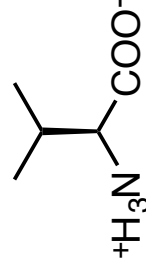
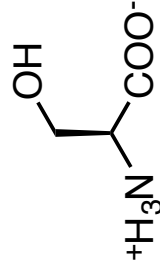


pKa = 6.04



Histidine  
His  
H  
pKa

Serine  
Ser  
S

Valine  
Val  
V

Cysteine  
Cys  
C

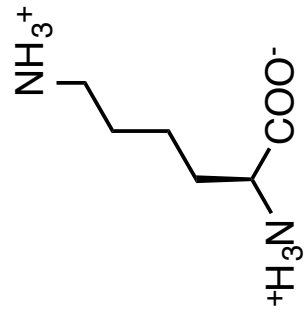
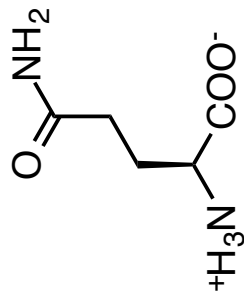
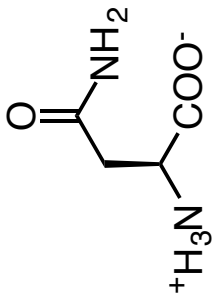
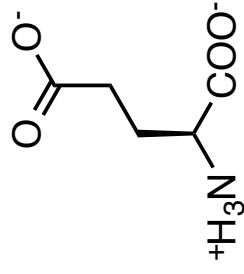
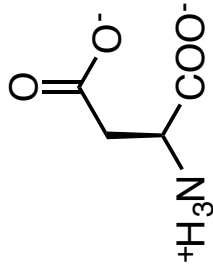
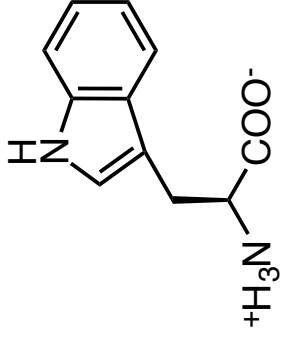
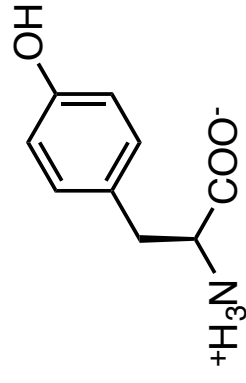
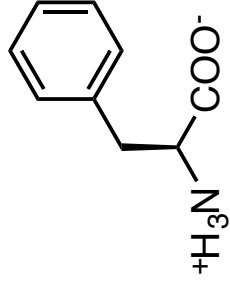
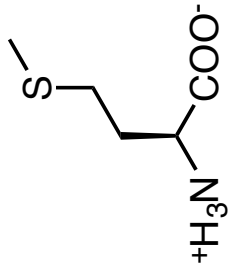
Isoleucine  
Ile  
I

Alanine  
Ala  
A

Threonine  
Thr  
T

Leucine  
Leu  
L

Glycine  
Gly  
G



Lysine  
Lys  
K

Glutamic Acid  
Glu  
E

Tyrosine  
Tyr  
Y

Glutamine  
Gln  
Q

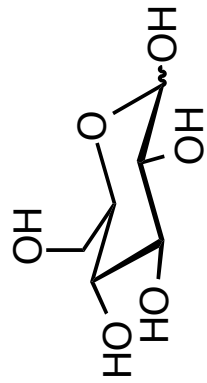
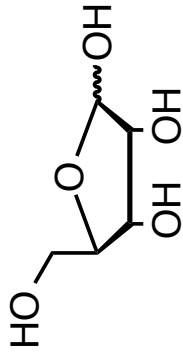
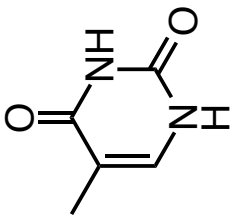
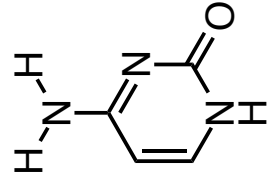
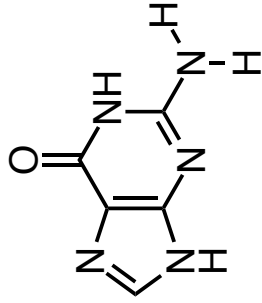
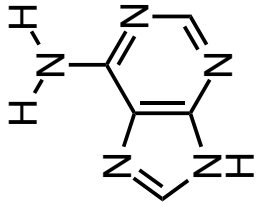
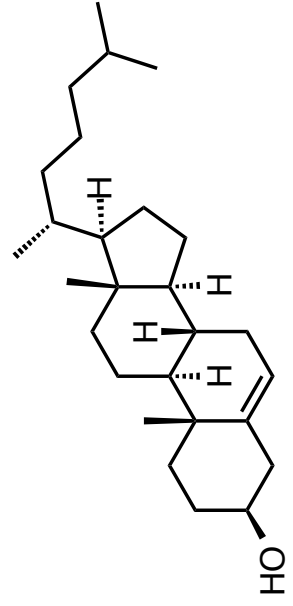
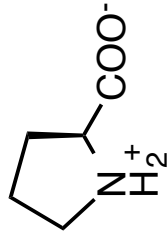
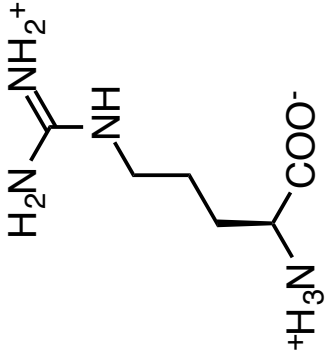
Aspartic Acid  
Asp  
D

Phenylalanine  
Phe  
F

Asparagine  
Asn  
N

Tryptophan  
Trp  
W

Methionine  
Met  
M



D-Glucose

Cytosine  
C

Cholesterol

D-Ribose

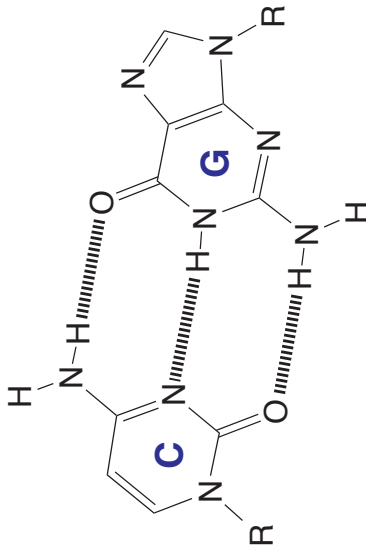
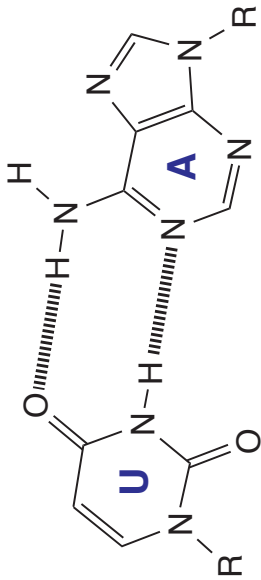
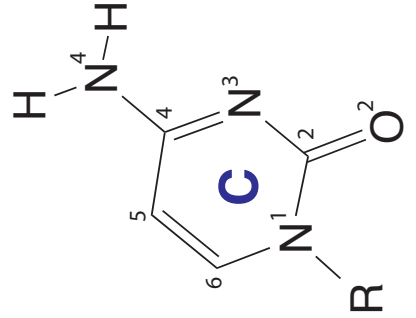
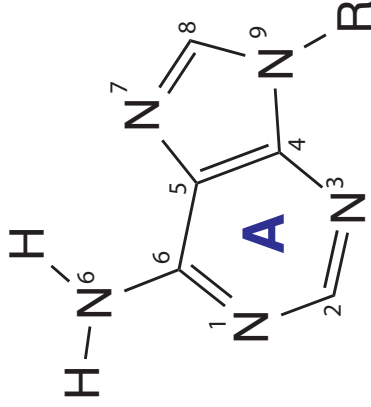
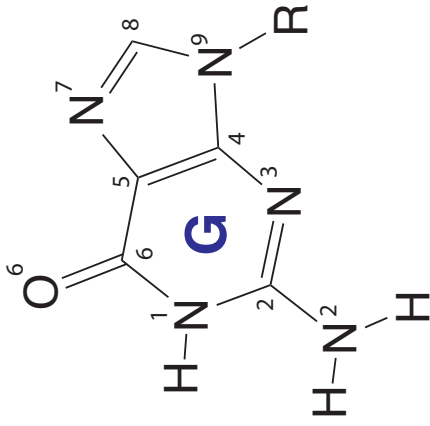
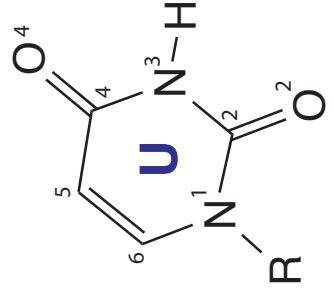
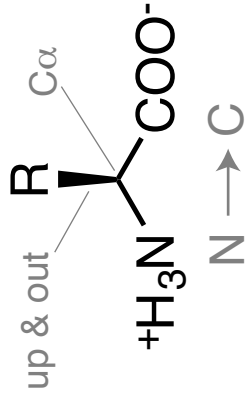
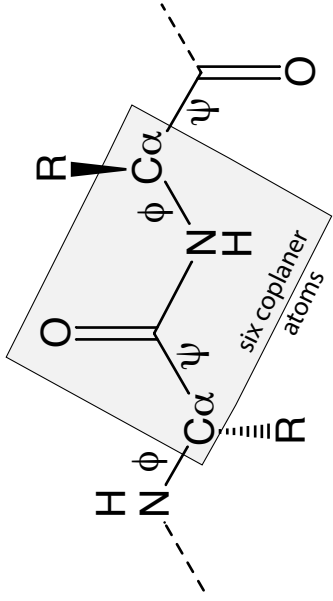
Guanine  
G

Proline  
Pro  
P

Thymine  
T

Adenine  
A

Arginine  
Arg  
R



**GT**

If this card does not show  
the GT logo on the reverse side,  
then all the cards are incorrect.  
Change the print parameters  
and reprint.

Cytosine atom numbers

Uracil atom numbers

C-G Base Pair

Adenine atom numbers

L- $\alpha$ -Amino Acid

U-A Base Pair

Guanine atom numbers

Peptide Bond