

The bar chart displays the frequency of 1000 random 10bp DNA sequences. The x-axis lists all possible 10bp sequences, and the y-axis represents the frequency. The distribution is highly skewed, with a few sequences having much higher frequencies than others. The sequences are color-coded: blue for sequences starting with 'A', red for sequences starting with 'C', green for sequences starting with 'G', and black for sequences starting with 'T'. Error bars are shown for each bar.

	C>A
	C>G
	C>T
	T>A
	T>C
	T>G