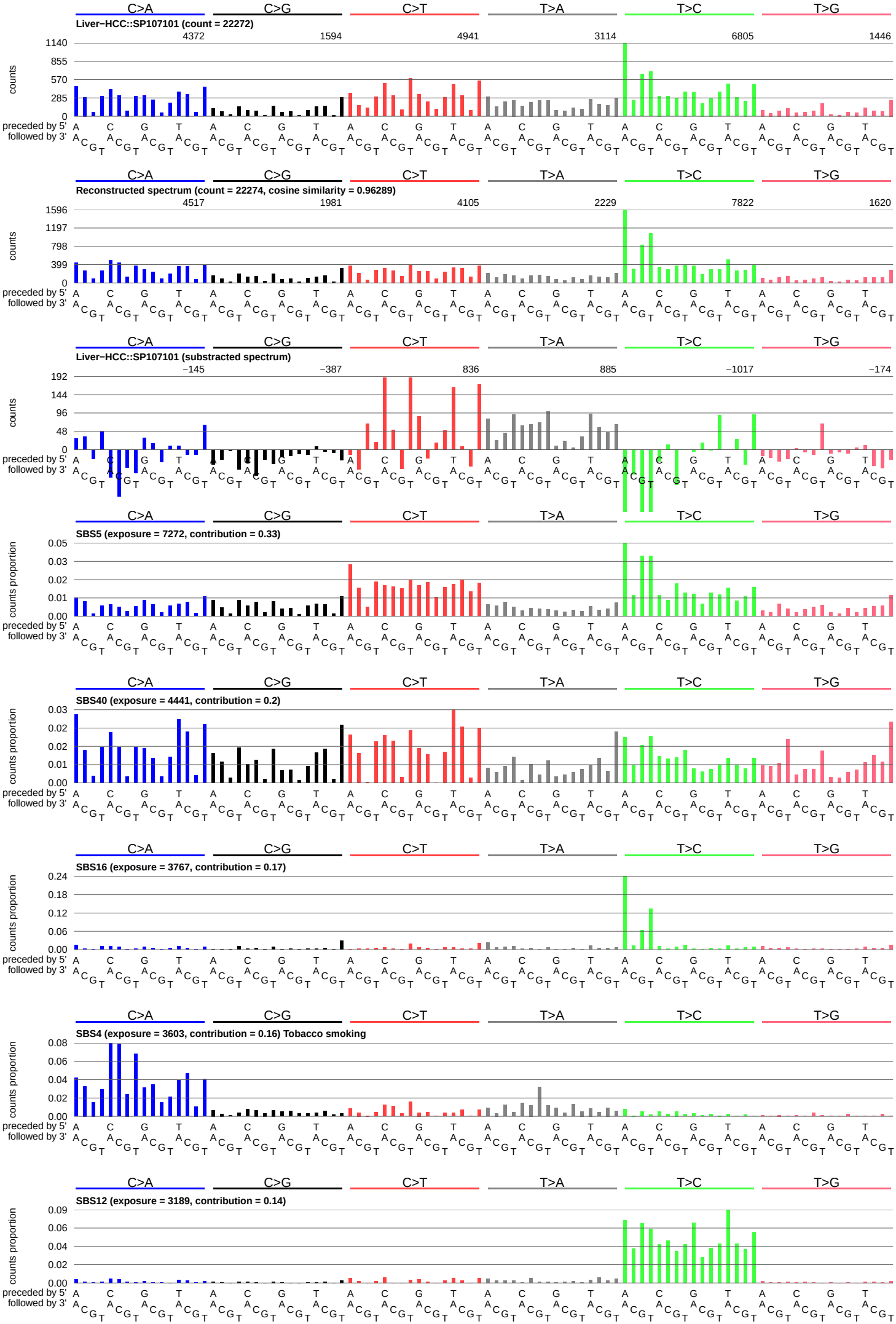
C>A
C>G
C>T
T>A
T>C
T>G
Liver−HCC::SP107101 (count = 22272)
4372
1594
4941
3114
6805
1446
counts
1140
855
570
285
0
Reconstructed spectrum (count = 22274, cosine similarity = 0.96289)
4517
1981
4105
2229
7822
1620
1596
1197
798
399
Liver−HCC::SP107101 (substracted spectrum)
−145
−387
836
885
−1017
−174
192
144
96
48
SBS5 (exposure = 7272, contribution = 0.33)
counts proportion
0.05
0.03
0.02
0.01
0.00
SBS40 (exposure = 4441, contribution = 0.2)
SBS16 (exposure = 3767, contribution = 0.17)
0.24
0.18
0.12
0.06
SBS4 (exposure = 3603, contribution = 0.16) Tobacco smoking
0.08
0.06
0.04
0.02
SBS12 (exposure = 3189, contribution = 0.14)
0.09
preceded by 5'
followed by 3'