG GCA**
Mutated: **CGA TTA CCG TGCA**
Mutation Type: _____

7.

Original: **ATC GGT AAC CTT**
Mutated: **ATC GGT ATAC CTT**
Mutation Type: _____

8.

Original: **GGA TAC CCG ATA**
Mutated: **GGA TAC CGA TA**
Mutation Type: _____

9.

Original: **TTA GCG GAT TCC**
Mutated: **TTA GCG GAT CTCC**
Mutation Type: _____

10.

Original: **CCA GTT AAG CGT**
Mutated: **CCA GTT AG CGT**
Mutation Type: _____