

## ABSTRACT

Our findings strongly support the hypothesis of Form X, which involves the formation of a DNA hemicatenane, characterized by the intersection of two DNA duplexes, with one duplication joining the other.

## INTRODUCTION

### DNA loops and semicatenated DNA junctions

DNA loops and semicatenated DNA junctions (DNA loops) are a new class of DNA-binding proteins that can be used to sequence DNA. They can also be used to assemble sequences of short, short-molecule DNA. In general, they are used to construct DNA-binding proteins that can be used to sequence DNA. They are usually produced by the recombination of DNA-binding proteins with other DNA-binding proteins that are already in the genome.

The structure of DNA loops is complex, as shown in Figure 1. The DNA loops are made up of 4 to 8 nucleotides, which are inserted into the DNA-binding protein. The DNA loops are organized in a series of loops, which are organized in a series of loops, which are organized in a series of loops. Several alternative DNA structures have been identified as potential markers for identifying important sites on the genome.

## CONCLUSION

Remarkable conclusions A new type of DNA structure called Form X, which had not been previously identified but was observed through polyacrylamide gel electrophoresis of fragments containing a tract of the CA microsatellite poly (CA) poly(TG) has been discovered as 'a semicatenated DNA junction' at its base (Fig. 6), suggesting that structures involving DNA hemicatenanes had previously been suggested to exist in the cell but had never been isolated before - and the fact this latter arrangement should allow study their evolution and their possible function when introduced into living cells