

ACAACTAACACTGA

The image displays a DNA double helix structure. The top strand is composed of 12 nucleotides, each represented by a large letter (A, C, A, A, C, T, A, A, C, T, G, A) and a smaller base pair symbol below it. The bottom strand is also composed of 12 nucleotides, each represented by a large letter (A, C, A, A, C, T, A, A, C, T, G, A) and a smaller base pair symbol below it. The base pair symbols are colored to match the corresponding nucleotide on the top strand: red for A, orange for C, green for A, green for A, blue for C, blue for T, orange for A, orange for A, green for C, green for T, blue for G, and orange for A. The strands are connected by horizontal bars representing base pairs: red, red, red, red, red, red, red, red, red, red, red, red.