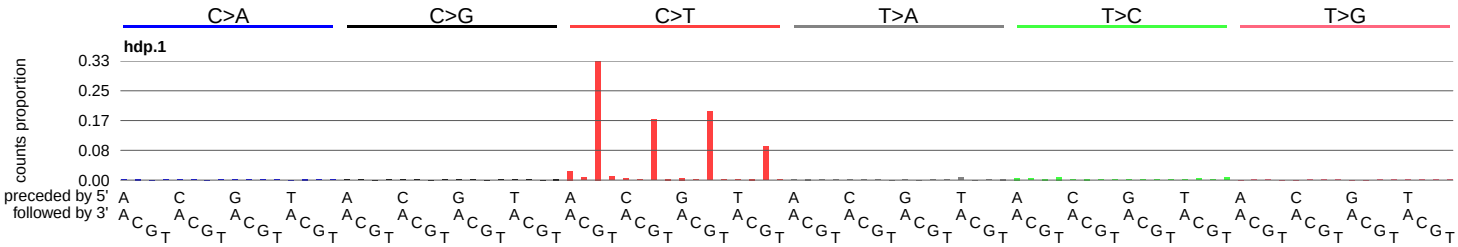
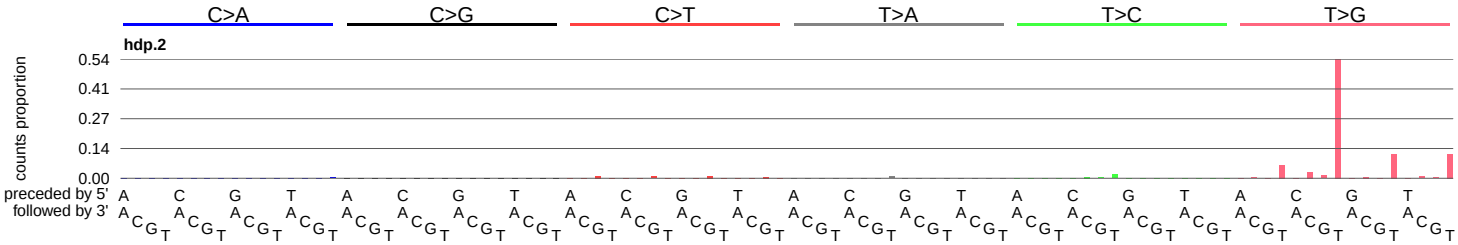
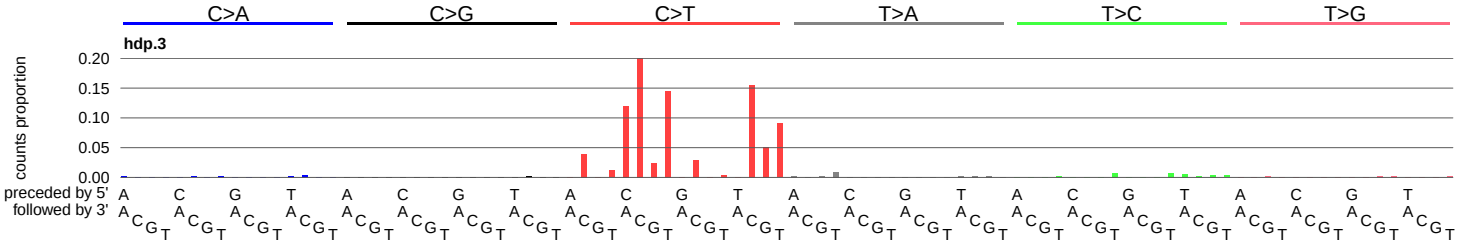
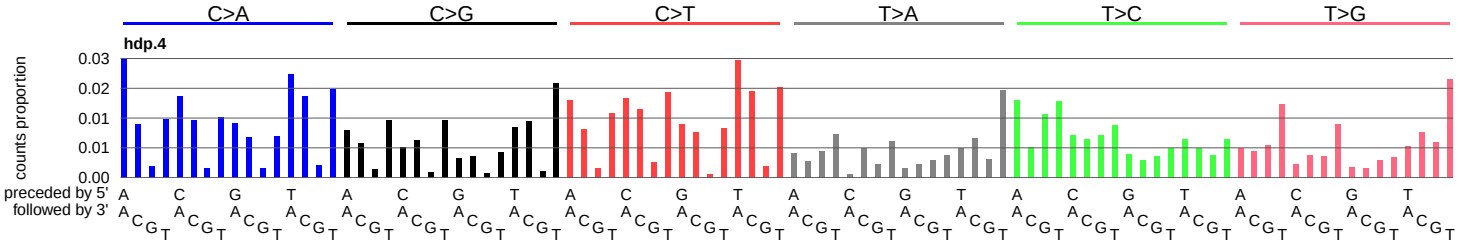
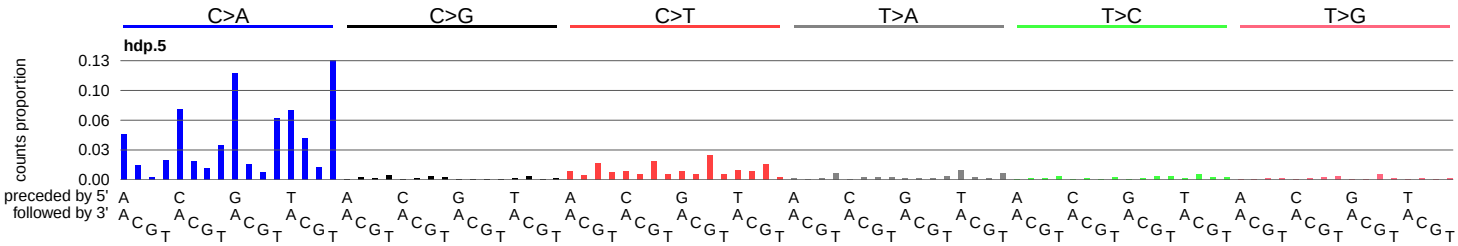
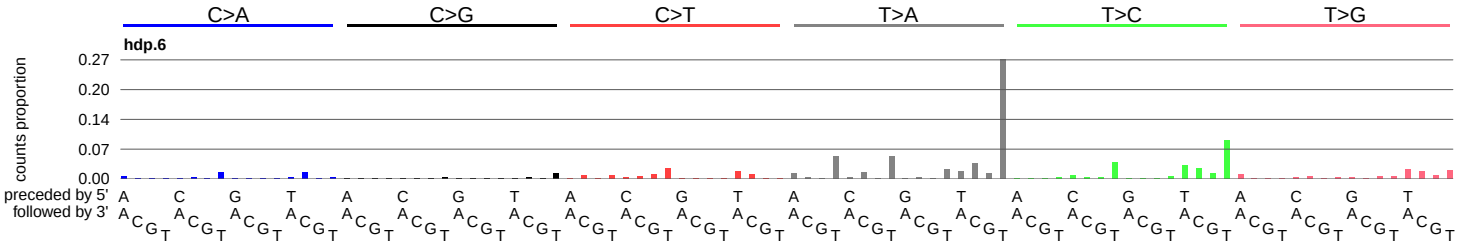

C>A
C>G
C>T
T>A
T>C
T>G
hdp.1
counts proportion
0.33
0.25
0.17
0.08
0.00
preceded by 5'
followed by 3'

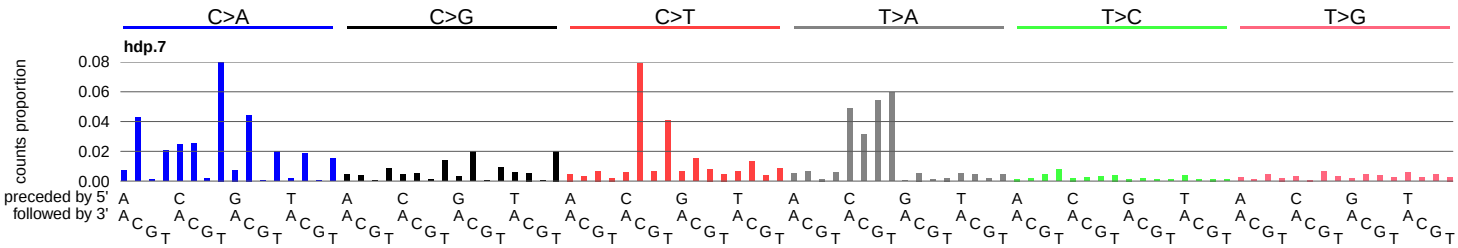

C>A
C>G
C>T
T>A
T>C
T>G
hdp.2
counts proportion
0.54
0.41
0.27
0.14
0.00
preceded by 5'
followed by 3'

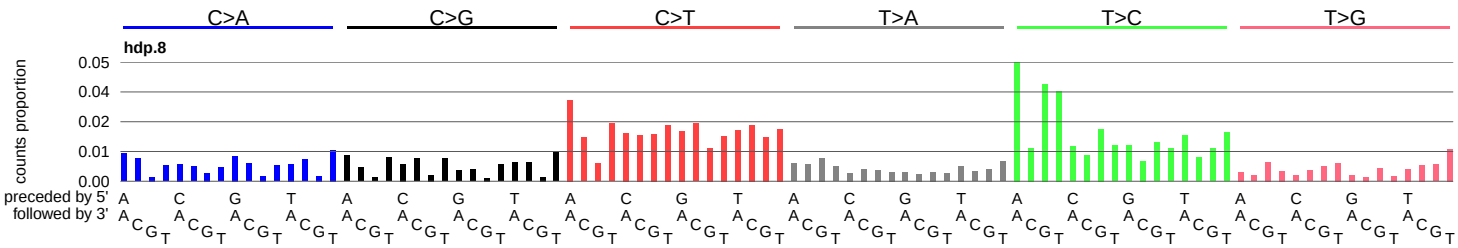

C>A
C>G
C>T
T>A
T>C
T>G
hdp.3
counts proportion
0.20
0.15
0.10
0.05
0.00
preceded by 5'
followed by 3'

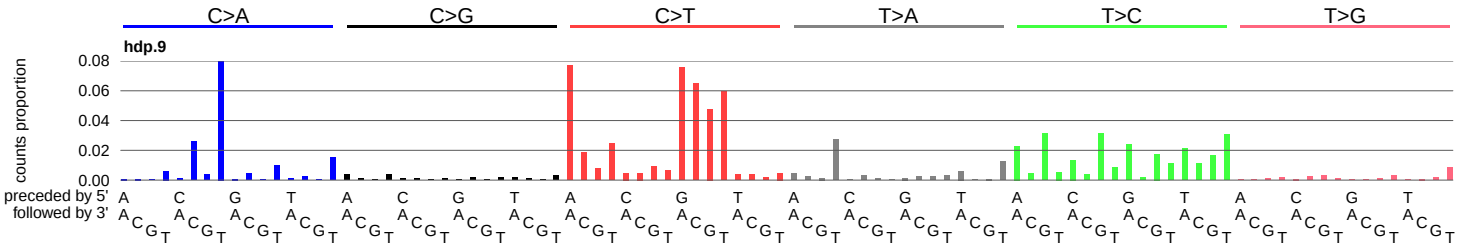

C>A
C>G
C>T
T>A
T>C
T>G
hdp.4
counts proportion
0.03
0.02
0.01
0.01
0.00
preceded by 5'
followed by 3'

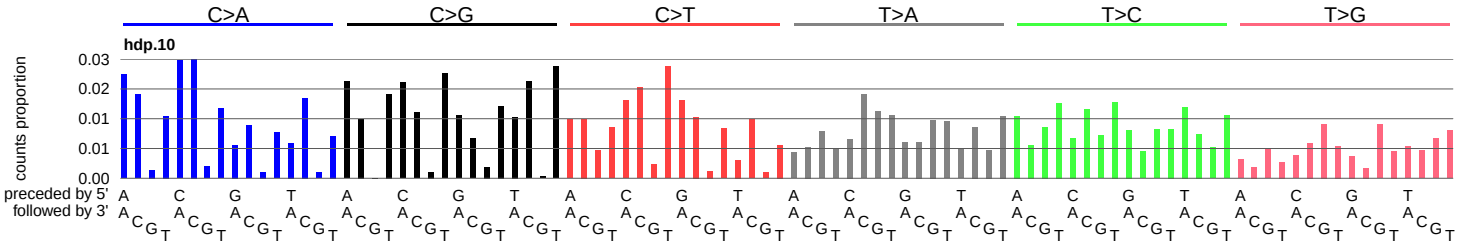

C>A
C>G
C>T
T>A
T>C
T>G
hdp.5
counts proportion
0.13
0.10
0.06
0.03
0.00
preceded by 5'
followed by 3'

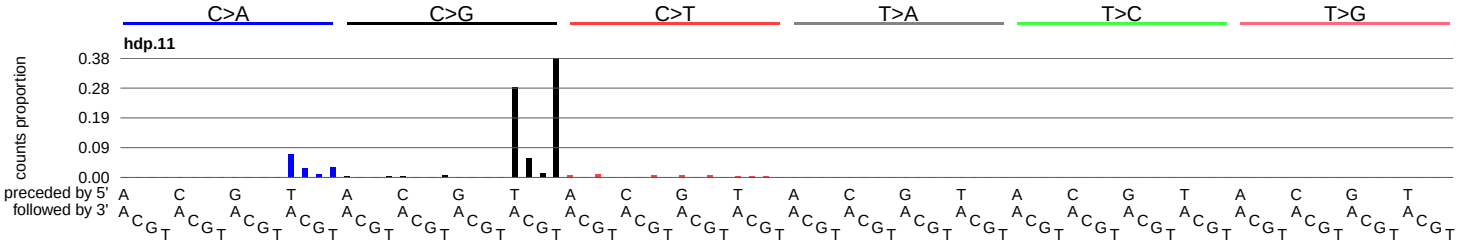

C>A
C>G
C>T
T>A
T>C
T>G
hdp.6
counts proportion
0.27
0.20
0.14
0.07
0.00
preceded by 5'
followed by 3'

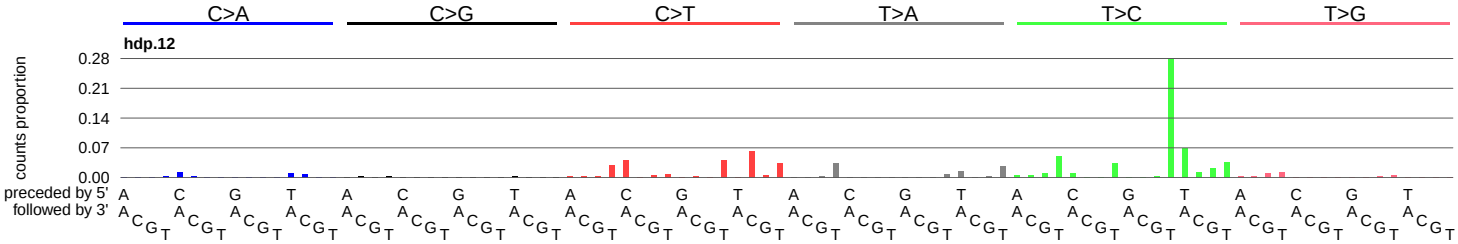

C>A
C>G
C>T
T>A
T>C
T>G
hdp.7
counts proportion
0.08
0.06
0.04
0.02
0.00
preceded by 5'
followed by 3'

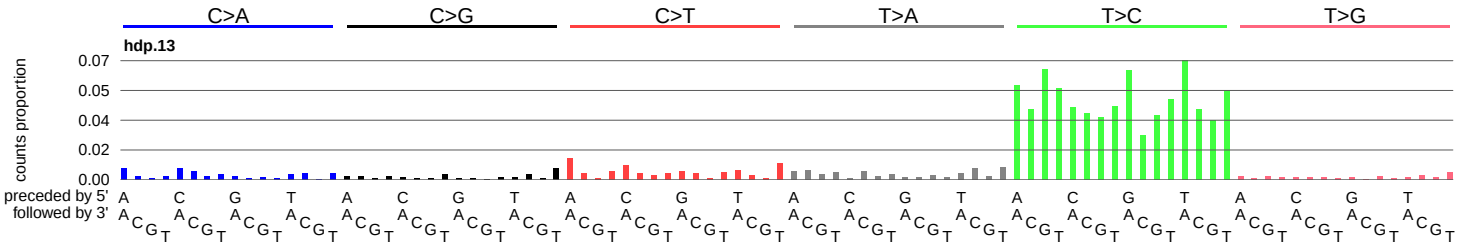

C>A
C>G
C>T
T>A
T>C
T>G
hdp.8
counts proportion
0.05
0.04
0.02
0.01
0.00
preceded by 5'
followed by 3'

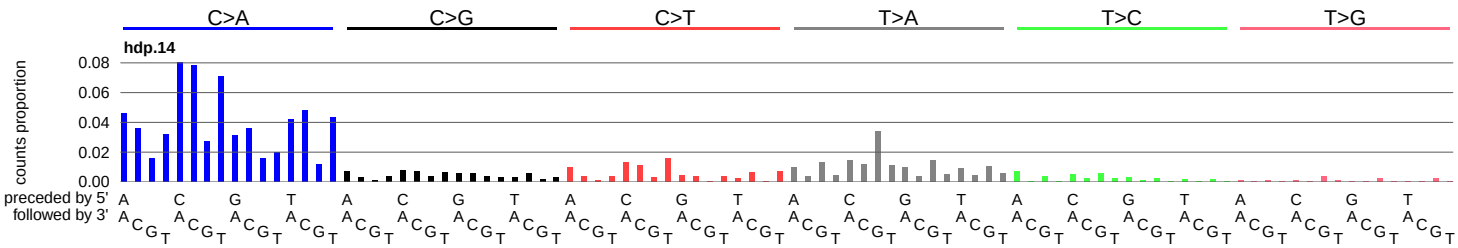

C>A
C>G
C>T
T>A
T>C
T>G
hdp.9
counts proportion
0.08
0.06
0.04
0.02
0.00
preceded by 5'
followed by 3'

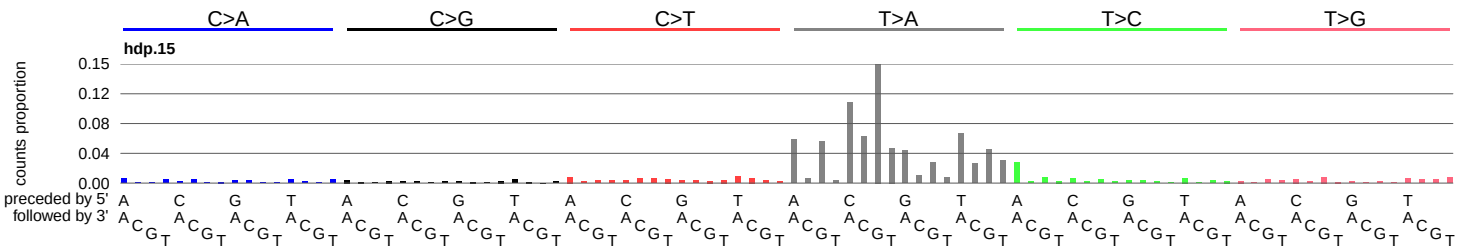

C>A
C>G
C>T
T>A
T>C
T>G
hdp.10
counts proportion
0.03
0.02
0.01
0.01
0.00
preceded by 5'
followed by 3'

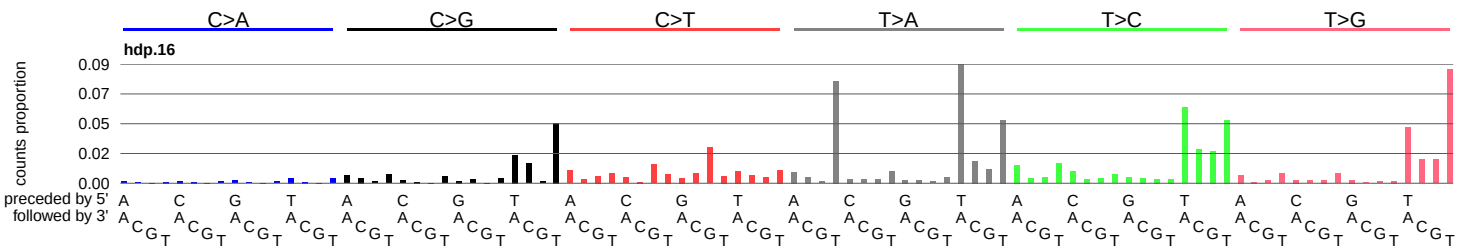

C>A
C>G
C>T
T>A
T>C
T>G
hdp.11
counts proportion
0.38
0.28
0.19
0.09
0.00
preceded by 5'
followed by 3'

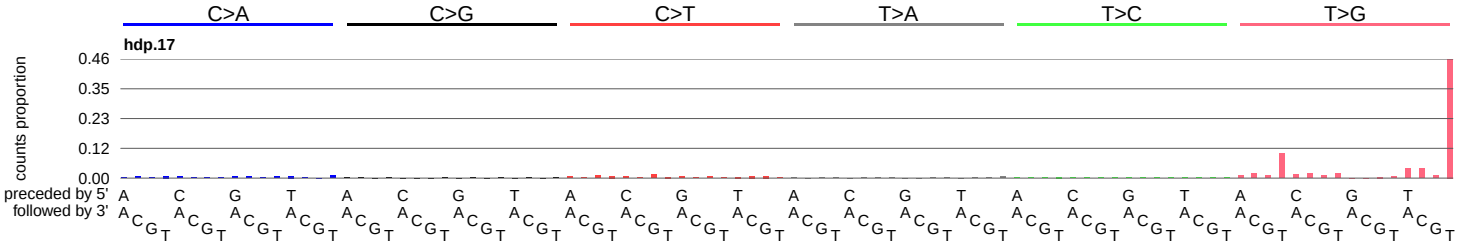

C>A
C>G
C>T
T>A
T>C
T>G
hdp.12
counts proportion
0.28
0.21
0.14
0.07
0.00
preceded by 5'
followed by 3'

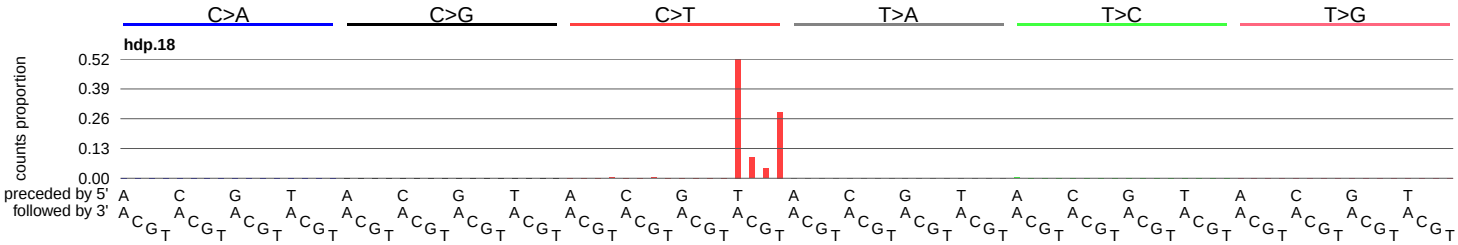

C>A
C>G
C>T
T>A
T>C
T>G
hdp.13
counts proportion
0.07
0.05
0.04
0.02
0.00
preceded by 5'
followed by 3'

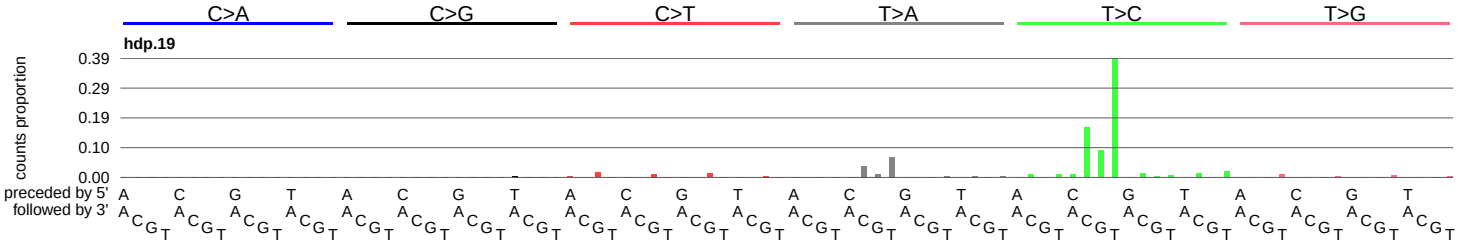

C>A
C>G
C>T
T>A
T>C
T>G
hdp.14
counts proportion
0.08
0.06
0.04
0.02
0.00
preceded by 5'
followed by 3'

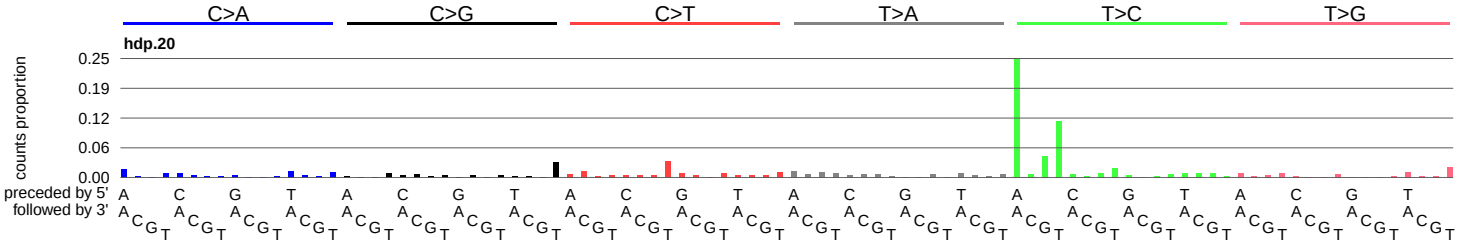

C>A
C>G
C>T
T>A
T>C
T>G
hdp.15
counts proportion
0.15
0.12
0.08
0.04
0.00
preceded by 5'
followed by 3'

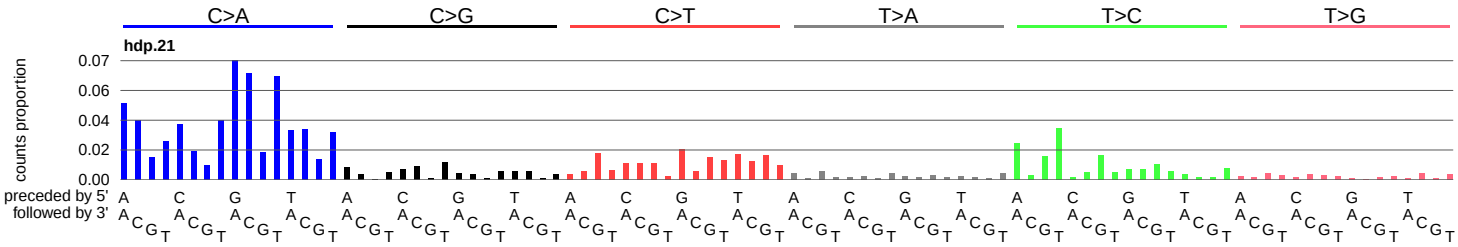

C>A
C>G
C>T
T>A
T>C
T>G
hdp.16
counts proportion
0.09
0.07
0.05
0.02
0.00
preceded by 5'
followed by 3'


C>A
C>G
C>T
T>A
T>C
T>G
hdp.17
counts proportion
0.46
0.35
0.23
0.12
0.00
preceded by 5'
followed by 3'


C>A
C>G
C>T
T>A
T>C
T>G
hdp.18
counts proportion
0.52
0.39
0.26
0.13
0.00
preceded by 5'
followed by 3'


C>A
C>G
C>T
T>A
T>C
T>G
hdp.19
counts proportion
0.39
0.29
0.19
0.10
0.00
preceded by 5'
followed by 3'


C>A
C>G
C>T
T>A
T>C
T>G
hdp.20
counts proportion
0.25
0.19
0.12
0.06
0.00
preceded by 5'
followed by 3'


C>A
C>G
C>T
T>A
T>C
T>G
hdp.21
counts proportion
0.07
0.06
0.04
0.02
0.00
preceded by 5'
followed by 3'