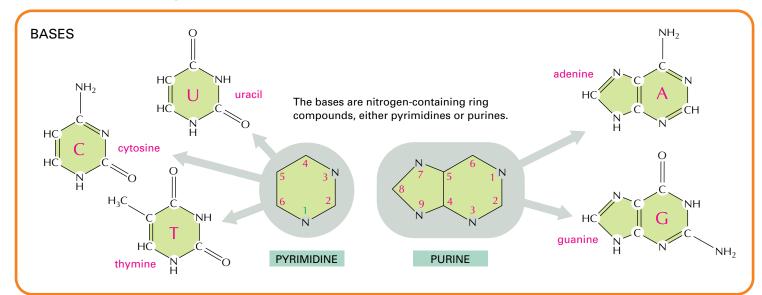
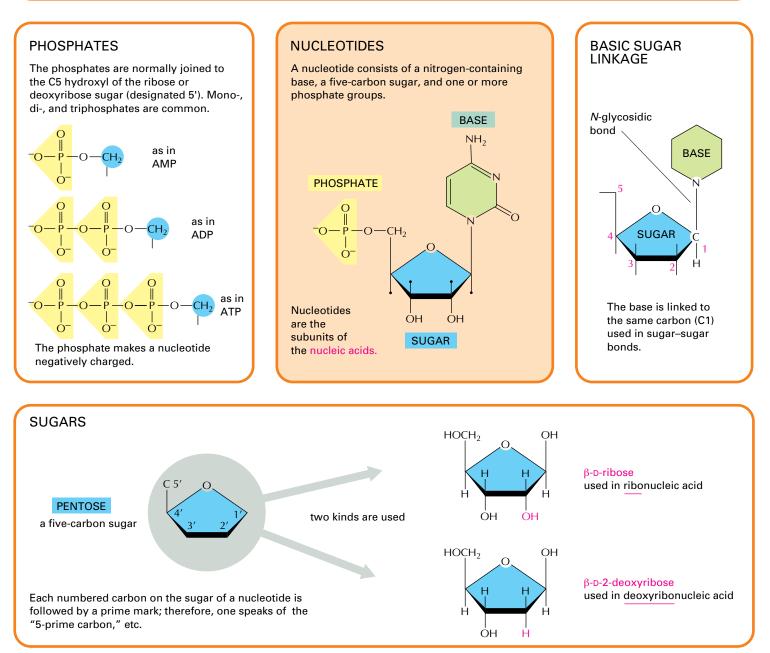
Panel 2-6 A survey of the nucleotides





NOMENCLATURE

BASE	NUCLEOSIDE	ABBR.
adenine	adenosine	А
guanine	guanosine	G
cytosine	cytidine	С
uracil	uridine	U
thymine	thymidine	т

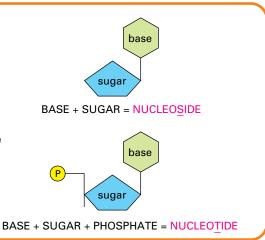
The names can be confusing, but the abbreviations are clear.

Nucleotides are abbreviated by three capital letters. Some examples follow:

AMP = adenosine monophosphate dAMP = deoxyadenosine monophosphate

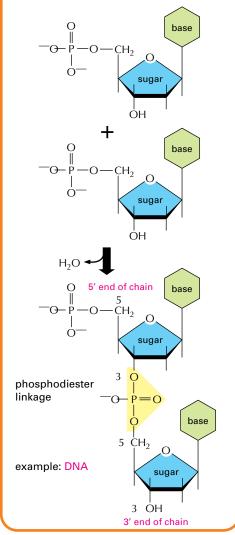
UDP = uridine diphosphate

ATP = adenosine triphosphate



NUCLEIC ACIDS

Nucleotides are joined together by a phosphodiester linkage between 5' and 3' carbon atoms to form nucleic acids. The linear sequence of nucleotides in a nucleic acid chain is commonly abbreviated by a one-letter code, A—G—C—T—T—A—C—A, with the 5' end of the chain at the left.



NUCLEOTIDES HAVE MANY OTHER FUNCTIONS

