

TCCTCAAGGGAAC



The image shows a DNA double helix segment. The top strand is composed of the bases T, C, C, T, C, A, A, G, G, G, A, A, C. The bottom strand is composed of the bases A, G, G, C, T, T, C, C, G, G, T, T, G. The bases are color-coded: T is red, C is blue, A is green, and G is orange. A red horizontal line is positioned above the 6th base pair (A-A), and a green horizontal line is positioned below the 6th base pair (A-A). The 6th base pair (A-A) is highlighted with a red horizontal line above the top base and a green horizontal line below the bottom base, indicating a mutation or a specific site of interest.