



Diagram illustrating a DNA sequence alignment or analysis. The sequence is displayed in a color-coded format (A: blue, C: green, G: red, T: orange) and is aligned with a reference sequence (A: blue, C: green, G: red, T: orange). The alignment shows a high degree of similarity between the two sequences, with the top sequence being a slightly modified version of the bottom sequence. The diagram also includes a scale bar indicating the length of the sequence (1000 bases).