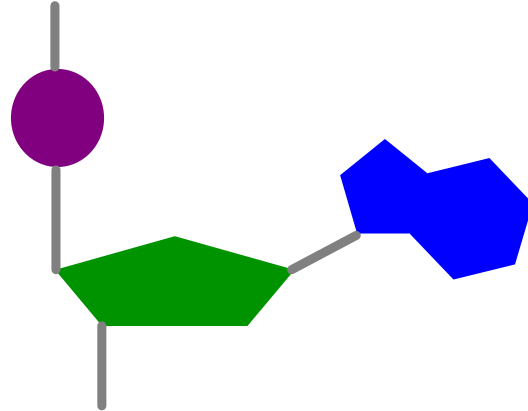
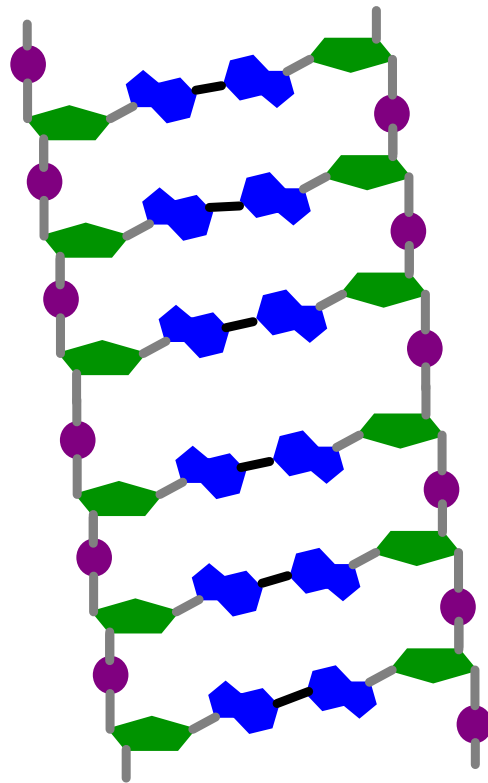
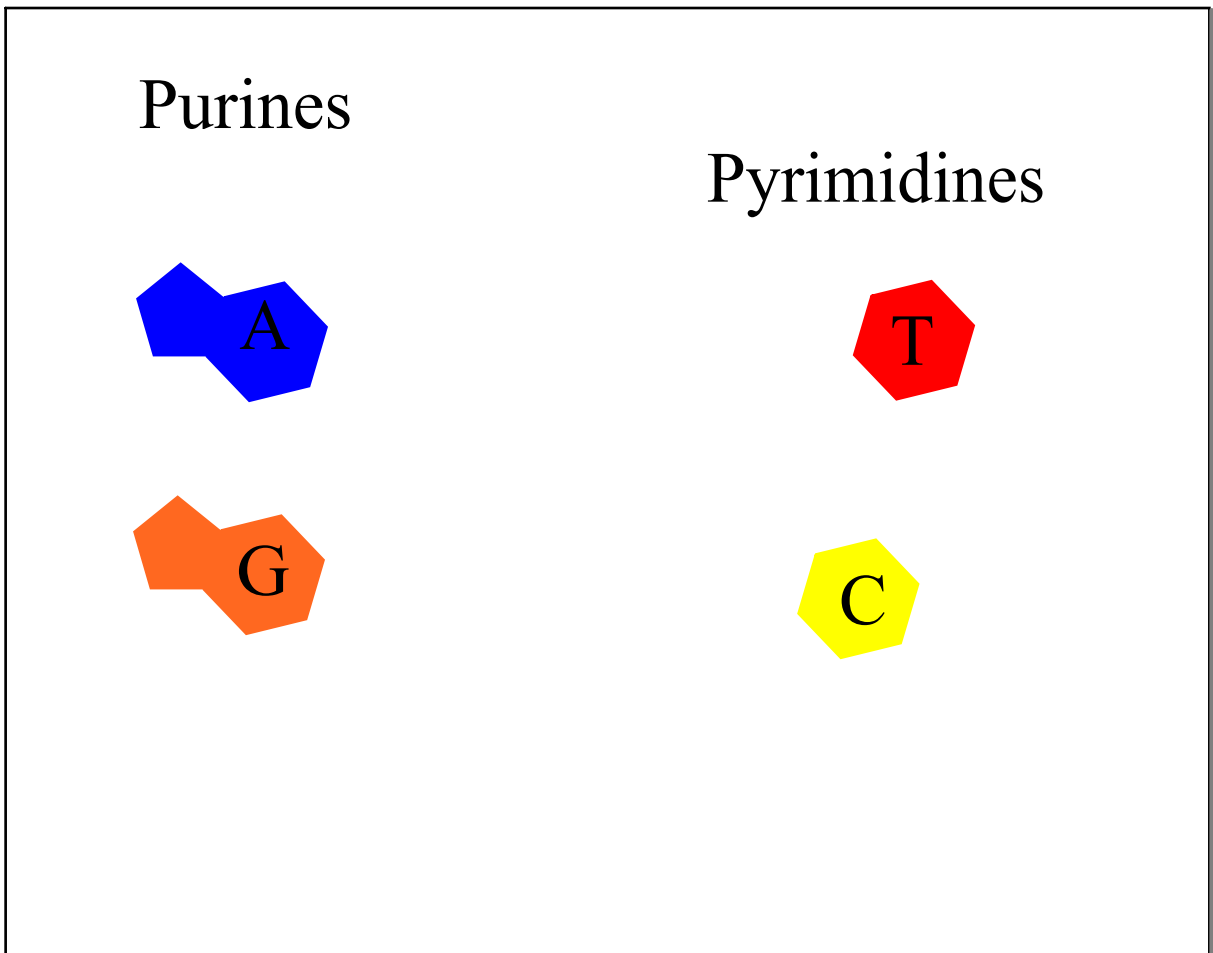
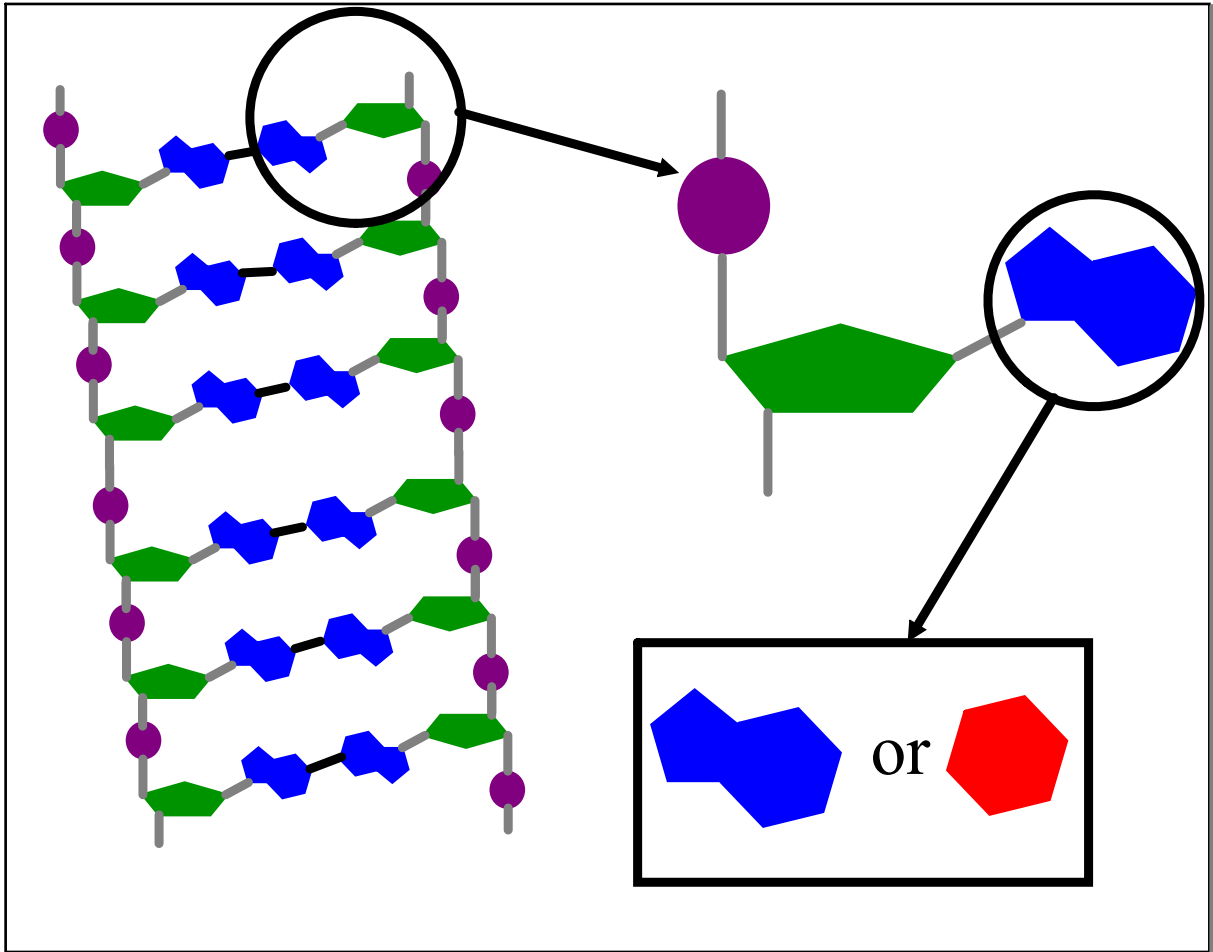


Nucleotide-
three parts a
sugar, a base,
and a
phosphate
group

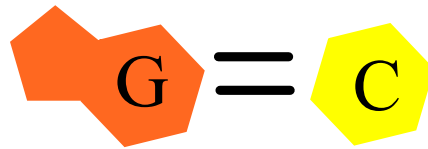
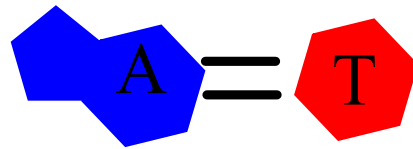


DNA

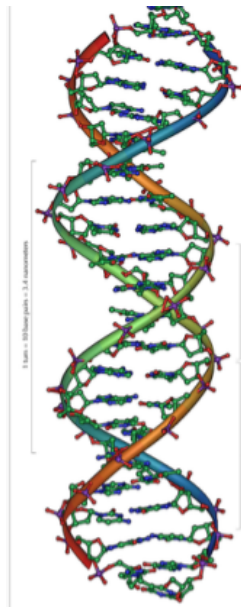




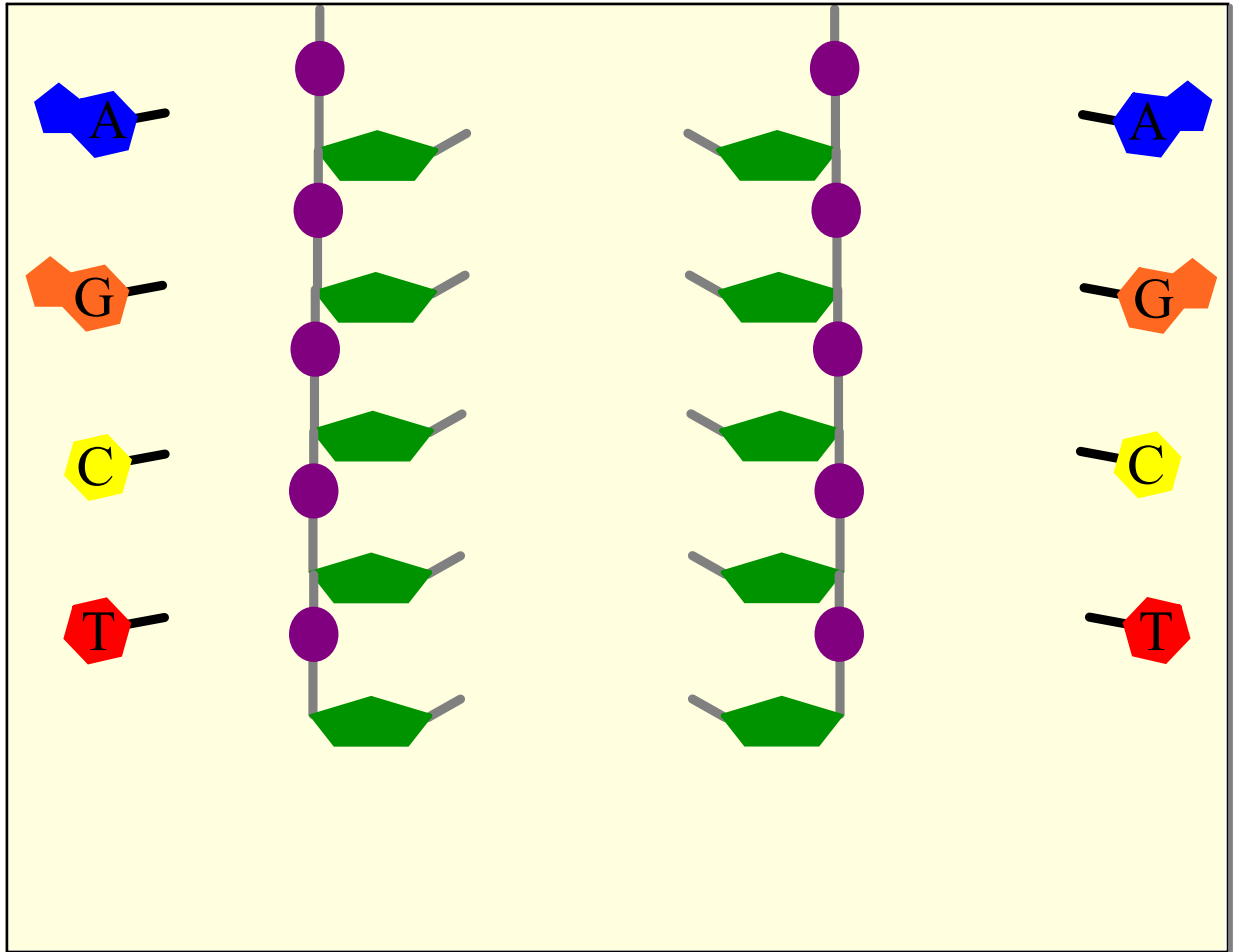
Erwin Chargaff observed that there were always as many **A** as **T** and always as many **G** as **C**.



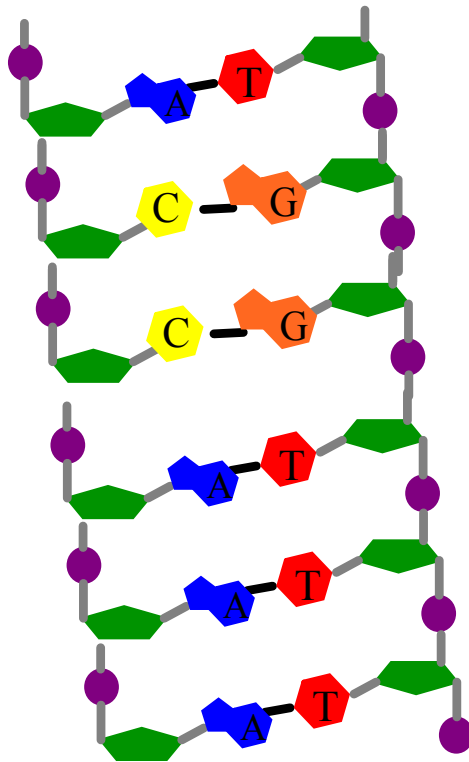
Wilkins and Franklin through X-Ray diffraction discovered that DNA was a tightly coiled helix



Double Helix-
two strands
twisted around
each other



Base-pairing Rules

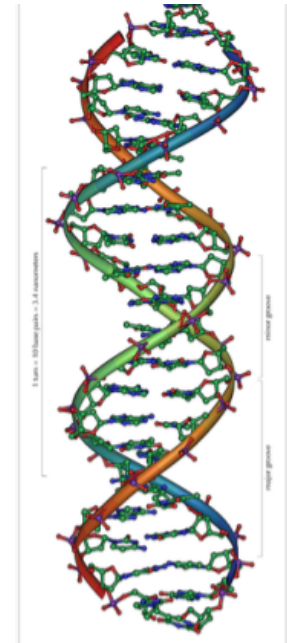


Complementary



CORBIS

James Watson
and
Francis Crick



<http://en.wikipedia.org/wiki/DNA>

<http://www.time.com/time/time100/scientist/profile/watsoncrick.html>

Which one is its complimentary pair?

TGAACTAGC

ACTTGATCG

AGTAGTACC

GCTAGTTCG

TGAACTAGC