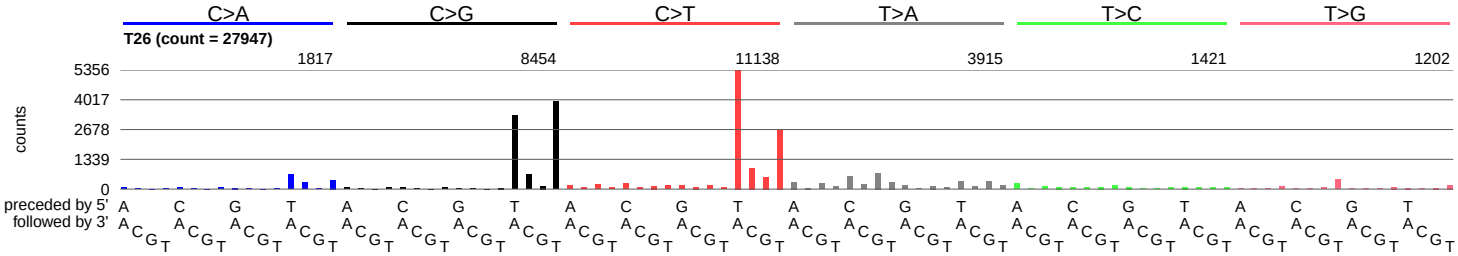
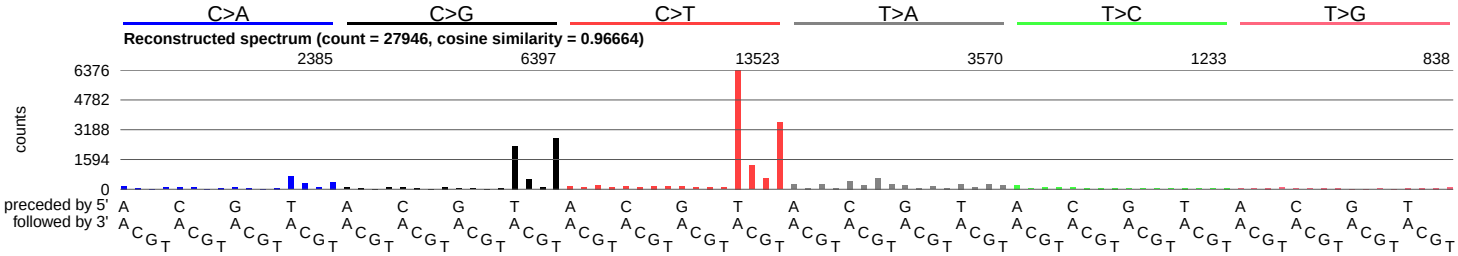
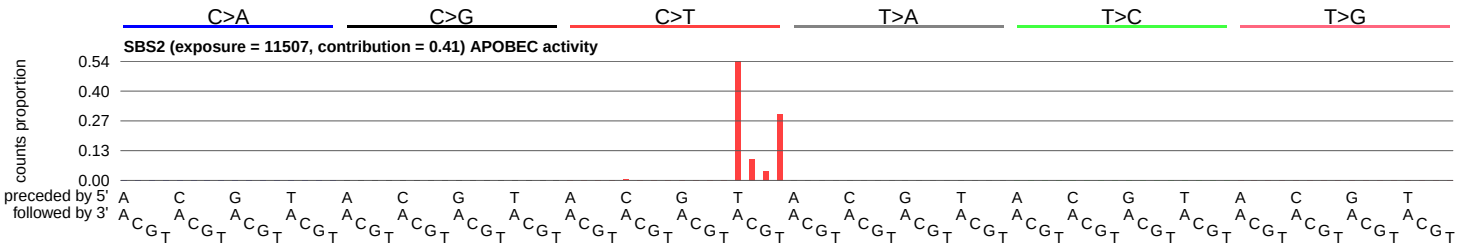
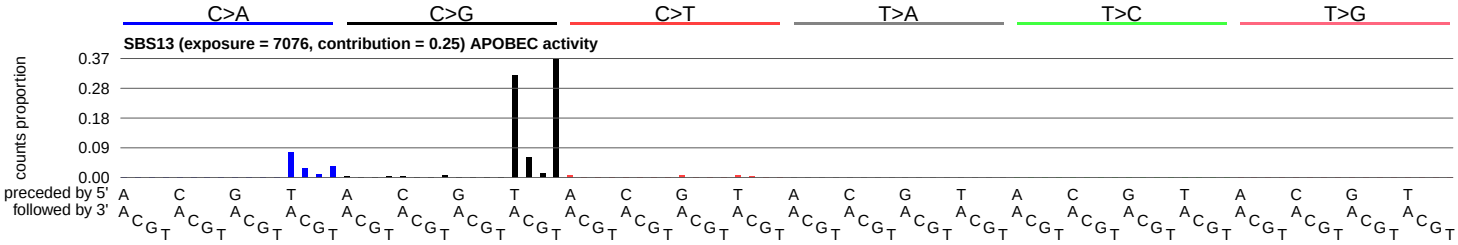
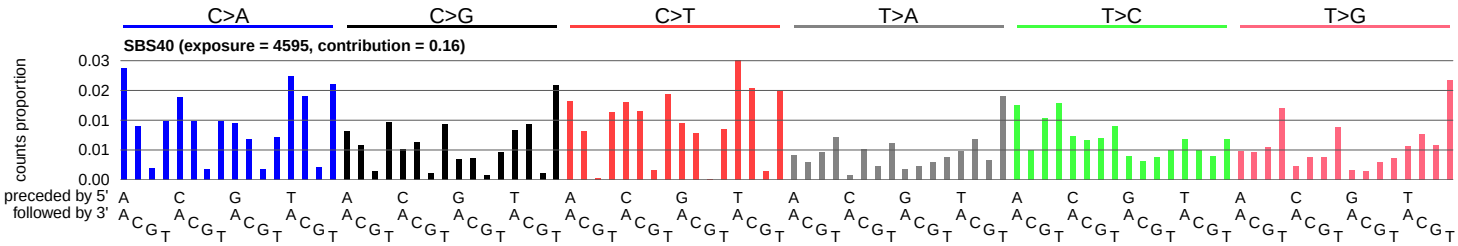
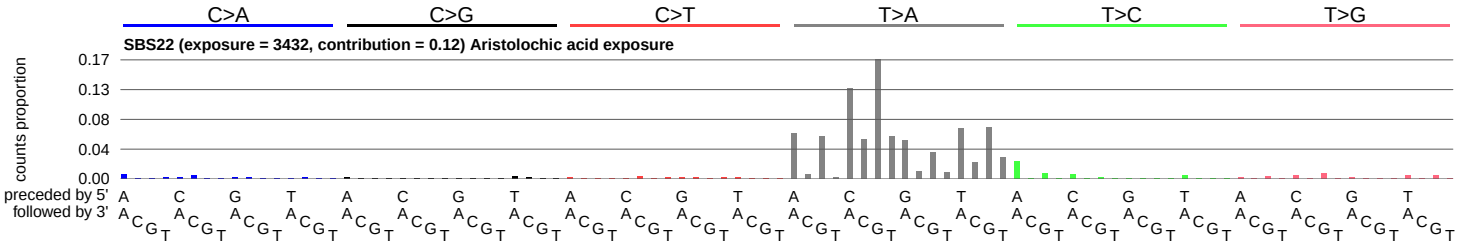

C>A
C>G
C>T
T>A
T>C
T>G
T26 (count = 27947)
1817
8454
11138
3915
1421
1202
counts
5356
4017
2678
1339
0
preceded by 5'
followed by 3'

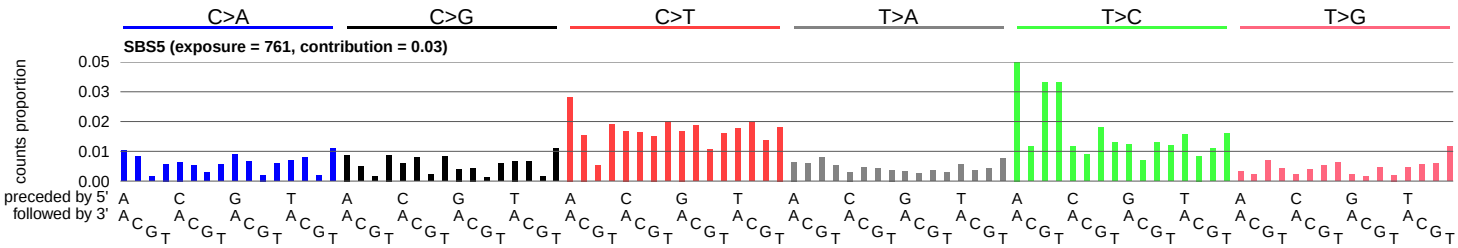

C>A
C>G
C>T
T>A
T>C
T>G
Reconstructed spectrum (count = 27946, cosine similarity = 0.96664)
2385
6397
13523
3570
1233
838
counts
6376
4782
3188
1594
0
preceded by 5'
followed by 3'

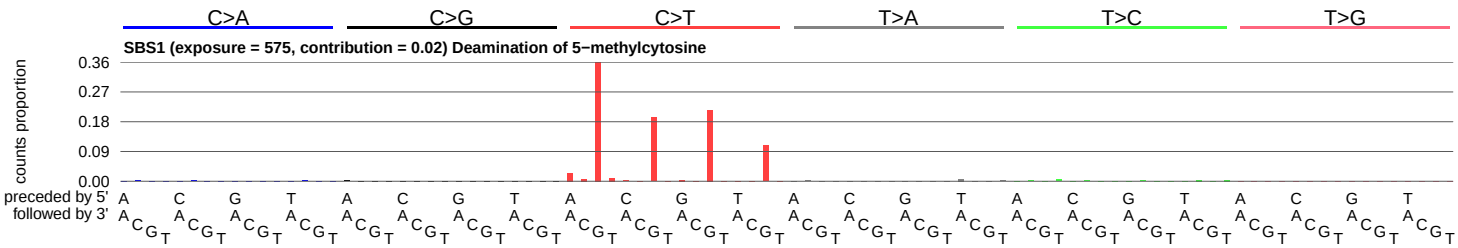

C>A
C>G
C>T
T>A
T>C
T>G
SBS2 (exposure = 11507, contribution = 0.41) APOBEC activity
counts proportion
0.54
0.40
0.27
0.13
0.00
preceded by 5'
followed by 3'


C>A
C>G
C>T
T>A
T>C
T>G
SBS13 (exposure = 7076, contribution = 0.25) APOBEC activity
counts proportion
0.37
0.28
0.18
0.09
0.00
preceded by 5'
followed by 3'


C>A
C>G
C>T
T>A
T>C
T>G
SBS40 (exposure = 4595, contribution = 0.16)
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
SBS22 (exposure = 3432, contribution = 0.12) Aristolochic acid exposure
counts proportion
0.17
0.13
0.08
0.04
0.00
preceded by 5'
followed by 3'


C>A
C>G
C>T
T>A
T>C
T>G
SBS5 (exposure = 761, contribution = 0.03)
counts proportion
0.05
0.03
0.02
0.01
0.00
preceded by 5'
followed by 3'


C>A
C>G
C>T
T>A
T>C
T>G
SBS1 (exposure = 575, contribution = 0.02) Deamination of 5−methylcytosine
counts proportion
0.36
0.27
0.18
0.09
0.00
preceded by 5'
followed by 3'