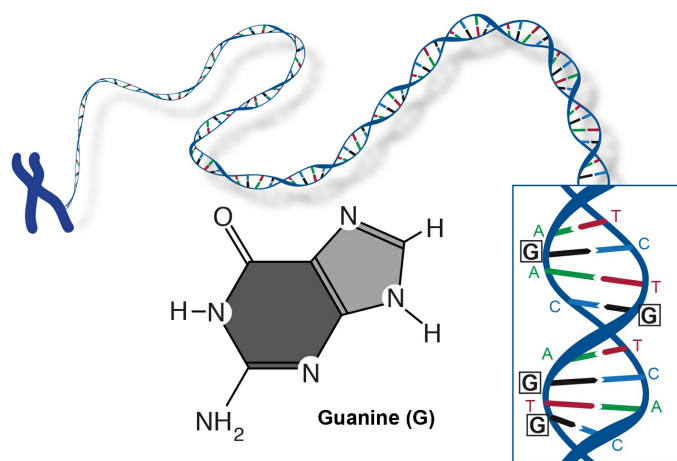


Guanine

National Human Genome Research Institute (NHGRI)

Source

National Human Genome Research Institute (NHGRI). *Guanine*.



Figure

Guanine (G) is one of four chemical bases in DNA, with the other three being adenine (A), cytosine (C), and thymine (T). Within the DNA molecule, guanine bases located on one strand form chemical bonds with cytosine bases on the opposite strand. The sequence of four DNA bases encodes the cell's genetic instructions.