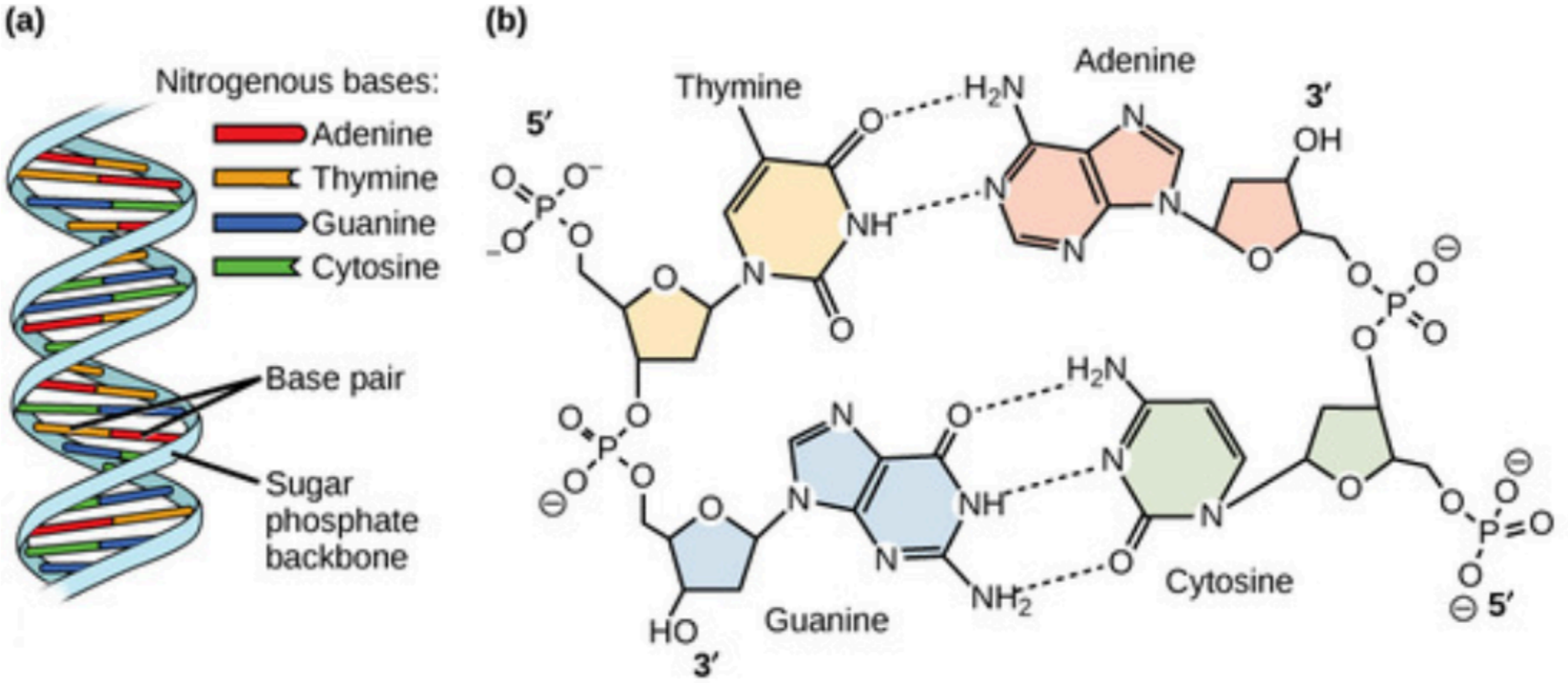
(a)
Nitrogenous bases:
Adenine
Thymine
Guanine
Cytosine
Base pair
Sugar phosphate backbone
(b)
Thymine
Adenine
5′
3′
OH
Guanine
Cytosine
HO
3′
5′