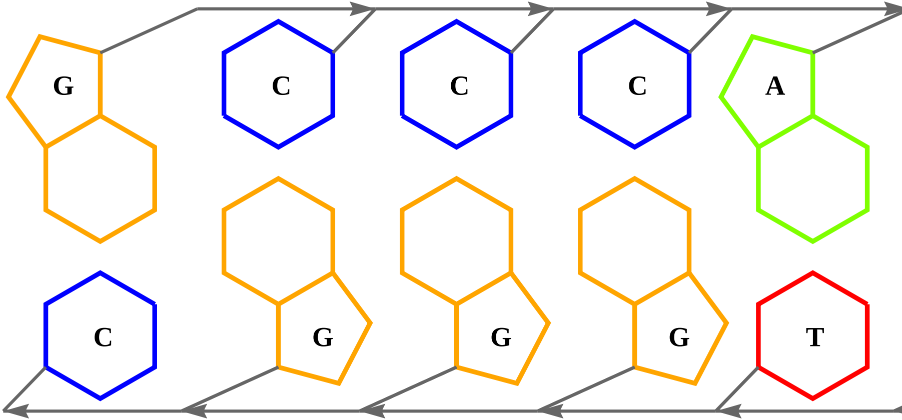
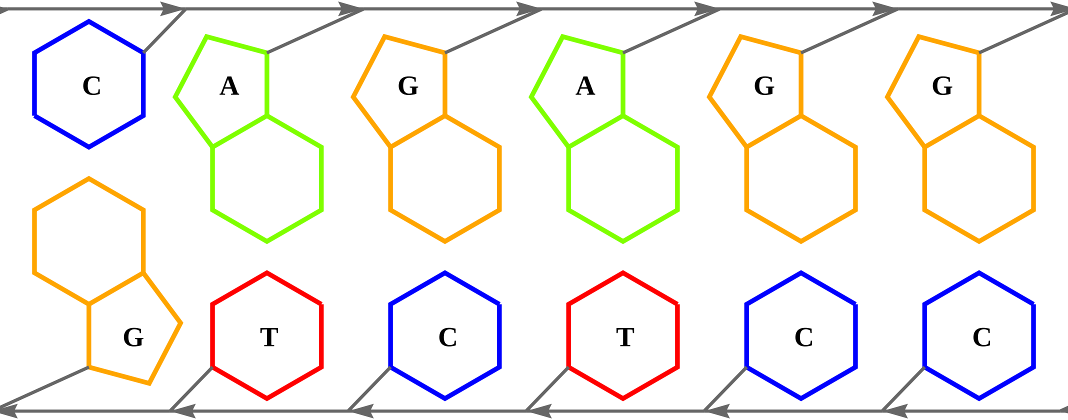
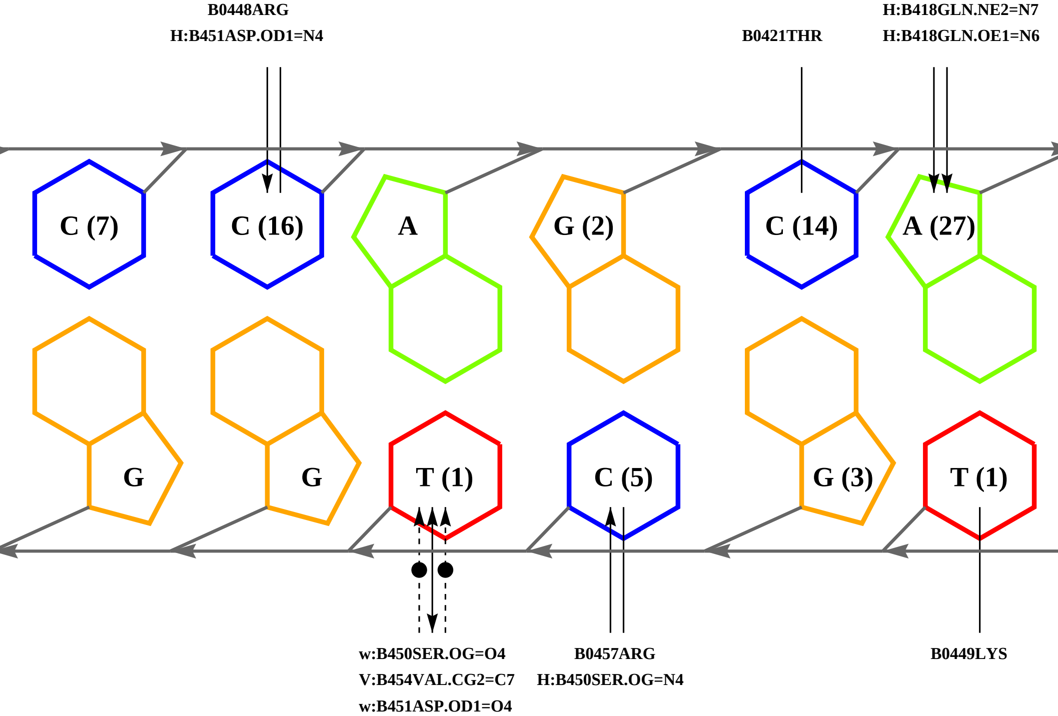
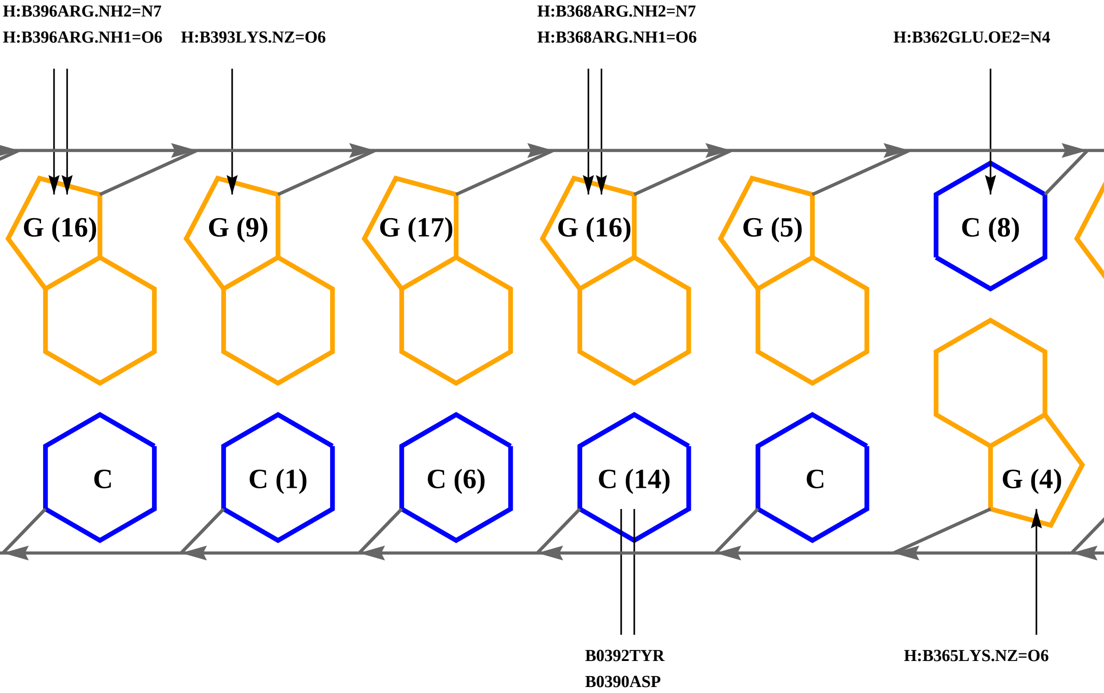
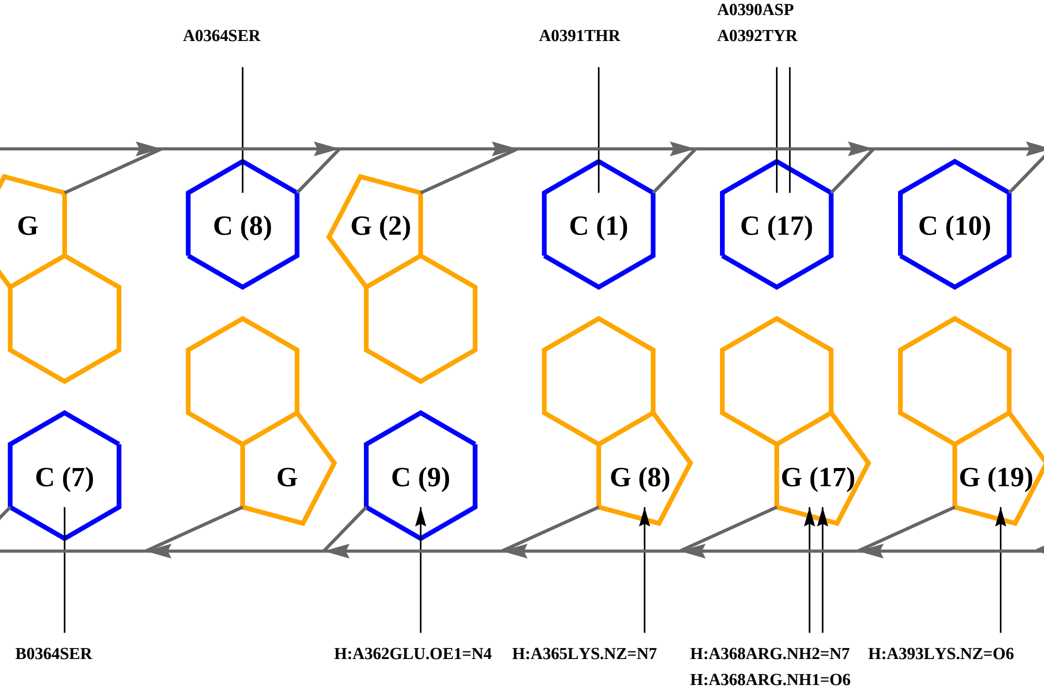
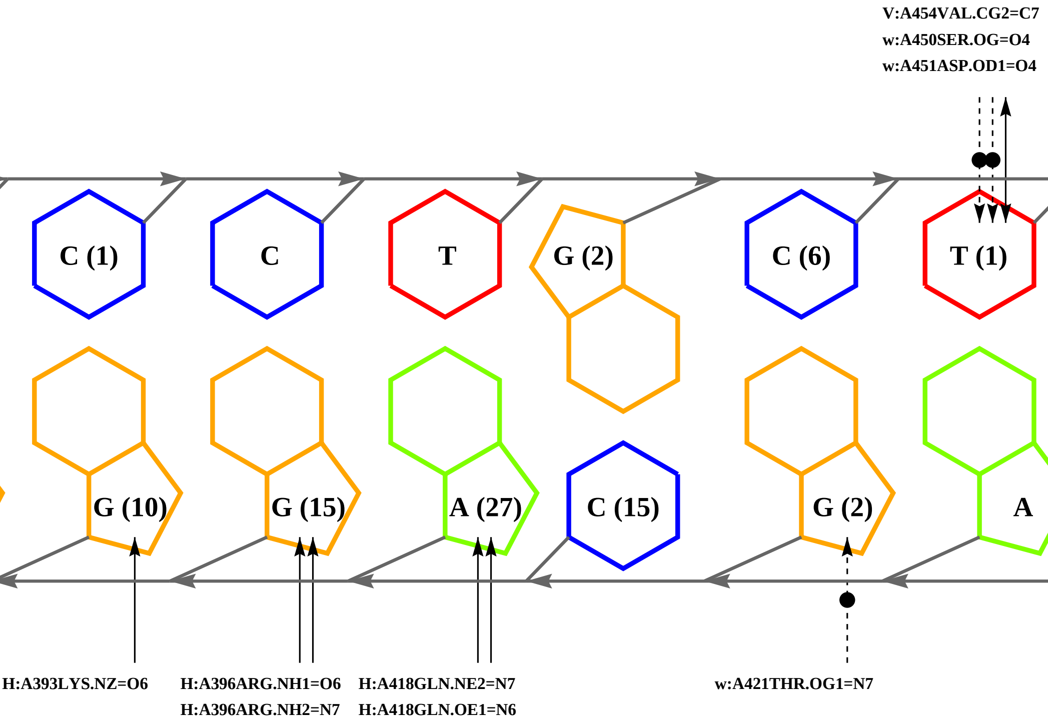

G
C
C
C
A
C
G
G
G
T

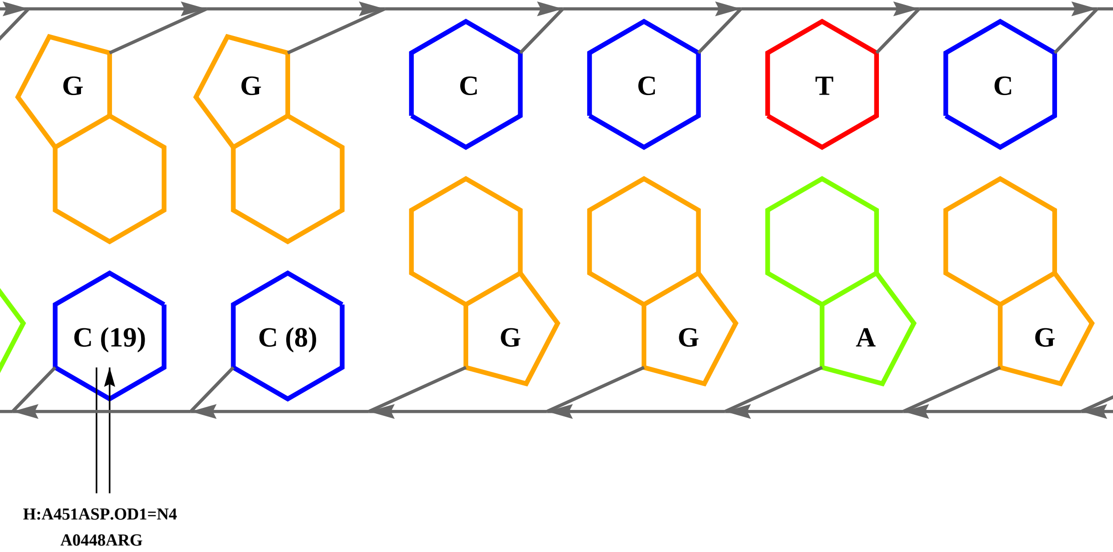

C
A
G
A
G
G
G
T
C
T
C
C


B0448ARG
H:B451ASP.OD1=N4
B0421THR
H:B418GLN.NE2=N7
H:B418GLN.OE1=N6
C (7)
C (16)
A
G (2)
C (14)
A (27)
G
G
T (1)
C (5)
G (3)
T (1)
w:B450SER.OG=O4
V:B454VAL.CG2=C7
w:B451ASP.OD1=O4
B0457ARG
H:B450SER.OG=N4
B0449LYS

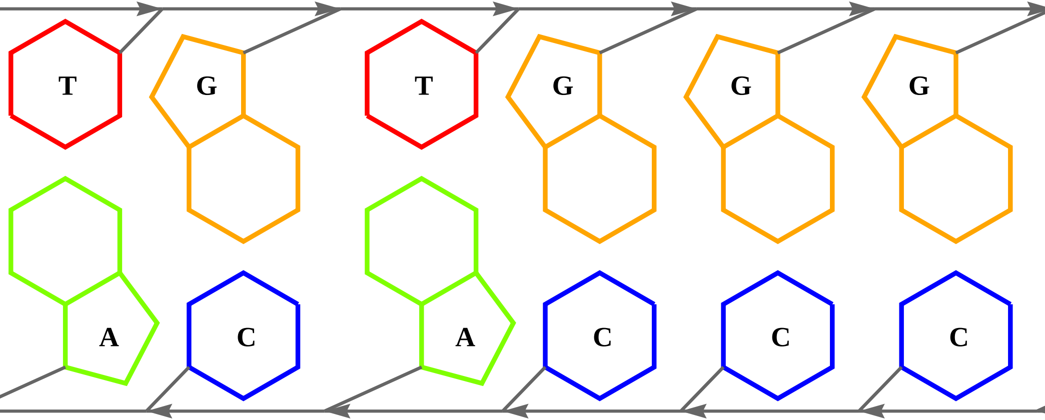

H:B396ARG.NH2=N7
H:B396ARG.NH1=O6
H:B393LYS.NZ=O6
H:B368ARG.NH2=N7
H:B368ARG.NH1=O6
H:B362GLU.OE2=N4
G (16)
G (9)
G (17)
G (16)
G (5)
C (8)
C
C (1)
C (6)
C (14)
C
G (4)
B0392TYR
B0390ASP
H:B365LYS.NZ=O6

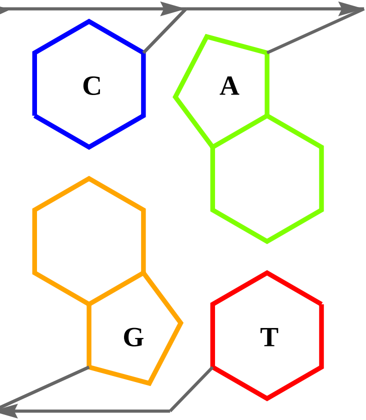

A0390ASP
A0364SER
A0391THR
A0392TYR
G
C (8)
G (2)
C (1)
C (17)
C (10)
C (7)
G
C (9)
G (8)
G (17)
G (19)
B0364SER
H:A362GLU.OE1=N4
H:A365LYS.NZ=N7
H:A368ARG.NH2=N7
H:A368ARG.NH1=O6
H:A393LYS.NZ=O6


V:A454VAL.CG2=C7
w:A450SER.OG=O4
w:A451ASP.OD1=O4
C (1)
C
T
G (2)
C (6)
T (1)
G (10)
G (15)
A (27)
C (15)
G (2)
A
H:A393LYS.NZ=O6
H:A396ARG.NH1=O6
H:A396ARG.NH2=N7
H:A418GLN.NE2=N7
H:A418GLN.OE1=N6
w:A421THR.OG1=N7



G
G
C
C
T
C
C (19)
C (8)
G
G
A
G
H:A451ASP.OD1=N4
A0448ARG


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


C
A
G
T