






The bar chart displays the frequency of 1000 random 10bp motifs. The x-axis lists motifs from A>A to T>T. The y-axis represents frequency. Motifs are color-coded: blue for high frequency, red for moderate, and green for low. Error bars are shown for each bar.

Motif	Frequency (approx.)	Color
A>A	100	Blue
A>C	10	Blue
A>G	5	Blue
A>T	20	Blue
C>A	30	Blue
C>C	10	Blue
C>G	5	Blue
C>T	20	Blue
G>A	150	Blue
G>C	10	Blue
G>G	5	Blue
G>T	40	Blue
T>A	40	Blue
T>C	20	Blue
T>G	5	Blue
T>T	80	Blue
A>A	5	Black
A>C	5	Black
A>G	5	Black
A>T	5	Black
C>A	5	Black
C>C	5	Black
C>G	5	Black
C>T	5	Black
G>A	5	Black
G>C	5	Black
G>G	5	Black
G>T	5	Black
T>A	5	Black
T>C	5	Black
T>G	5	Black
T>T	5	Black
A>A	10	Red
A>C	5	Red
A>G	5	Red
A>T	5	Red
C>A	5	Red
C>C	5	Red
C>G	5	Red
C>T	5	Red
G>A	5	Red
G>C	5	Red
G>G	5	Red
G>T	5	Red
T>A	5	Red
T>C	5	Red
T>G	5	Red
T>T	5	Red
A>A	5	Blue
A>C	5	Blue
A>G	5	Blue
A>T	5	Blue
C>A	5	Blue
C>C	5	Blue
C>G	5	Blue
C>T	5	Blue
G>A	5	Blue
G>C	5	Blue
G>G	5	Blue
G>T	5	Blue
T>A	5	Blue
T>C	5	Blue
T>G	5	Blue
T>T	5	Blue
A>A	5	Blue
A>C	5	Blue
A>G	5	Blue
A>T	5	Blue
C>A	5	Blue
C>C	5	Blue
C>G	5	Blue
C>T	5	Blue
G>A	5	Blue
G>C	5	Blue
G>G	5	Blue
G>T	5	Blue
T>A	5	Blue
T>C	5	Blue
T>G	5	Blue
T>T	5	Blue
A>A	5	Blue
A>C	5	Blue
A>G	5	Blue
A>T	5	Blue
C>A	5	Blue
C>C	5	Blue
C>G	5	Blue
C>T	5	Blue
G>A	5	Blue
G>C	5	Blue
G>G	5	Blue
G>T	5	Blue
T>A	5	Blue
T>C	5	Blue
T>G	5	Blue
T>T	5	Blue
A>A	5	Blue
A>C	5	Blue
A>G	5	Blue
A>T	5	Blue
C>A	5	Blue
C>C	5	Blue
C>G	5	Blue
C>T	5	Blue
G>A	5	Blue
G>C	5	Blue
G>G	5	Blue
G>T	5	Blue
T>A	5	Blue
T>C	5	Blue
T>G	5	Blue
T>T	5	Blue
A>A	5	Blue
A>C	5	Blue
A>G	5	Blue
A>T	5	Blue
C>A	5	Blue
C>C	5	Blue
C>G	5	Blue
C>T	5	Blue
G>A	5	Blue
G>C	5	Blue
G>G	5	Blue
G>T	5	Blue
T>A	5	Blue
T>C	5	Blue
T>G	5	Blue
T>T	5	Blue
A>A	5	Blue
A>C	5	Blue
A>G	5	Blue
A>T	5	Blue
C>A	5	Blue
C>C	5	Blue
C>G	5	Blue
C>T	5	Blue
G>A	5	Blue
G>C	5	Blue
G>G	5	Blue
G>T	5	Blue
T>A	5	Blue
T>C	5	Blue
T>G	5	Blue
T>T	5	Blue
A>A	5	Blue
A>C	5	Blue
A>G	5	Blue
A>T	5	Blue
C>A	5	Blue
C>C	5	Blue
C>G	5	Blue
C>T	5	Blue
G>A	5	Blue
G>C	5	Blue
G>G	5	Blue
G>T		

mutation

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