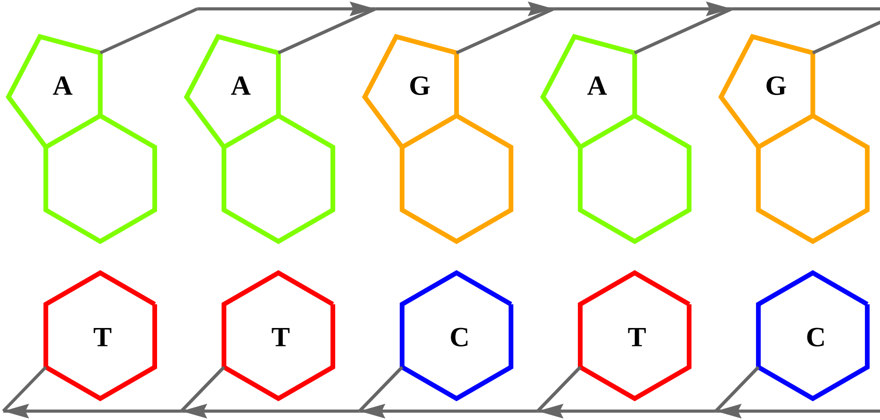
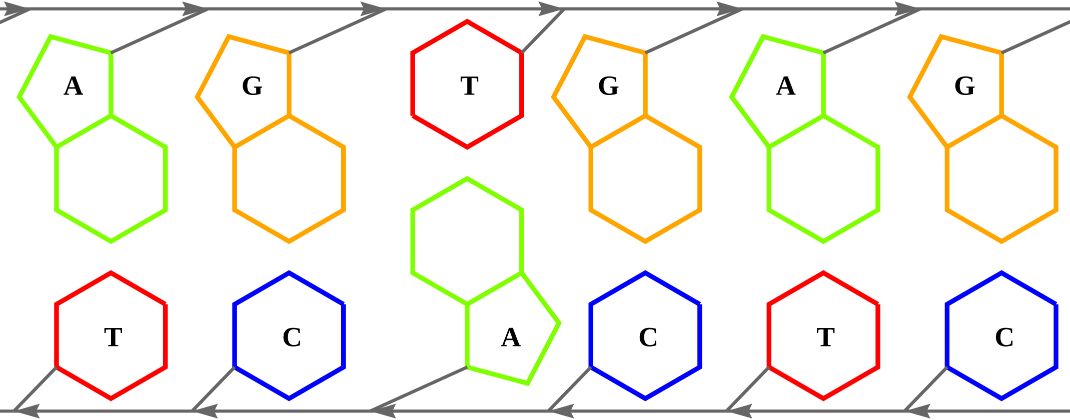
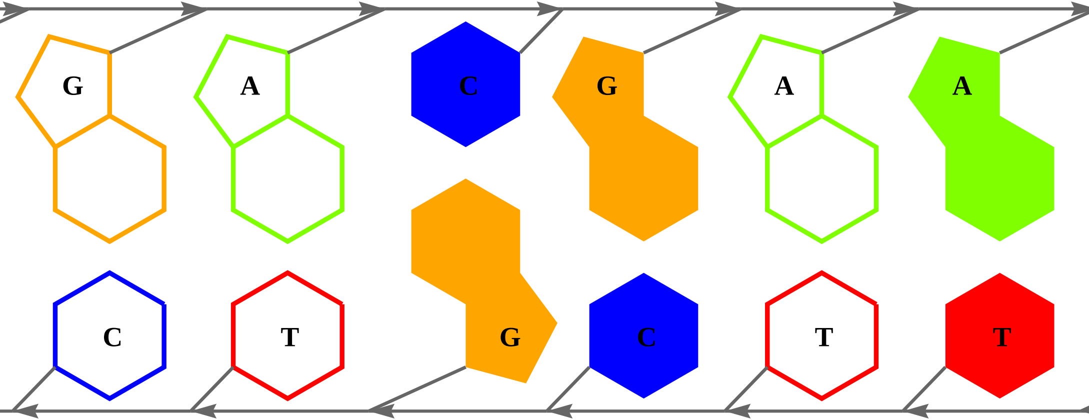
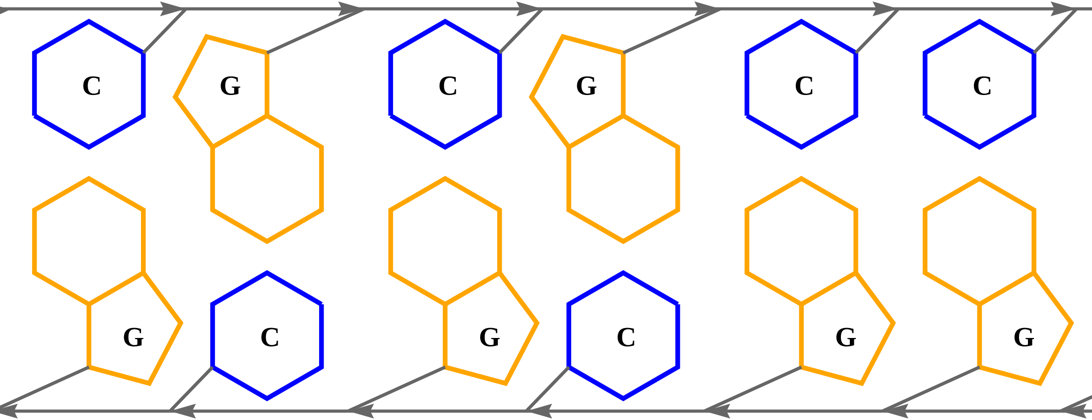
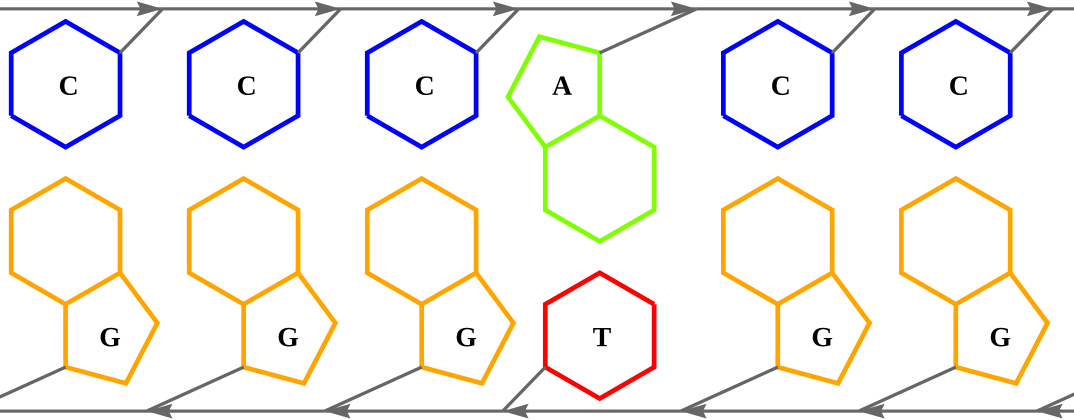
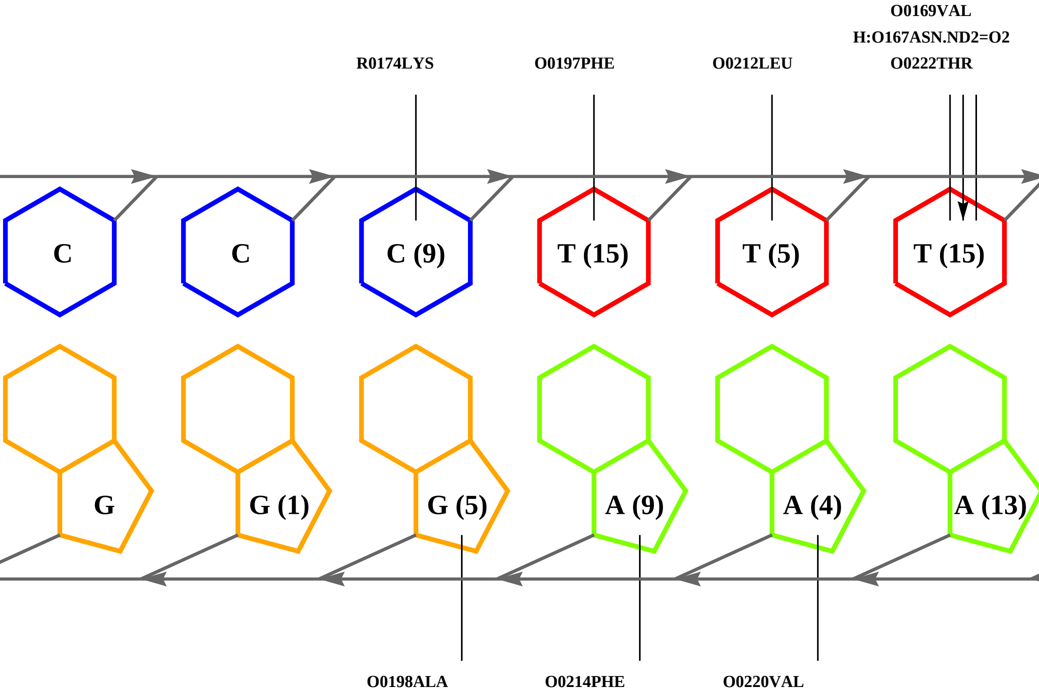

A
A
G
A
G
T
T
C
T
C

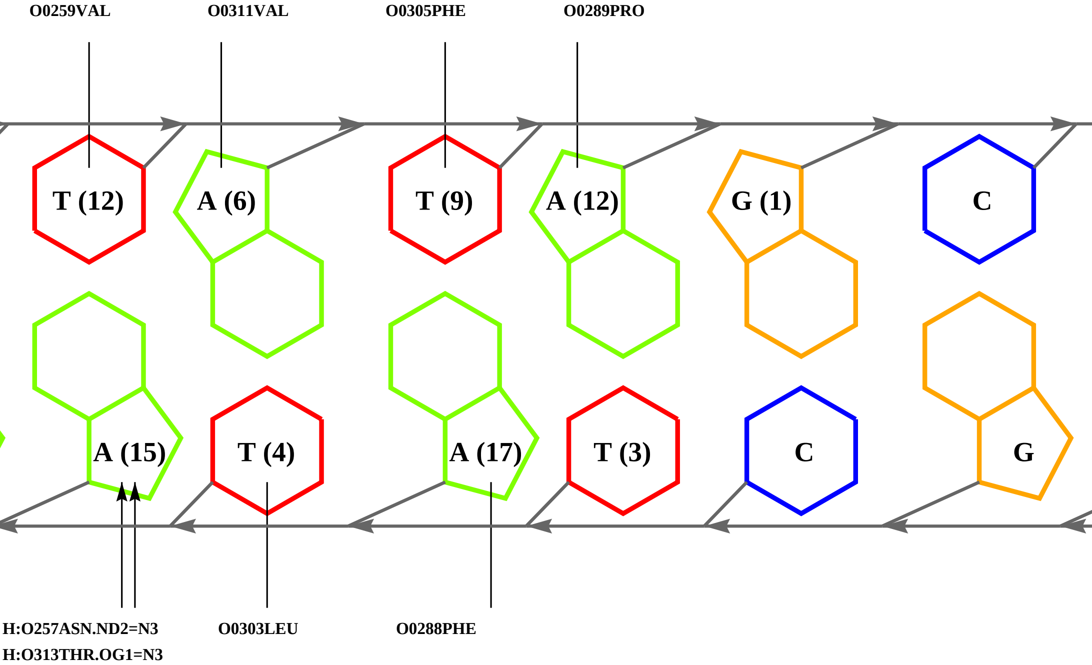

A
G
T
G
A
G
T
C
A
C
T
C

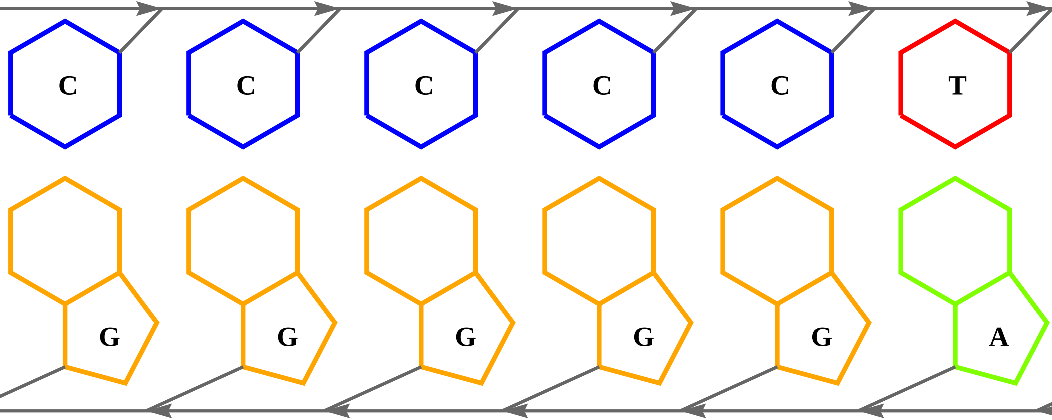

G
A
C
G
A
A
C
T
G
C
T
T

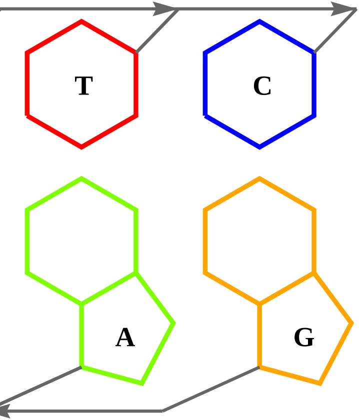

C
G
C
G
C
C
G
C
G
C
G
G


C
C
C
A
C
C
G
G
G
T
G
G


O0169VAL
H:O167ASN.ND2=O2
R0174LYS
O0197PHE
O0212LEU
O0222THR
C
C
C (9)
T (15)
T (5)
T (15)
G
G (1)
G (5)
A (9)
A (4)
A (13)
O0198ALA
O0214PHE
O0220VAL


O0259VAL
O0311VAL
O0305PHE
O0289PRO
T (12)
A (6)
T (9)
A (12)
G (1)
C
A (15)
T (4)
A (17)
T (3)
C
G
H:O257ASN.ND2=N3
H:O313THR.OG1=N3
O0303LEU
O0288PHE


C
C
C
C
C
T
G
G
G
G
G
A


T
C
A
G