

The Structure of DNA

DNA Deoxyribonucleic acid
Found in the nucleus of the cell
Chromosomes are made of DNA

Structure: twisted ladder shape "double helix"

Sides of "ladder" are made of sugar and phosphate groups
Rungs or steps are made of nitrogen bases:

Adenine (A)

Thymine (T)

Guanine (G)

Cytosine (C)

DNA Rules:

Adenine pairs with Thymine
A-T T-A

Guanine pairs with Cytosine
C-G G-C