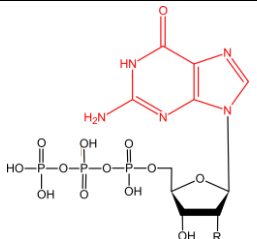
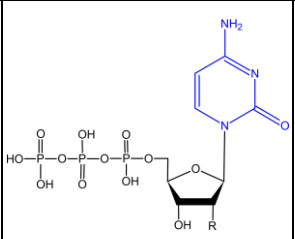
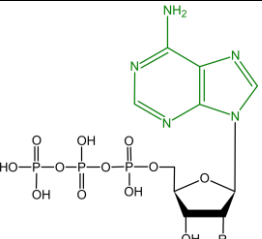
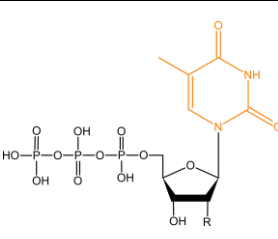
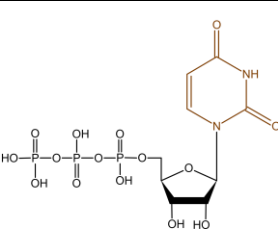
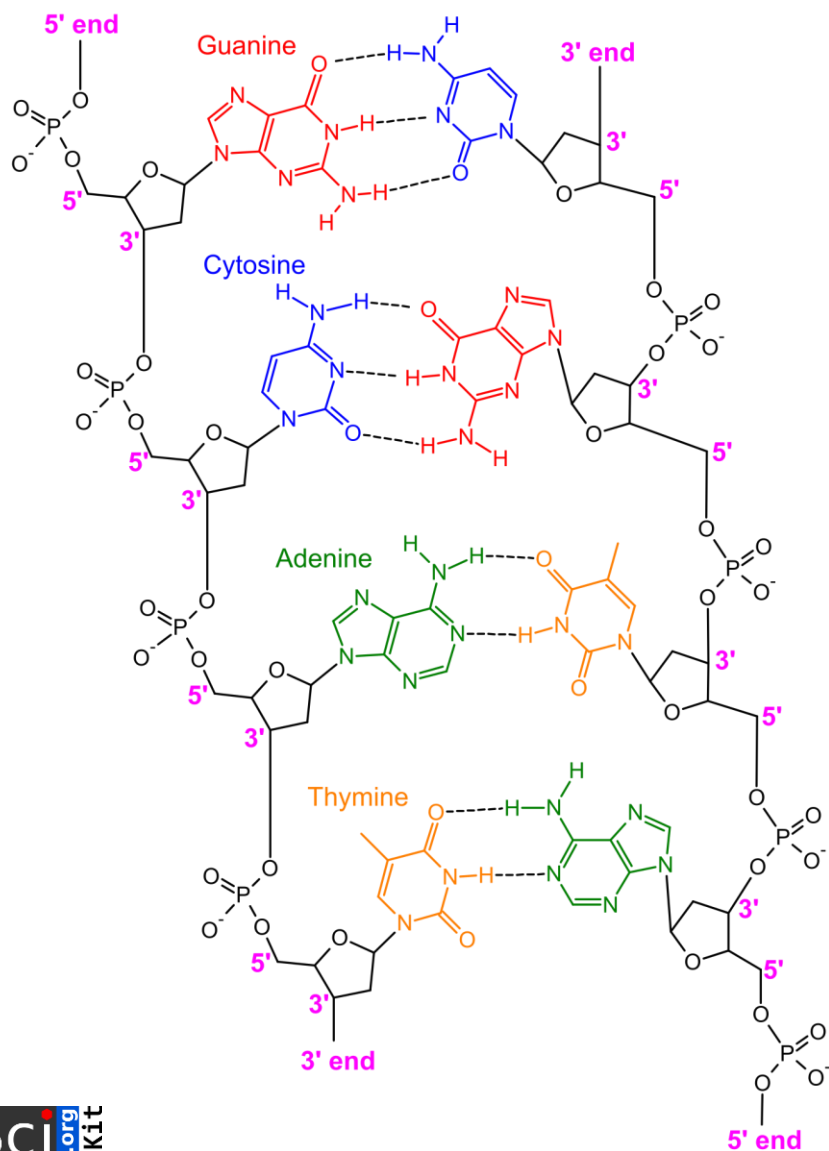


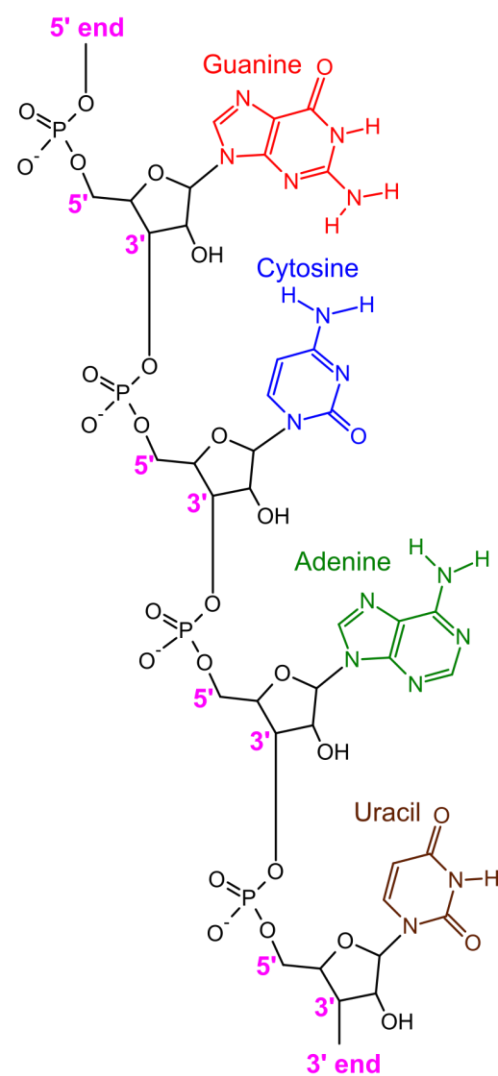
# Nucleotides, DNA and RNA

				
Base <b>Guanine (G)</b>	Base <b>Cytosine (C)</b>	Base <b>Adenine (A)</b>	Base <b>Thymine (T)</b>	Base <b>Uracil (U)</b>
R = H deoxyguanosine triphosphate	R = H deoxycytidine triphosphate	R = H deoxyadenosine triphosphate	R = H deoxythymidine triphosphate	Base only present in RNA instead of Thymine.
R = OH guanosine 5'- monophosphate	R = OH cytidine 5'- monophosphate	R = OH adenosine 5'- monophosphate	Base only present in DNA instead of Uracil.	R = OH uridine 5'- monophosphate
DNA is built from R = H nucleotides, RNA is built from R = OH nucleotides				

## Example of a DNA (Deoxyribonucleic acid) strand and a RNA (Ribonucleic acid) strand



**DNA**



**RNA**