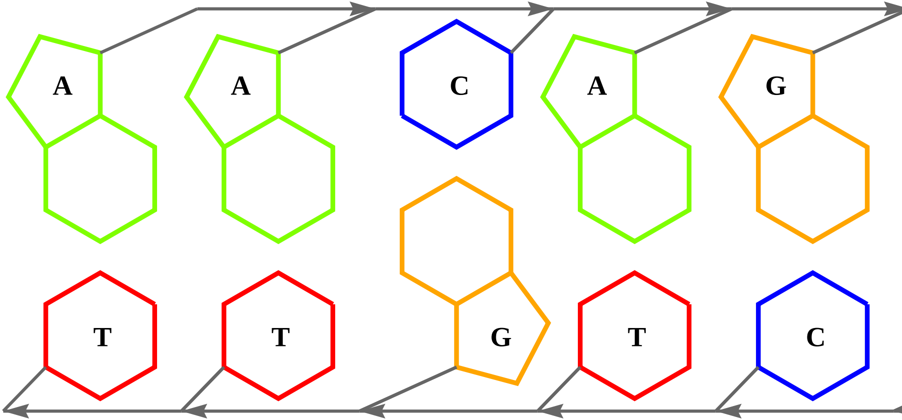
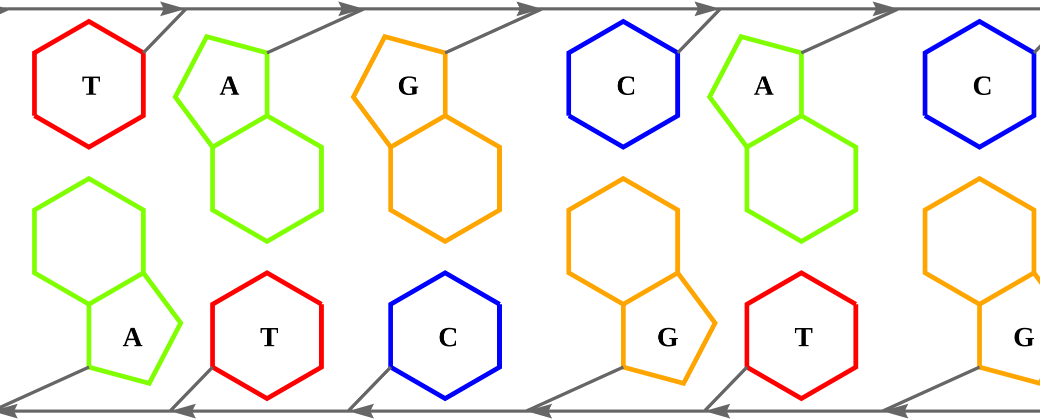
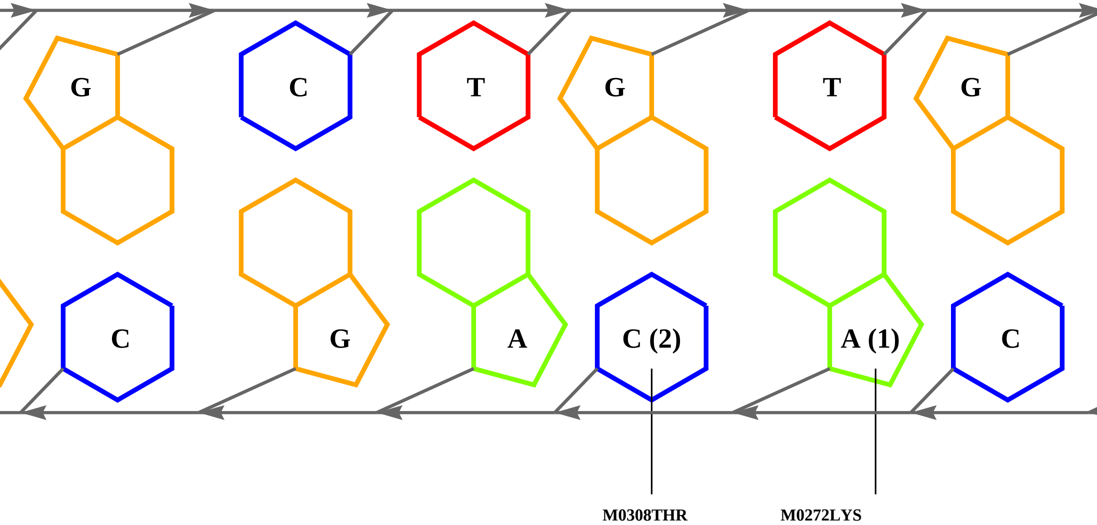
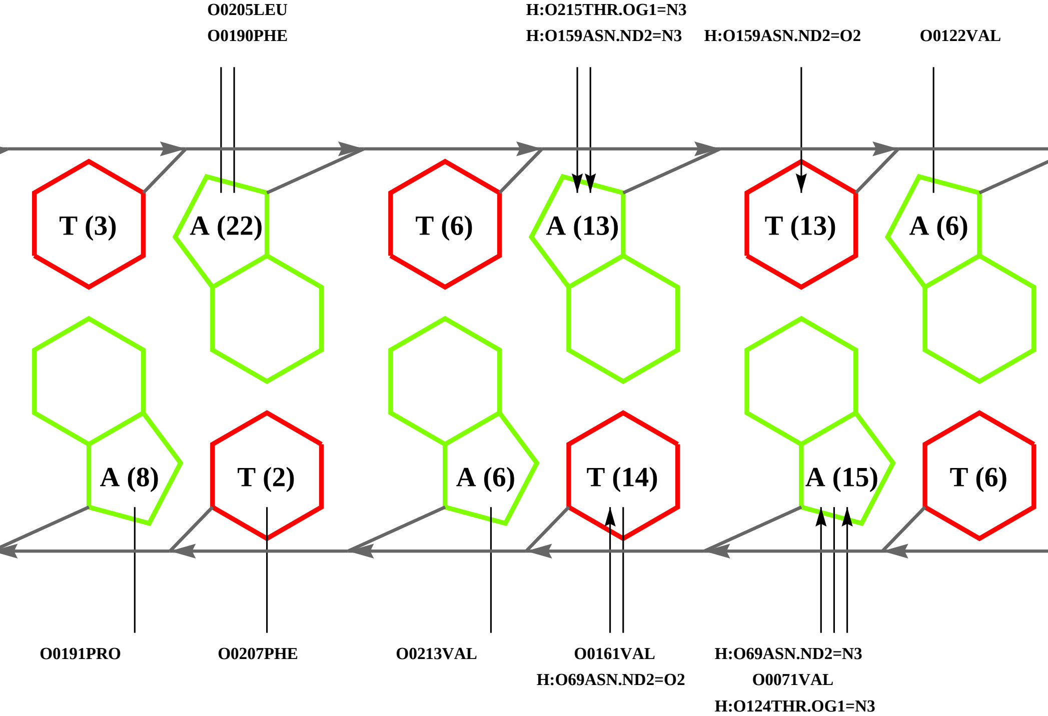
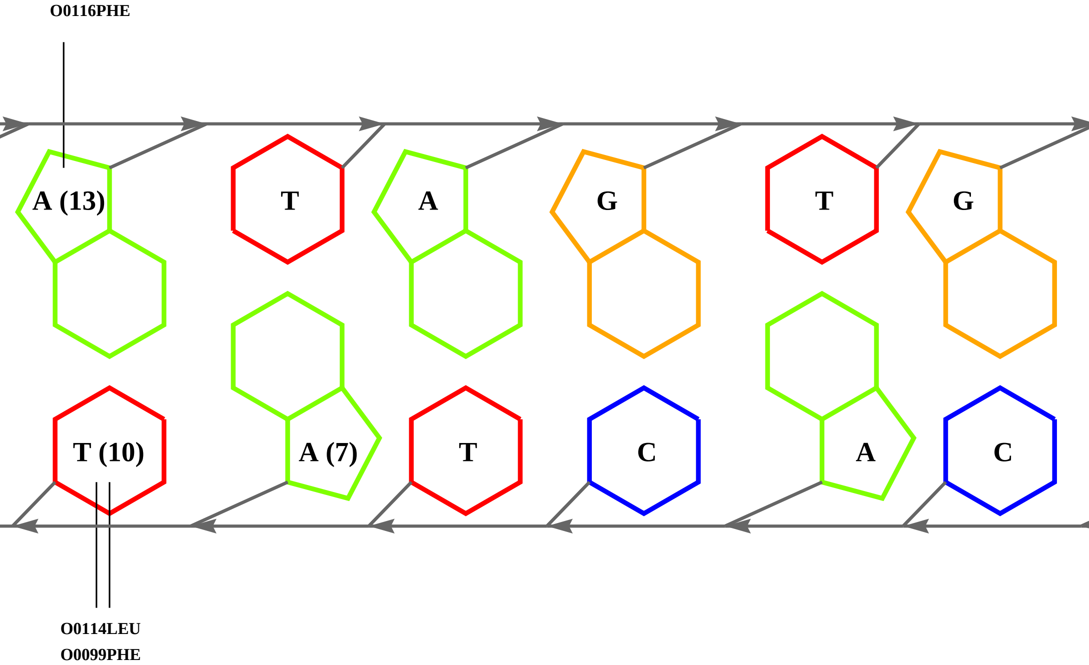
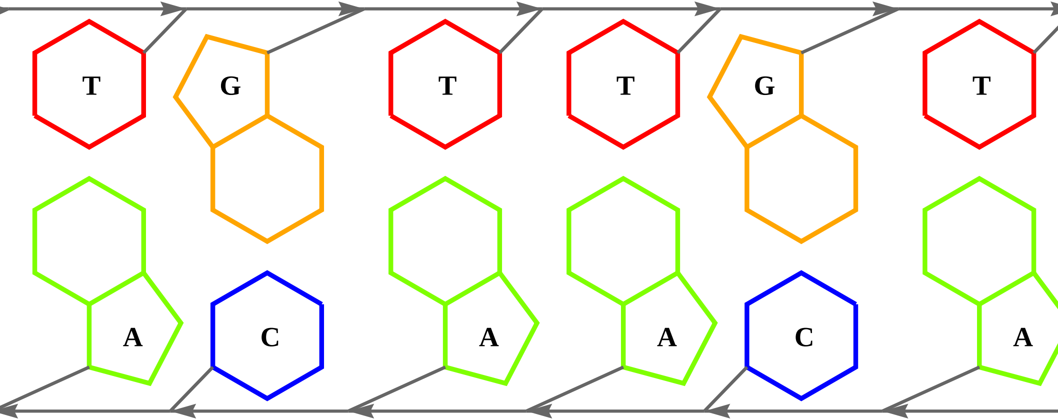

A
A
C
A
G
T
T
G
T
C

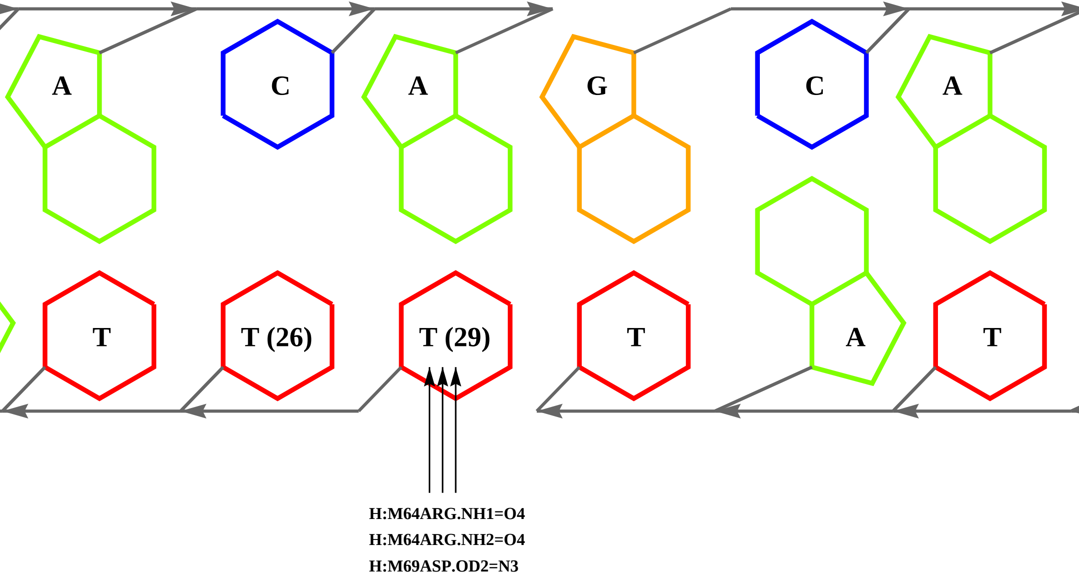

T
A
G
C
A
C
A
T
C
G
T
G

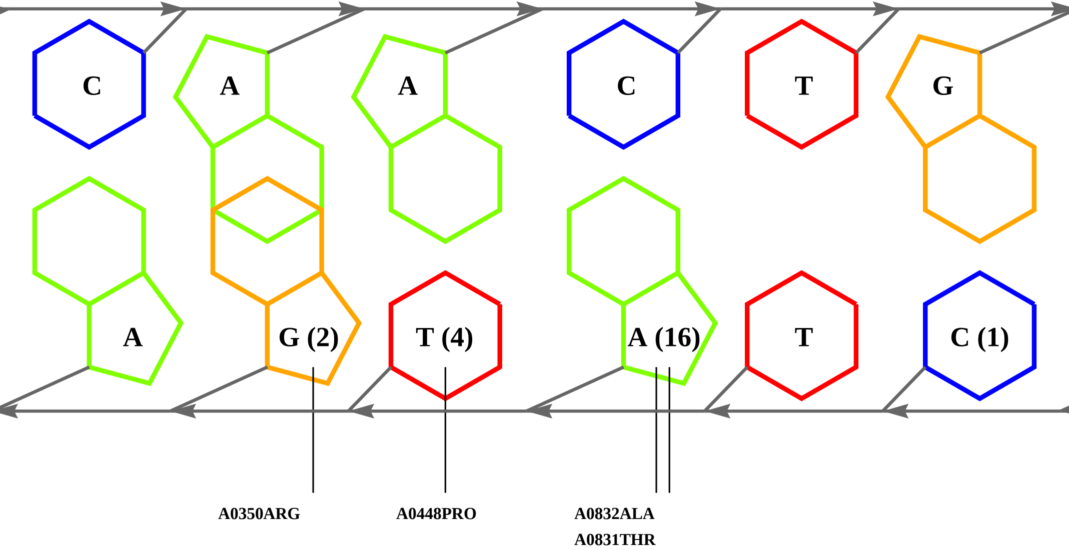

G
C
T
G
T
G
C
G
A
C (2)
A (1)
C
M0308THR
M0272LYS

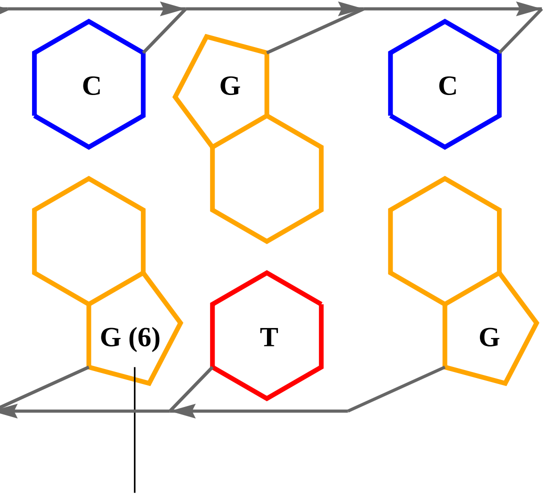

O0205LEU
O0190PHE
H:O215THR.OG1=N3
H:O159ASN.ND2=N3
H:O159ASN.ND2=O2
O0122VAL
T (3)
A (22)
T (6)
A (13)
T (13)
A (6)
A (8)
T (2)
A (6)
T (14)
A (15)
T (6)
O0191PRO
O0207PHE
O0213VAL
O0161VAL
H:O69ASN.ND2=O2
H:O69ASN.ND2=N3
O0071VAL
H:O124THR.OG1=N3


O0116PHE
A (13)
T
A
G
T
G
T (10)
A (7)
T
C
A
C
O0114LEU
O0099PHE


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


A
C
A
G
C
A
T
T (26)
T (29)
T
A
T
H:M64ARG.NH1=O4
H:M64ARG.NH2=O4
H:M69ASP.OD2=N3


C
A
A
C
T
G
A
G (2)
T (4)
A (16)
T
C (1)
A0350ARG
A0448PRO
A0832ALA
A0831THR


C
G
C
G (6)
T
G
A1386ARG