Definitions:

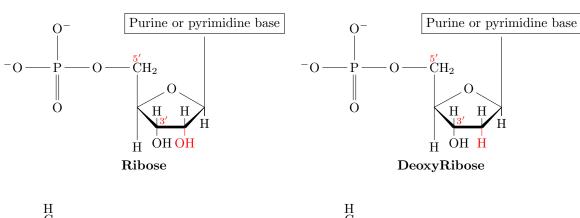
RNA Ribonucleic Acid
DNA Deoxyribonucleic Acid
rRNA Ribosomal RNA
tRNA Transfer RNA
mRNA Messenger RNA

gene A segment of a DNA molecule that contains a sequence of a functional biological

product, whether protein or RNA.

pyrimidine Cytosine, Thymine (DNA) and Uracil (RNA)

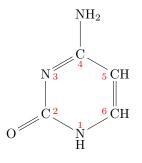
purine Adenine and Guanine

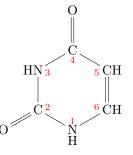


$$\begin{array}{c} H \\ C \\ 4 \\ \\ \\ HC \\ 2 \\ \\ 1 \\ \\ \end{array}$$

Pyrimidine

$$\begin{array}{c|c} & & & \\ & & & \\ & & & \\ & & \\ & & \\ H_2N & & \\ & &$$





Cytosine

Thymine (DNA)

Uracil (RNA)