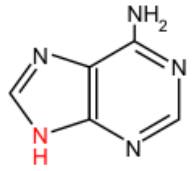
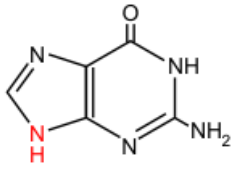
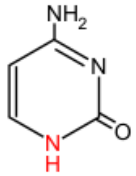
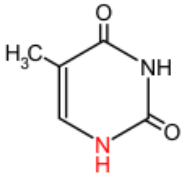
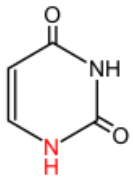
Nitrogenous bases

Symbol	Name	Formula	Derived from	Nucleic acid
A	Adenine	 $C_5H_5N_5$	Purine	DNA, RNA
G	Guanine	 $C_5H_5N_5O$	Purine	DNA, RNA
C	Cytosine	 $C_4H_5N_3O$	Pyrimidine	DNA, RNA
T	Thymine	 $C_5H_6N_2O_2$	Pyrimidine	DNA
U	Uracil	 $C_4H_4N_2O_2$	Pyrimidine	RNA