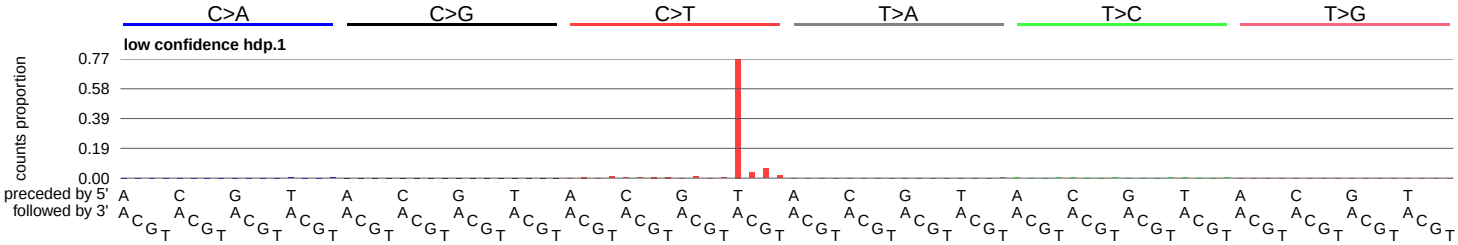
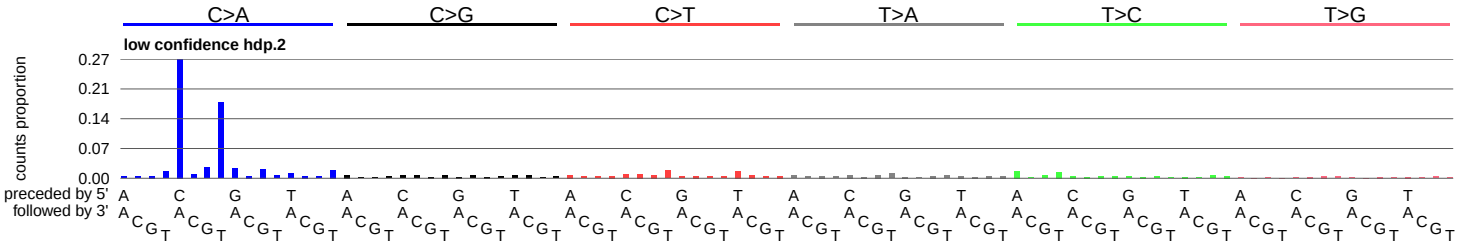
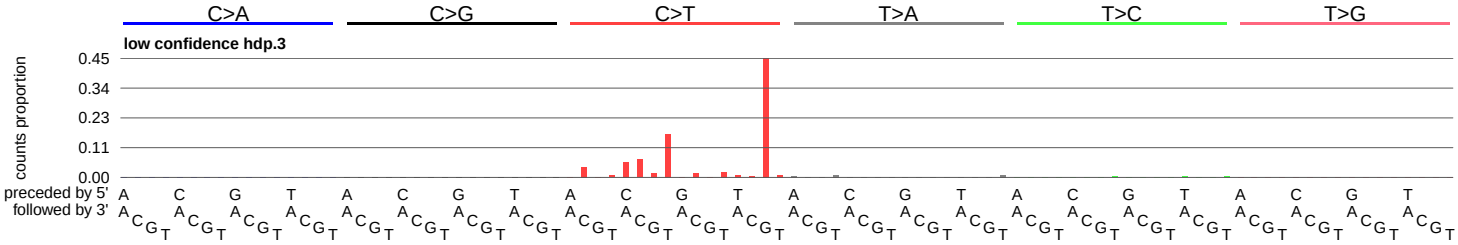
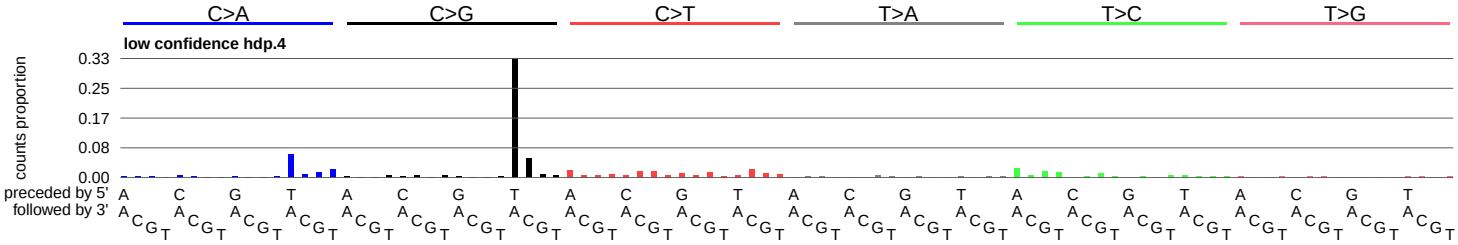
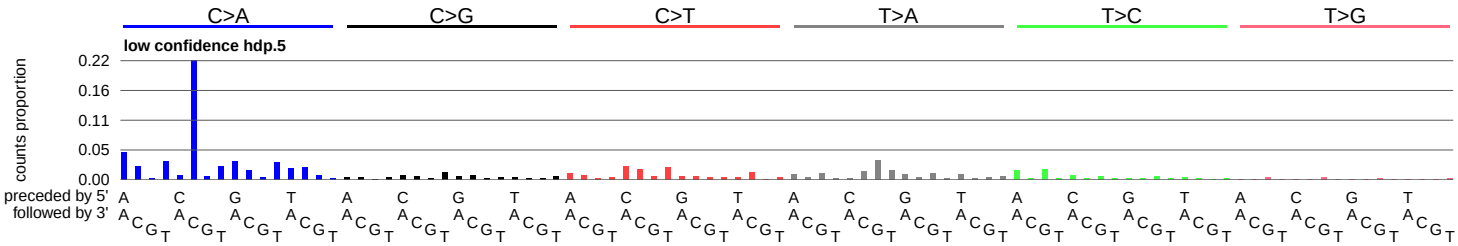
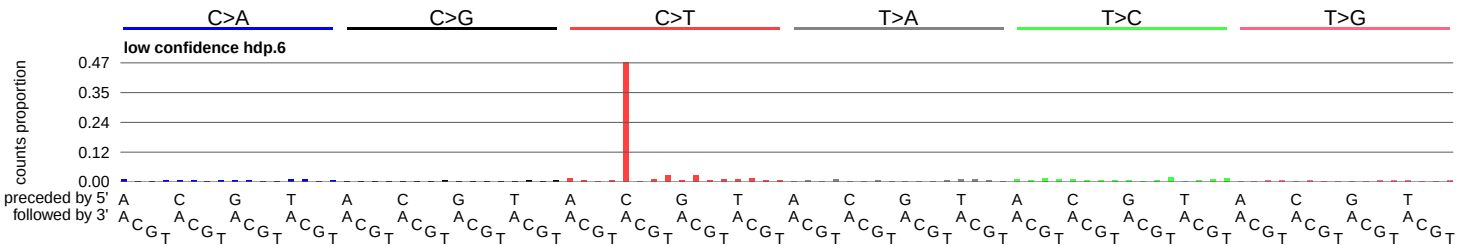

C>A
C>G
C>T
T>A
T>C
T>G
low confidence hdp.1
counts proportion
0.77
0.58
0.39
0.19
0.00
preceded by 5'
followed by 3'

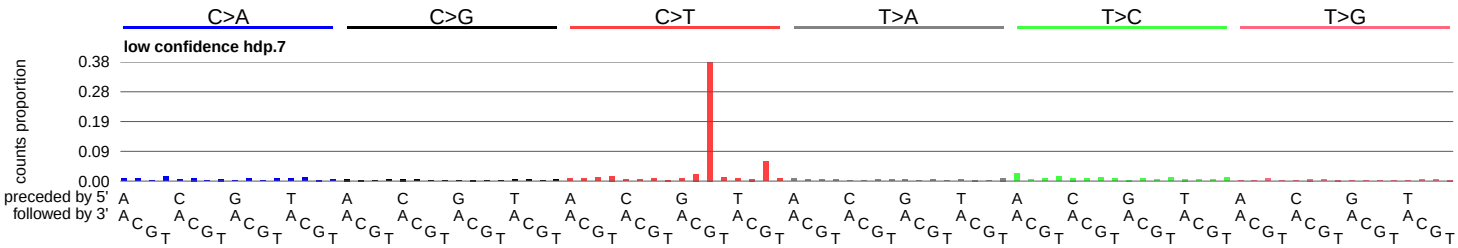

C>A
C>G
C>T
T>A
T>C
T>G
low confidence hdp.2
counts proportion
0.27
0.21
0.14
0.07
0.00
preceded by 5'
followed by 3'

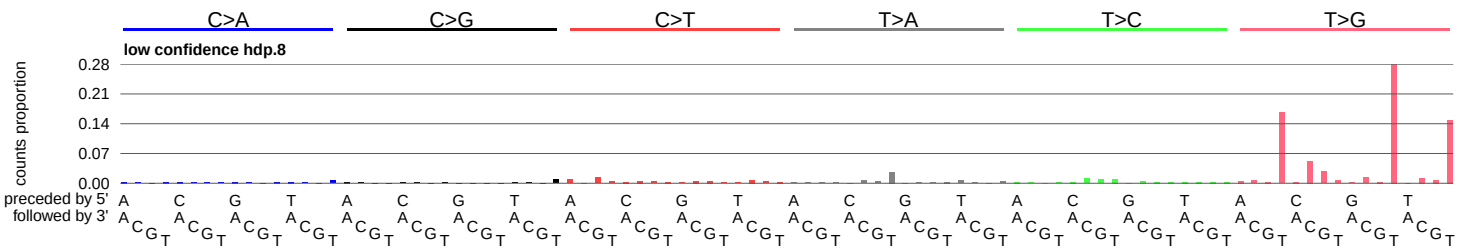

C>A
C>G
C>T
T>A
T>C
T>G
low confidence hdp.3
counts proportion
0.45
0.34
0.23
0.11
0.00
preceded by 5'
followed by 3'

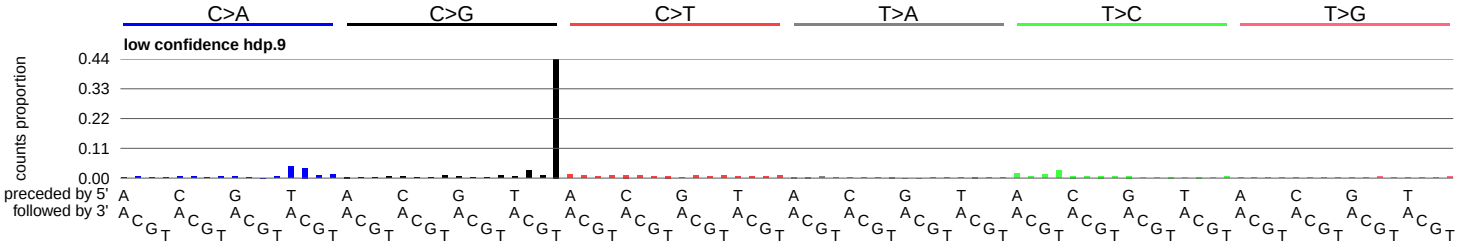

C>A
C>G
C>T
T>A
T>C
T>G
low confidence hdp.4
counts proportion
0.33
0.25
0.17
0.08
0.00
preceded by 5'
followed by 3'

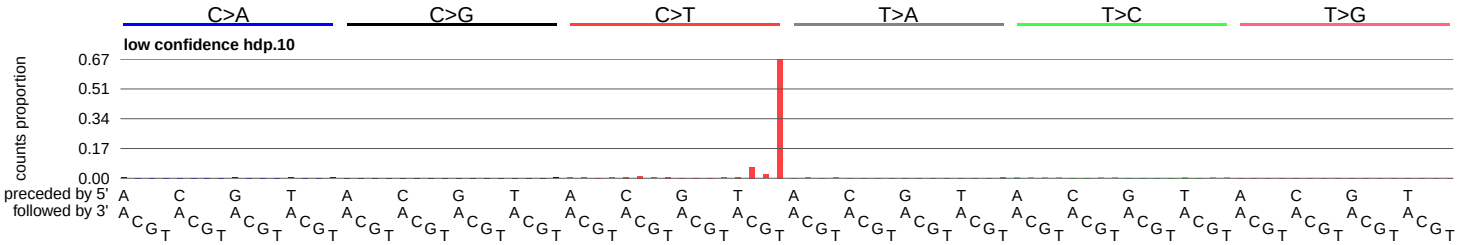

C>A
C>G
C>T
T>A
T>C
T>G
low confidence hdp.5
counts proportion
0.22
0.16
0.11
0.05
0.00
preceded by 5'
followed by 3'

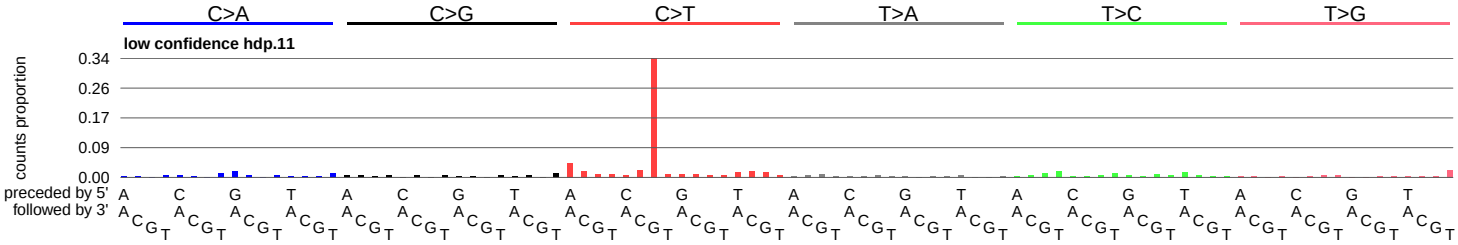

C>A
C>G
C>T
T>A
T>C
T>G
low confidence hdp.6
counts proportion
0.47
0.35
0.24
0.12
0.00
preceded by 5'
followed by 3'

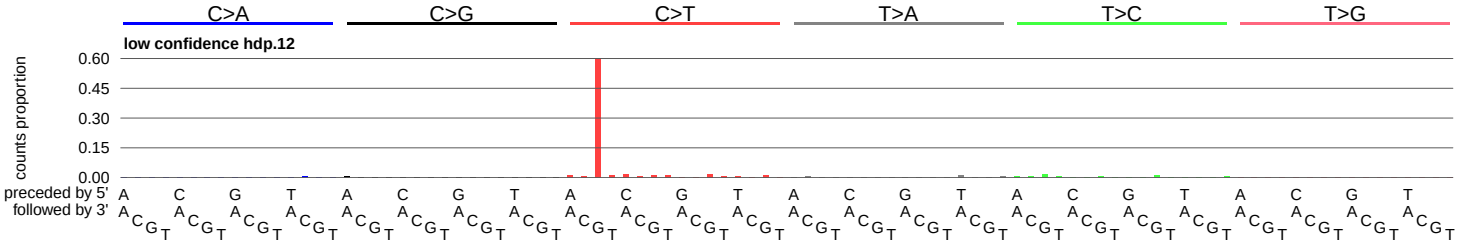

C>A
C>G
C>T
T>A
T>C
T>G
low confidence hdp.7
counts proportion
0.38
0.28
0.19
0.09
0.00
preceded by 5'
followed by 3'

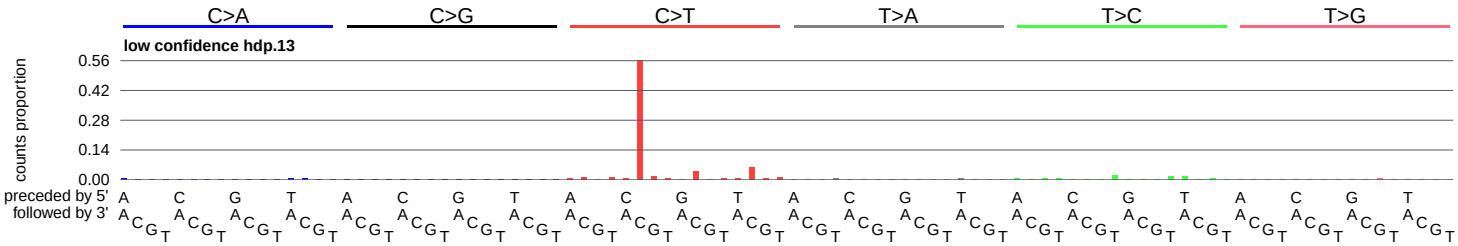

C>A
C>G
C>T
T>A
T>C
T>G
low confidence hdp.8
counts proportion
0.28
0.21
0.14
0.07
0.00
preceded by 5'
followed by 3'

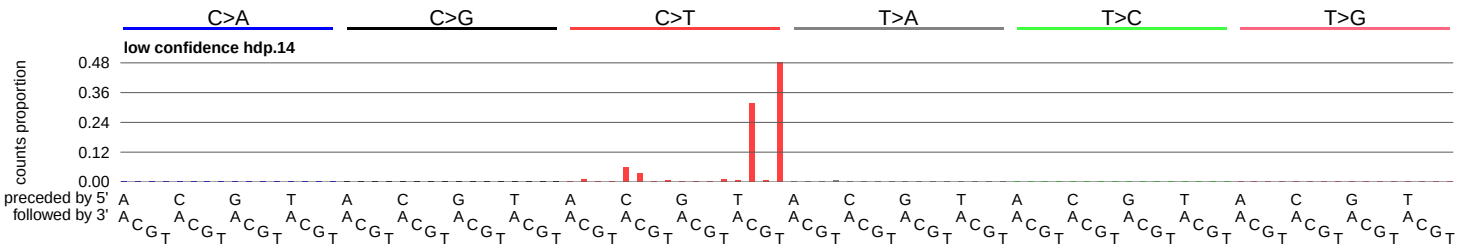

C>A
C>G
C>T
T>A
T>C
T>G
low confidence hdp.9
counts proportion
0.44
0.33
0.22
0.11
0.00
preceded by 5'
followed by 3'

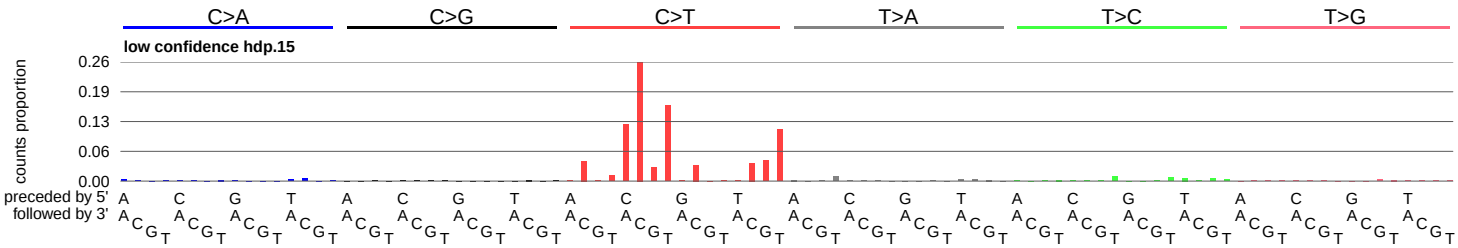

C>A
C>G
C>T
T>A
T>C
T>G
low confidence hdp.10
counts proportion
0.67
0.51
0.34
0.17
0.00
preceded by 5'
followed by 3'

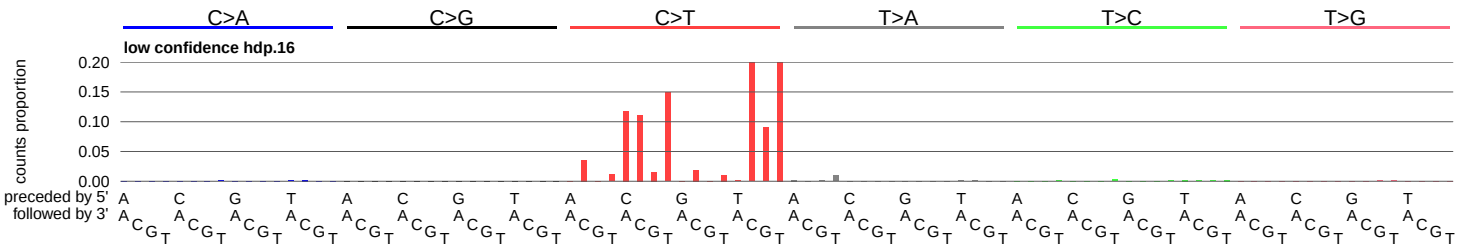

C>A
C>G
C>T
T>A
T>C
T>G
low confidence hdp.11
counts proportion
0.34
0.26
0.17
0.09
0.00
preceded by 5'
followed by 3'

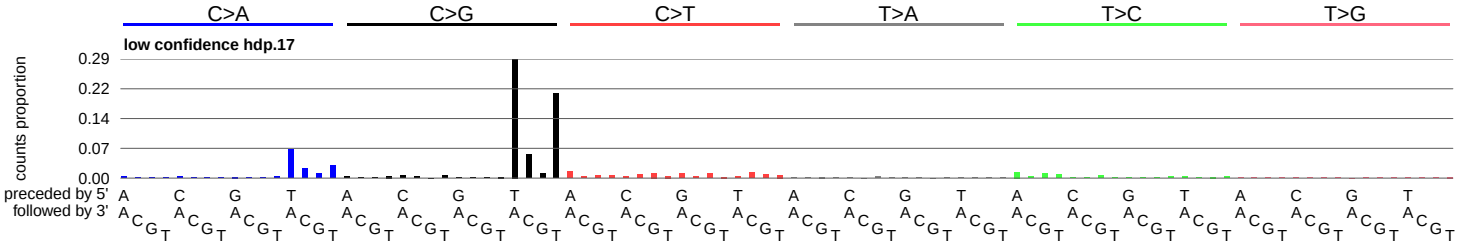

C>A
C>G
C>T
T>A
T>C
T>G
low confidence hdp.12
counts proportion
0.60
0.45
0.30
0.15
0.00
preceded by 5'
followed by 3'

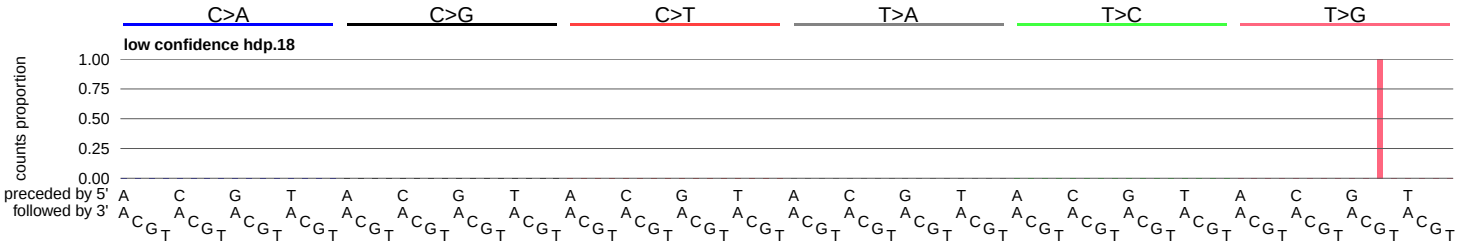

C>A
C>G
C>T
T>A
T>C
T>G
low confidence hdp.13
counts proportion
0.56
0.42
0.28
0.14
0.00
preceded by 5'
followed by 3'

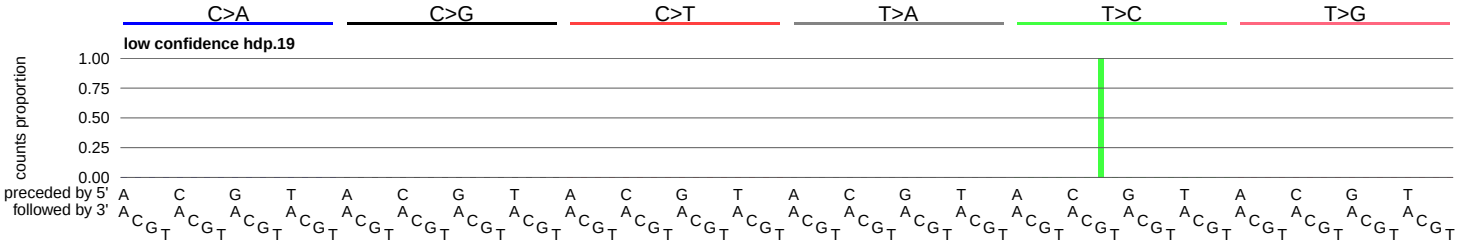

C>A
C>G
C>T
T>A
T>C
T>G
low confidence hdp.14
counts proportion
0.48
0.36
0.24
0.12
0.00
preceded by 5'
followed by 3'

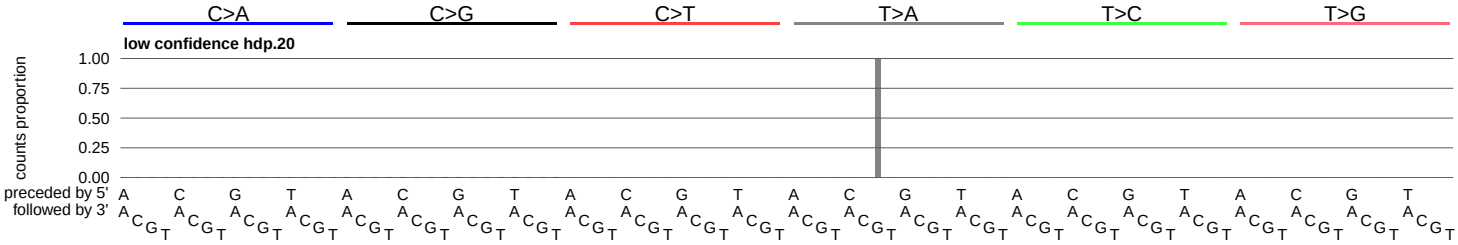

C>A
C>G
C>T
T>A
T>C
T>G
low confidence hdp.15
counts proportion
0.26
0.19
0.13
0.06
0.00
preceded by 5'
followed by 3'

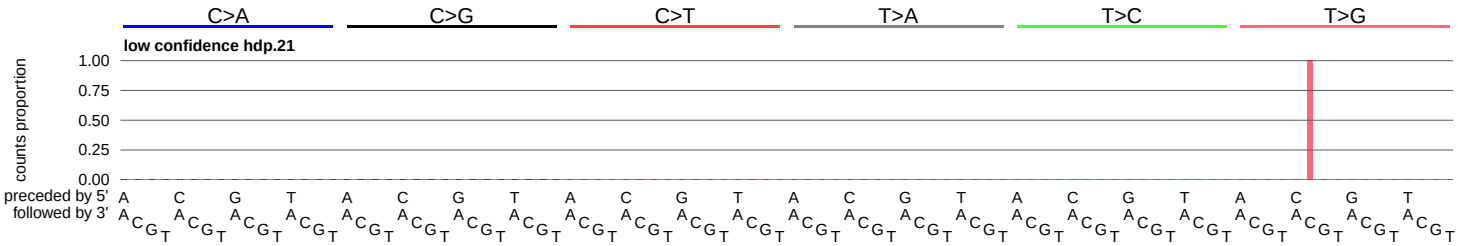

C>A
C>G
C>T
T>A
T>C
T>G
low confidence hdp.16
counts proportion
0.20
0.15
0.10
0.05
0.00
preceded by 5'
followed by 3'

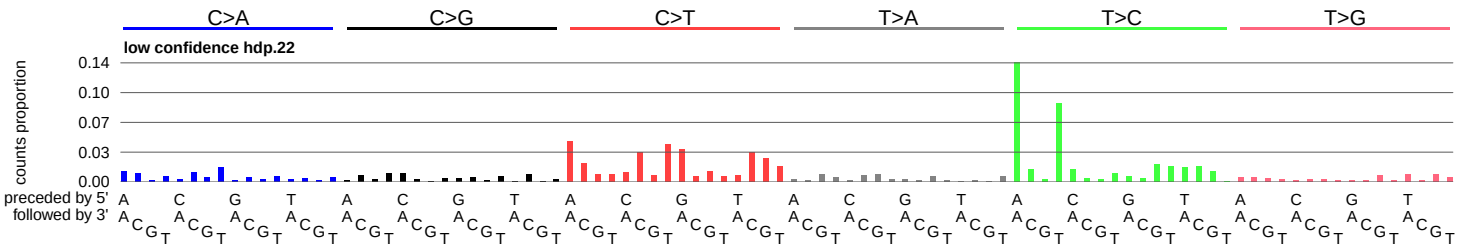

C>A
C>G
C>T
T>A
T>C
T>G
low confidence hdp.17
counts proportion
0.29
0.22
0.14
0.07
0.00
preceded by 5'
followed by 3'

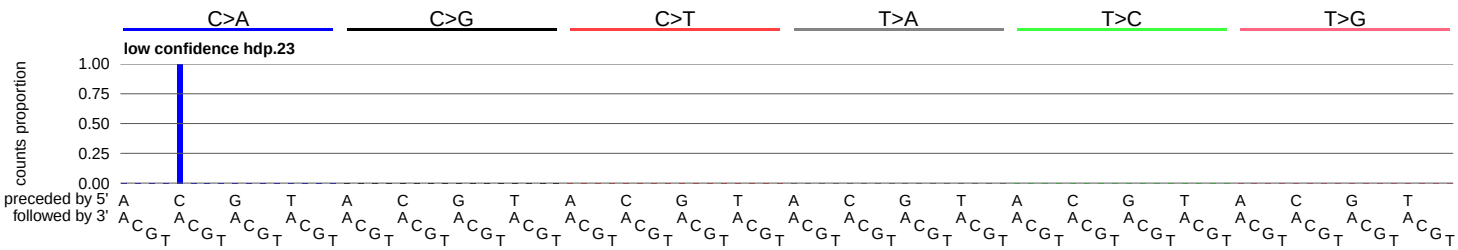

C>A
C>G
C>T
T>A
T>C
T>G
low confidence hdp.18
counts proportion
1.00
0.75
0.50
0.25
0.00
preceded by 5'
followed by 3'

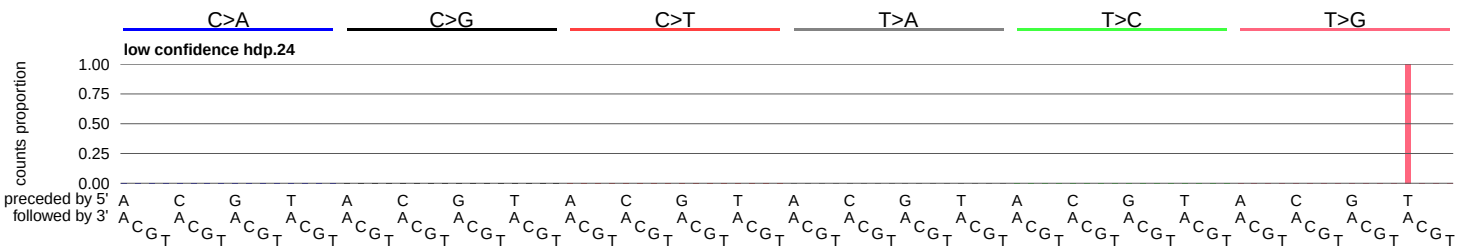

C>A
C>G
C>T
T>A
T>C
T>G
low confidence hdp.19
counts proportion
1.00
0.75
0.50
0.25
0.00
preceded by 5'
followed by 3'

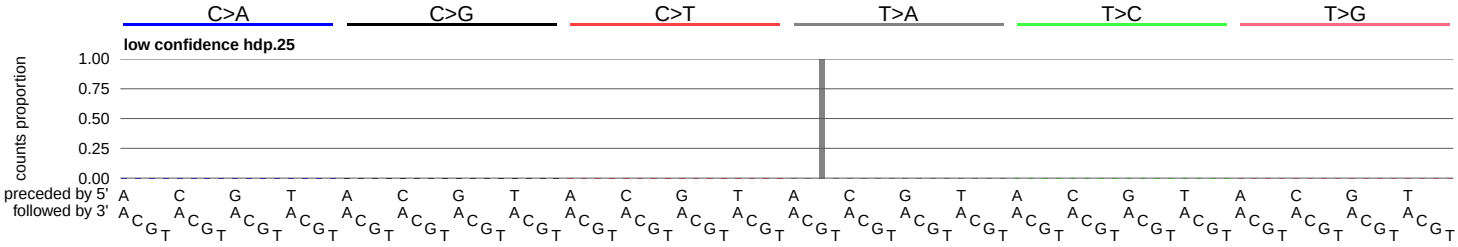

C>A
C>G
C>T
T>A
T>C
T>G
low confidence hdp.20
counts proportion
1.00
0.75
0.50
0.25
0.00
preceded by 5'
followed by 3'

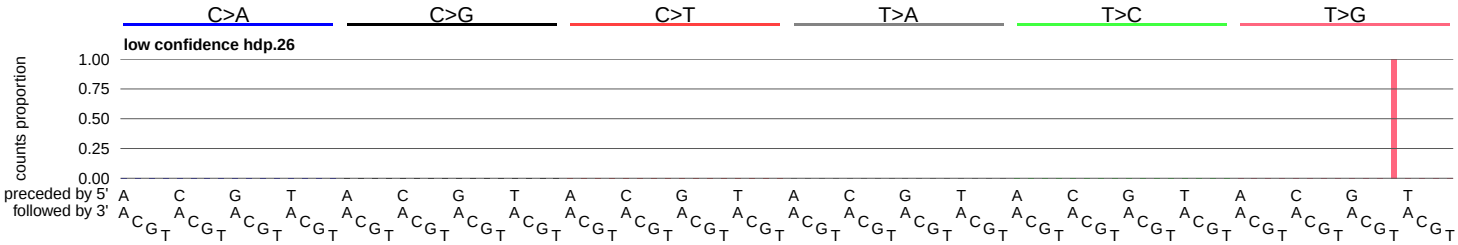

C>A
C>G
C>T
T>A
T>C
T>G
low confidence hdp.21
counts proportion
1.00
0.75
0.50
0.25
0.00
preceded by 5'
followed by 3'


C>A
C>G
C>T
T>A
T>C
T>G
low confidence hdp.22
counts proportion
0.14
0.10
0.07
0.03
0.00
preceded by 5'
followed by 3'


C>A
C>G
C>T
T>A
T>C
T>G
low confidence hdp.23
counts proportion
1.00
0.75
0.50
0.25
0.00
preceded by 5'
followed by 3'


C>A
C>G
C>T
T>A
T>C
T>G
low confidence hdp.24
counts proportion
1.00
0.75
0.50
0.25
0.00
preceded by 5'
followed by 3'


C>A
C>G
C>T
T>A
T>C
T>G
low confidence hdp.25
counts proportion
1.00
0.75
0.50
0.25
0.00
preceded by 5'
followed by 3'


C>A
C>G
C>T
T>A
T>C
T>G
low confidence hdp.26
counts proportion
1.00
0.75
0.50
0.25
0.00
preceded by 5'
followed by 3'