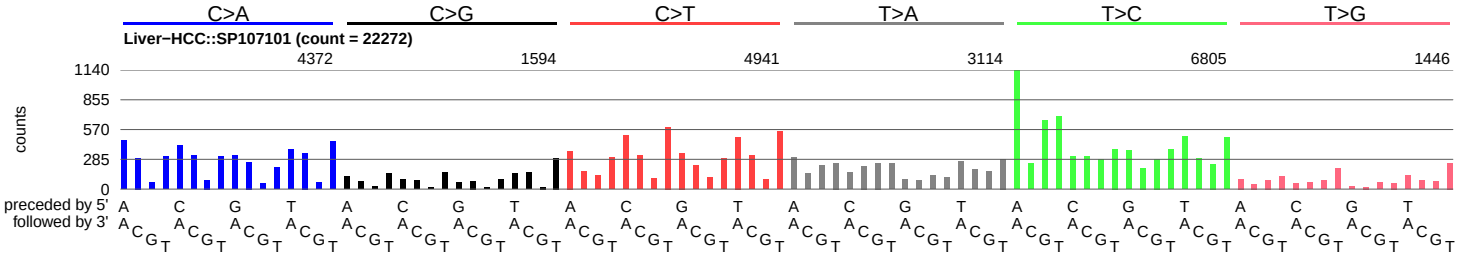
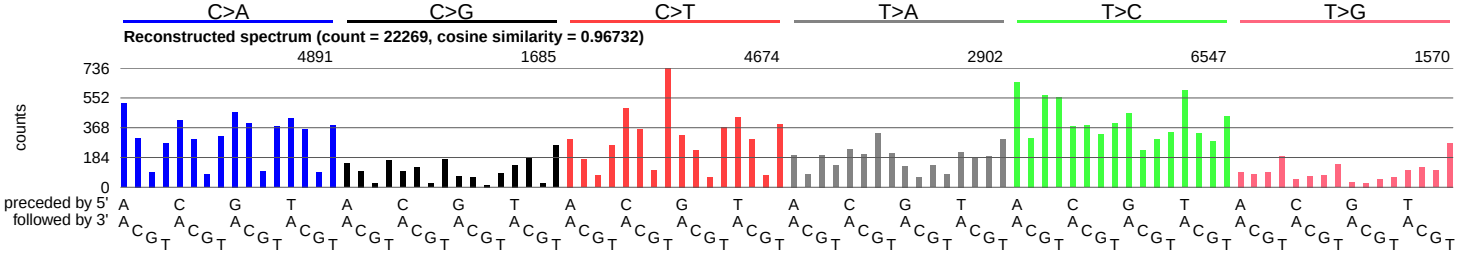
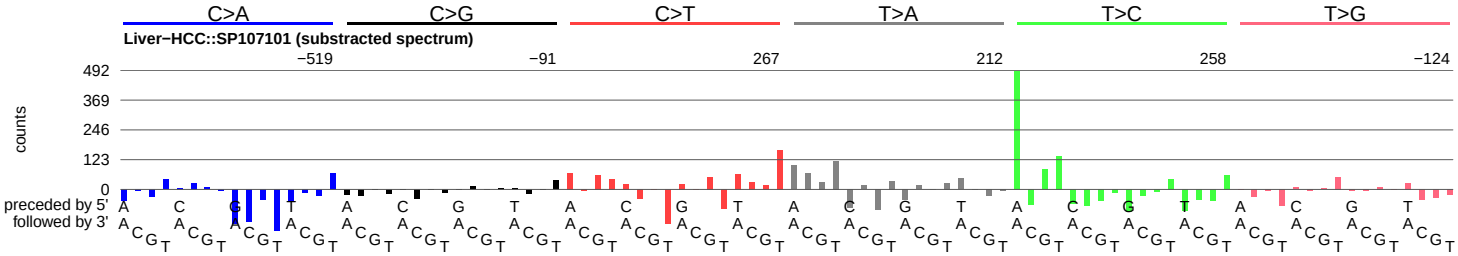
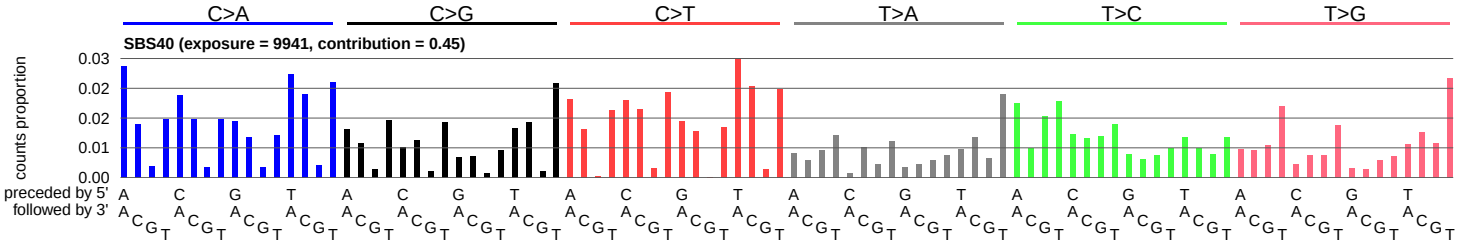
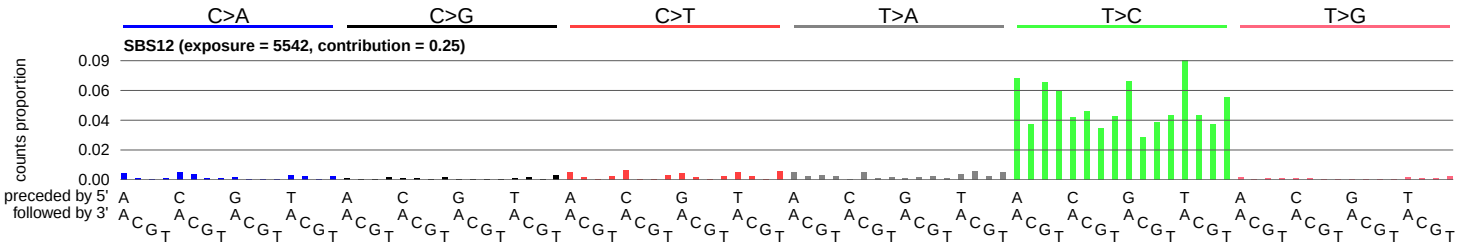
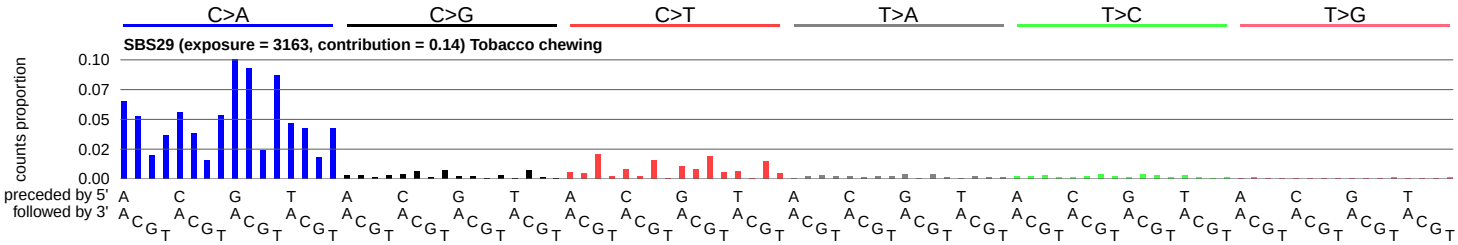

C>A
C>G
C>T
T>A
T>C
T>G
Liver−HCC::SP107101 (count = 22272)
4372
1594
4941
3114
6805
1446
counts
1140
855
570
285
0
preceded by 5'
followed by 3'

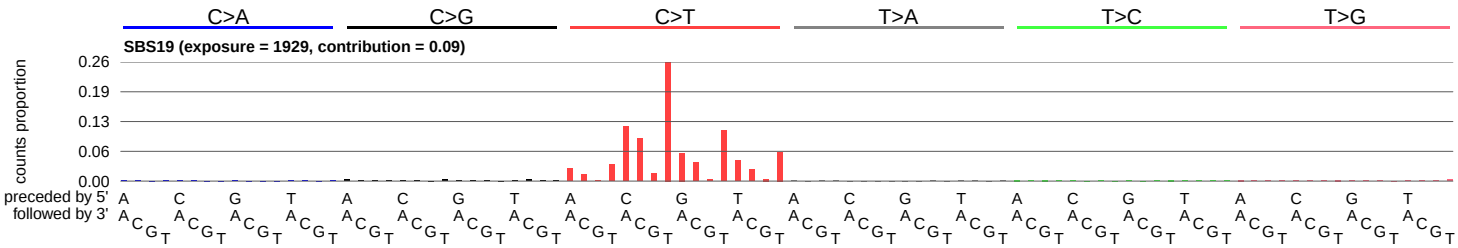

C>A
C>G
C>T
T>A
T>C
T>G
Reconstructed spectrum (count = 22269, cosine similarity = 0.96732)
4891
1685
4674
2902
6547
1570
counts
736
552
368
184
0
preceded by 5'
followed by 3'

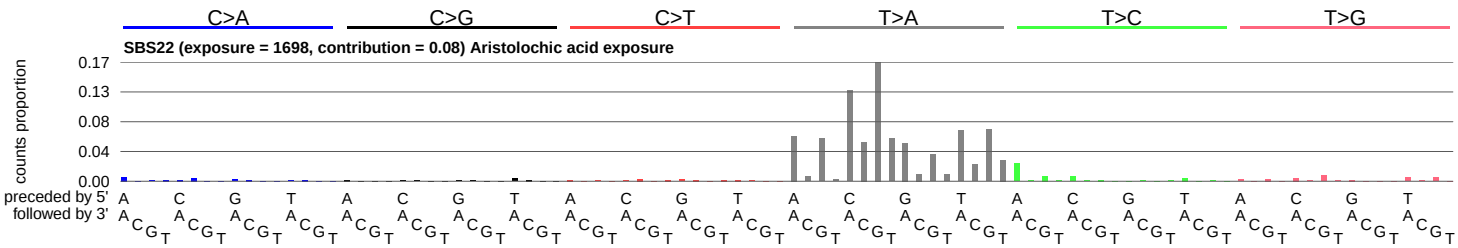

C>A
C>G
C>T
T>A
T>C
T>G
Liver−HCC::SP107101 (substracted spectrum)
−519
−91
267
212
258
−124
counts
492
369
246
123
0
preceded by 5'
followed by 3'


C>A
C>G
C>T
T>A
T>C
T>G
SBS40 (exposure = 9941, contribution = 0.45)
counts proportion
0.03
0.02
0.02
0.01
0.00
preceded by 5'
followed by 3'


C>A
C>G
C>T
T>A
T>C
T>G
SBS12 (exposure = 5542, contribution = 0.25)
counts proportion
0.09
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
SBS29 (exposure = 3163, contribution = 0.14) Tobacco chewing
counts proportion
0.10
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
SBS19 (exposure = 1929, contribution = 0.09)
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
SBS22 (exposure = 1698, contribution = 0.08) Aristolochic acid exposure
counts proportion
0.17
0.13
0.08
0.04
0.00
preceded by 5'
followed by 3'