

Bar chart showing the relative frequency of 48 dinucleotide contexts. The y-axis represents relative frequency from 0 to 1.0. The x-axis lists 48 dinucleotide contexts. Bars are color-coded: blue for contexts with high frequency (mostly GC-rich), red for contexts with moderate frequency (mostly AT-rich), and green for contexts with low frequency. Error bars are shown for each bar.

Dinucleotide Context	Relative Frequency (approx.)
AC>AA	0.15
AC>AC	0.02
AC>AG	0.01
AC>AT	0.05
CC>AA	0.08
CC>AC	0.02
CC>AG	0.01
CC>AT	0.05
GC>AA	0.95
GC>AC	0.02
GC>AG	0.01
GC>AT	0.05
GG>AA	0.08
GG>AC	0.02
GG>AG	0.01
GG>AT	0.05
TC>AA	0.02
TC>AC	0.08
TC>AG	0.01
TC>AT	0.85
AC>GA	0.02
AC>GC	0.01
AC>GG	0.01
AC>GT	0.02
CC>GA	0.02
CC>GC	0.01
CC>GG	0.01
CC>GT	0.02
GC>GA	0.01
GC>GC	0.01
GC>GG	0.01
GC>GT	0.01
TC>GA	0.02
TC>GC	0.01
TC>GG	0.01
TC>GT	0.02
AC>TA	0.08
AC>TC	0.05
AC>TG	0.05
AC>TT	0.05
CC>TA	0.08
CC>TC	0.05
CC>TG	0.05
CC>TT	0.05
GC>TA	0.05
GC>TC	0.05
GC>TG	0.05
GC>TT	0.05
TC>TA	0.08
TC>TC	0.05
TC>TG	0.05
TC>TT	0.05
AT>AA	0.01
AT>AC	0.01
AT>AG	0.01
AT>AT	0.01
CT>AA	0.01
CT>AC	0.01
CT>AG	0.01
CT>AT	0.01
GT>AA	0.01
GT>AC	0.01
GT>AG	0.01
GT>AT	0.01
TT>AA	0.01
TT>AC	0.01
TT>AG	0.01
TT>AT	0.01
AT>CA	0.02
AT>CC	0.01
AT>CG	0.02
AT>CT	0.02
CT>CA	0.01
CT>CC	0.01
CT>CG	0.01
CT>CT	0.01
GT>CA	0.01
GT>CC	0.01
GT>CG	0.01
GT>CT	0.01
TT>CA	0.02
TT>CC	0.01
TT>CG	0.02
TT>CT	0.02
AT>GA	0.01
AT>GC	0.01
AT>GG	0.01
AT>GT	0.01
CT>GA	0.01
CT>GC	0.01
CT>GG	0.01
CT>GT	0.01
GT>GA	0.01
GT>GC	0.01
GT>GG	0.01
GT>GT	0.01
TT>GA	0.01
TT>GC	0.01
TT>GG	0.01
TT>GT	0.01

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