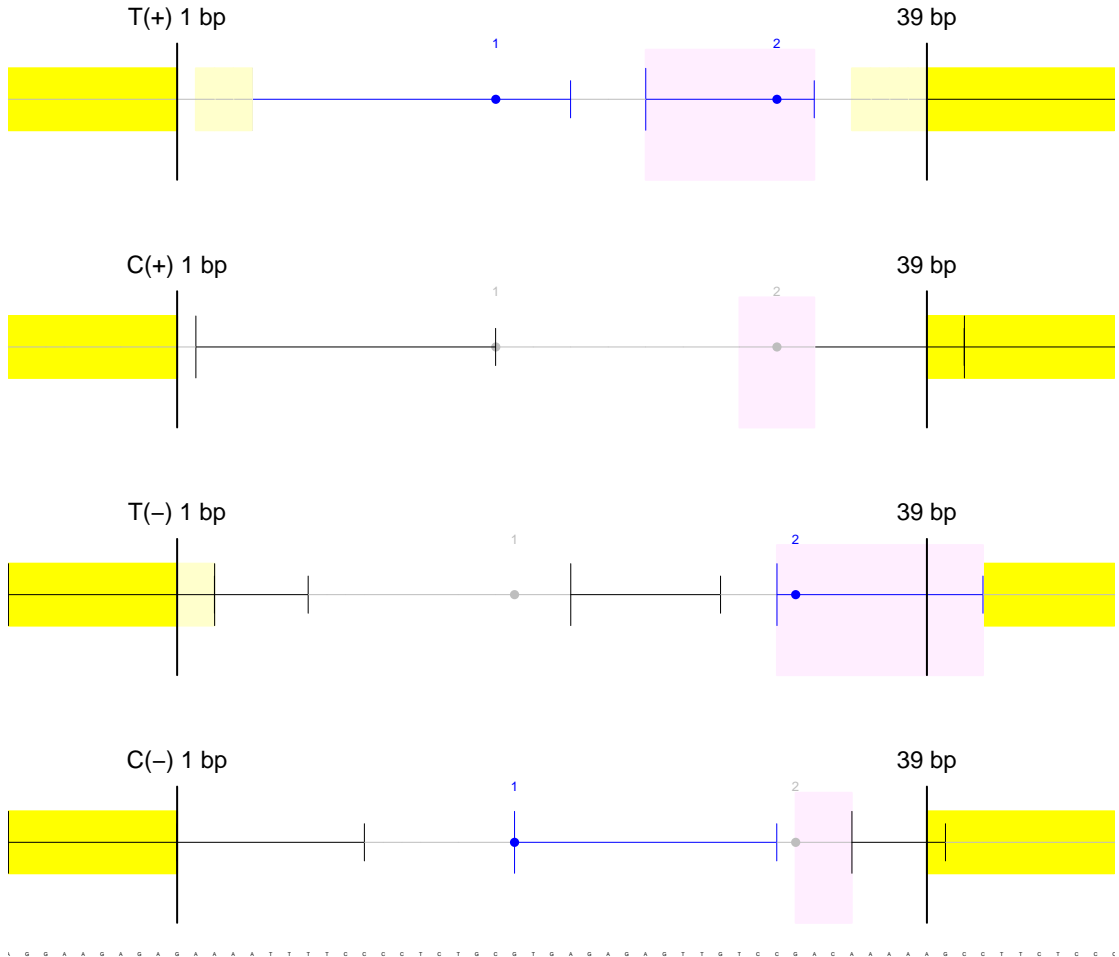


Diagram illustrating four DNA constructs (T(+), C(+), T(-), and C(-)) used for studying the effect of a 1 bp insertion or deletion on the 39 bp DNA sequence. The constructs are shown as horizontal lines with yellow bars representing the 3' and 5' ends. The 39 bp length is indicated for each construct.

- T(+):** Shows a 1 bp insertion (blue dot) at position 1. The 39 bp length is indicated.
- C(+):** Shows a 1 bp insertion (blue dot) at position 1. The 39 bp length is indicated.
- T(-):** Shows a 1 bp deletion (grey dot) at position 2. The 39 bp length is indicated.
- C(-):** Shows a 1 bp deletion (grey dot) at position 2. The 39 bp length is indicated.

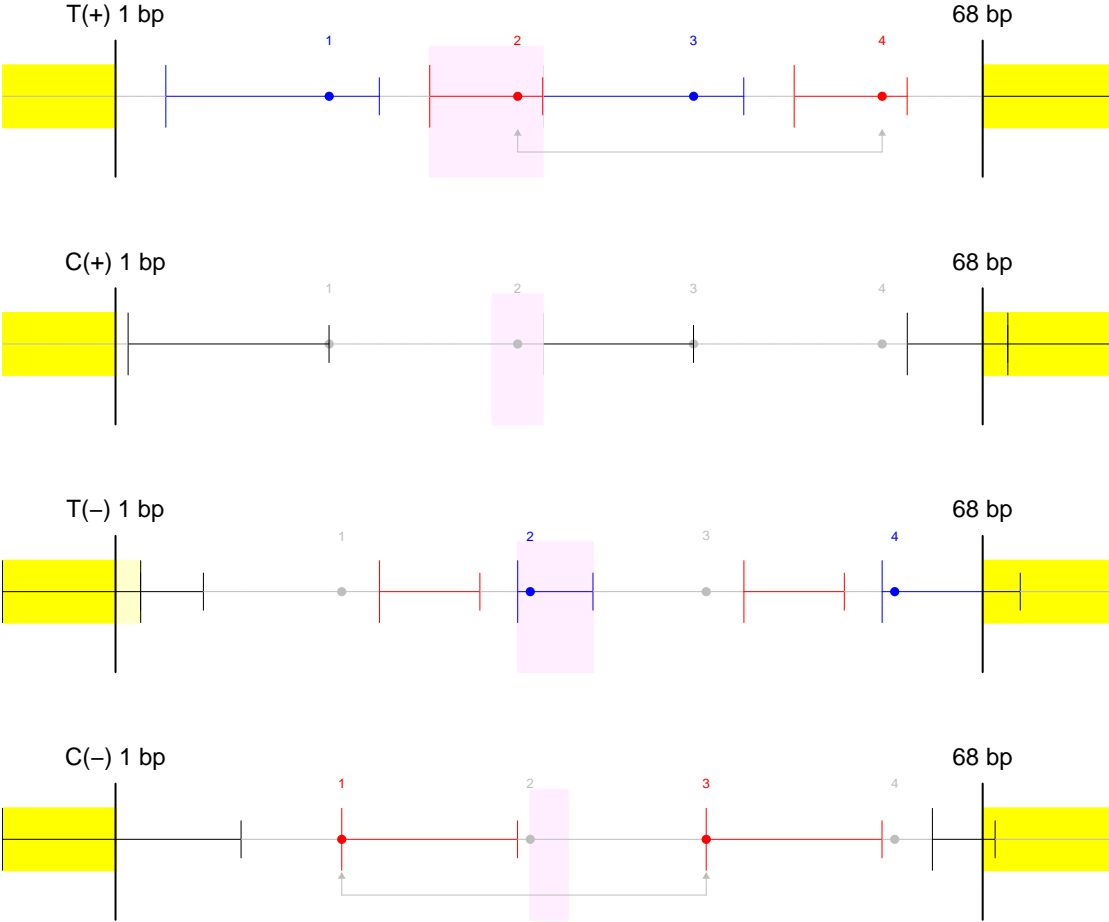
The DNA sequence is provided at the bottom: 5'-GGAGAGAGAGAGAAATTTTCCTCTGTGGGTGAGAGAGAGTTGTCTCCGAGACAAAAGCGCTTCTCTC-3'.

inSilico Assay Prediction



Nucleotide position (bp)

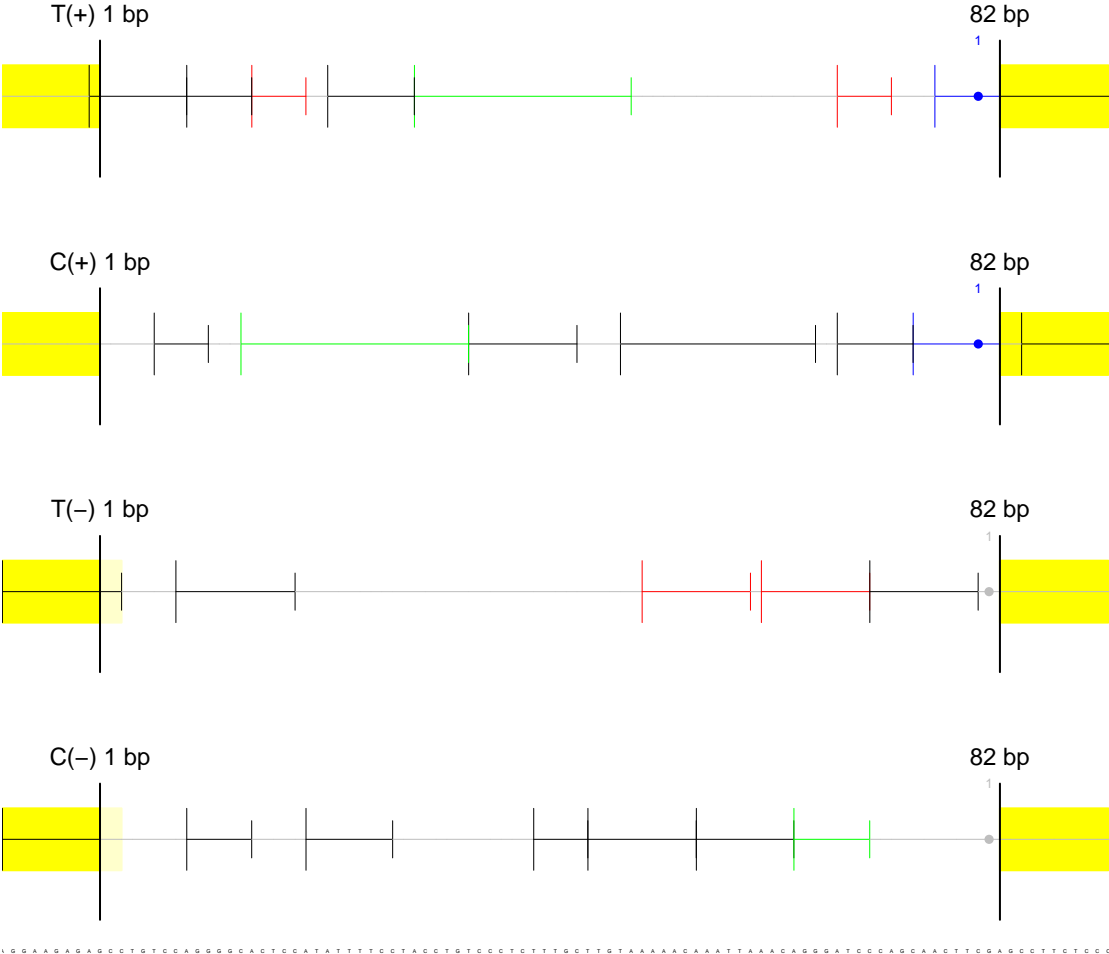
inSilico Assay Prediction



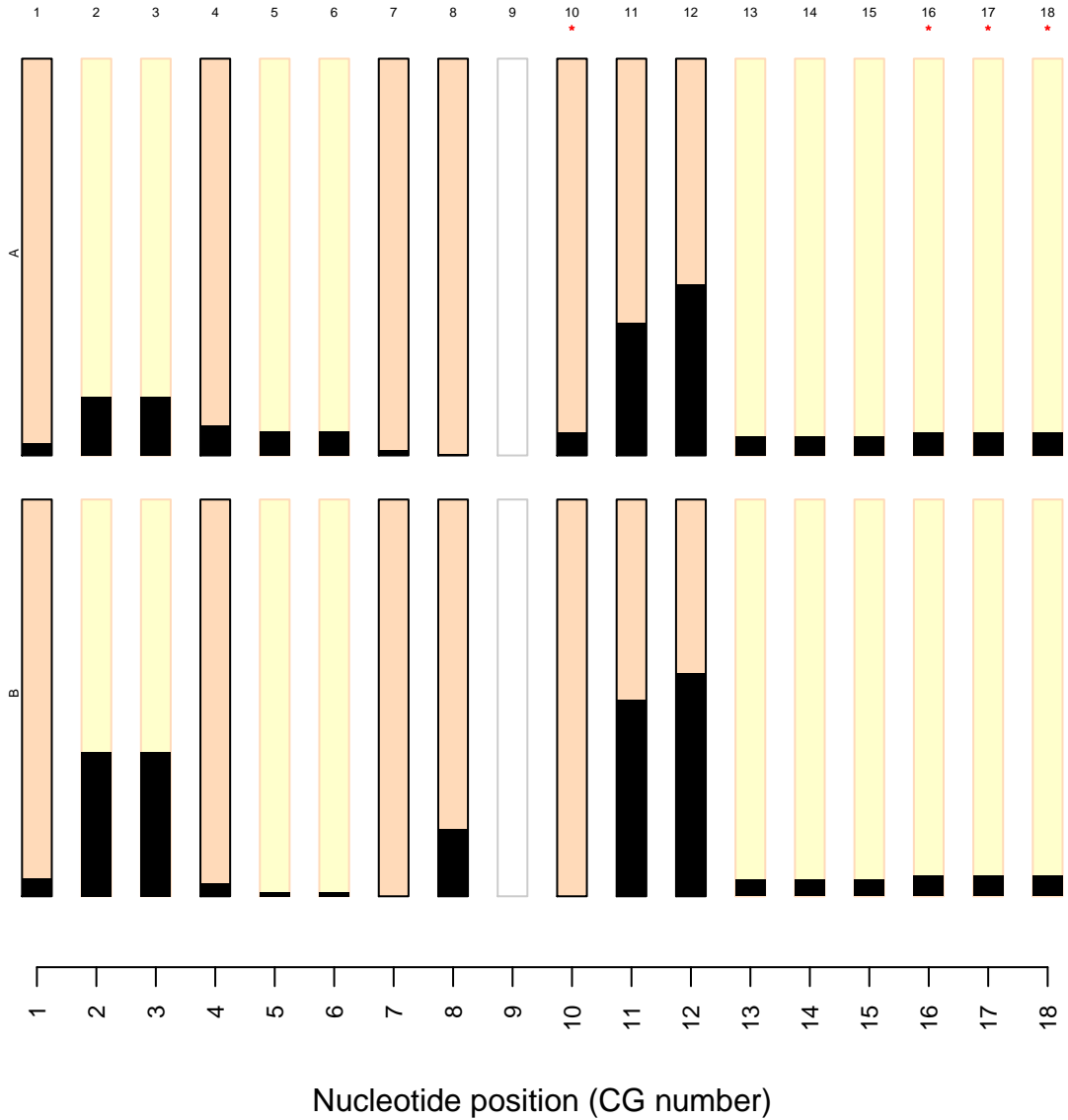
1 G G A A G A G A G A A A A T T T T C C C T C T G C G T G A G A G A G T T G T C C G A C T T C C C C T C T G C G T G A G A G A G T T G T C C G A C A A A A A G C C T T C T C C C

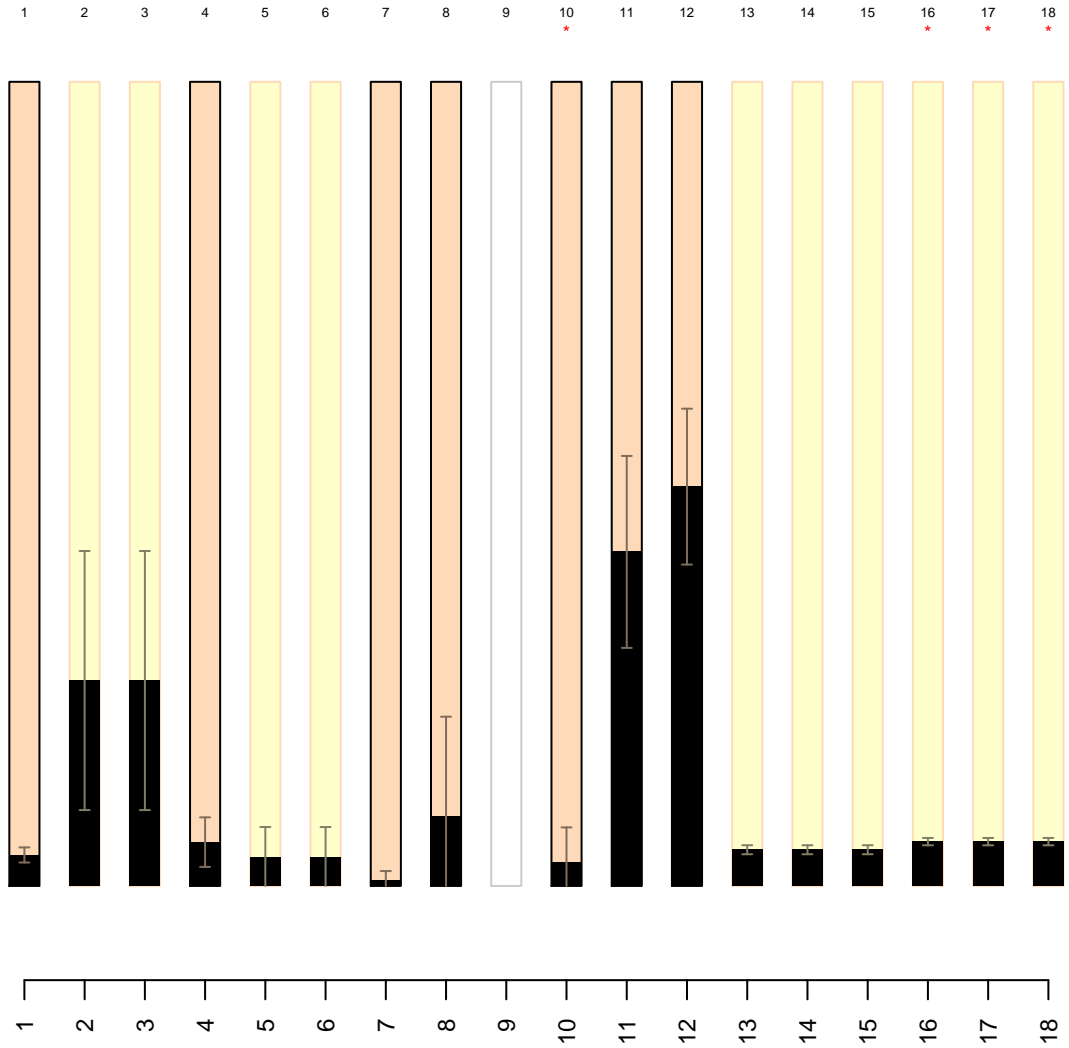
Nucleotide position (bp)

inSilico Assay Prediction

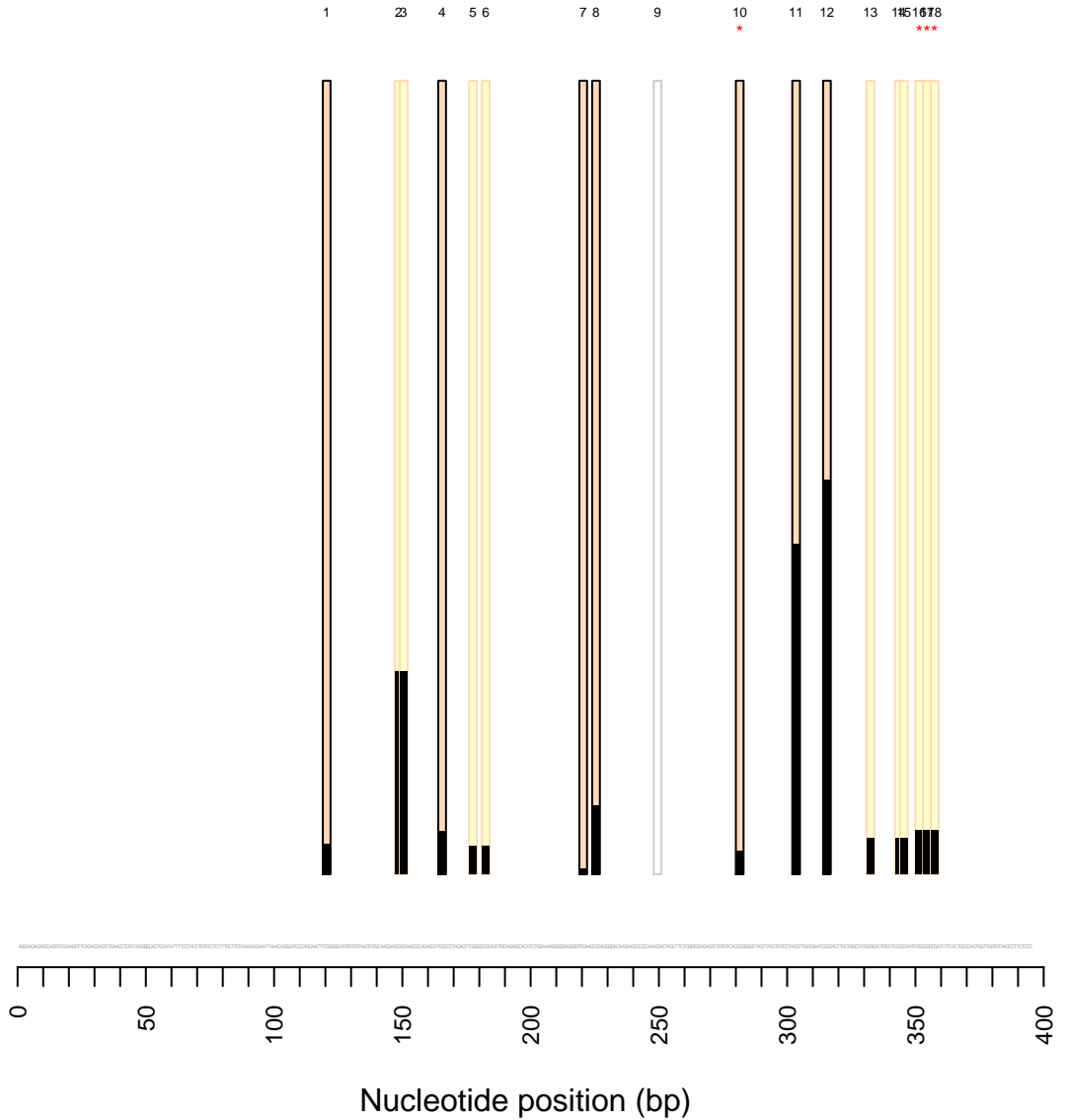


Nucleotide position (bp)

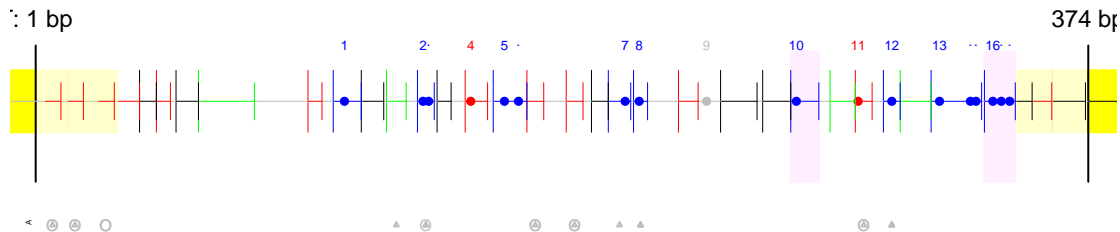




Nucleotide position (CG number)



inSilico SNP Prediction



69

△

1

Nucleotide position (bp)