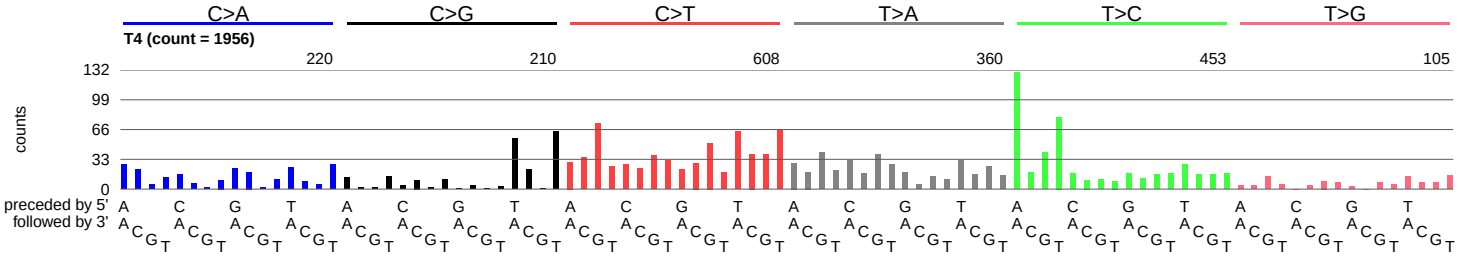
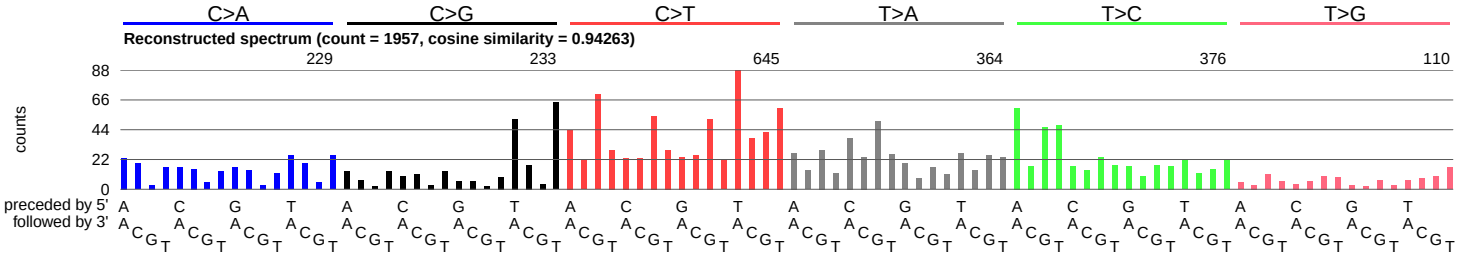
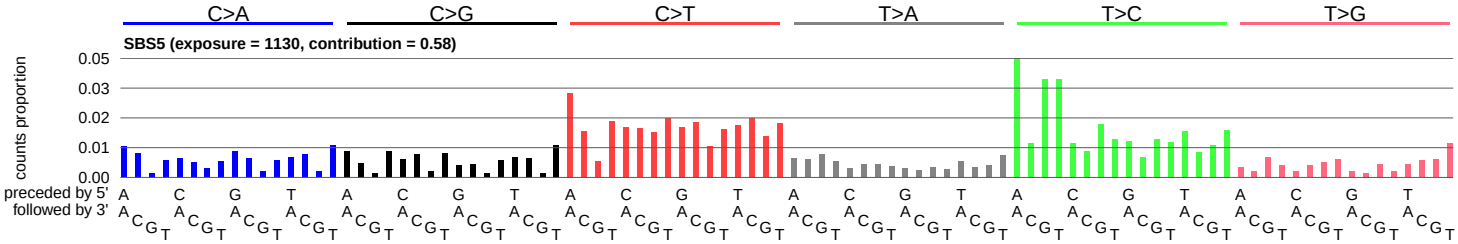
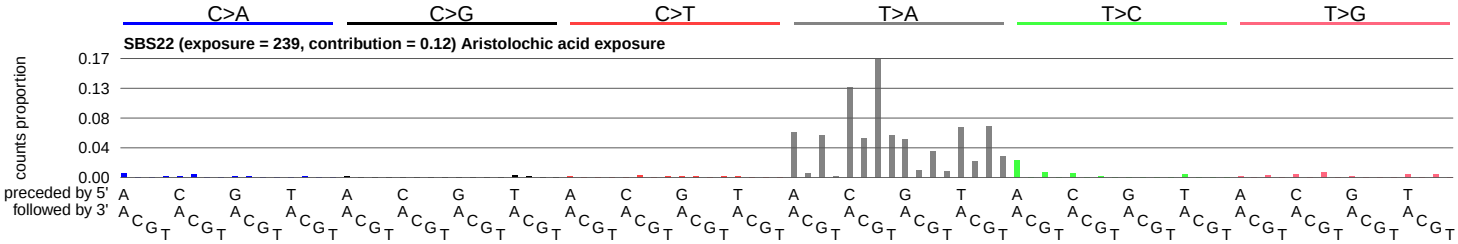
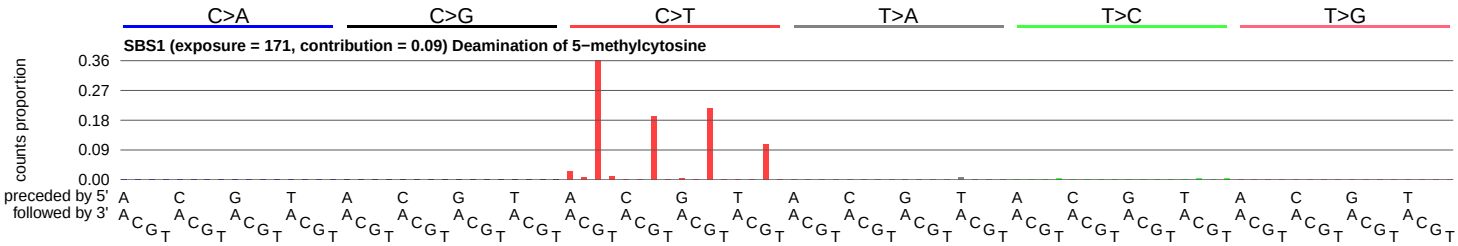
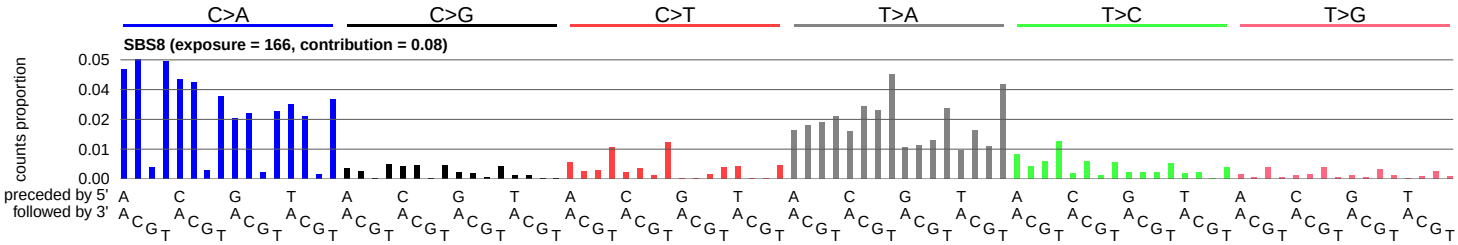

C>A
C>G
C>T
T>A
T>C
T>G
T4 (count = 1956)
220
210
608
360
453
105
132
99
66
33
0
counts
preceded by 5'
followed by 3'

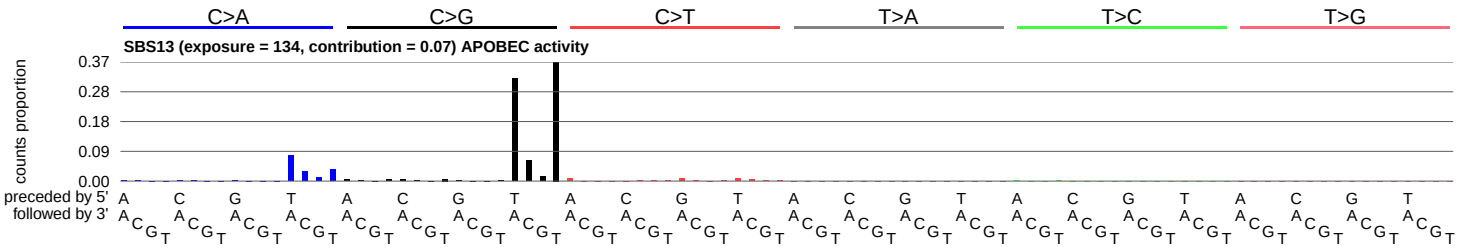

C>A
C>G
C>T
T>A
T>C
T>G
Reconstructed spectrum (count = 1957, cosine similarity = 0.94263)
229
233
645
364
376
110
88
66
44
22
0
counts
preceded by 5'
followed by 3'

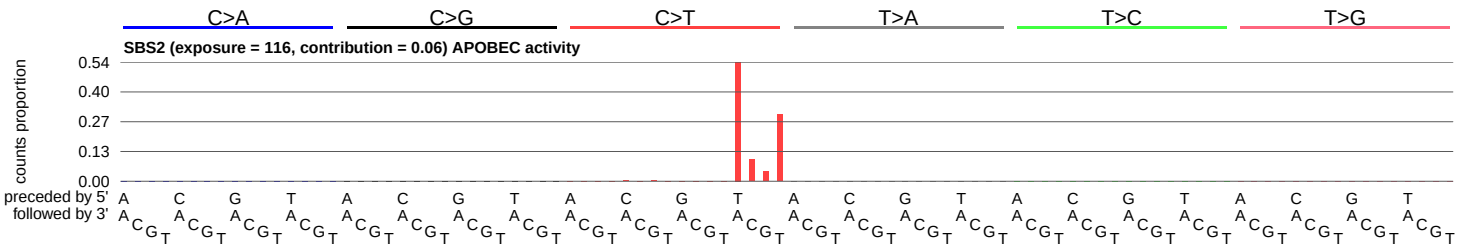

C>A
C>G
C>T
T>A
T>C
T>G
SBS5 (exposure = 1130, contribution = 0.58)
0.05
0.03
0.02
0.01
0.00
counts proportion
preceded by 5'
followed by 3'


C>A
C>G
C>T
T>A
T>C
T>G
SBS22 (exposure = 239, contribution = 0.12) Aristolochic acid exposure
0.17
0.13
0.08
0.04
0.00
counts proportion
preceded by 5'
followed by 3'


C>A
C>G
C>T
T>A
T>C
T>G
SBS1 (exposure = 171, contribution = 0.09) Deamination of 5−methylcytosine
0.36
0.27
0.18
0.09
0.00
counts proportion
preceded by 5'
followed by 3'


C>A
C>G
C>T
T>A
T>C
T>G
SBS8 (exposure = 166, contribution = 0.08)
0.05
0.04
0.02
0.01
0.00
counts proportion
preceded by 5'
followed by 3'


C>A
C>G
C>T
T>A
T>C
T>G
SBS13 (exposure = 134, contribution = 0.07) APOBEC activity
0.37
0.28
0.18
0.09
0.00
counts proportion
preceded by 5'
followed by 3'


C>A
C>G
C>T
T>A
T>C
T>G
SBS2 (exposure = 116, contribution = 0.06) APOBEC activity
0.54
0.40
0.27
0.13
0.00
counts proportion
preceded by 5'
followed by 3'