GENETICS

Chromosomal Mutations

Based on the tutorials: Chromosome Mutations - part I and part II

Matching type: Match Column A with Column B. Identify the type of chromosomal mutation depicted in each diagram. Write the letter of your answer on the blank.

COLUMN A

1. The chromosome gains copies of genes
2. A portion of the chromosome breaks and then binds to the other chromosome
3. The chromosome contains genes that are reversed resulting in a new sequence
4. The chromosome loses a part and therefore may also lose certain genes

COLUMN B

A. Non-disjunction
B. Deletion
C. Duplication
D. Inversion
E. Translocation