

Which choice below best fits in the blank? Over evolutionary time, ___ of a gene may free one copy of the gene to mutate and perhaps produce a product with a new function. This apparently happened in gene regions coding for the polypeptide chains of hemoglobin.

A deletion

B inversion

C duplication

D translocation

In time, duplicated then modified genes can yield new products with new functions.

Answer **C**.

Starr C'11'20 2002-10-23