

T C A T A T A C C T



The image shows a DNA double helix structure. The top strand is red and the bottom strand is blue. The bases are connected by hydrogen bonds, represented by colored lines: red for T-A, blue for A-T, and green for C-G. The sequence is T C A T A T A C C T.

Strand	Base	Hydrogen Bonds
Top (Red)	T	2 (Red)
Top (Red)	C	3 (Green)
Top (Red)	A	2 (Blue)
Top (Red)	T	2 (Red)
Top (Red)	A	2 (Blue)
Top (Red)	T	2 (Red)
Top (Red)	A	2 (Blue)
Top (Red)	C	3 (Green)
Top (Red)	C	3 (Green)
Top (Red)	T	2 (Red)
Bottom (Blue)	A	2 (Blue)
Bottom (Blue)	G	3 (Green)
Bottom (Blue)	T	2 (Red)
Bottom (Blue)	A	2 (Blue)
Bottom (Blue)	T	2 (Red)
Bottom (Blue)	A	2 (Blue)
Bottom (Blue)	C	3 (Green)
Bottom (Blue)	C	3 (Green)
Bottom (Blue)	A	2 (Blue)