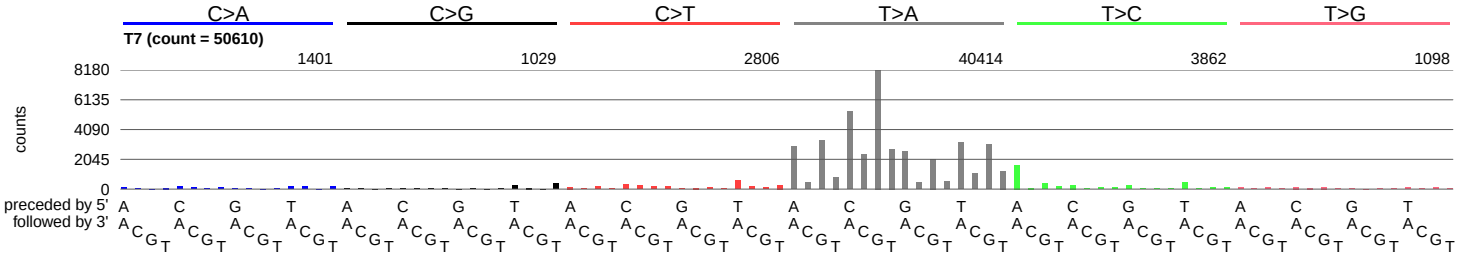
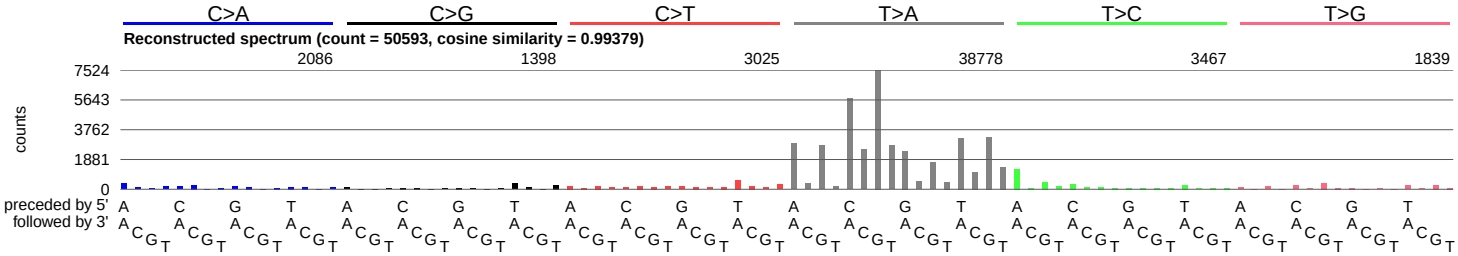
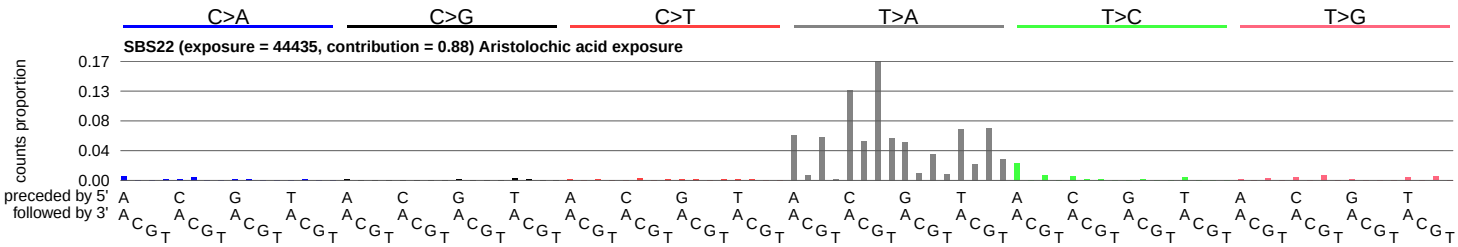
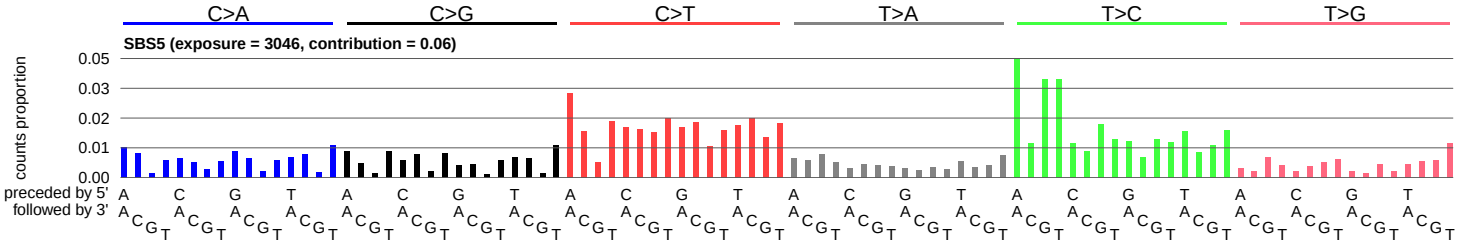
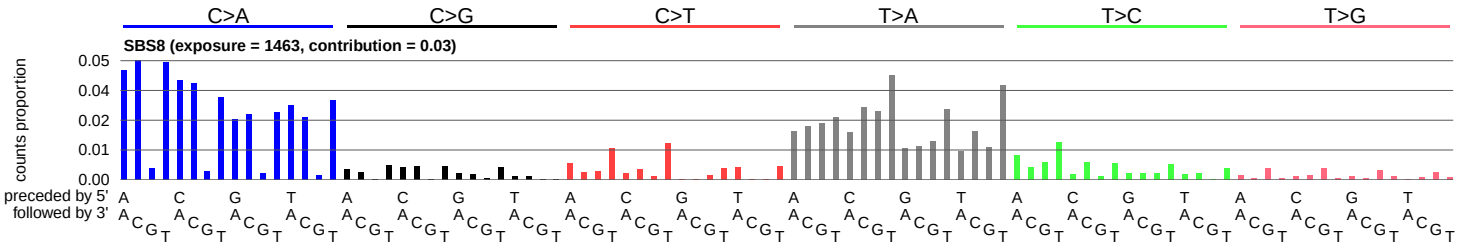
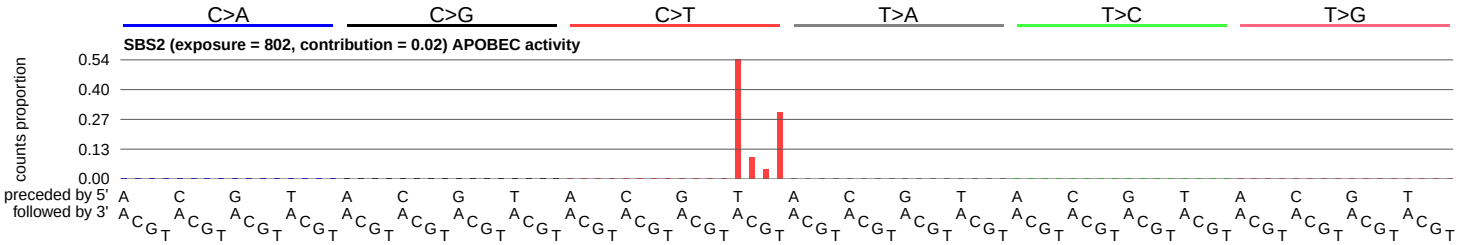

C>A
C>G
C>T
T>A
T>C
T>G
T7 (count = 50610)
1401
1029
2806
40414
3862
1098
counts
8180
6135
4090
2045
0
preceded by 5'
followed by 3'

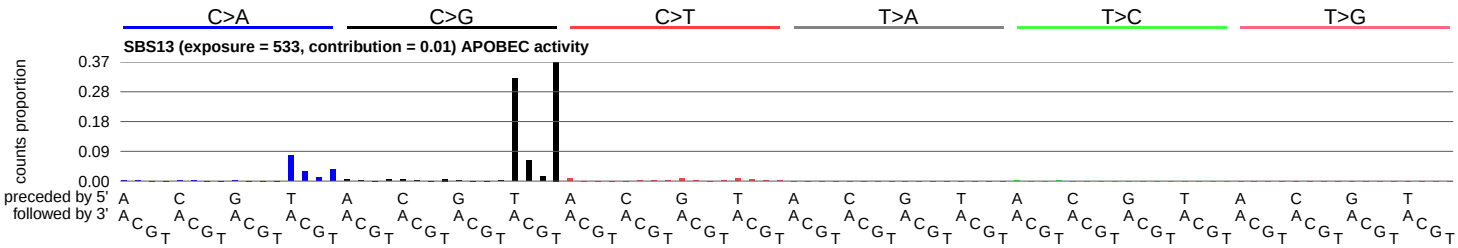

C>A
C>G
C>T
T>A
T>C
T>G
Reconstructed spectrum (count = 50593, cosine similarity = 0.99379)
2086
1398
3025
38778
3467
1839
counts
7524
5643
3762
1881
0
preceded by 5'
followed by 3'

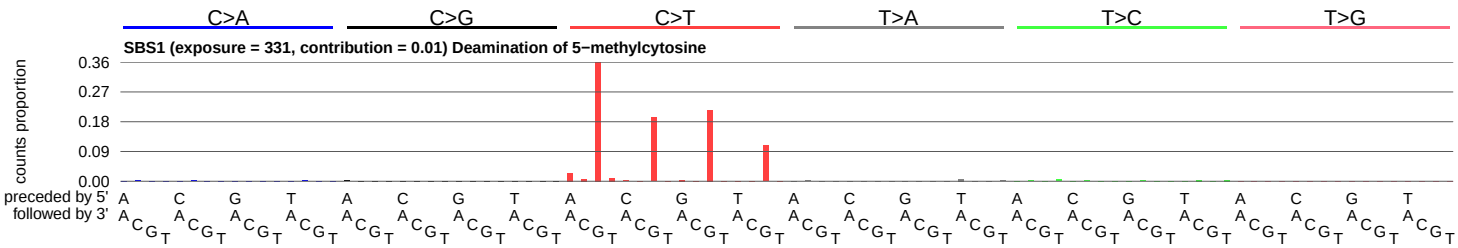

C>A
C>G
C>T
T>A
T>C
T>G
SBS22 (exposure = 44435, contribution = 0.88) Aristolochic acid exposure
counts proportion
0.17
0.13
0.08
0.04
0.00
preceded by 5'
followed by 3'


C>A
C>G
C>T
T>A
T>C
T>G
SBS5 (exposure = 3046, contribution = 0.06)
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
SBS8 (exposure = 1463, contribution = 0.03)
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
SBS2 (exposure = 802, contribution = 0.02) 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 = 533, contribution = 0.01) 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
SBS1 (exposure = 331, contribution = 0.01) Deamination of 5−methylcytosine
counts proportion
0.36
0.27
0.18
0.09
0.00
preceded by 5'
followed by 3'