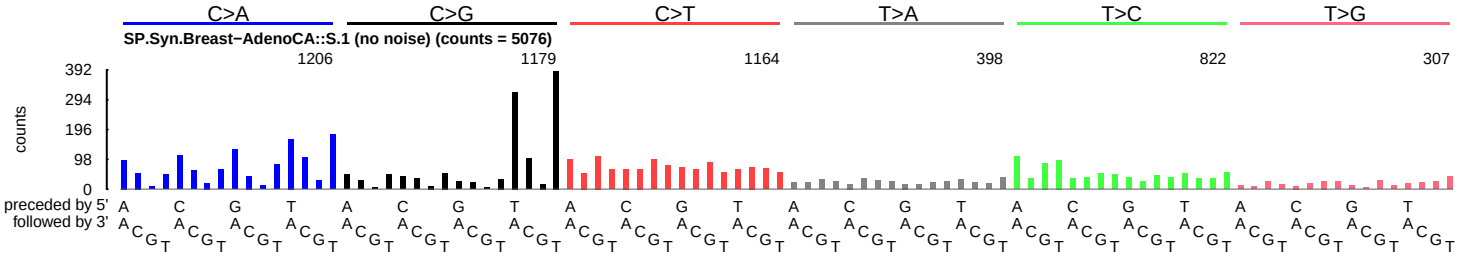
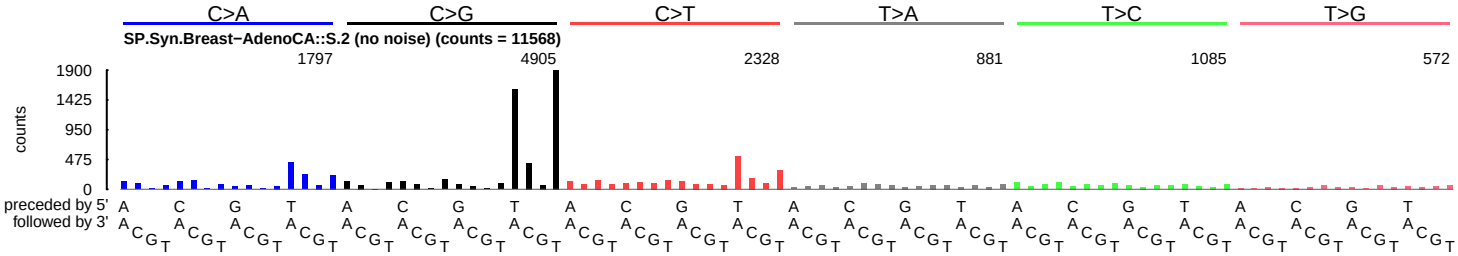
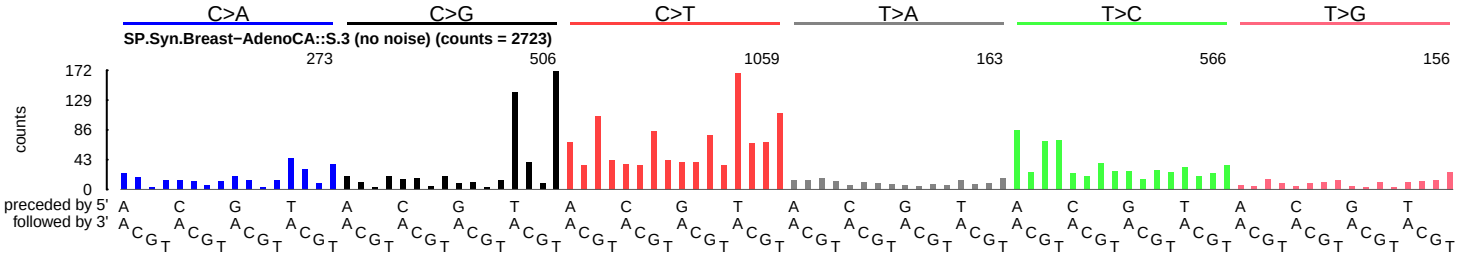
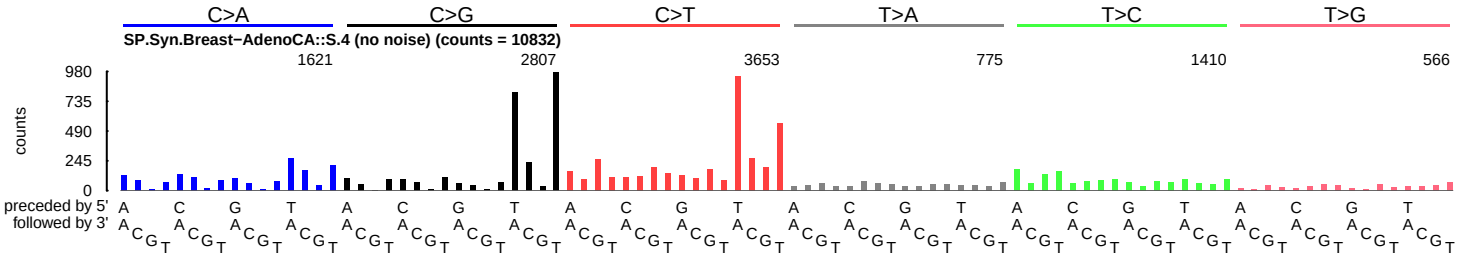
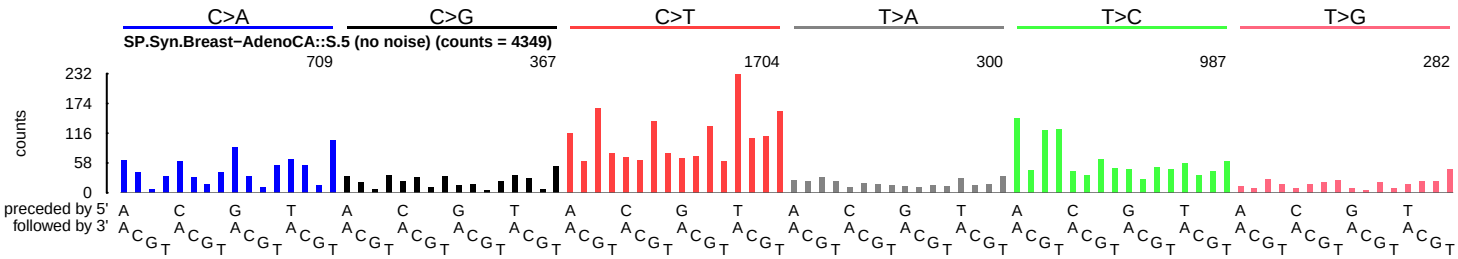
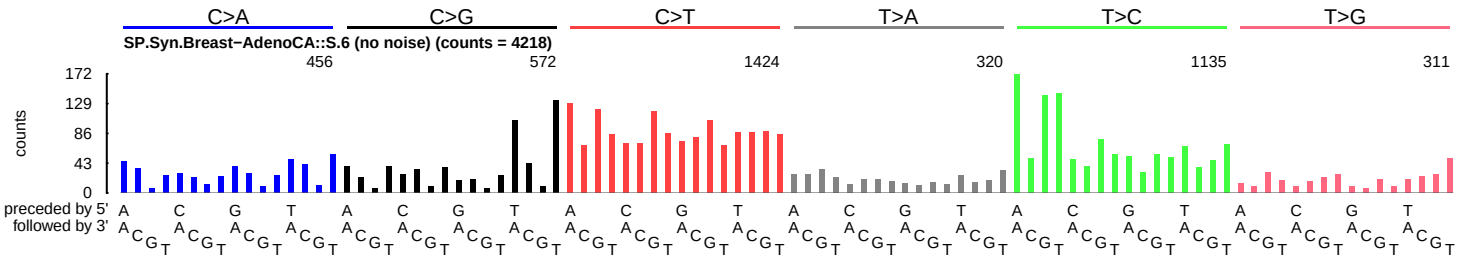

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Breast−AdenoCA::S.1 (no noise) (counts = 5076)
1206
1179
1164
398
822
307
counts
392
294
196
98
0
preceded by 5'
followed by 3'

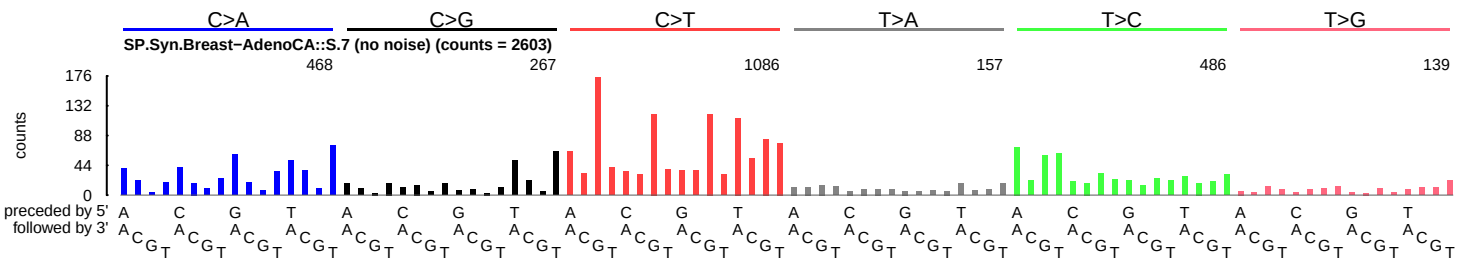

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Breast−AdenoCA::S.2 (no noise) (counts = 11568)
1797
4905
2328
881
1085
572
counts
1900
1425
950
475
0
preceded by 5'
followed by 3'

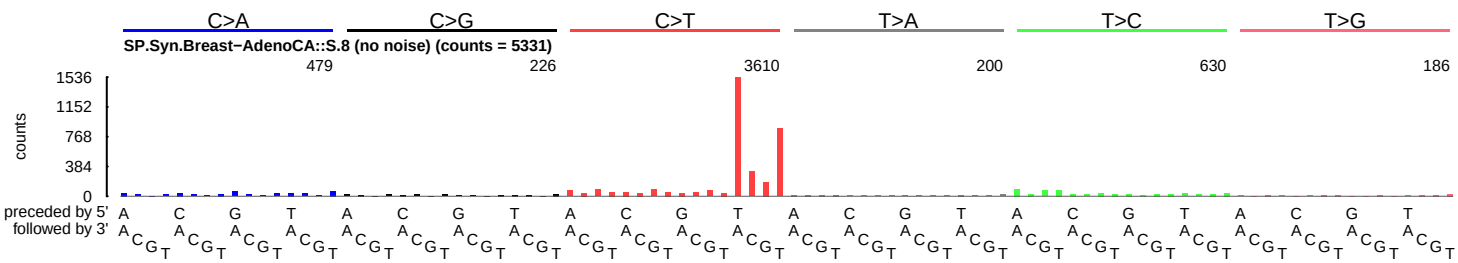

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Breast−AdenoCA::S.3 (no noise) (counts = 2723)
273
506
1059
163
566
156
counts
172
129
86
43
0
preceded by 5'
followed by 3'

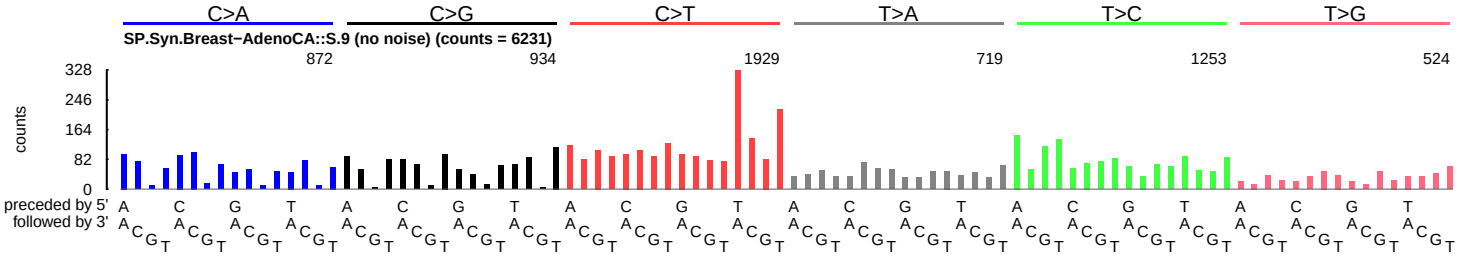

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Breast−AdenoCA::S.4 (no noise) (counts = 10832)
1621
2807
3653
775
1410
566
counts
980
735
490
245
0
preceded by 5'
followed by 3'

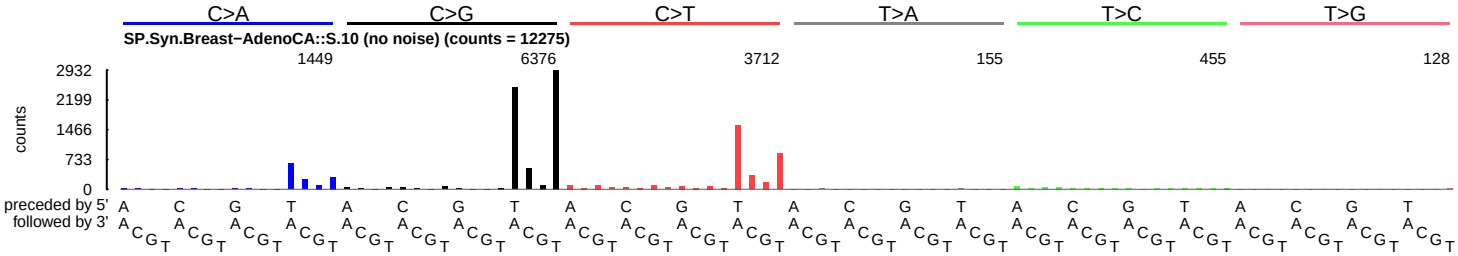

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Breast−AdenoCA::S.5 (no noise) (counts = 4349)
709
367
1704
300
987
282
counts
232
174
116
58
0
preceded by 5'
followed by 3'

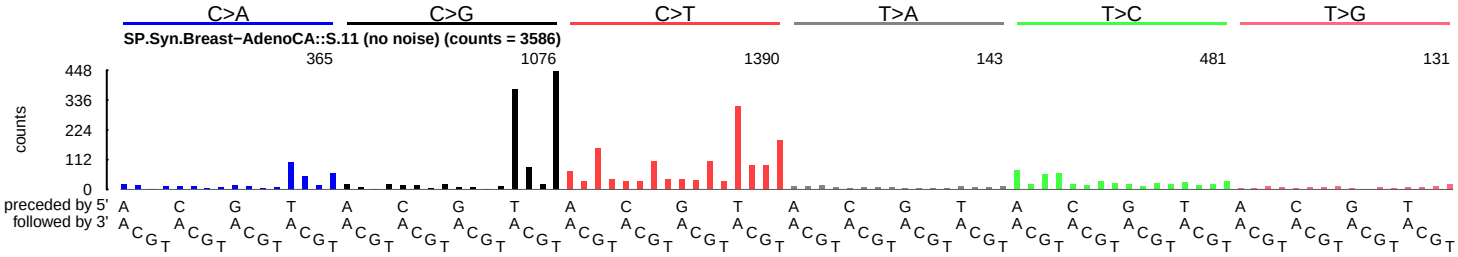

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Breast−AdenoCA::S.6 (no noise) (counts = 4218)
456
572
1424
320
1135
311
counts
172
129
86
43
0
preceded by 5'
followed by 3'

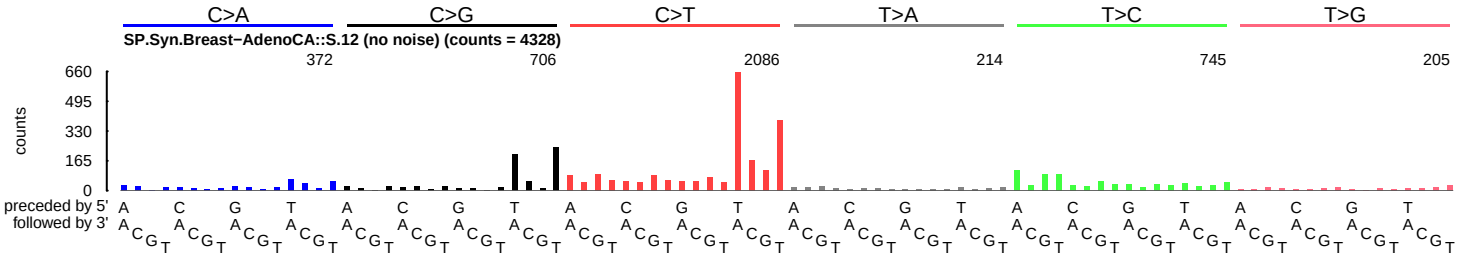

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Breast−AdenoCA::S.7 (no noise) (counts = 2603)
468
267
1086
157
486
139
counts
176
132
88
44
0
preceded by 5'
followed by 3'

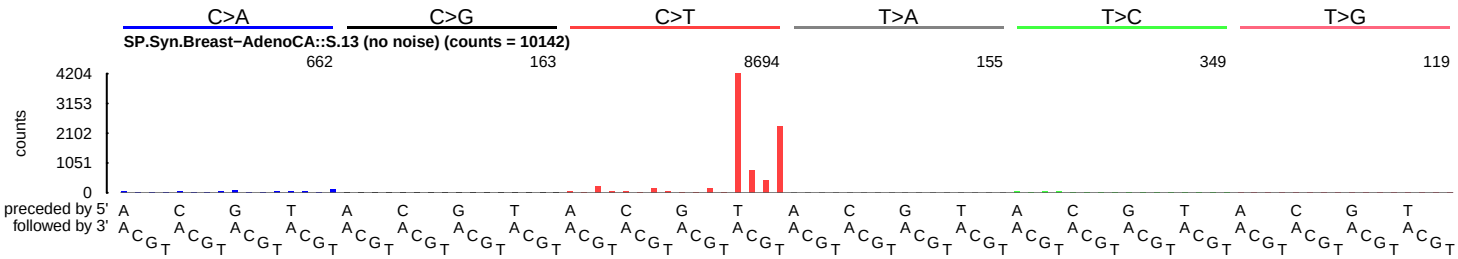

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Breast−AdenoCA::S.8 (no noise) (counts = 5331)
479
226
3610
200
630
186
counts
1536
1152
768
384
0
preceded by 5'
followed by 3'

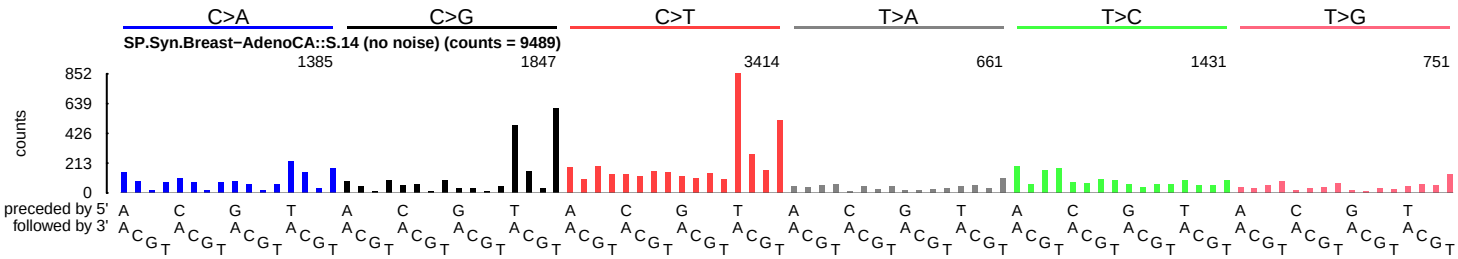

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Breast−AdenoCA::S.9 (no noise) (counts = 6231)
872
934
1929
719
1253
524
counts
328
246
164
82
0
preceded by 5'
followed by 3'

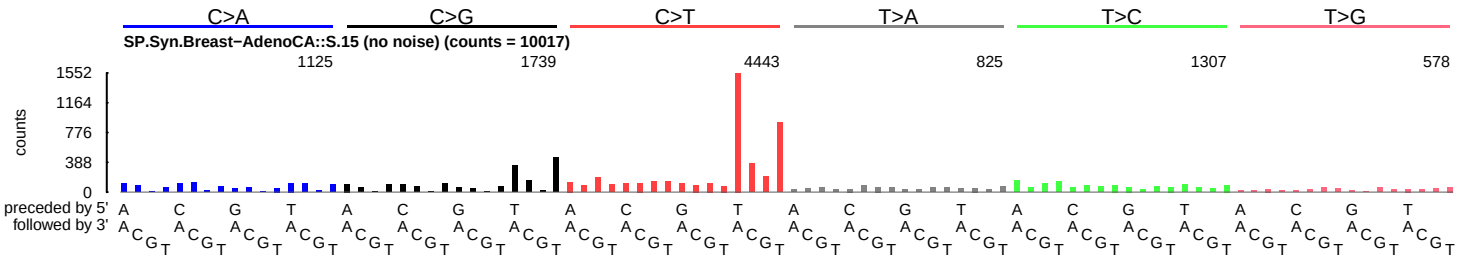

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Breast−AdenoCA::S.10 (no noise) (counts = 12275)
1449
6376
3712
155
455
128
counts
2932
2199
1466
733
0
preceded by 5'
followed by 3'

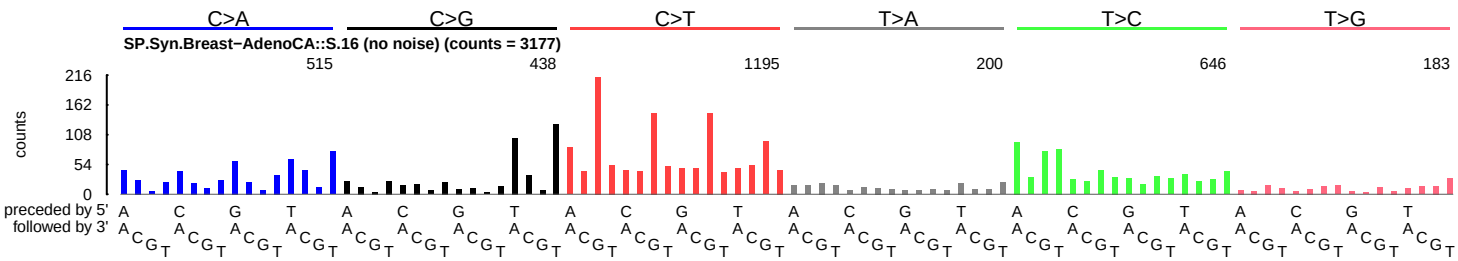

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Breast−AdenoCA::S.11 (no noise) (counts = 3586)
365
1076
1390
143
481
131
counts
448
336
224
112
0
preceded by 5'
followed by 3'

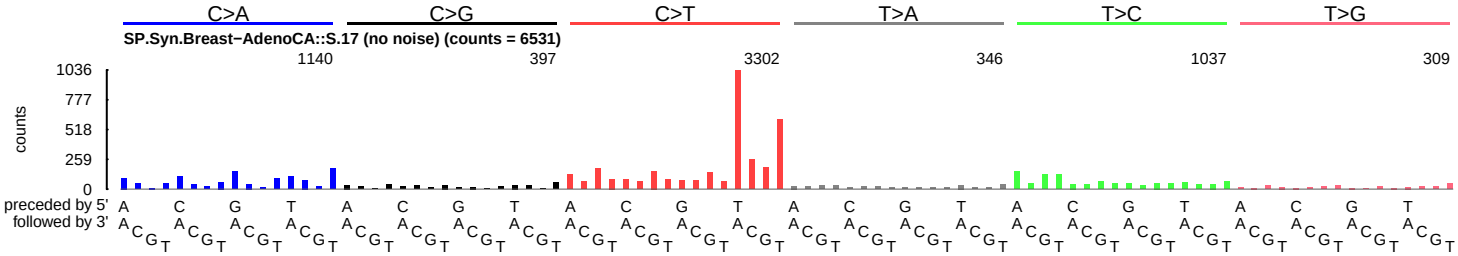

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Breast−AdenoCA::S.12 (no noise) (counts = 4328)
372
706
2086
214
745
205
counts
660
495
330
165
0
preceded by 5'
followed by 3'

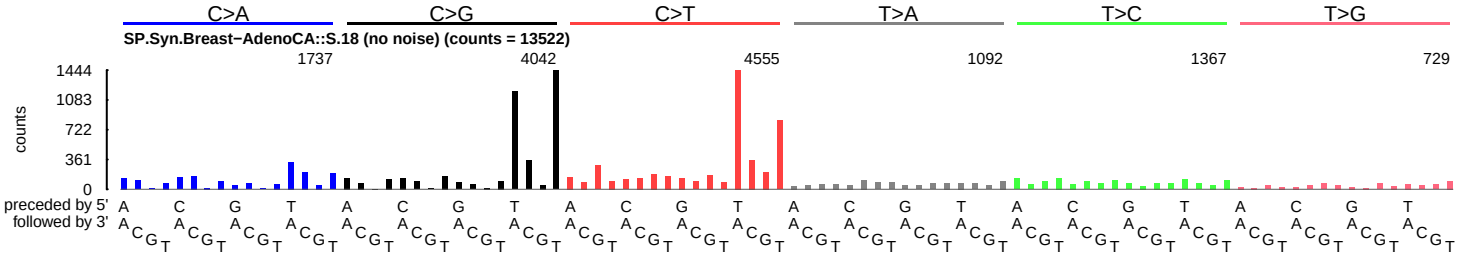

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Breast−AdenoCA::S.13 (no noise) (counts = 10142)
662
163
8694
155
349
119
counts
4204
3153
2102
1051
0
preceded by 5'
followed by 3'

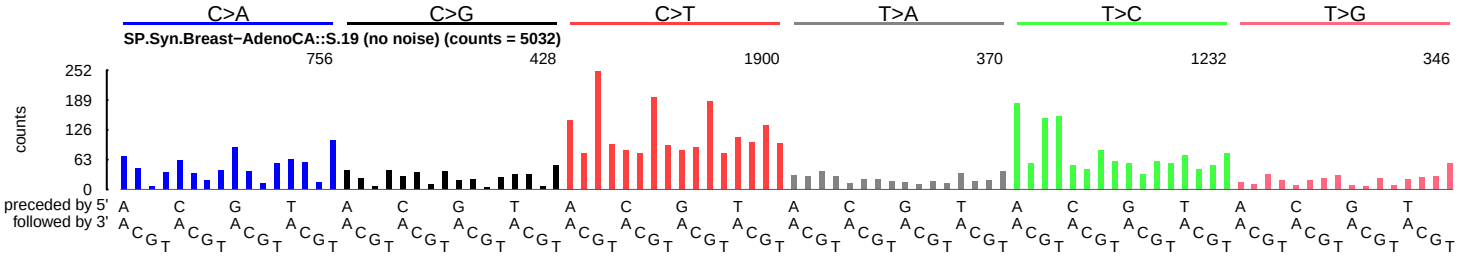

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Breast−AdenoCA::S.14 (no noise) (counts = 9489)
1385
1847
3414
661
1431
751
counts
852
639
426
213
0
preceded by 5'
followed by 3'

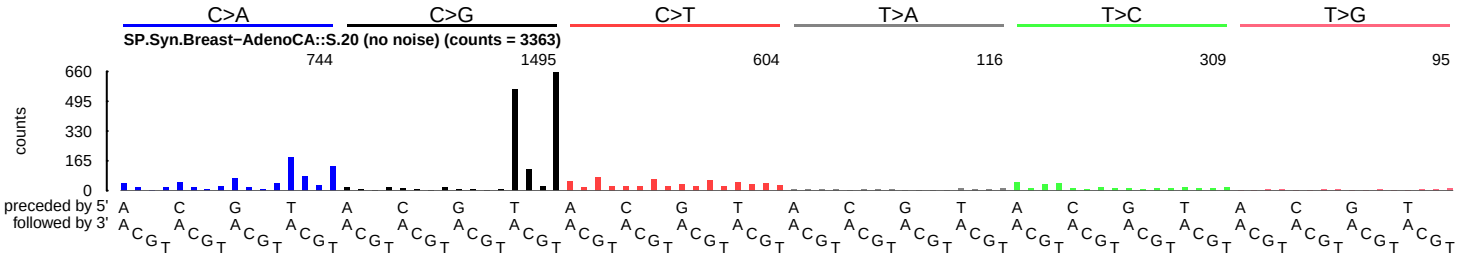

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Breast−AdenoCA::S.15 (no noise) (counts = 10017)
1125
1739
4443
825
1307
578
counts
1552
1164
776
388
0
preceded by 5'
followed by 3'

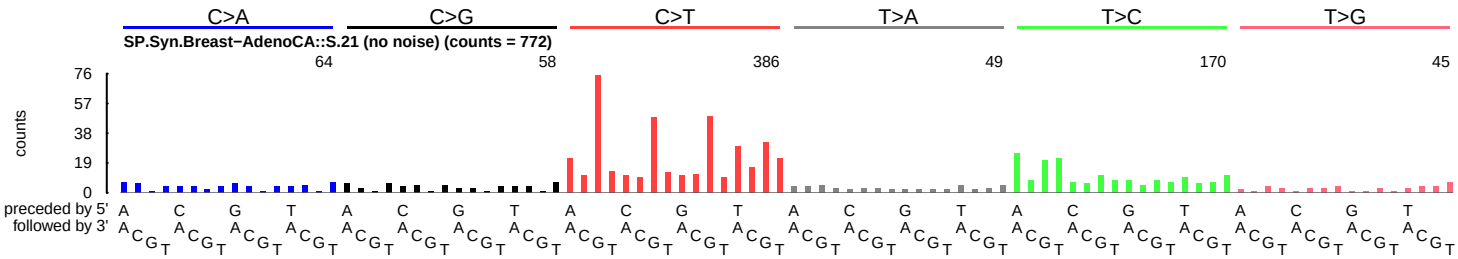

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Breast−AdenoCA::S.16 (no noise) (counts = 3177)
515
438
1195
200
646
183
counts
216
162
108
54
0
preceded by 5'
followed by 3'

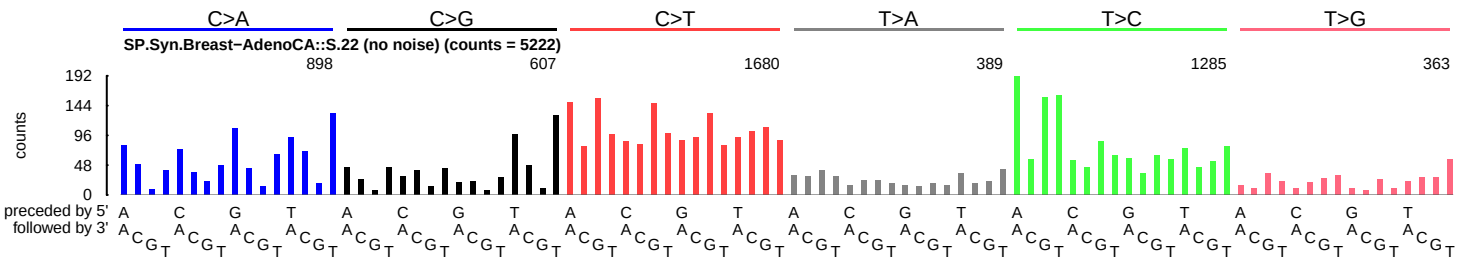

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Breast−AdenoCA::S.17 (no noise) (counts = 6531)
1140
397
3302
346
1037
309
counts
1036
777
518
259
0
preceded by 5'
followed by 3'

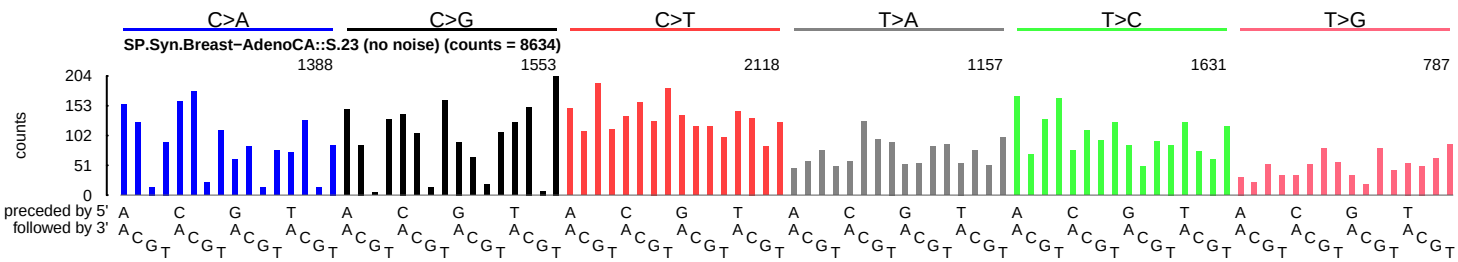

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Breast−AdenoCA::S.18 (no noise) (counts = 13522)
1737
4042
4555
1092
1367
729
counts
1444
1083
722
361
0
preceded by 5'
followed by 3'

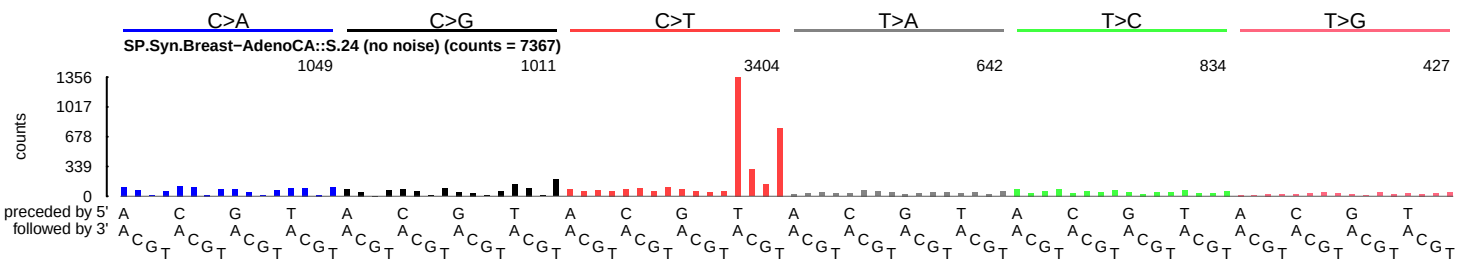

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Breast−AdenoCA::S.19 (no noise) (counts = 5032)
756
428
1900
370
1232
346
counts
252
189
126
63
0
preceded by 5'
followed by 3'

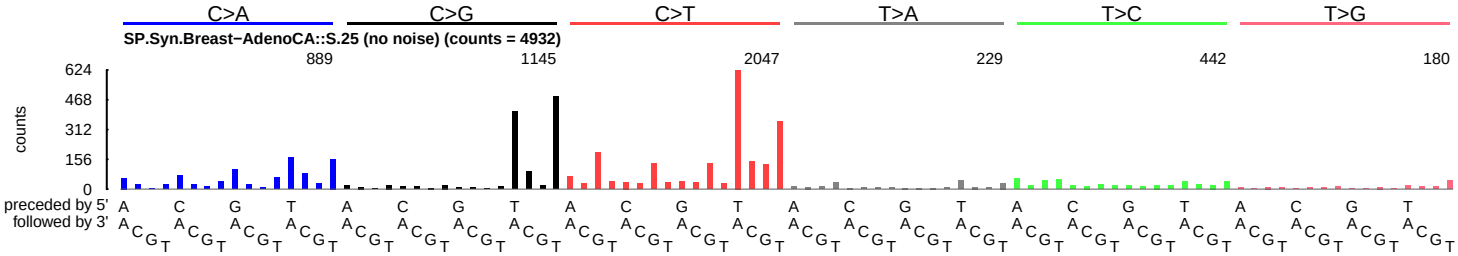

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Breast−AdenoCA::S.20 (no noise) (counts = 3363)
744
1495
604
116
309
95
counts
660
495
330
165
0
preceded by 5'
followed by 3'

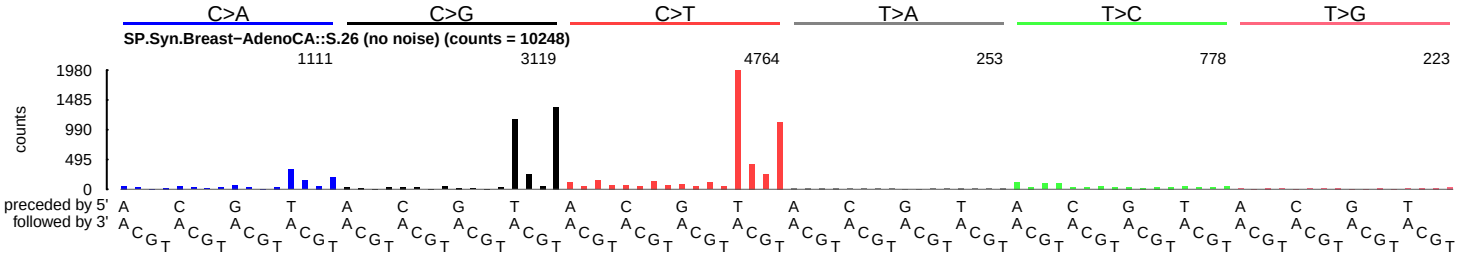

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Breast−AdenoCA::S.21 (no noise) (counts = 772)
64
58
386
49
170
45
counts
76
57
38
19
0
preceded by 5'
followed by 3'

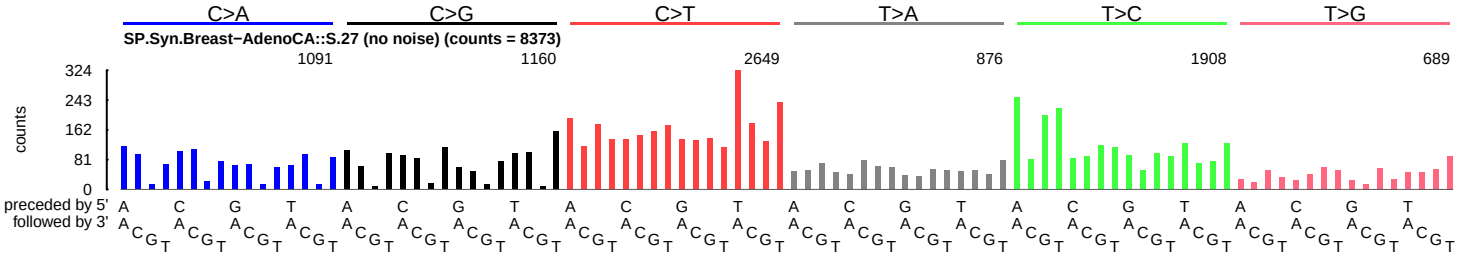

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Breast−AdenoCA::S.22 (no noise) (counts = 5222)
898
607
1680
389
1285
363
counts
192
144
96
48
0
preceded by 5'
followed by 3'

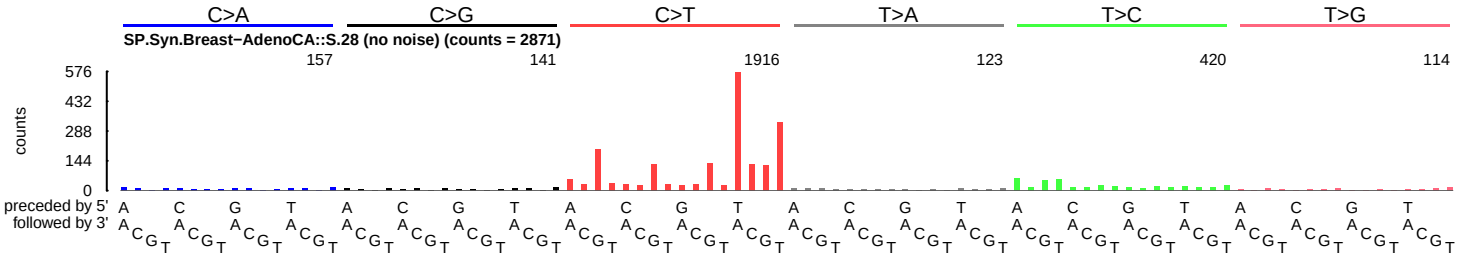

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Breast−AdenoCA::S.23 (no noise) (counts = 8634)
1388
1553
2118
1157
1631
787
counts
204
153
102
51
0
preceded by 5'
followed by 3'

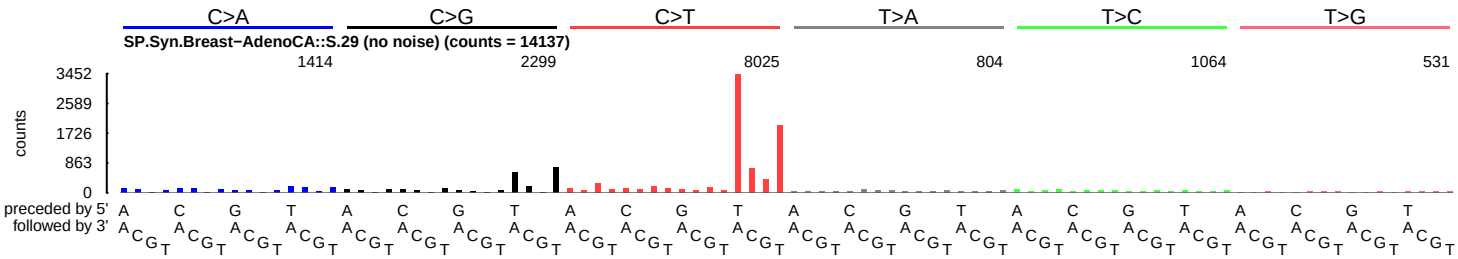

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Breast−AdenoCA::S.24 (no noise) (counts = 7367)
1049
1011
3404
642
834
427
counts
1356
1017
678
339
0
preceded by 5'
followed by 3'

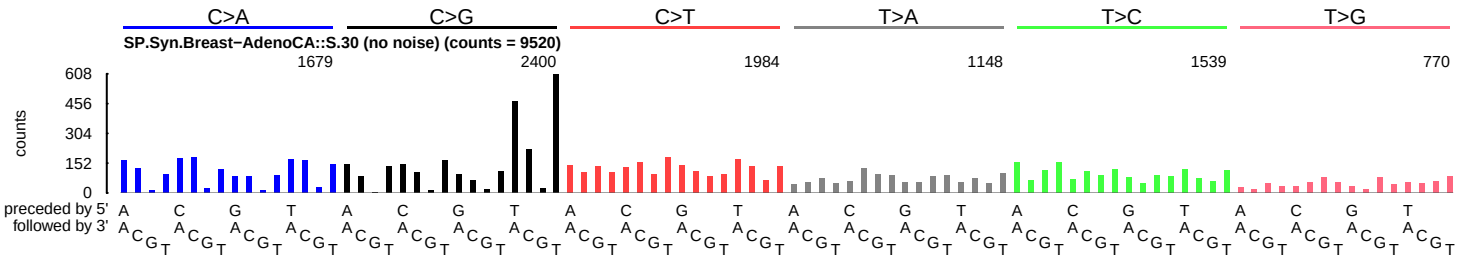

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Breast−AdenoCA::S.25 (no noise) (counts = 4932)
889
1145
2047
229
442
180
counts
624
468
312
156
0
preceded by 5'
followed by 3'

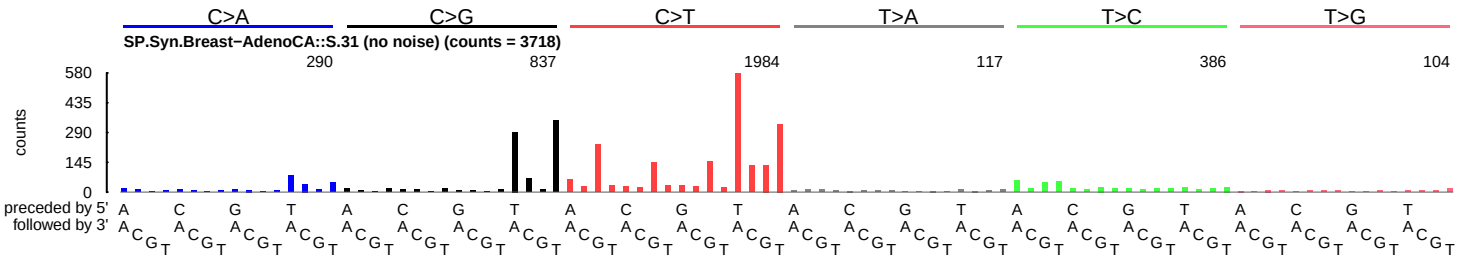

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Breast−AdenoCA::S.26 (no noise) (counts = 10248)
1111
3119
4764
253
778
223
counts
1980
1485
990
495
0
preceded by 5'
followed by 3'

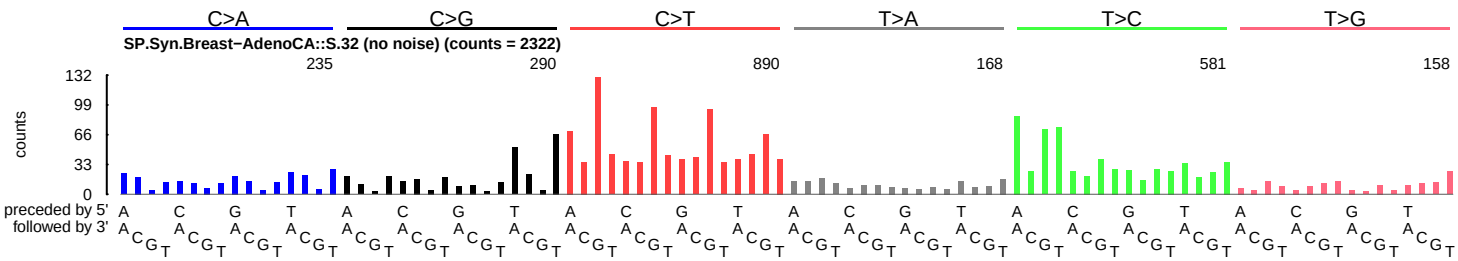

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Breast−AdenoCA::S.27 (no noise) (counts = 8373)
1091
1160
2649
876
1908
689
counts
324
243
162
81
0
preceded by 5'
followed by 3'

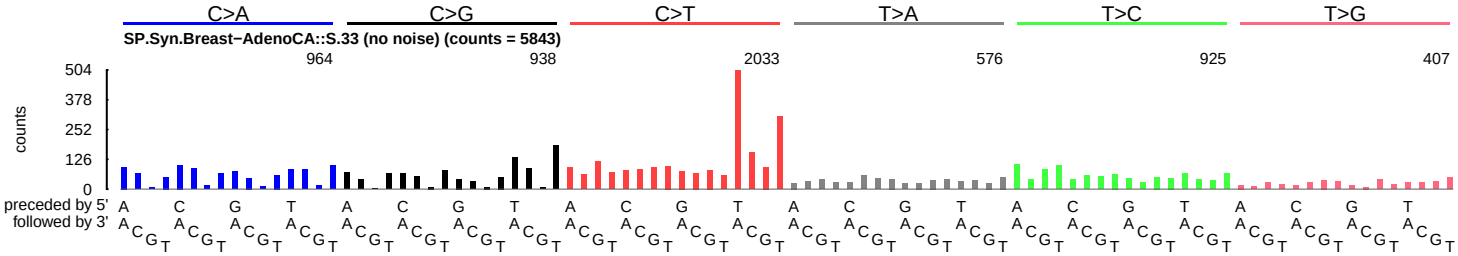

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Breast−AdenoCA::S.28 (no noise) (counts = 2871)
157
141
1916
123
420
114
counts
576
432
288
144
0
preceded by 5'
followed by 3'

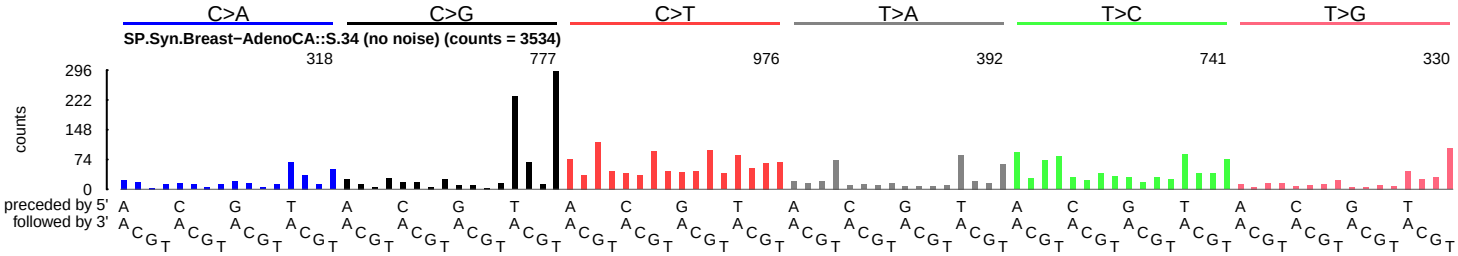

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Breast−AdenoCA::S.29 (no noise) (counts = 14137)
1414
2299
8025
804
1064
531
counts
3452
2589
1726
863
0
preceded by 5'
followed by 3'

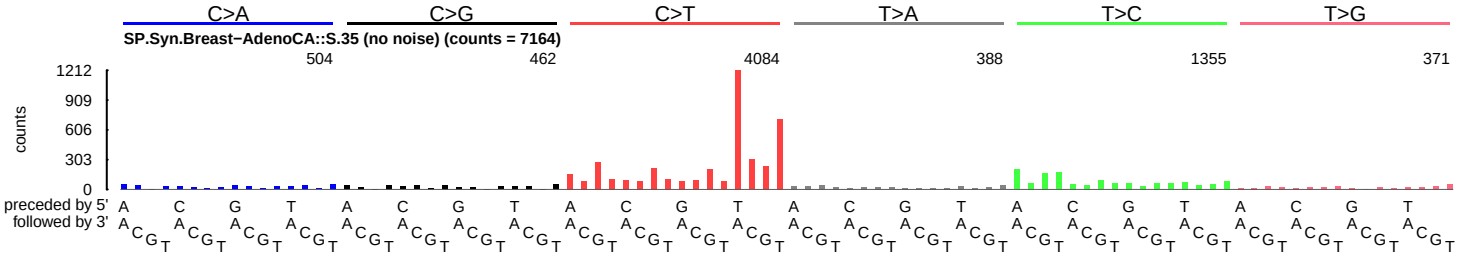

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Breast−AdenoCA::S.30 (no noise) (counts = 9520)
1679
2400
1984
1148
1539
770
counts
608
456
304
152
0
preceded by 5'
followed by 3'

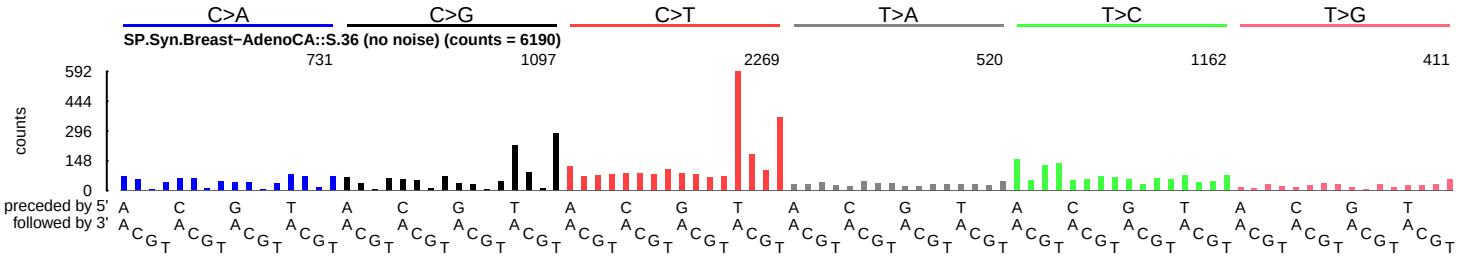

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Breast−AdenoCA::S.31 (no noise) (counts = 3718)
290
837
1984
117
386
104
counts
580
435
290
145
0
preceded by 5'
followed by 3'

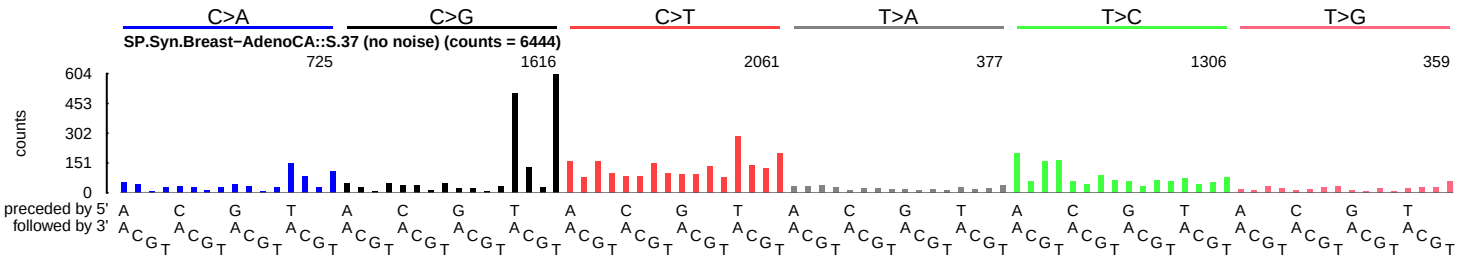

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Breast−AdenoCA::S.32 (no noise) (counts = 2322)
235
290
890
168
581
158
counts
132
99
66
33
0
preceded by 5'
followed by 3'

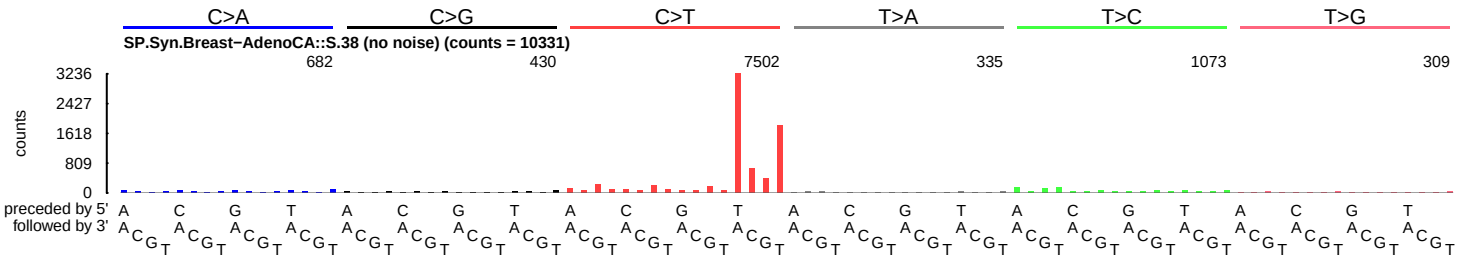

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Breast−AdenoCA::S.33 (no noise) (counts = 5843)
964
938
2033
576
925
407
counts
504
378
252
126
0
preceded by 5'
followed by 3'

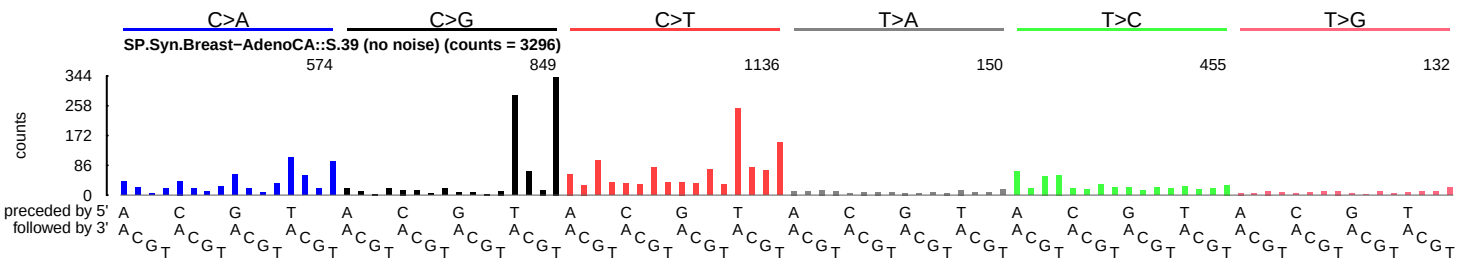

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Breast−AdenoCA::S.34 (no noise) (counts = 3534)
318
777
976
392
741
330
counts
296
222
148
74
0
preceded by 5'
followed by 3'

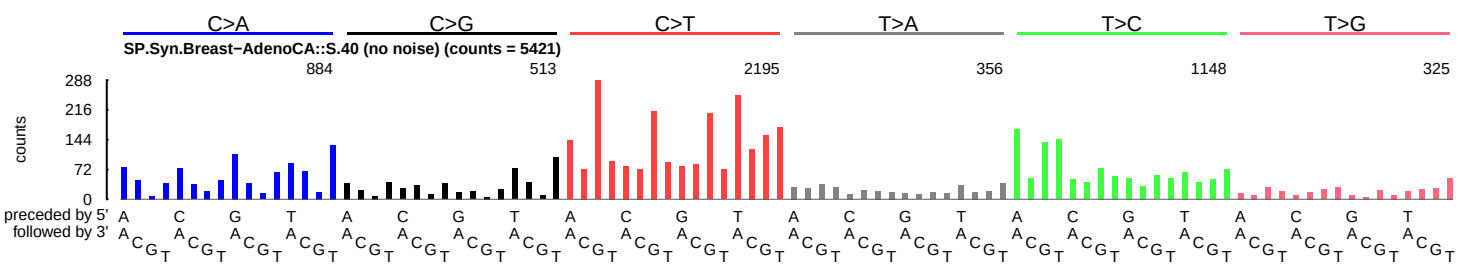

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Breast−AdenoCA::S.35 (no noise) (counts = 7164)
504
462
4084
388
1355
371
counts
1212
909
606
303
0
preceded by 5'
followed by 3'

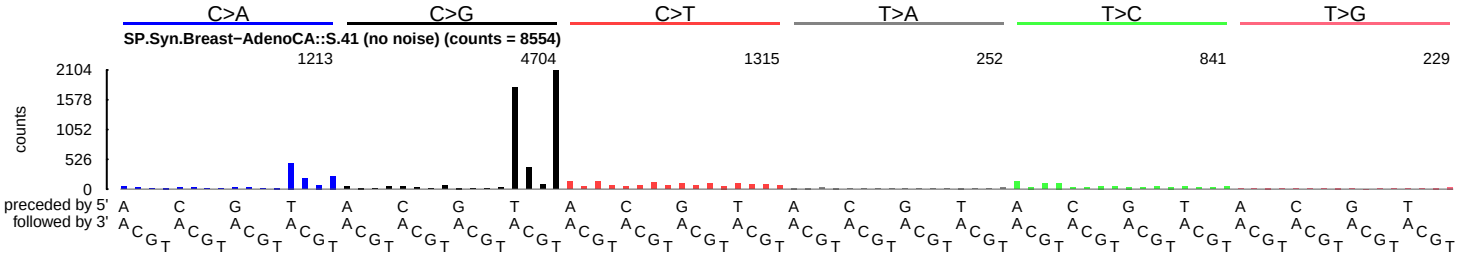

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Breast−AdenoCA::S.36 (no noise) (counts = 6190)
731
1097
2269
520
1162
411
counts
592
444
296
148
0
preceded by 5'
followed by 3'

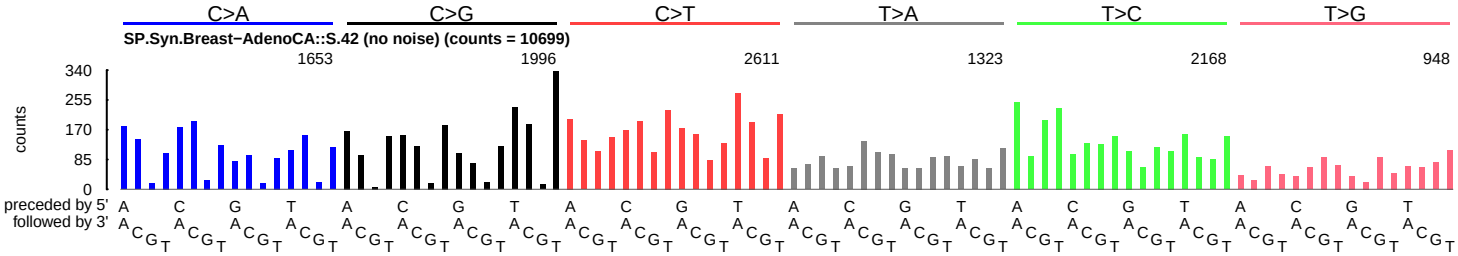

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Breast−AdenoCA::S.37 (no noise) (counts = 6444)
725
1616
2061
377
1306
359
counts
604
453
302
151
0
preceded by 5'
followed by 3'

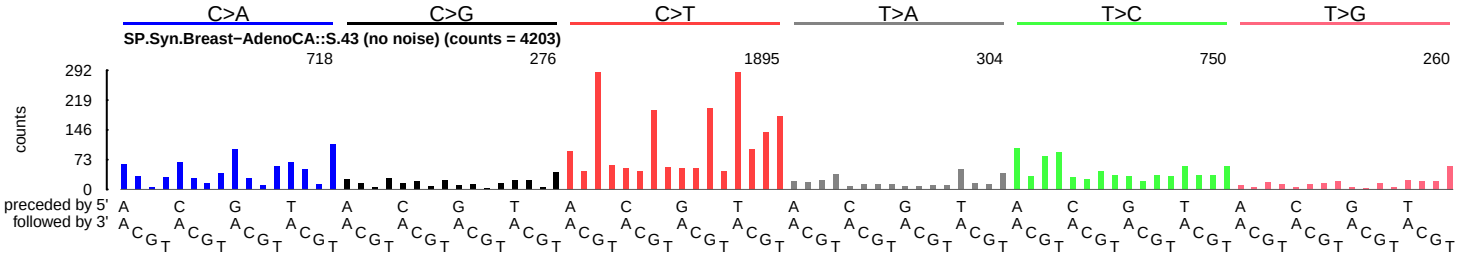

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Breast−AdenoCA::S.38 (no noise) (counts = 10331)
682
430
7502
335
1073
309
counts
3236
2427
1618
809
0
preceded by 5'
followed by 3'

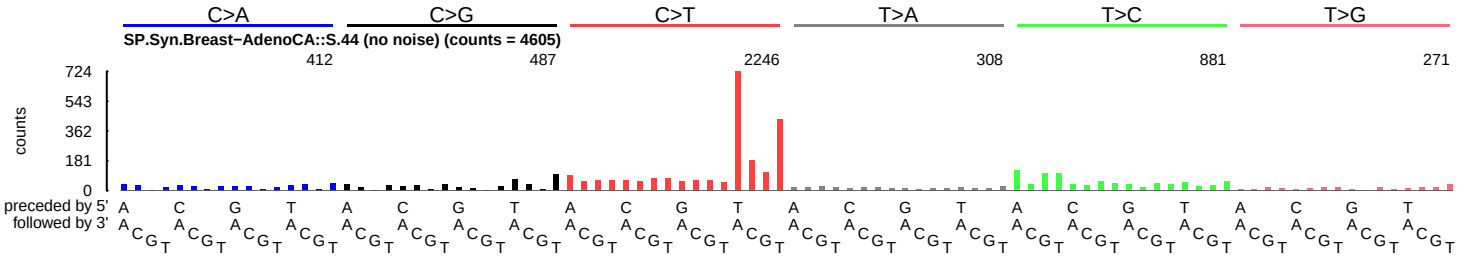

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Breast−AdenoCA::S.39 (no noise) (counts = 3296)
574
849
1136
150
455
132
counts
344
258
172
86
0
preceded by 5'
followed by 3'

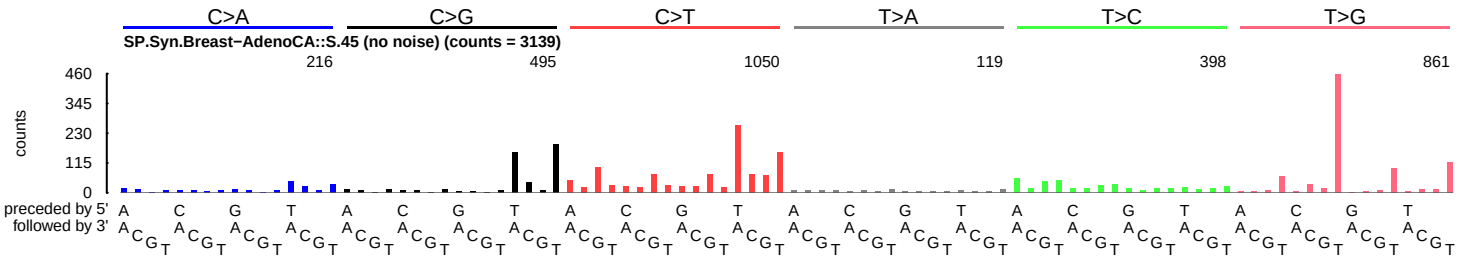

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Breast−AdenoCA::S.40 (no noise) (counts = 5421)
884
513
2195
356
1148
325
counts
288
216
144
72
0
preceded by 5'
followed by 3'

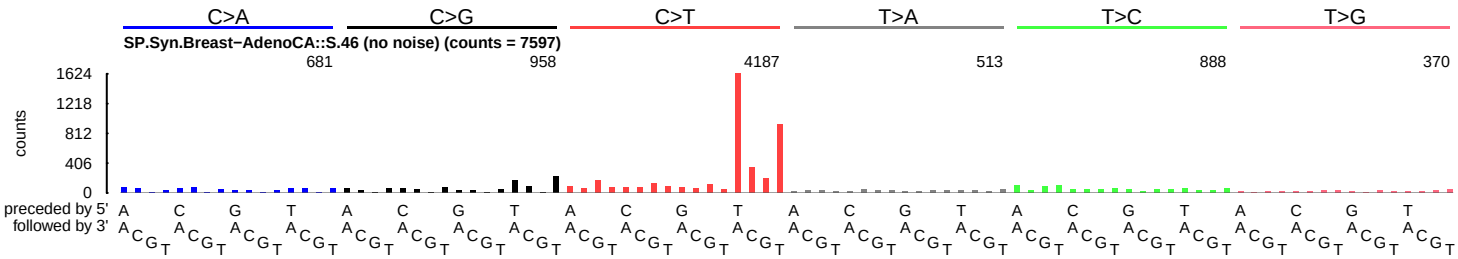

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Breast−AdenoCA::S.41 (no noise) (counts = 8554)
1213
4704
1315
252
841
229
counts
2104
1578
1052
526
0
preceded by 5'
followed by 3'

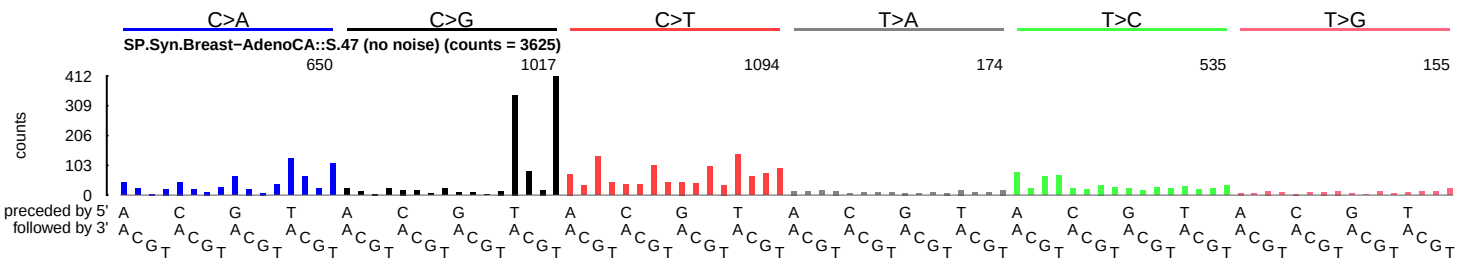

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Breast−AdenoCA::S.42 (no noise) (counts = 10699)
1653
1996
2611
1323
2168
948
counts
340
255
170
85
0
preceded by 5'
followed by 3'

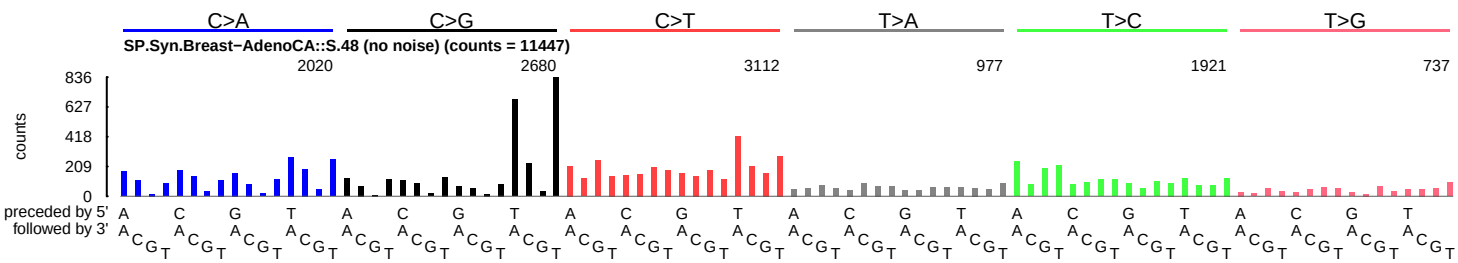

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Breast−AdenoCA::S.43 (no noise) (counts = 4203)
718
276
1895
304
750
260
counts
292
219
146
73
0
preceded by 5'
followed by 3'

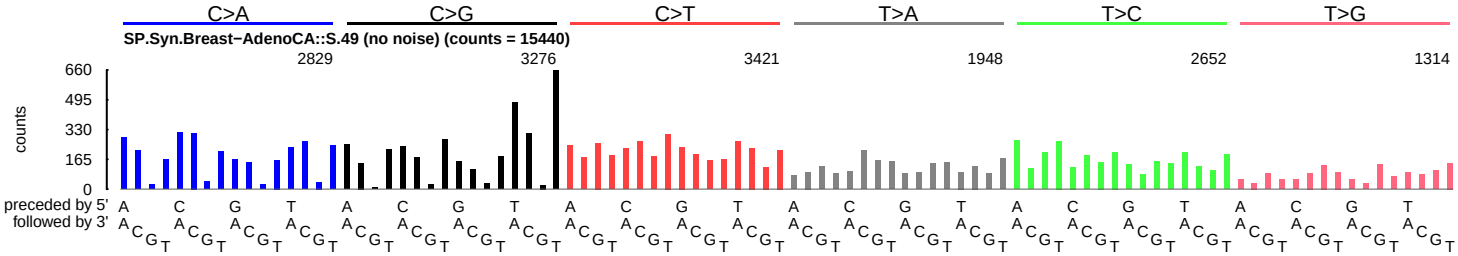

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Breast−AdenoCA::S.44 (no noise) (counts = 4605)
412
487
2246
308
881
271
counts
724
543
362
181
0
preceded by 5'
followed by 3'

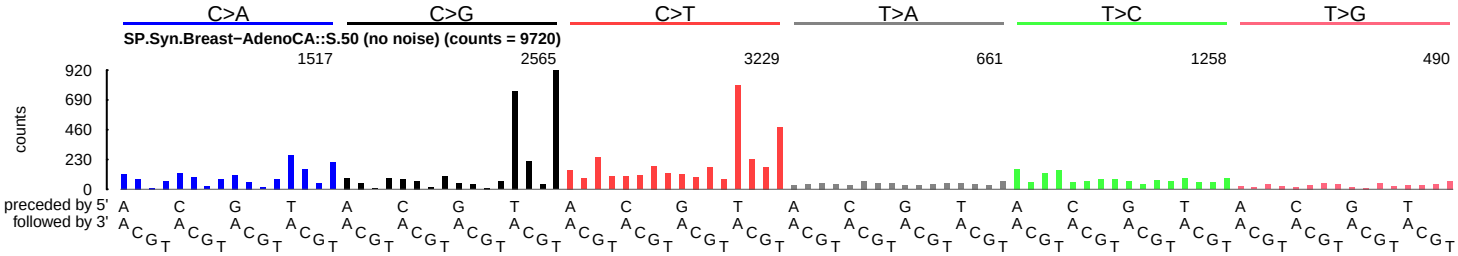

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Breast−AdenoCA::S.45 (no noise) (counts = 3139)
216
495
1050
119
398
861
counts
460
345
230
115
0
preceded by 5'
followed by 3'

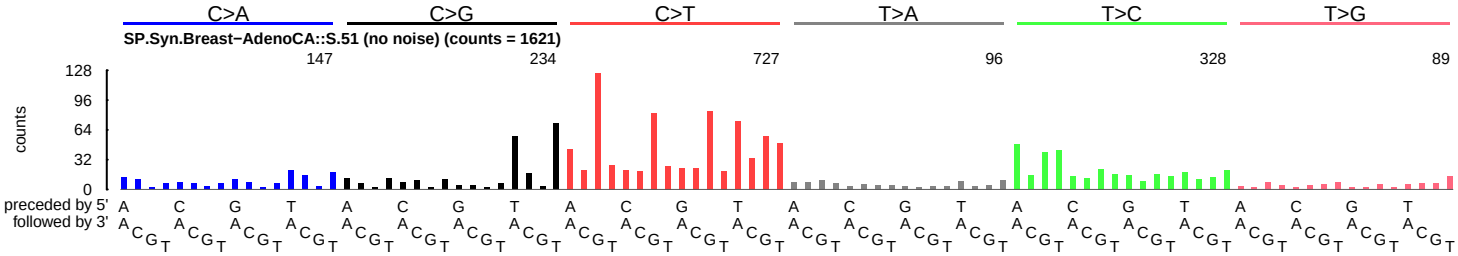

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Breast−AdenoCA::S.46 (no noise) (counts = 7597)
681
958
4187
513
888
370
counts
1624
1218
812
406
0
preceded by 5'
followed by 3'

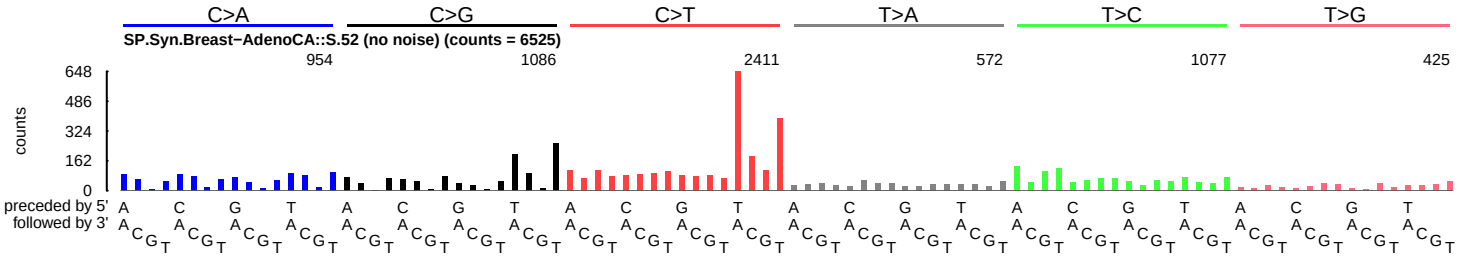

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Breast−AdenoCA::S.47 (no noise) (counts = 3625)
650
1017
1094
174
535
155
counts
412
309
206
103
0
preceded by 5'
followed by 3'

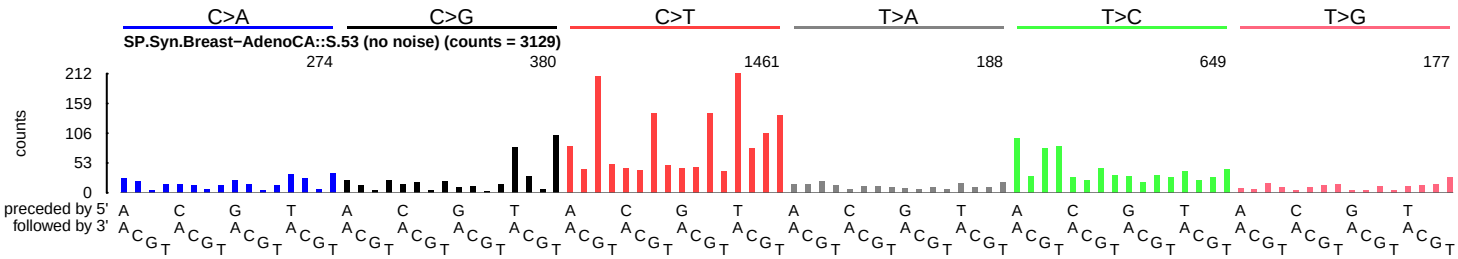

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Breast−AdenoCA::S.48 (no noise) (counts = 11447)
2020
2680
3112
977
1921
737
counts
836
627
418
209
0
preceded by 5'
followed by 3'

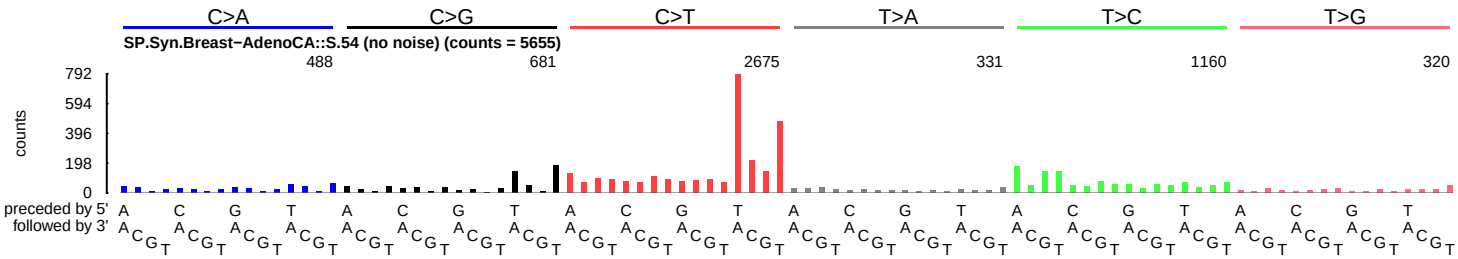

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Breast−AdenoCA::S.49 (no noise) (counts = 15440)
2829
3276
3421
1948
2652
1314
660
495
330
165
0
counts
preceded by 5'
followed by 3'

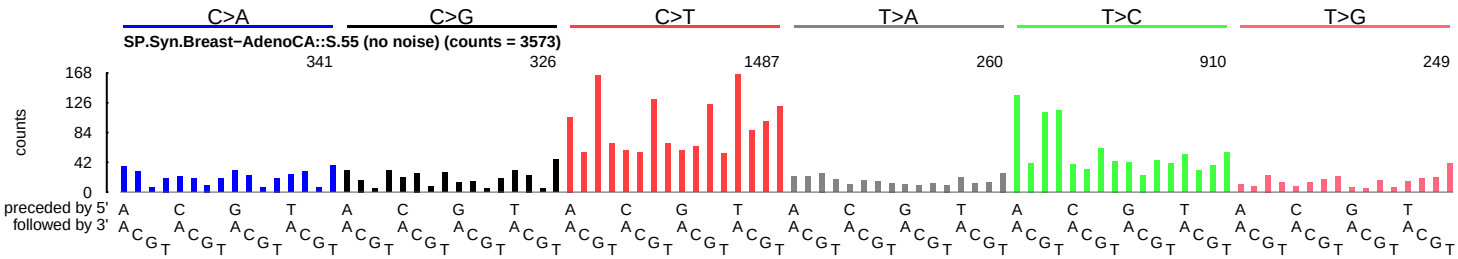

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Breast−AdenoCA::S.50 (no noise) (counts = 9720)
1517
2565
3229
661
1258
490
920
690
460
230
0
counts
preceded by 5'
followed by 3'

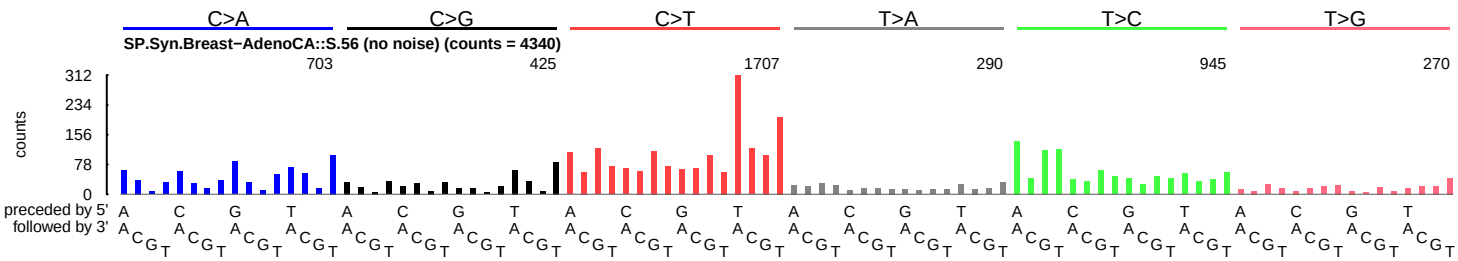

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Breast−AdenoCA::S.51 (no noise) (counts = 1621)
147
234
727
96
328
89
128
96
64
32
0
counts
preceded by 5'
followed by 3'

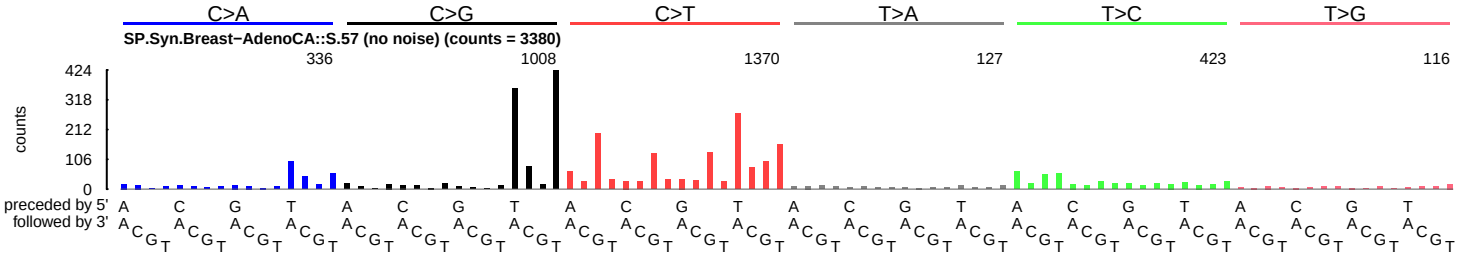

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Breast−AdenoCA::S.52 (no noise) (counts = 6525)
954
1086
2411
572
1077
425
648
486
324
162
0
counts
preceded by 5'
followed by 3'

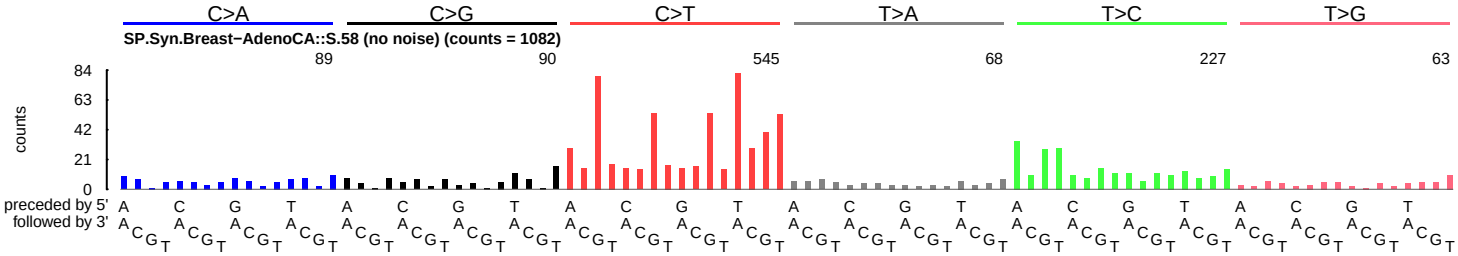

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Breast−AdenoCA::S.53 (no noise) (counts = 3129)
274
380
1461
188
649
177
212
159
106
53
0
counts
preceded by 5'
followed by 3'

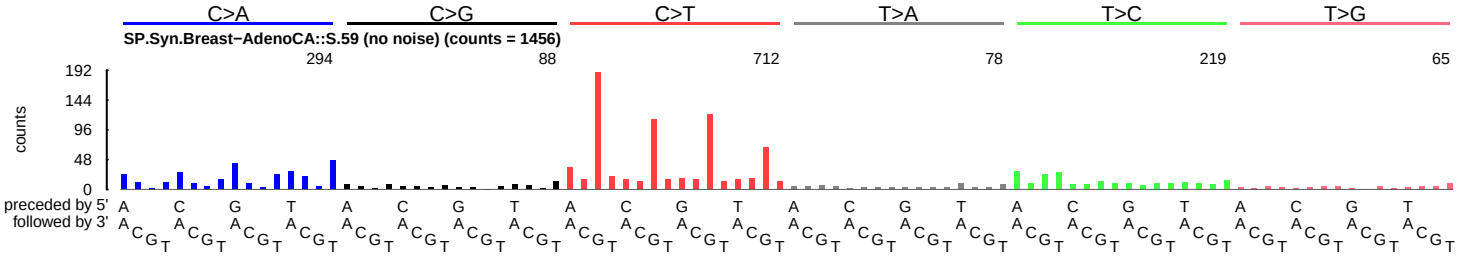

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Breast−AdenoCA::S.54 (no noise) (counts = 5655)
488
681
2675
331
1160
320
792
594
396
198
0
counts
preceded by 5'
followed by 3'

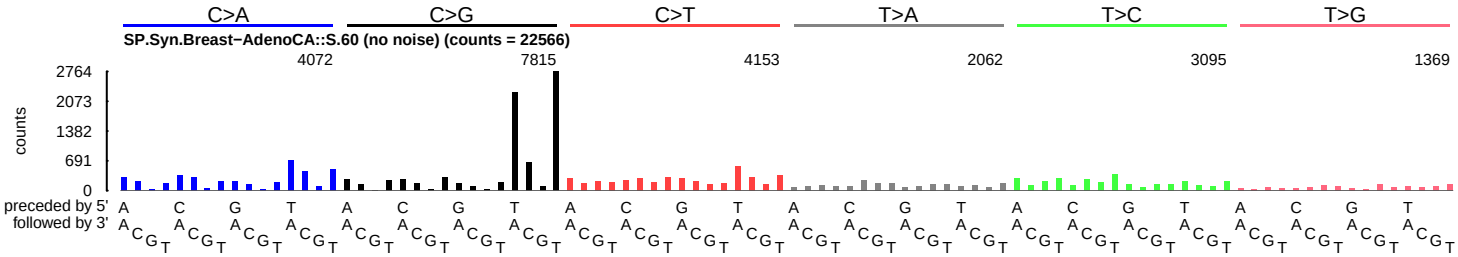

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Breast−AdenoCA::S.55 (no noise) (counts = 3573)
341
326
1487
260
910
249
168
126
84
42
0
counts
preceded by 5'
followed by 3'

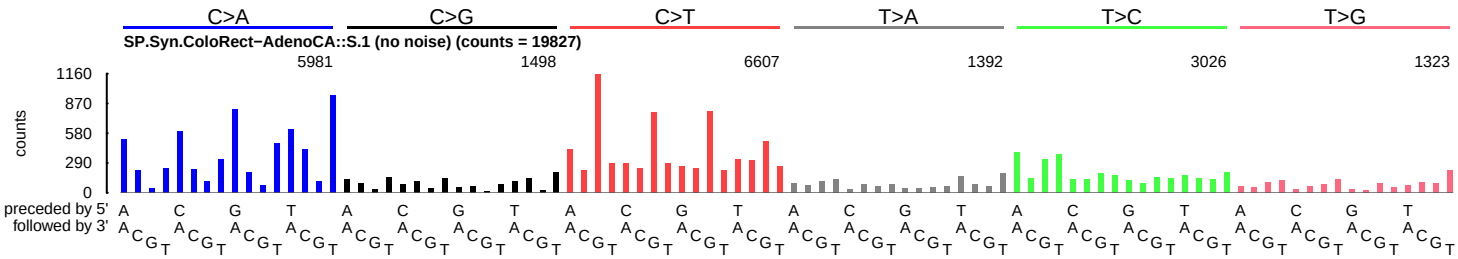

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Breast−AdenoCA::S.56 (no noise) (counts = 4340)
703
425
1707
290
945
270
312
234
156
78
0
counts
preceded by 5'
followed by 3'

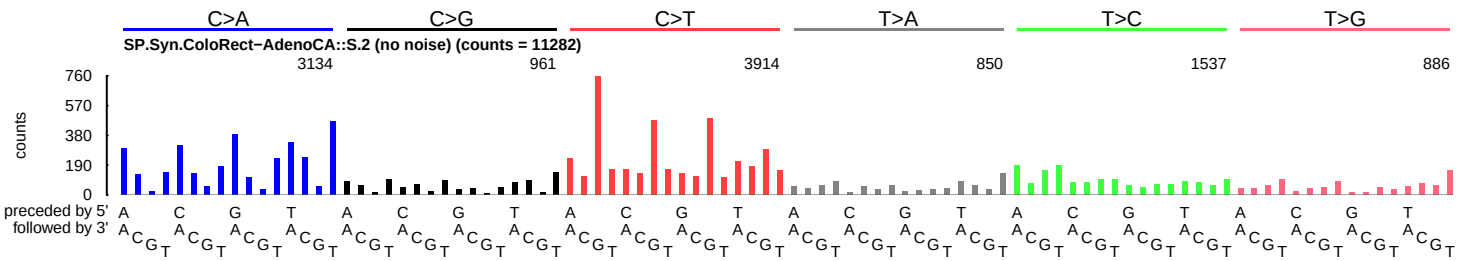

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Breast−AdenoCA::S.57 (no noise) (counts = 3380)
336
1008
1370
127
423
116
counts
424
318
212
106
0
preceded by 5'
followed by 3'

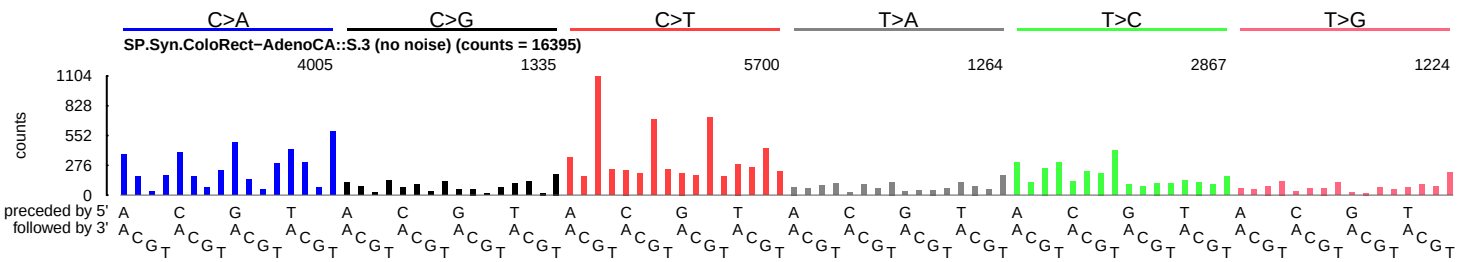

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Breast−AdenoCA::S.58 (no noise) (counts = 1082)
89
90
545
68
227
63
counts
84
63
42
21
0
preceded by 5'
followed by 3'

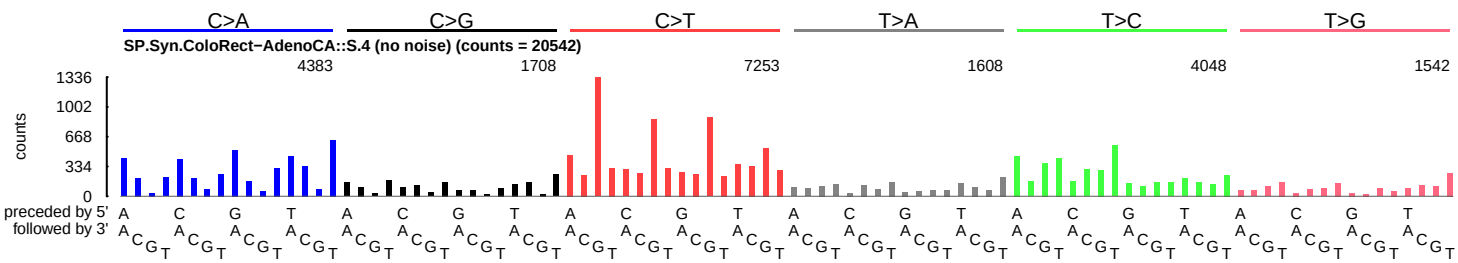

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Breast−AdenoCA::S.59 (no noise) (counts = 1456)
294
88
712
78
219
65
counts
192
144
96
48
0
preceded by 5'
followed by 3'

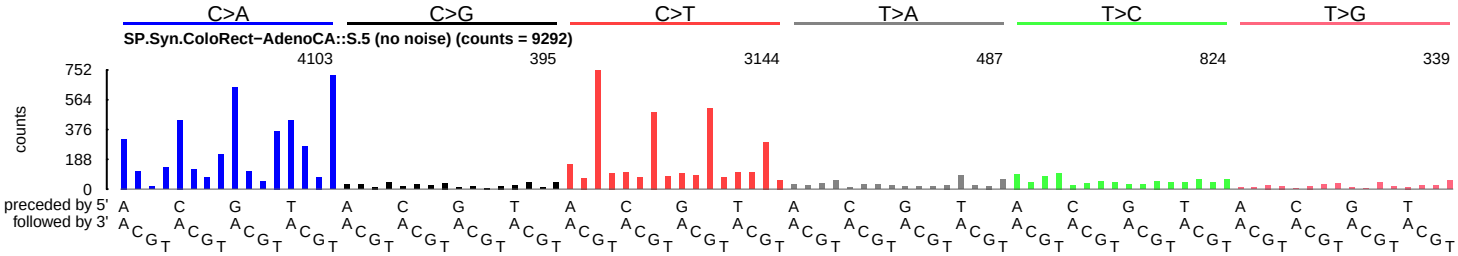

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Breast−AdenoCA::S.60 (no noise) (counts = 22566)
4072
7815
4153
2062
3095
1369
counts
2764
2073
1382
691
0
preceded by 5'
followed by 3'

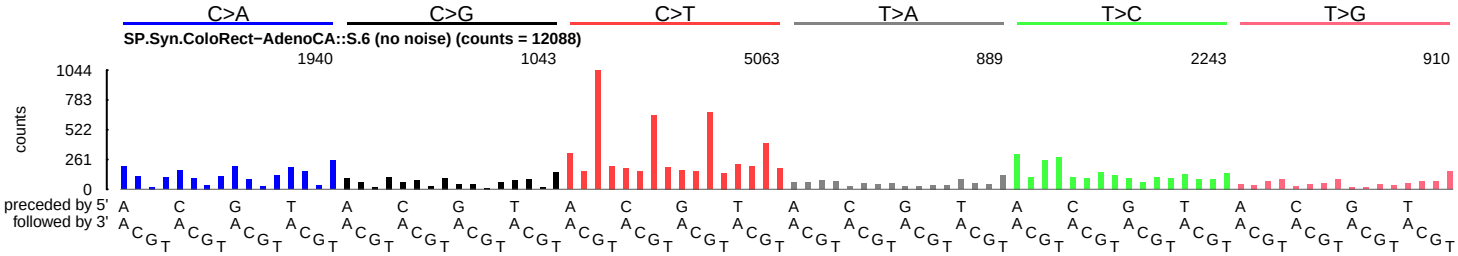

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.ColoRect−AdenoCA::S.1 (no noise) (counts = 19827)
5981
1498
6607
1392
3026
1323
counts
1160
870
580
290
0
preceded by 5'
followed by 3'

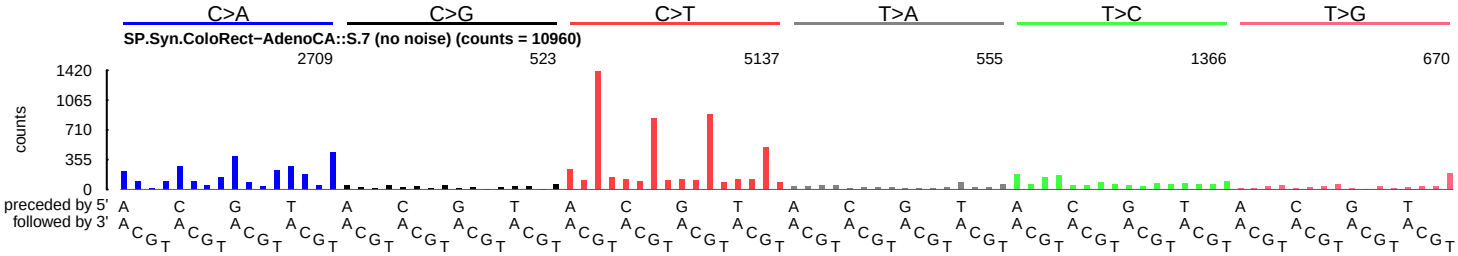

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.ColoRect−AdenoCA::S.2 (no noise) (counts = 11282)
3134
961
3914
850
1537
886
counts
760
570
380
190
0
preceded by 5'
followed by 3'

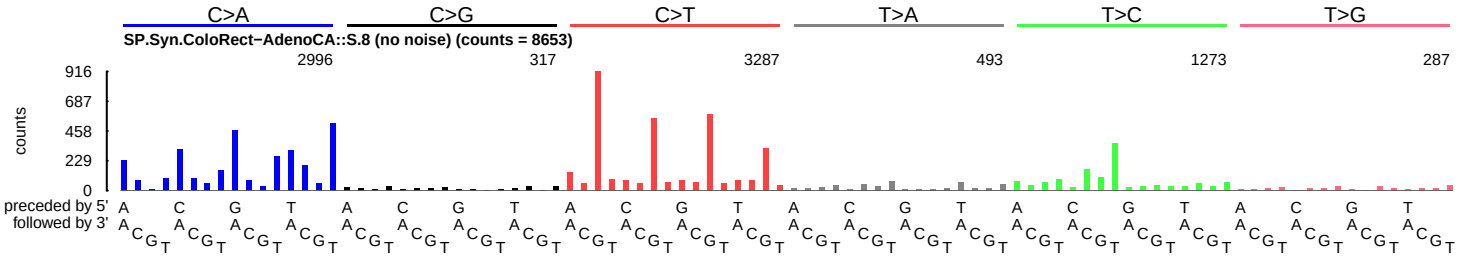

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.ColoRect−AdenoCA::S.3 (no noise) (counts = 16395)
4005
1335
5700
1264
2867
1224
counts
1104
828
552
276
0
preceded by 5'
followed by 3'

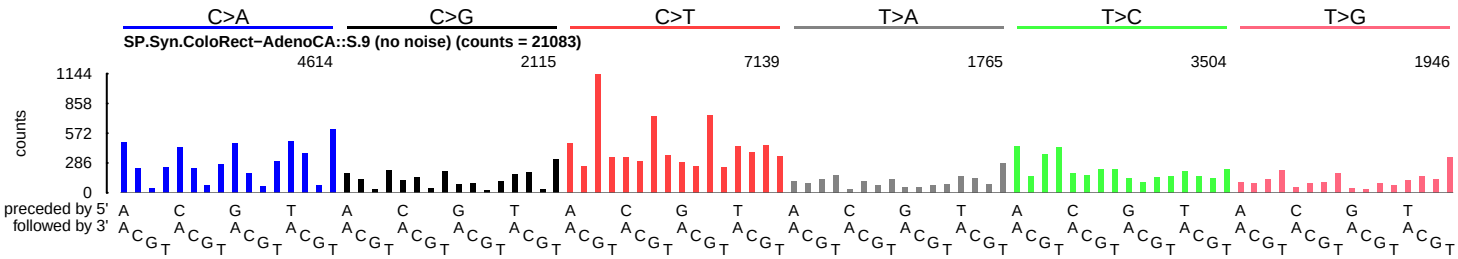

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.ColoRect−AdenoCA::S.4 (no noise) (counts = 20542)
4383
1708
7253
1608
4048
1542
counts
1336
1002
668
334
0
preceded by 5'
followed by 3'

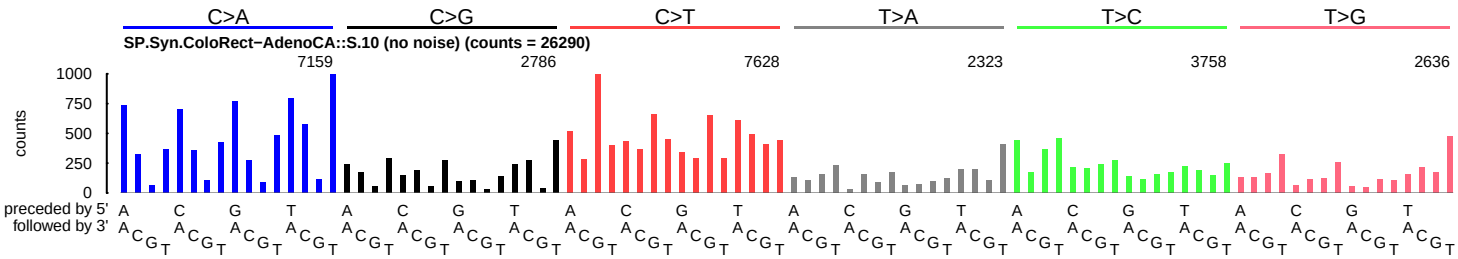

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.ColoRect−AdenoCA::S.5 (no noise) (counts = 9292)
4103
395
3144
487
824
339
counts
752
564
376
188
0
preceded by 5'
followed by 3'

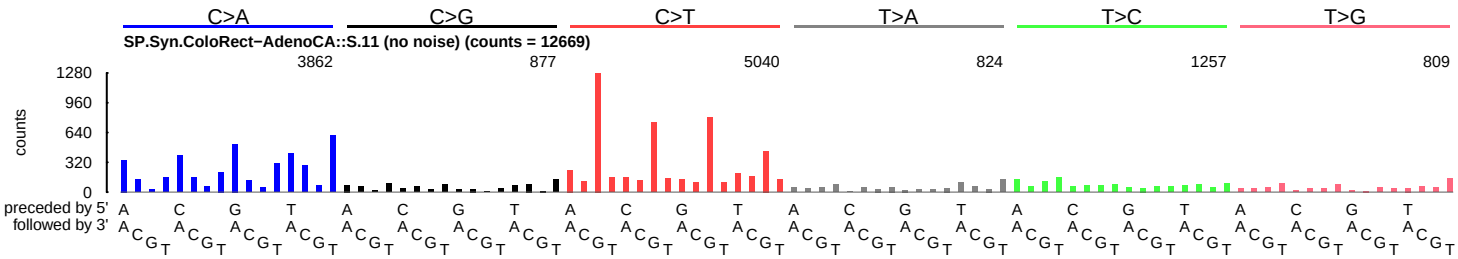

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.ColoRect−AdenoCA::S.6 (no noise) (counts = 12088)
1940
1043
5063
889
2243
910
counts
1044
783
522
261
0
preceded by 5'
followed by 3'

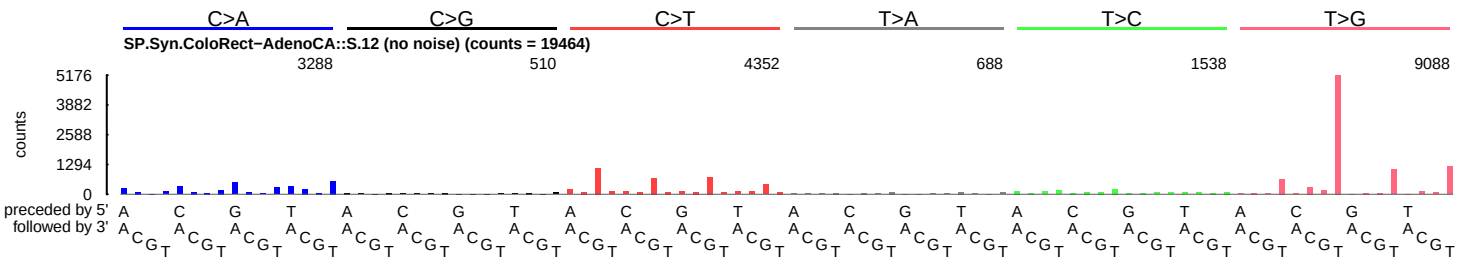

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.ColoRect−AdenoCA::S.7 (no noise) (counts = 10960)
2709
523
5137
555
1366
670
counts
1420
1065
710
355
0
preceded by 5'
followed by 3'

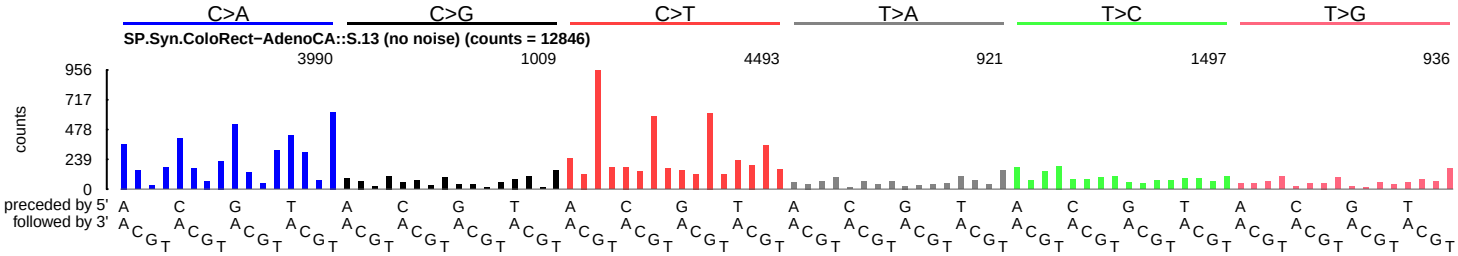

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.ColoRect−AdenoCA::S.8 (no noise) (counts = 8653)
2996
317
3287
493
1273
287
counts
916
687
458
229
0
preceded by 5'
followed by 3'

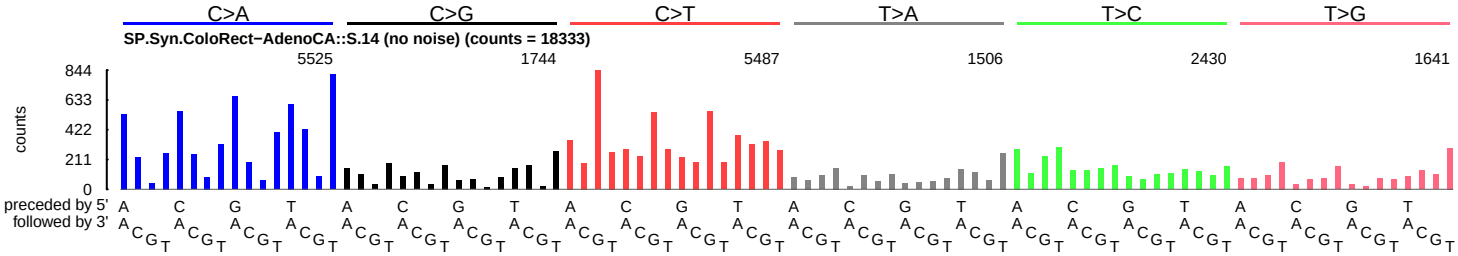

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.ColoRect−AdenoCA::S.9 (no noise) (counts = 21083)
4614
2115
7139
1765
3504
1946
counts
1144
858
572
286
0
preceded by 5'
followed by 3'

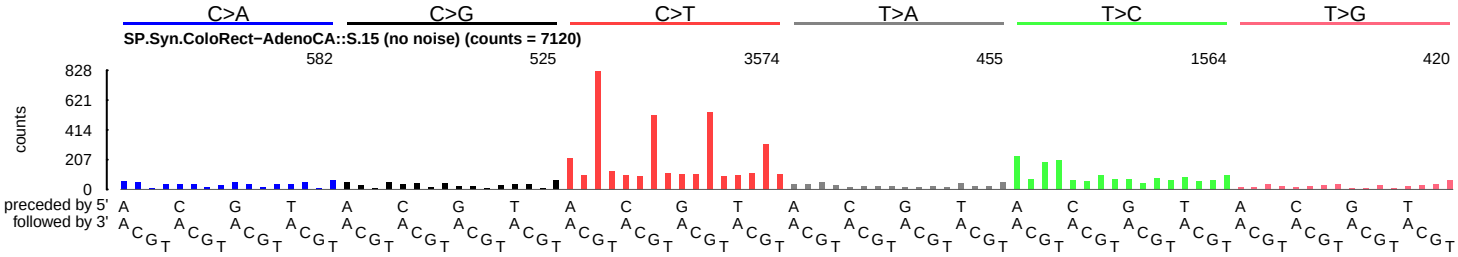

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.ColoRect−AdenoCA::S.10 (no noise) (counts = 26290)
7159
2786
7628
2323
3758
2636
counts
1000
750
500
250
0
preceded by 5'
followed by 3'

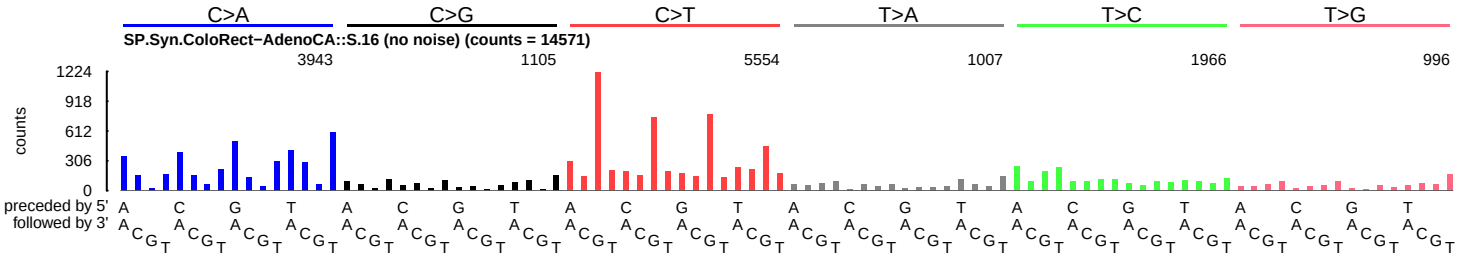

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.ColoRect−AdenoCA::S.11 (no noise) (counts = 12669)
3862
877
5040
824
1257
809
counts
1280
960
640
320
0
preceded by 5'
followed by 3'

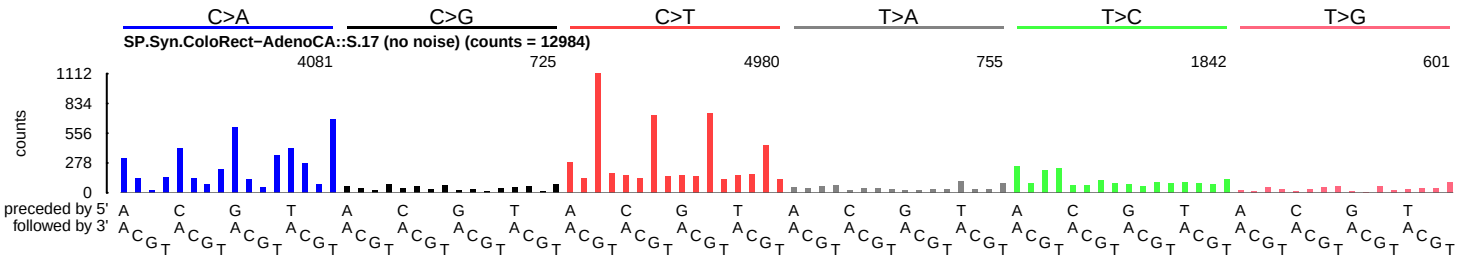

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.ColoRect−AdenoCA::S.12 (no noise) (counts = 19464)
3288
510
4352
688
1538
9088
counts
5176
3882
2588
1294
0
preceded by 5'
followed by 3'

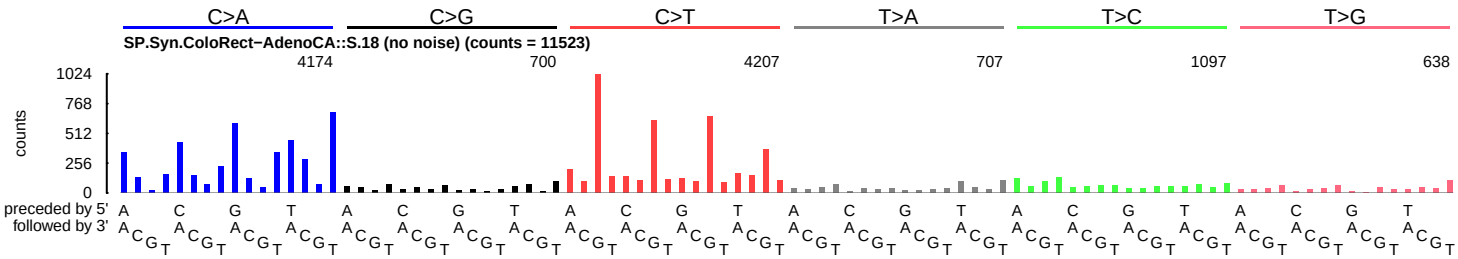

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.ColoRect−AdenoCA::S.13 (no noise) (counts = 12846)
3990
1009
4493
921
1497
936
counts
956
717
478
239
0
preceded by 5'
followed by 3'

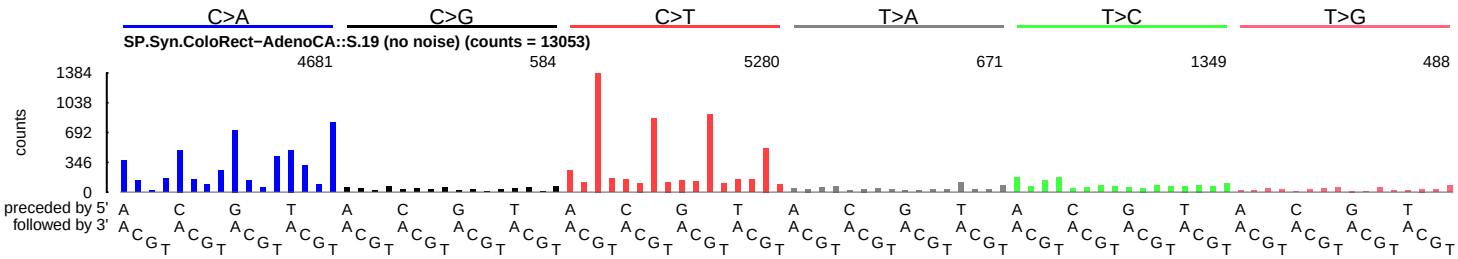

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.ColoRect−AdenoCA::S.14 (no noise) (counts = 18333)
5525
1744
5487
1506
2430
1641
counts
844
633
422
211
0
preceded by 5'
followed by 3'

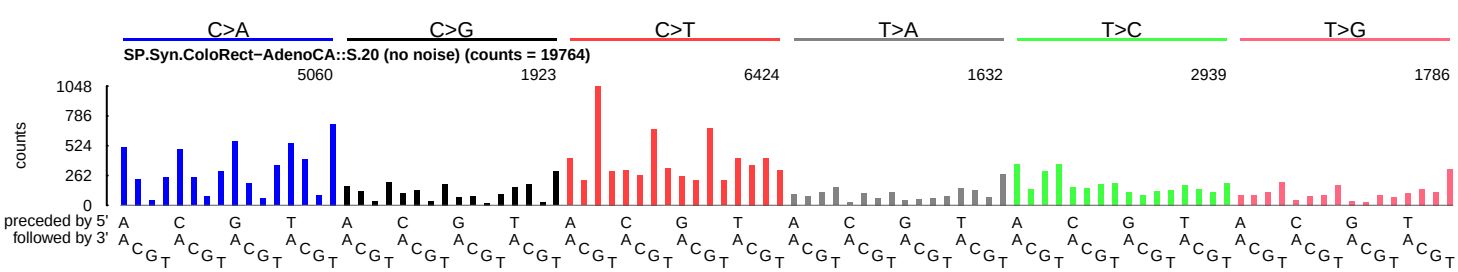

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.ColoRect−AdenoCA::S.15 (no noise) (counts = 7120)
582
525
3574
455
1564
420
counts
828
621
414
207
0
preceded by 5'
followed by 3'

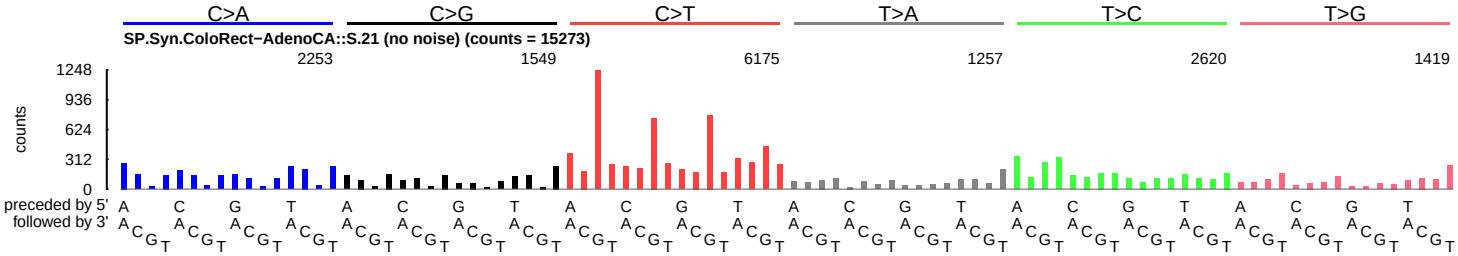

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.ColoRect−AdenoCA::S.16 (no noise) (counts = 14571)
3943
1105
5554
1007
1966
996
counts
1224
918
612
306
0
preceded by 5'
followed by 3'

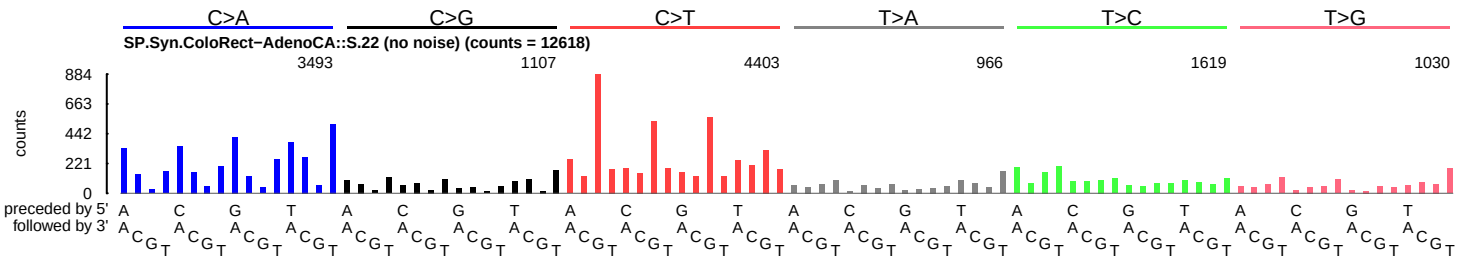

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.ColoRect−AdenoCA::S.17 (no noise) (counts = 12984)
4081
725
4980
755
1842
601
counts
1112
834
556
278
0
preceded by 5'
followed by 3'

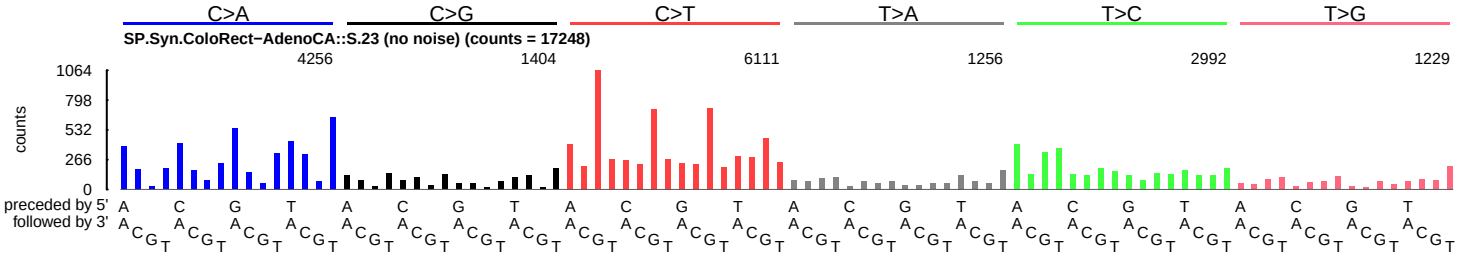

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.ColoRect−AdenoCA::S.18 (no noise) (counts = 11523)
4174
700
4207
707
1097
638
counts
1024
768
512
256
0
preceded by 5'
followed by 3'

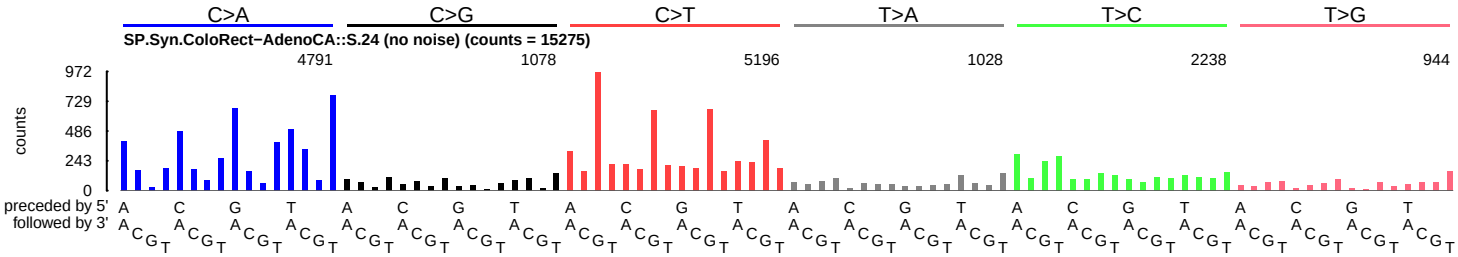

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.ColoRect−AdenoCA::S.19 (no noise) (counts = 13053)
4681
584
5280
671
1349
488
counts
1384
1038
692
346
0
preceded by 5'
followed by 3'

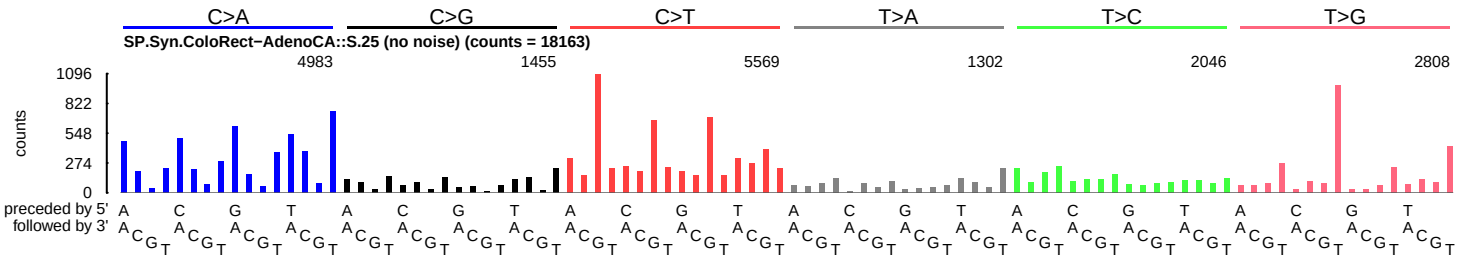

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.ColoRect−AdenoCA::S.20 (no noise) (counts = 19764)
5060
1923
6424
1632
2939
1786
counts
1048
786
524
262
0
preceded by 5'
followed by 3'

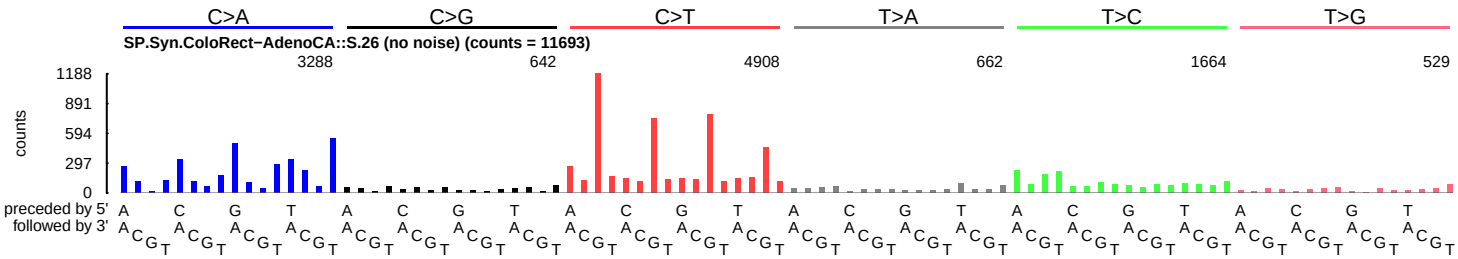

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.ColoRect−AdenoCA::S.21 (no noise) (counts = 15273)
2253
1549
6175
1257
2620
1419
counts
1248
936
624
312
0
preceded by 5'
followed by 3'

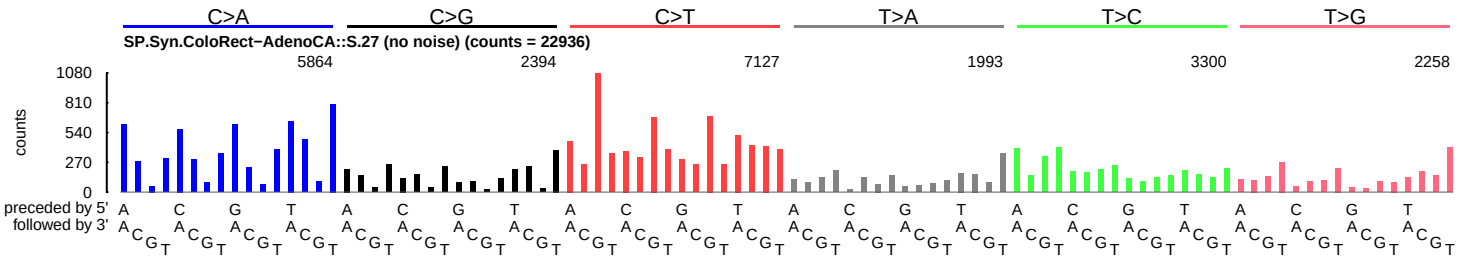

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.ColoRect−AdenoCA::S.22 (no noise) (counts = 12618)
3493
1107
4403
966
1619
1030
counts
884
663
442
221
0
preceded by 5'
followed by 3'

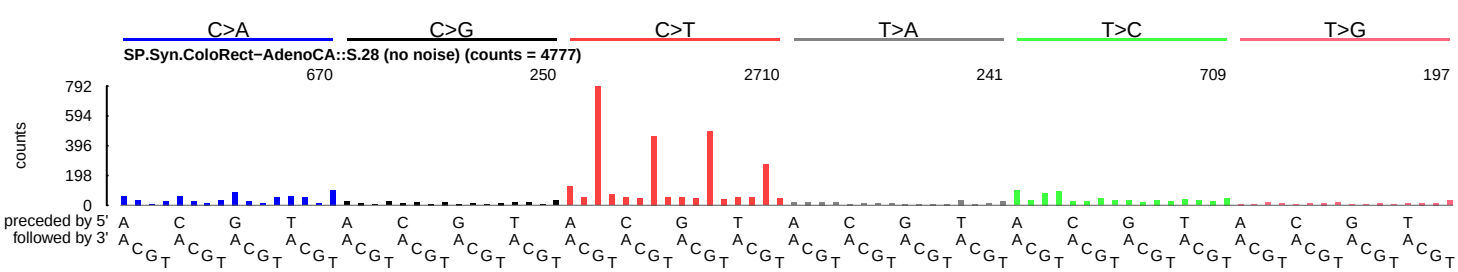

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.ColoRect−AdenoCA::S.23 (no noise) (counts = 17248)
4256
1404
6111
1256
2992
1229
counts
1064
798
532
266
0
preceded by 5'
followed by 3'

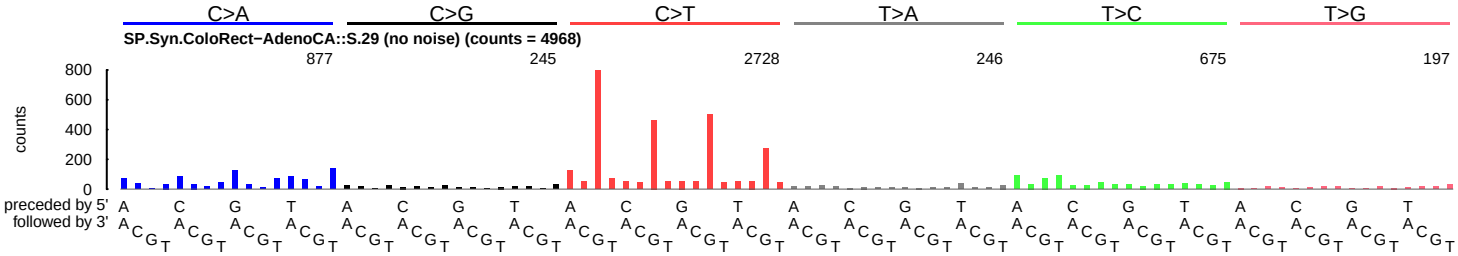

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.ColoRect−AdenoCA::S.24 (no noise) (counts = 15275)
4791
1078
5196
1028
2238
944
counts
972
729
486
243
0
preceded by 5'
followed by 3'

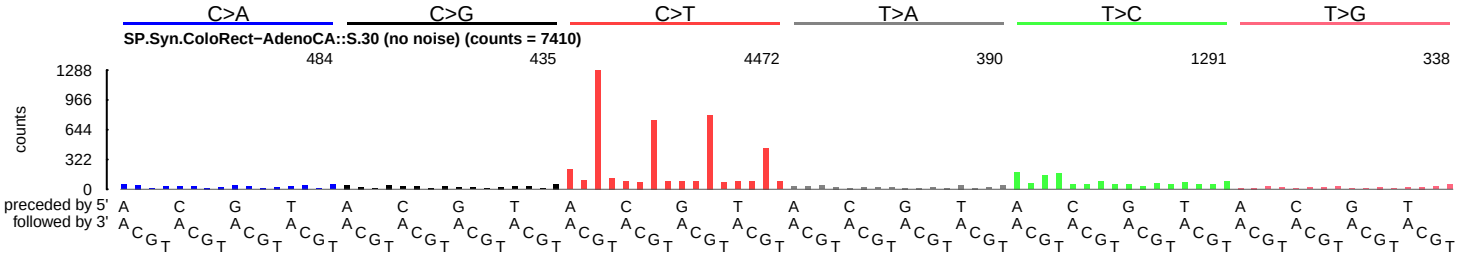

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.ColoRect−AdenoCA::S.25 (no noise) (counts = 18163)
4983
1455
5569
1302
2046
2808
counts
1096
822
548
274
0
preceded by 5'
followed by 3'

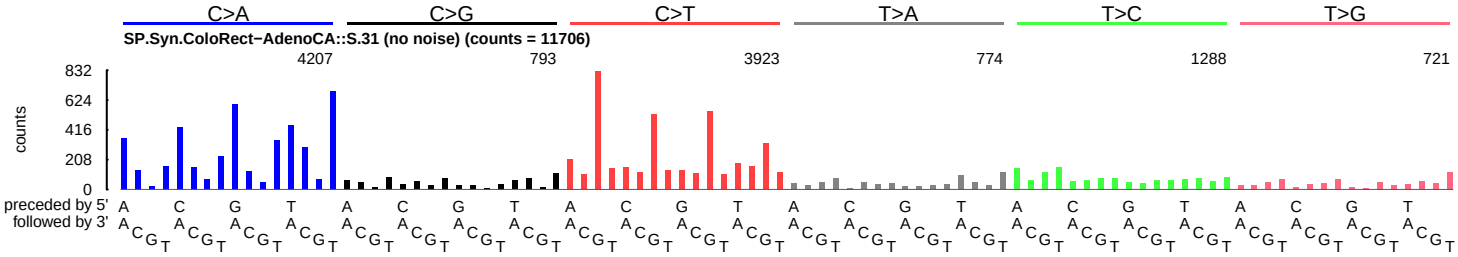

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.ColoRect−AdenoCA::S.26 (no noise) (counts = 11693)
3288
642
4908
662
1664
529
counts
1188
891
594
297
0
preceded by 5'
followed by 3'

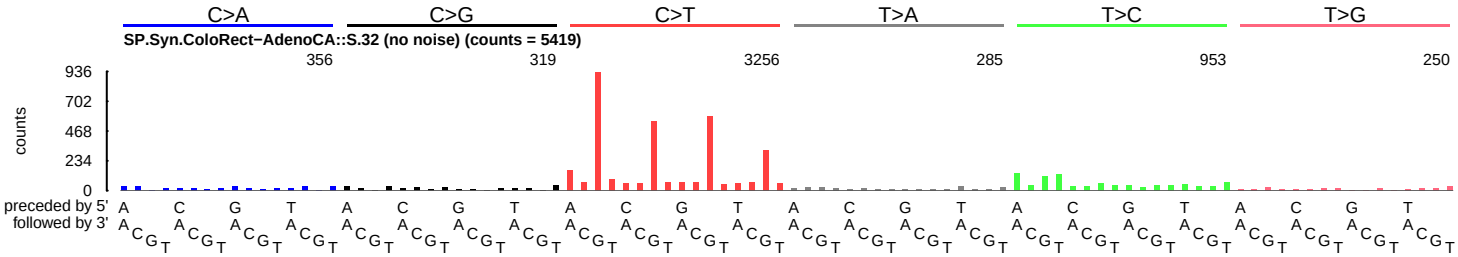

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.ColoRect−AdenoCA::S.27 (no noise) (counts = 22936)
5864
2394
7127
1993
3300
2258
counts
1080
810
540
270
0
preceded by 5'
followed by 3'

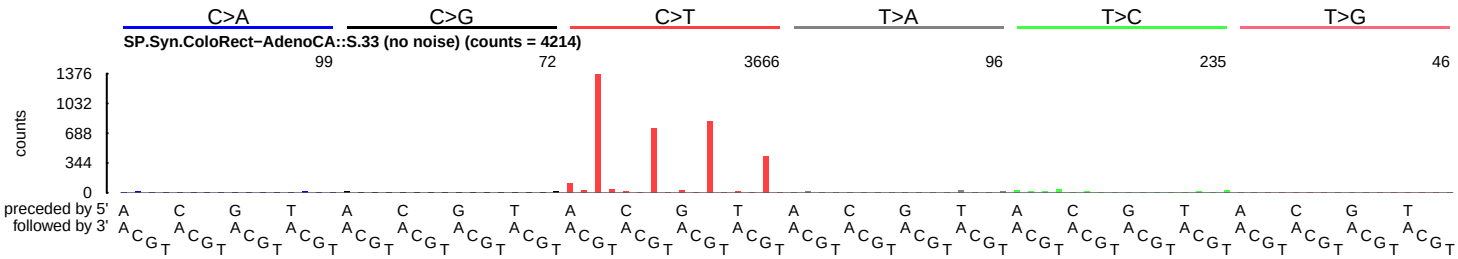

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.ColoRect−AdenoCA::S.28 (no noise) (counts = 4777)
670
250
2710
241
709
197
counts
792
594
396
198
0
preceded by 5'
followed by 3'

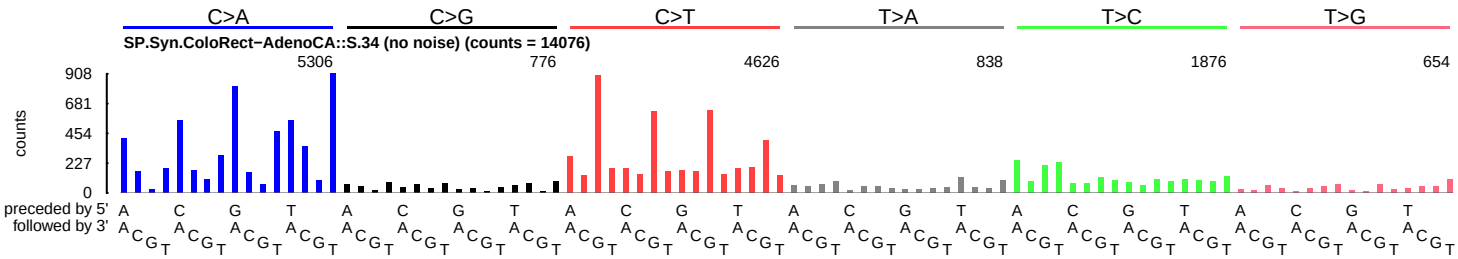

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.ColoRect−AdenoCA::S.29 (no noise) (counts = 4968)
877
245
2728
246
675
197
counts
800
600
400
200
0
preceded by 5'
followed by 3'

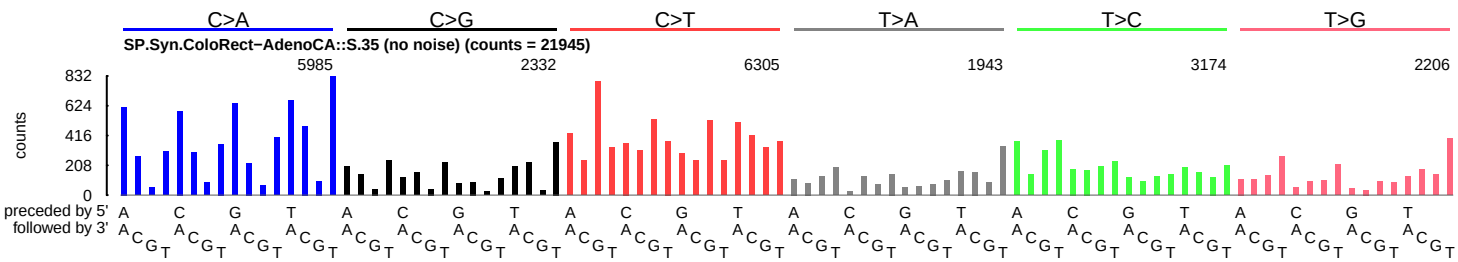

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.ColoRect−AdenoCA::S.30 (no noise) (counts = 7410)
484
435
4472
390
1291
338
counts
1288
966
644
322
0
preceded by 5'
followed by 3'

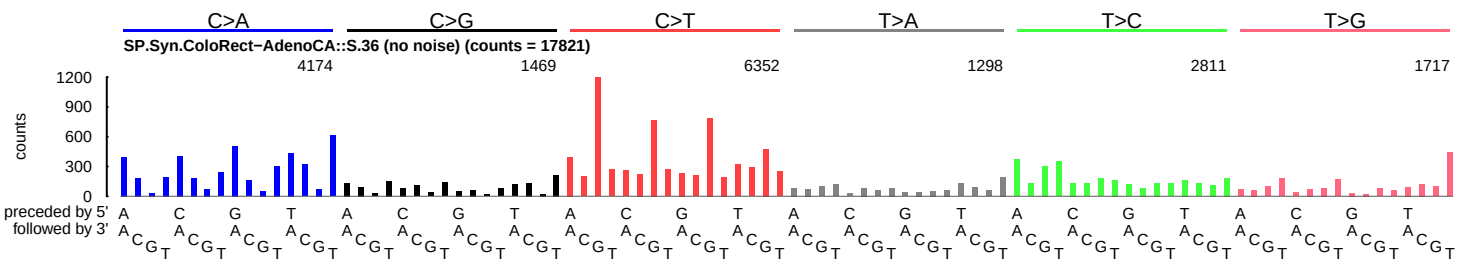

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.ColoRect−AdenoCA::S.31 (no noise) (counts = 11706)
4207
793
3923
774
1288
721
counts
832
624
416
208
0
preceded by 5'
followed by 3'

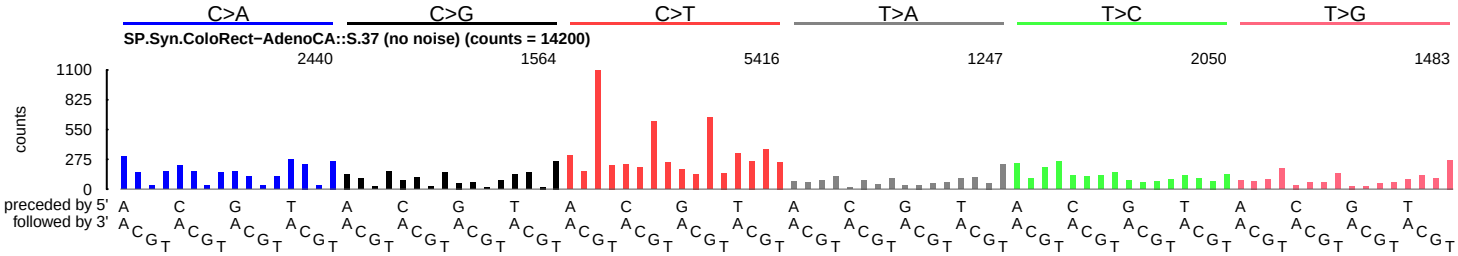

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.ColoRect−AdenoCA::S.32 (no noise) (counts = 5419)
356
319
3256
285
953
250
counts
936
702
468
234
0
preceded by 5'
followed by 3'

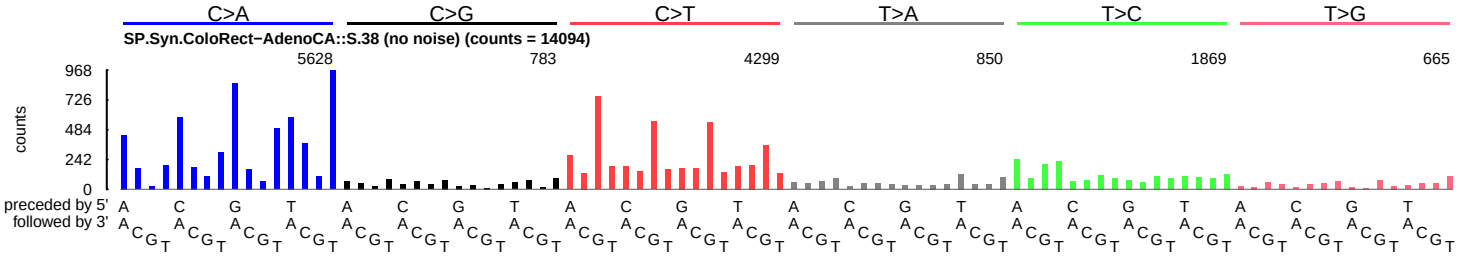

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.ColoRect−AdenoCA::S.33 (no noise) (counts = 4214)
99
72
3666
96
235
46
counts
1376
1032
688
344
0
preceded by 5'
followed by 3'

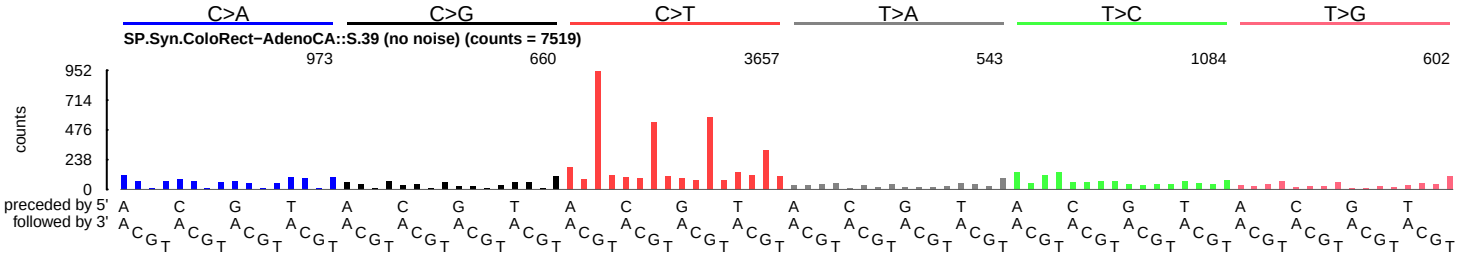

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.ColoRect−AdenoCA::S.34 (no noise) (counts = 14076)
5306
776
4626
838
1876
654
counts
908
681
454
227
0
preceded by 5'
followed by 3'

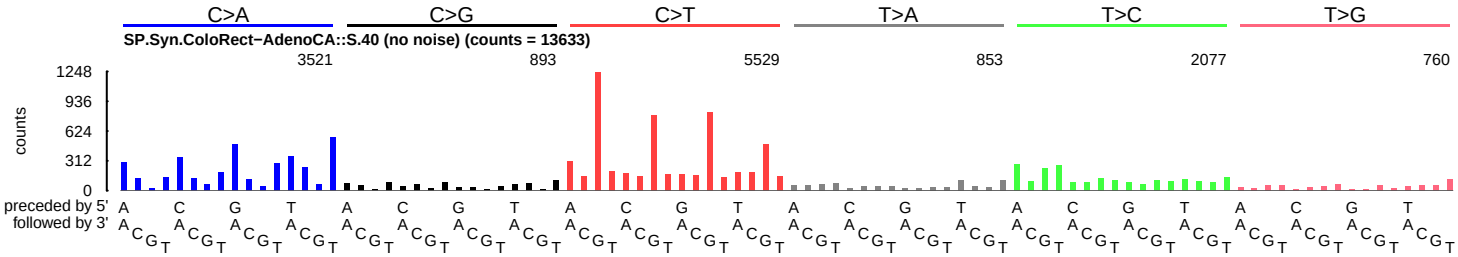

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.ColoRect−AdenoCA::S.35 (no noise) (counts = 21945)
5985
2332
6305
1943
3174
2206
counts
832
624
416
208
0
preceded by 5'
followed by 3'

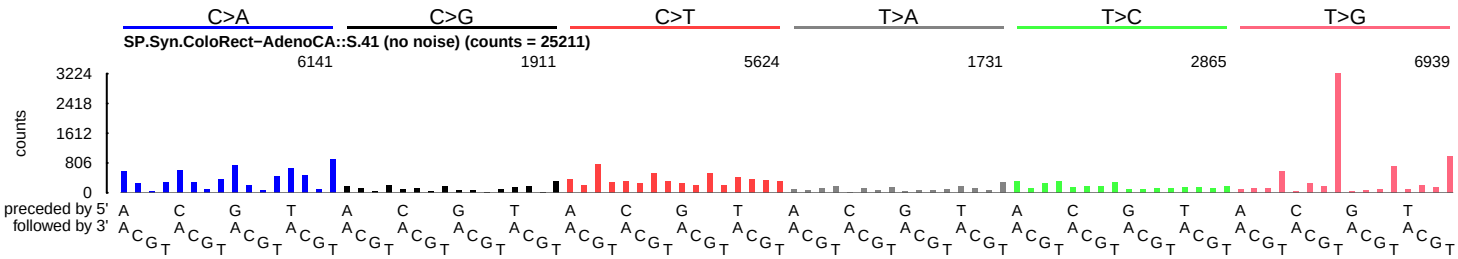

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.ColoRect−AdenoCA::S.36 (no noise) (counts = 17821)
4174
1469
6352
1298
2811
1717
counts
1200
900
600
300
0
preceded by 5'
followed by 3'

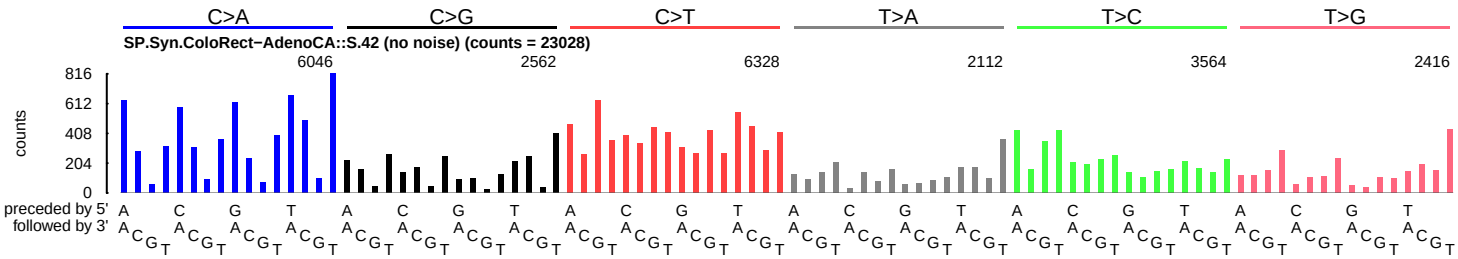

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.ColoRect−AdenoCA::S.37 (no noise) (counts = 14200)
2440
1564
5416
1247
2050
1483
counts
1100
825
550
275
0
preceded by 5'
followed by 3'

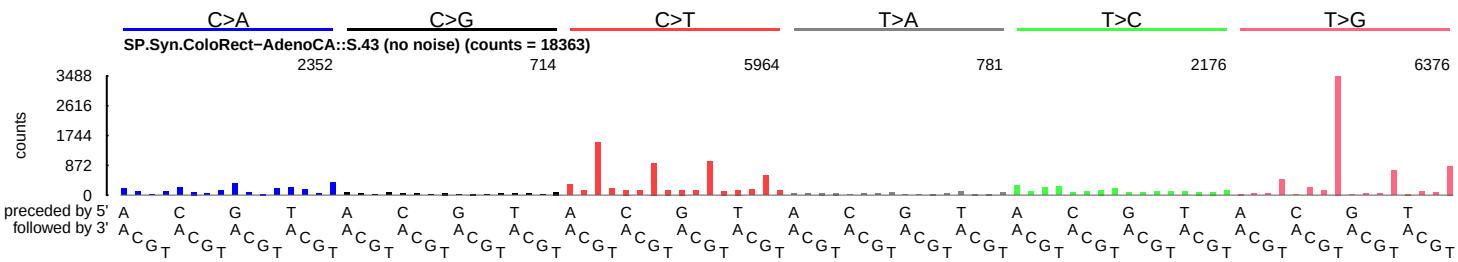

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.ColoRect−AdenoCA::S.38 (no noise) (counts = 14094)
5628
783
4299
850
1869
665
counts
968
726
484
242
0
preceded by 5'
followed by 3'

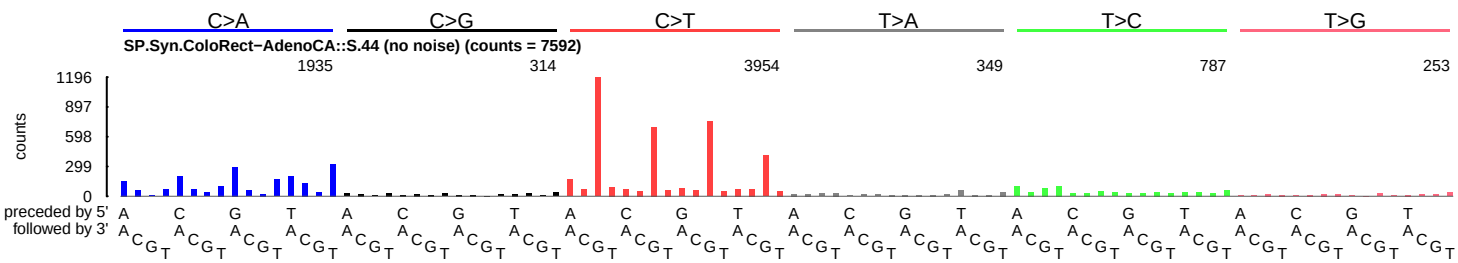

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.ColoRect−AdenoCA::S.39 (no noise) (counts = 7519)
973
660
3657
543
1084
602
counts
952
714
476
238
0
preceded by 5'
followed by 3'

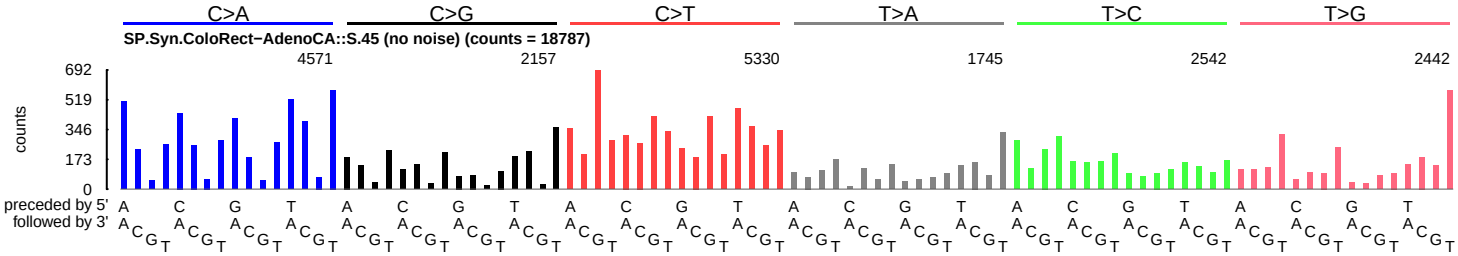

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.ColoRect−AdenoCA::S.40 (no noise) (counts = 13633)
3521
893
5529
853
2077
760
counts
1248
936
624
312
0
preceded by 5'
followed by 3'

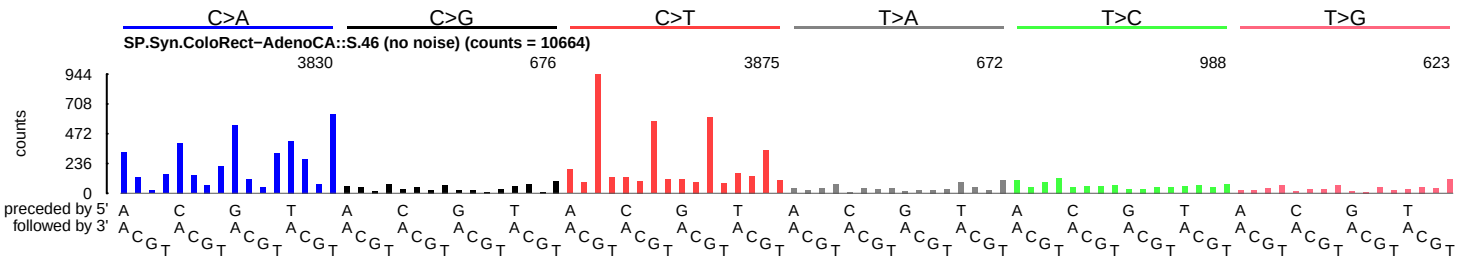

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.ColoRect−AdenoCA::S.41 (no noise) (counts = 25211)
6141
1911
5624
1731
2865
6939
counts
3224
2418
1612
806
0
preceded by 5'
followed by 3'

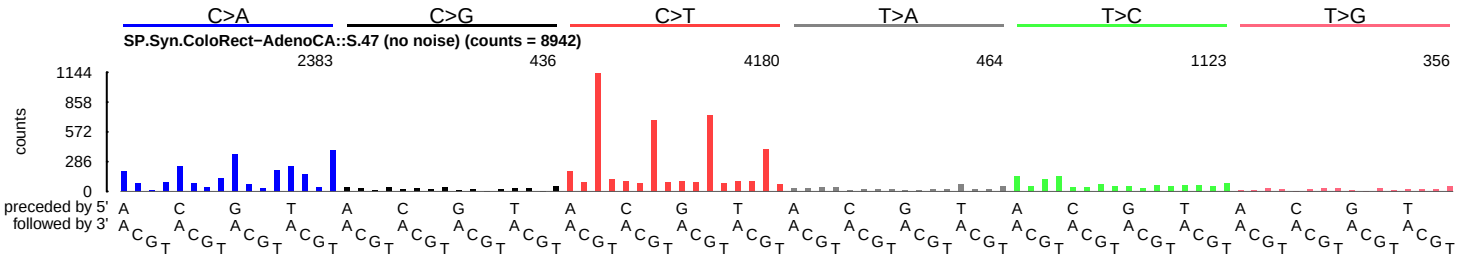

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.ColoRect−AdenoCA::S.42 (no noise) (counts = 23028)
6046
2562
6328
2112
3564
2416
counts
816
612
408
204
0
preceded by 5'
followed by 3'

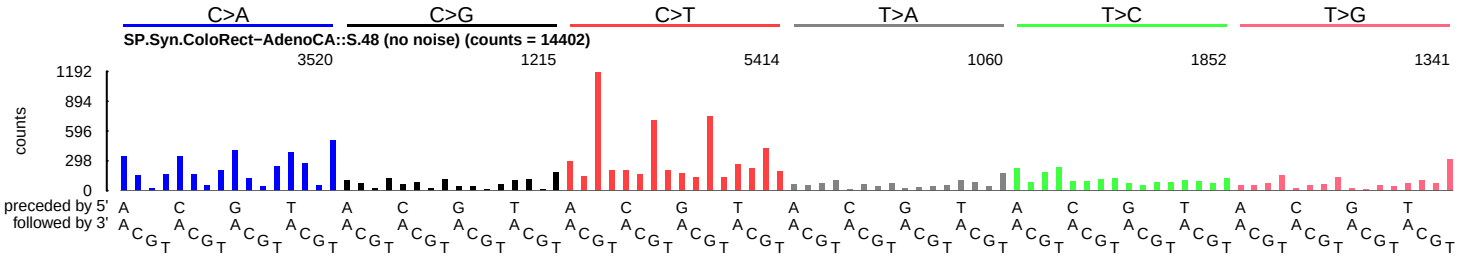

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.ColoRect−AdenoCA::S.43 (no noise) (counts = 18363)
2352
714
5964
781
2176
6376
counts
3488
2616
1744
872
0
preceded by 5'
followed by 3'

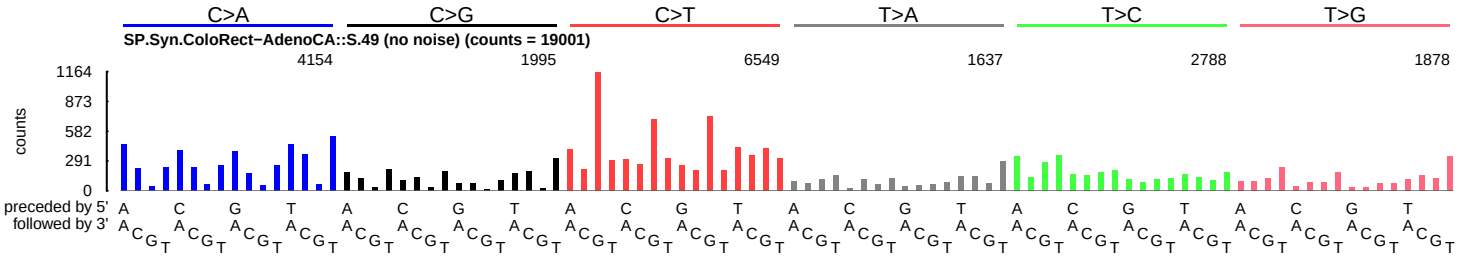

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.ColoRect−AdenoCA::S.44 (no noise) (counts = 7592)
1935
314
3954
349
787
253
counts
1196
897
598
299
0
preceded by 5'
followed by 3'

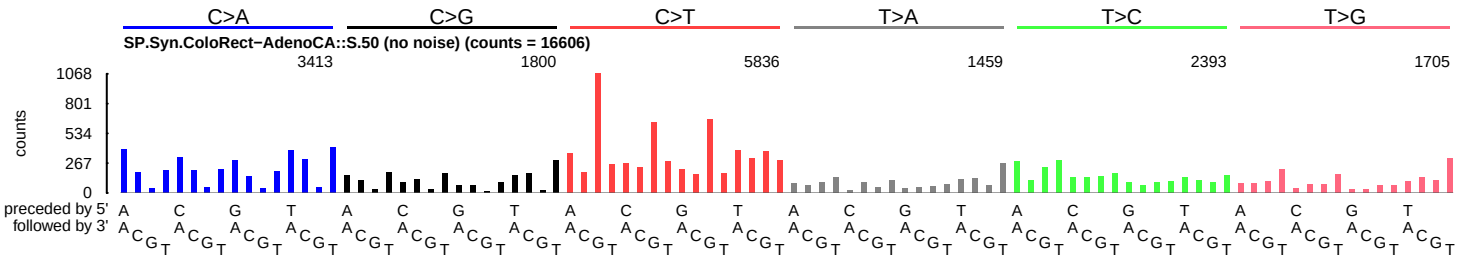

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.ColoRect−AdenoCA::S.45 (no noise) (counts = 18787)
4571
2157
5330
1745
2542
2442
692
519
346
173
0
counts
preceded by 5'
followed by 3'

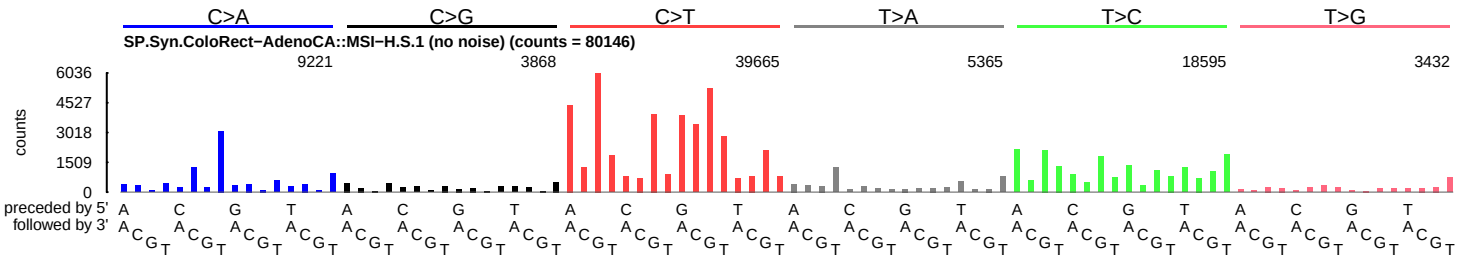

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.ColoRect−AdenoCA::S.46 (no noise) (counts = 10664)
3830
676
3875
672
988
623
944
708
472
236
0
counts
preceded by 5'
followed by 3'

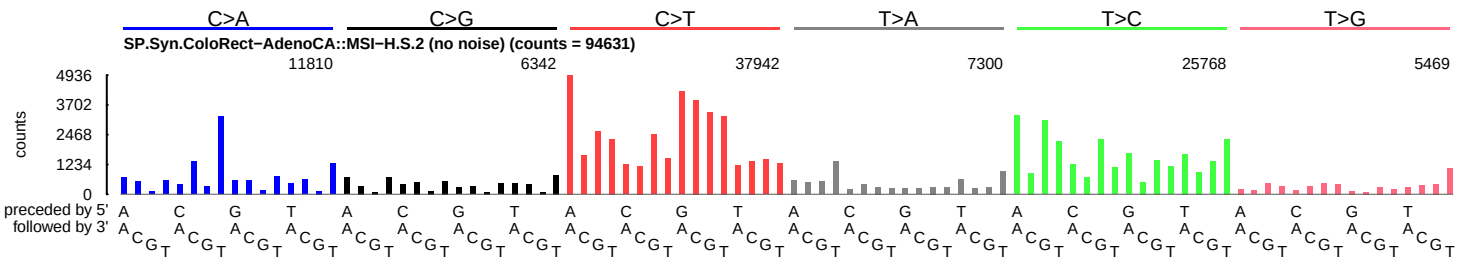

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.ColoRect−AdenoCA::S.47 (no noise) (counts = 8942)
2383
436
4180
464
1123
356
1144
858
572
286
0
counts
preceded by 5'
followed by 3'

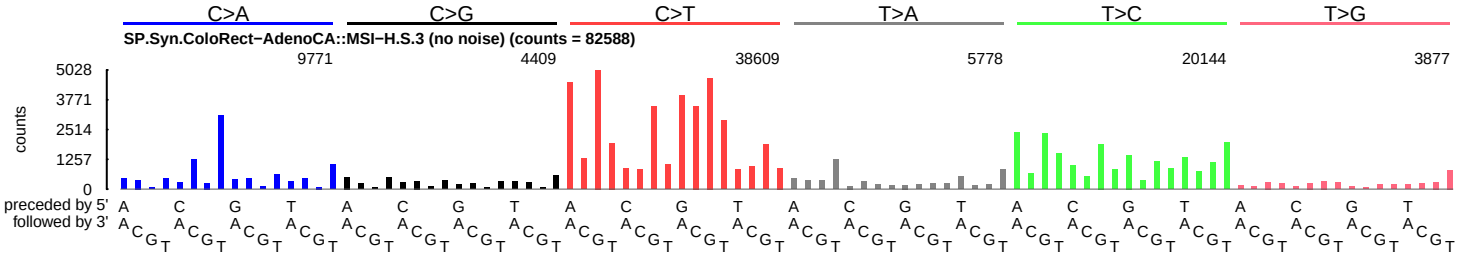

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.ColoRect−AdenoCA::S.48 (no noise) (counts = 14402)
3520
1215
5414
1060
1852
1341
1192
894
596
298
0
counts
preceded by 5'
followed by 3'

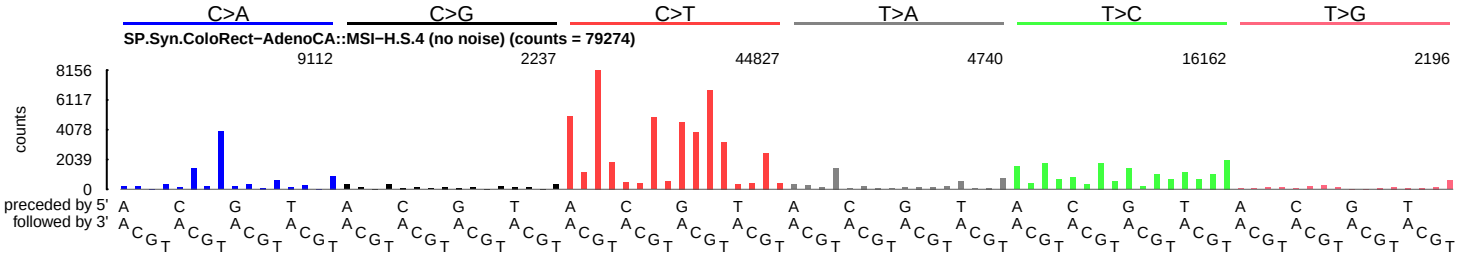

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.ColoRect−AdenoCA::S.49 (no noise) (counts = 19001)
4154
1995
6549
1637
2788
1878
1164
873
582
291
0
counts
preceded by 5'
followed by 3'

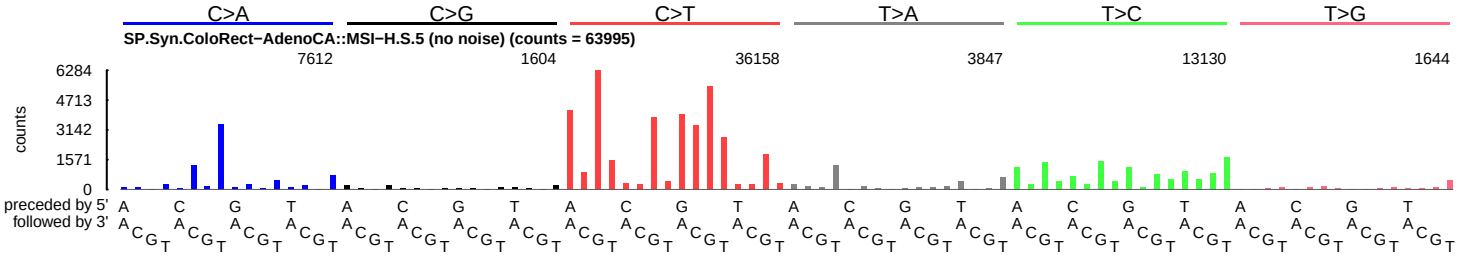

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.ColoRect−AdenoCA::S.50 (no noise) (counts = 16606)
3413
1800
5836
1459
2393
1705
1068
801
534
267
0
counts
preceded by 5'
followed by 3'

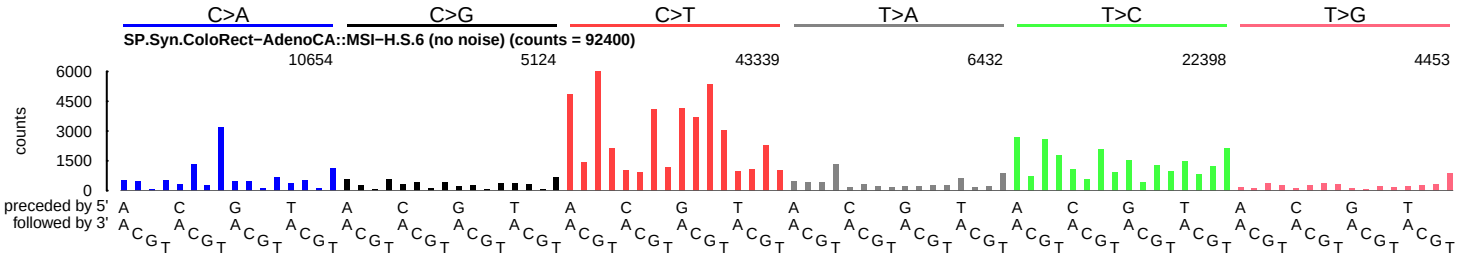

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.ColoRect−AdenoCA::MSI−H.S.1 (no noise) (counts = 80146)
9221
3868
39665
5365
18595
3432
6036
4527
3018
1509
0
counts
preceded by 5'
followed by 3'

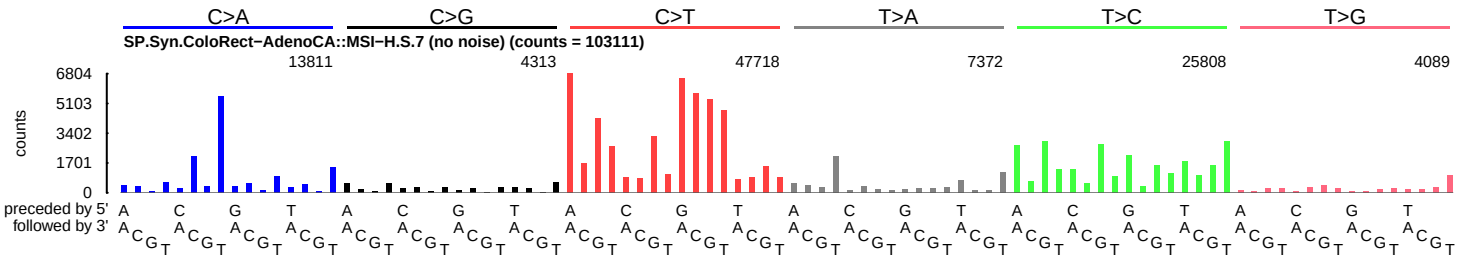

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.ColoRect−AdenoCA::MSI−H.S.2 (no noise) (counts = 94631)
11810
6342
37942
7300
25768
5469
4936
3702
2468
1234
0
counts
preceded by 5'
followed by 3'

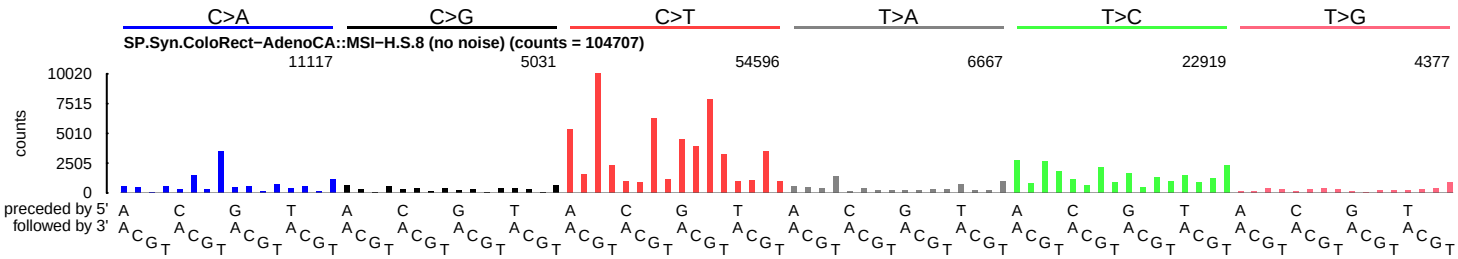

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.ColoRect−AdenoCA::MSI−H.S.3 (no noise) (counts = 82588)
9771
4409
38609
5778
20144
3877
counts
5028
3771
2514
1257
0
preceded by 5'
followed by 3'

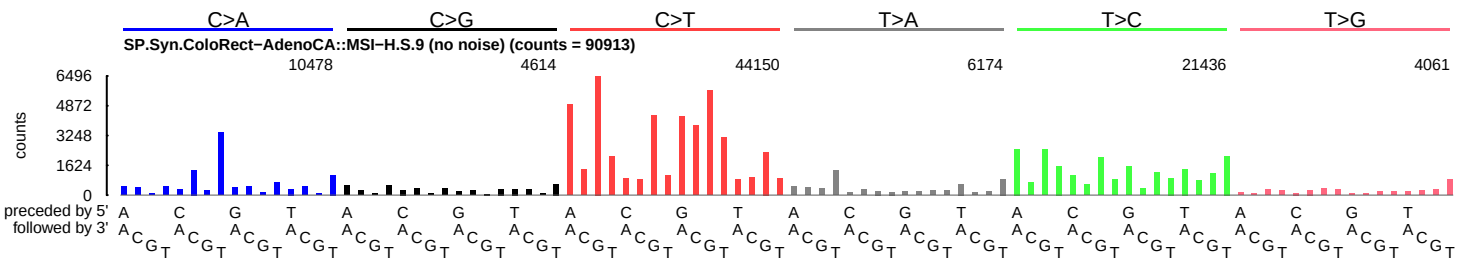

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.ColoRect−AdenoCA::MSI−H.S.4 (no noise) (counts = 79274)
9112
2237
44827
4740
16162
2196
counts
8156
6117
4078
2039
0
preceded by 5'
followed by 3'

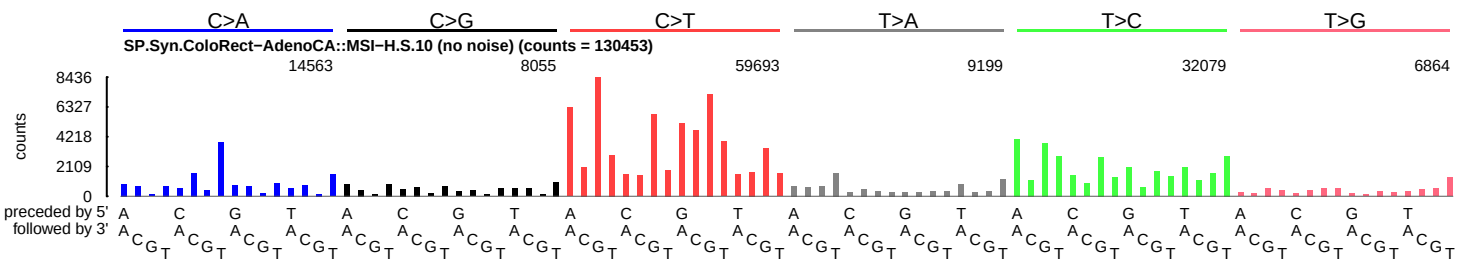

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.ColoRect−AdenoCA::MSI−H.S.5 (no noise) (counts = 63995)
7612
1604
36158
3847
13130
1644
counts
6284
4713
3142
1571
0
preceded by 5'
followed by 3'

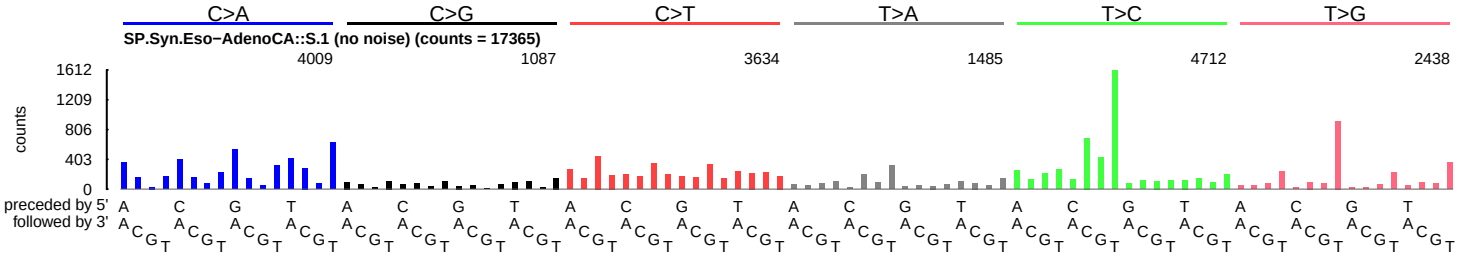

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.ColoRect−AdenoCA::MSI−H.S.6 (no noise) (counts = 92400)
10654
5124
43339
6432
22398
4453
counts
6000
4500
3000
1500
0
preceded by 5'
followed by 3'

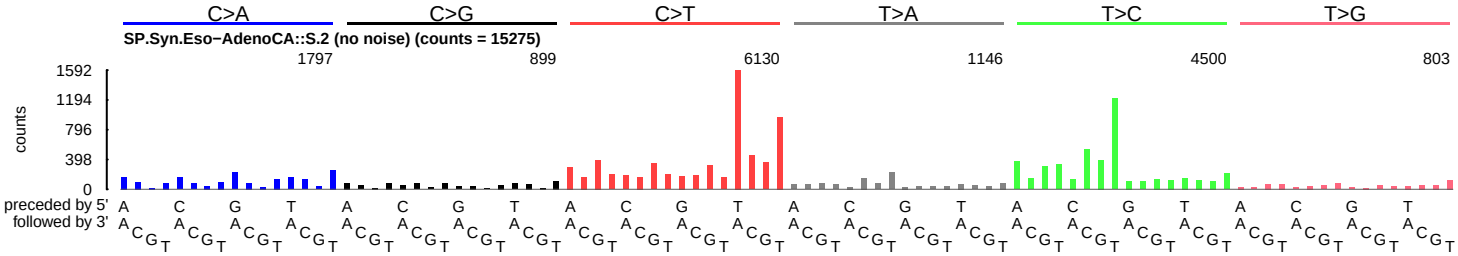

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.ColoRect−AdenoCA::MSI−H.S.7 (no noise) (counts = 103111)
13811
4313
47718
7372
25808
4089
counts
6804
5103
3402
1701
0
preceded by 5'
followed by 3'

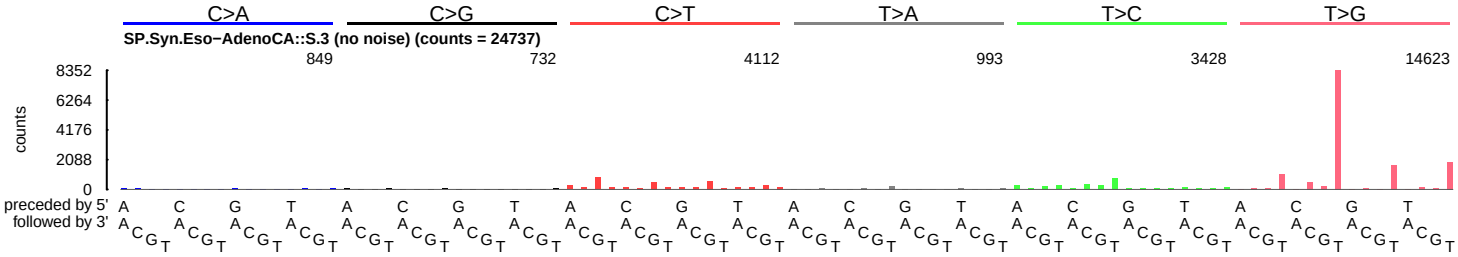

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.ColoRect−AdenoCA::MSI−H.S.8 (no noise) (counts = 104707)
11117
5031
54596
6667
22919
4377
counts
10020
7515
5010
2505
0
preceded by 5'
followed by 3'

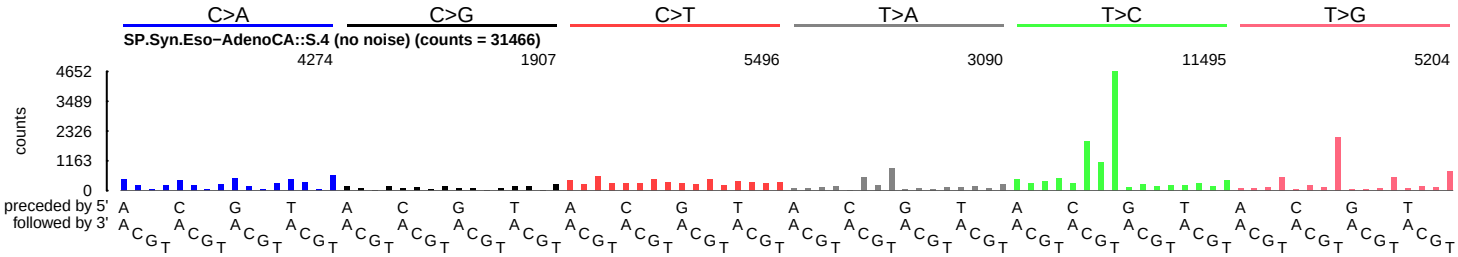

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.ColoRect−AdenoCA::MSI−H.S.9 (no noise) (counts = 90913)
10478
4614
44150
6174
21436
4061
counts
6496
4872
3248
1624
0
preceded by 5'
followed by 3'

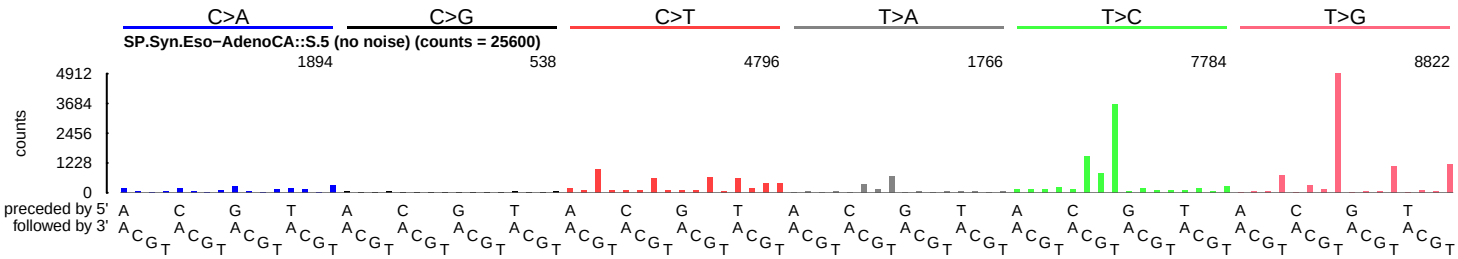

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.ColoRect−AdenoCA::MSI−H.S.10 (no noise) (counts = 130453)
14563
8055
59693
9199
32079
6864
counts
8436
6327
4218
2109
0
preceded by 5'
followed by 3'

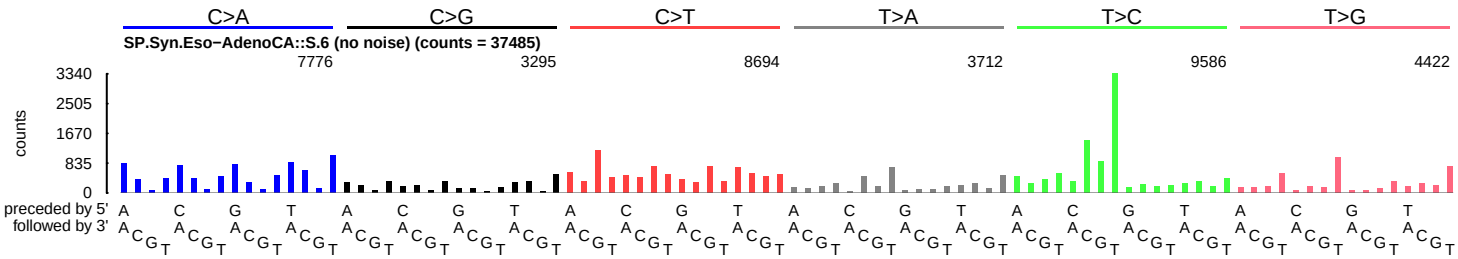

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Eso−AdenoCA::S.1 (no noise) (counts = 17365)
4009
1087
3634
1485
4712
2438
counts
1612
1209
806
403
0
preceded by 5'
followed by 3'

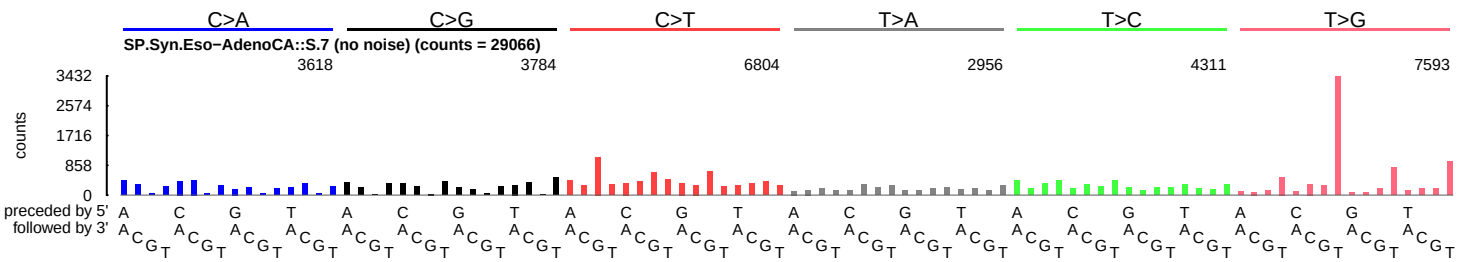

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Eso−AdenoCA::S.2 (no noise) (counts = 15275)
1797
899
6130
1146
4500
803
counts
1592
1194
796
398
0
preceded by 5'
followed by 3'

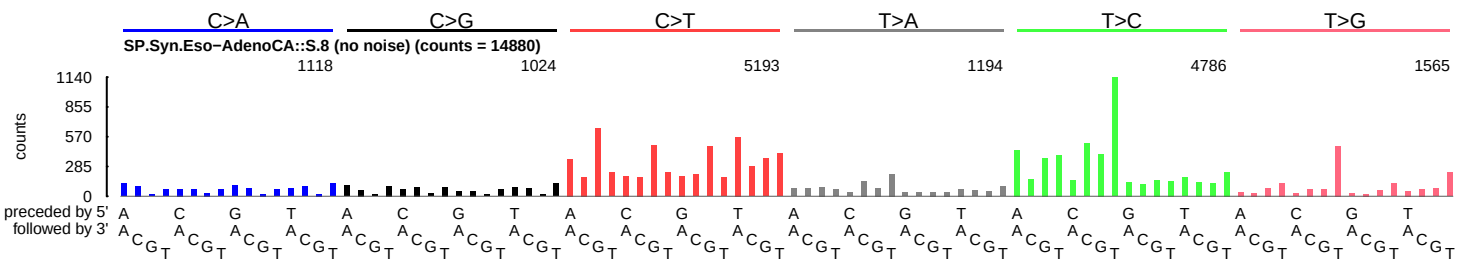

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Eso−AdenoCA::S.3 (no noise) (counts = 24737)
849
732
4112
993
3428
14623
counts
8352
6264
4176
2088
0
preceded by 5'
followed by 3'

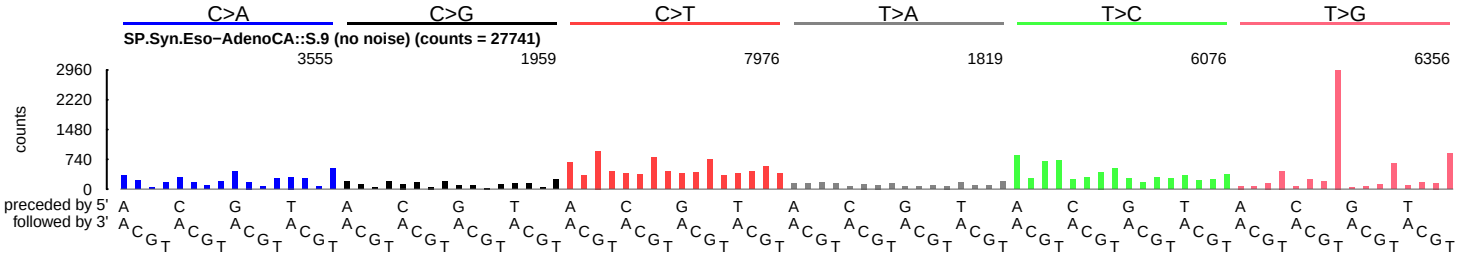

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Eso−AdenoCA::S.4 (no noise) (counts = 31466)
4274
1907
5496
3090
11495
5204
counts
4652
3489
2326
1163
0
preceded by 5'
followed by 3'

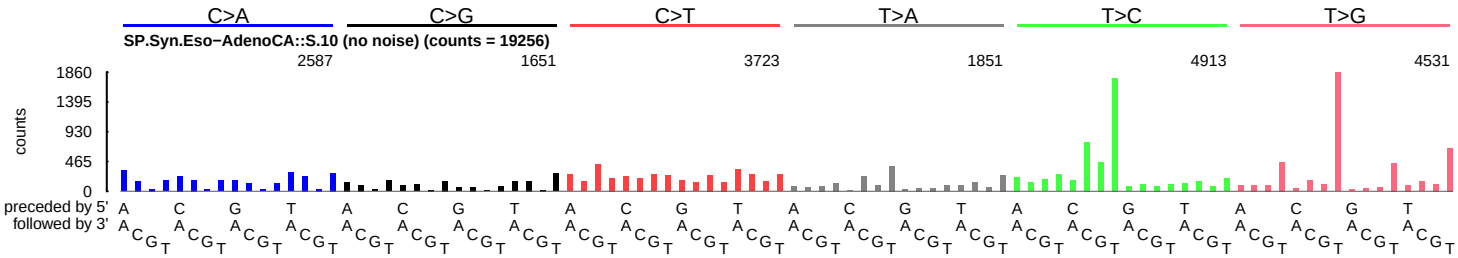

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Eso−AdenoCA::S.5 (no noise) (counts = 25600)
1894
538
4796
1766
7784
8822
counts
4912
3684
2456
1228
0
preceded by 5'
followed by 3'

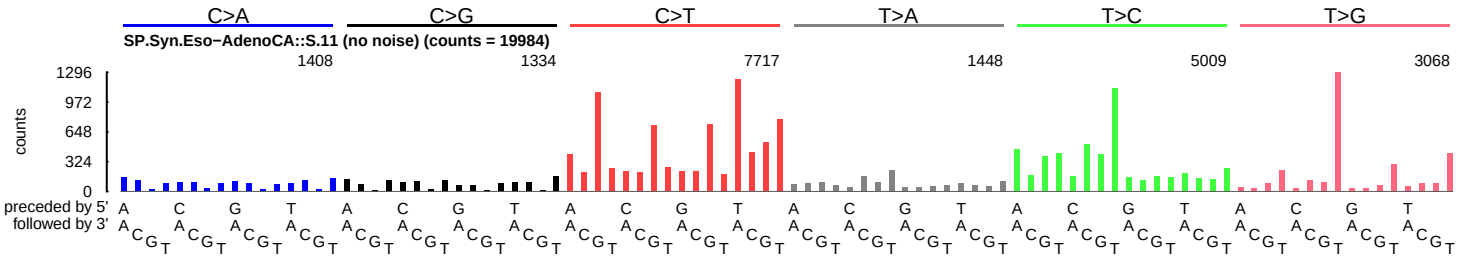

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Eso−AdenoCA::S.6 (no noise) (counts = 37485)
7776
3295
8694
3712
9586
4422
counts
3340
2505
1670
835
0
preceded by 5'
followed by 3'

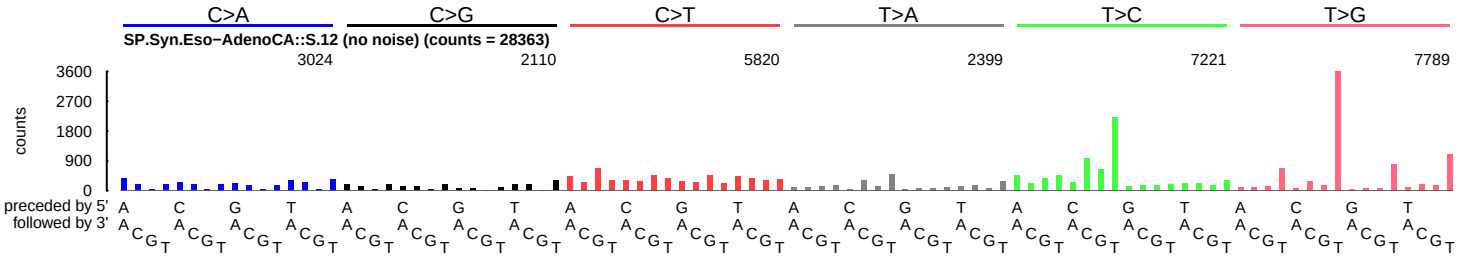

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Eso−AdenoCA::S.7 (no noise) (counts = 29066)
3618
3784
6804
2956
4311
7593
counts
3432
2574
1716
858
0
preceded by 5'
followed by 3'

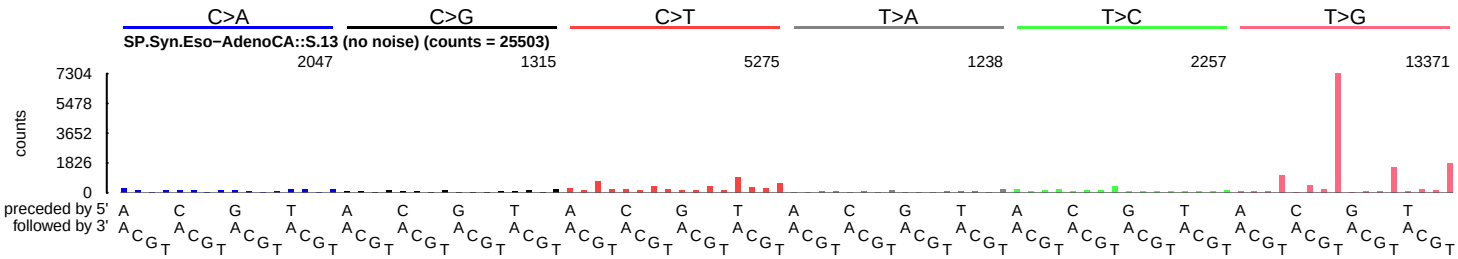

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Eso−AdenoCA::S.8 (no noise) (counts = 14880)
1118
1024
5193
1194
4786
1565
counts
1140
855
570
285
0
preceded by 5'
followed by 3'

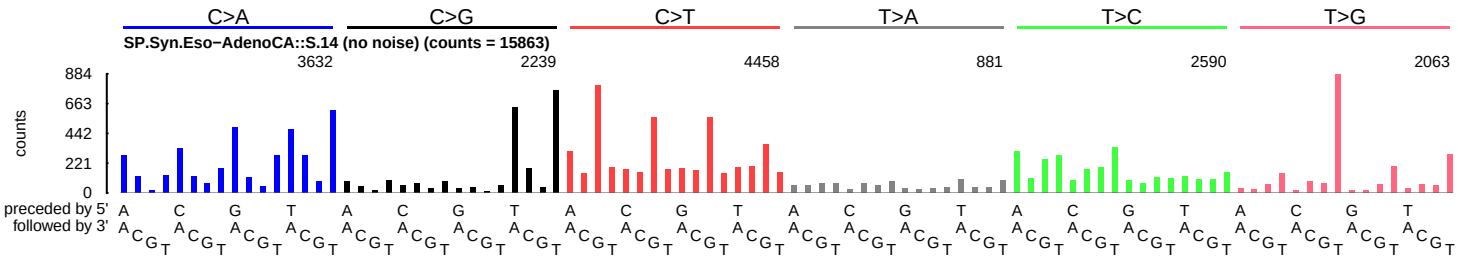

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Eso−AdenoCA::S.9 (no noise) (counts = 27741)
3555
1959
7976
1819
6076
6356
counts
2960
2220
1480
740
0
preceded by 5'
followed by 3'

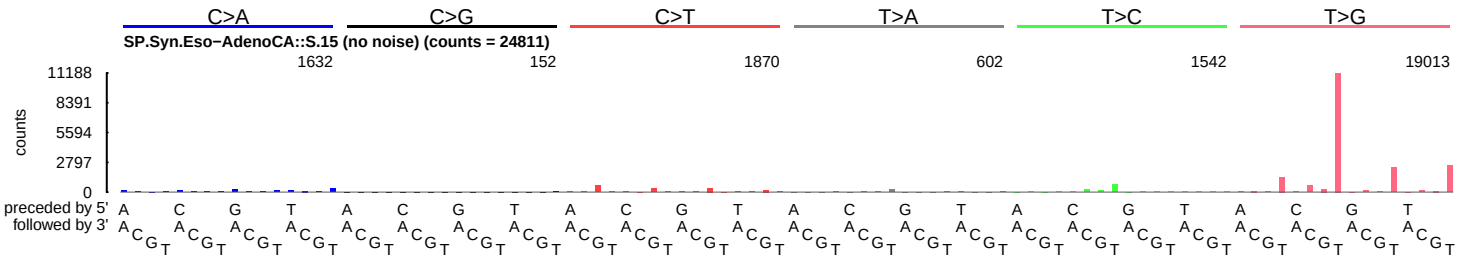

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Eso−AdenoCA::S.10 (no noise) (counts = 19256)
2587
1651
3723
1851
4913
4531
counts
1860
1395
930
465
0
preceded by 5'
followed by 3'

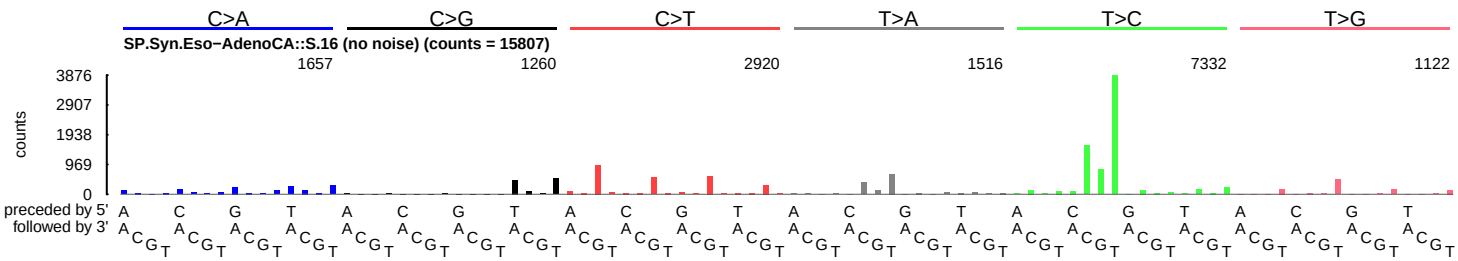

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Eso−AdenoCA::S.11 (no noise) (counts = 19984)
1408
1334
7717
1448
5009
3068
counts
1296
972
648
324
0
preceded by 5'
followed by 3'

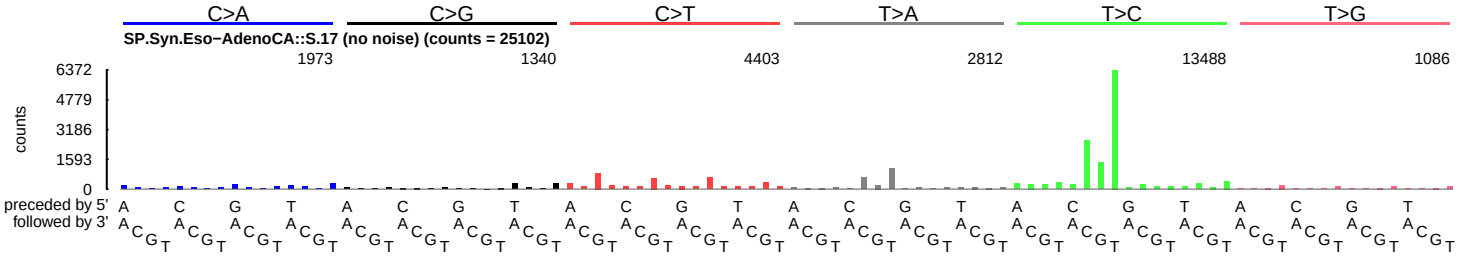

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Eso−AdenoCA::S.12 (no noise) (counts = 28363)
3024
2110
5820
2399
7221
7789
counts
3600
2700
1800
900
0
preceded by 5'
followed by 3'

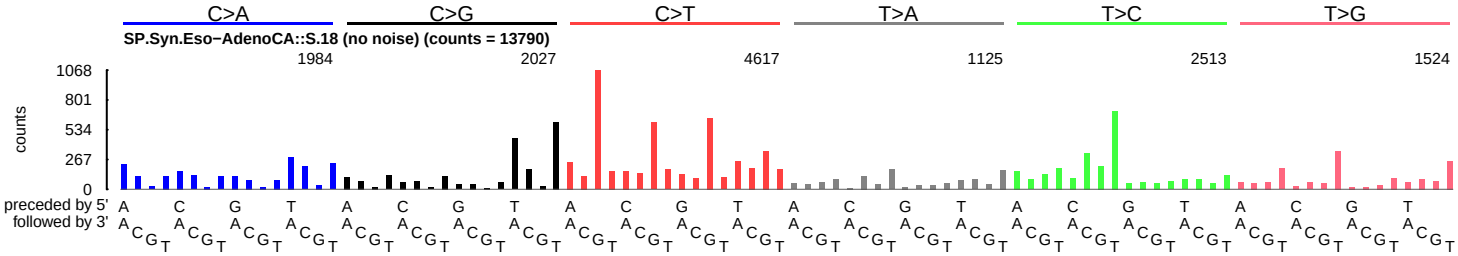

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Eso−AdenoCA::S.13 (no noise) (counts = 25503)
2047
1315
5275
1238
2257
13371
counts
7304
5478
3652
1826
0
preceded by 5'
followed by 3'

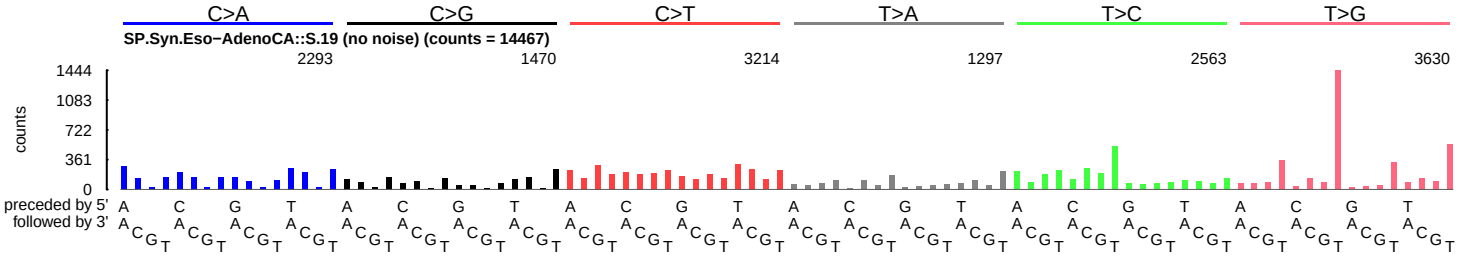

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Eso−AdenoCA::S.14 (no noise) (counts = 15863)
3632
2239
4458
881
2590
2063
counts
884
663
442
221
0
preceded by 5'
followed by 3'

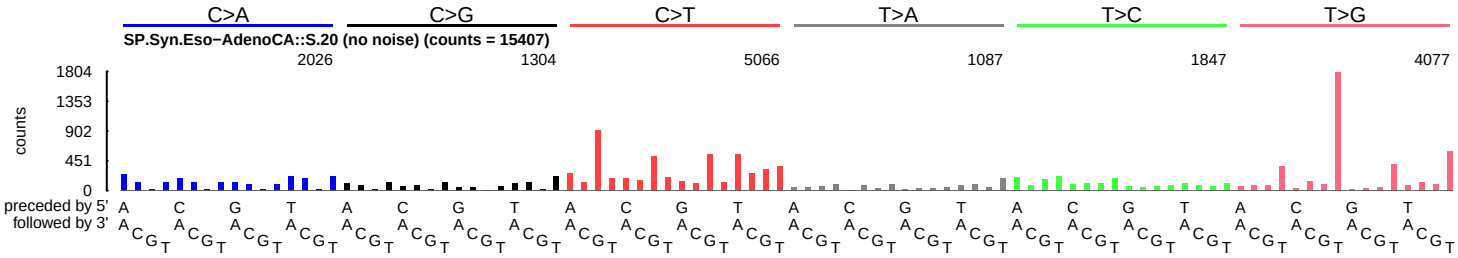

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Eso−AdenoCA::S.15 (no noise) (counts = 24811)
1632
152
1870
602
1542
19013
counts
11188
8391
5594
2797
0
preceded by 5'
followed by 3'

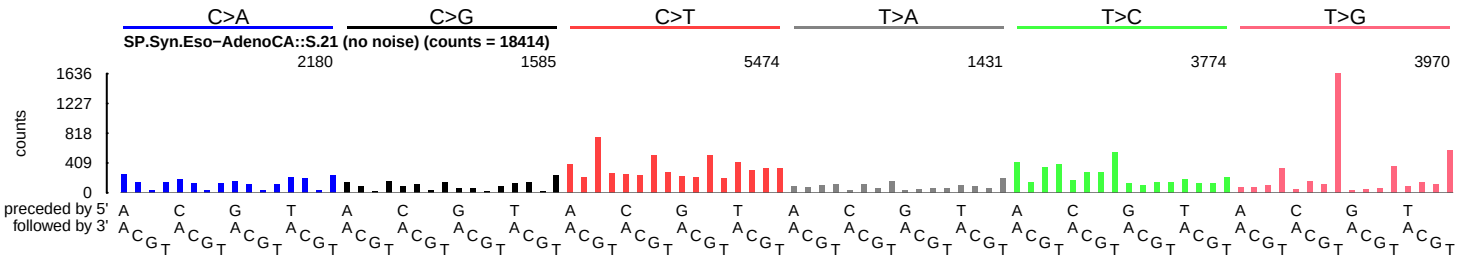

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Eso−AdenoCA::S.16 (no noise) (counts = 15807)
1657
1260
2920
1516
7332
1122
counts
3876
2907
1938
969
0
preceded by 5'
followed by 3'

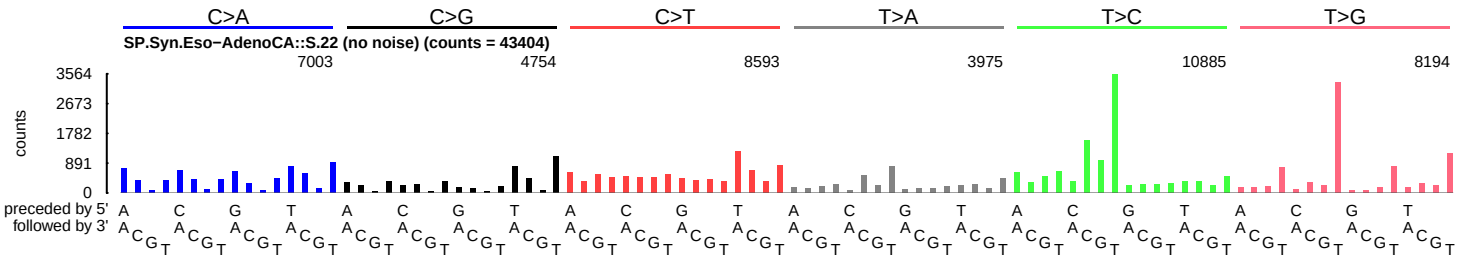

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Eso−AdenoCA::S.17 (no noise) (counts = 25102)
1973
1340
4403
2812
13488
1086
counts
6372
4779
3186
1593
0
preceded by 5'
followed by 3'

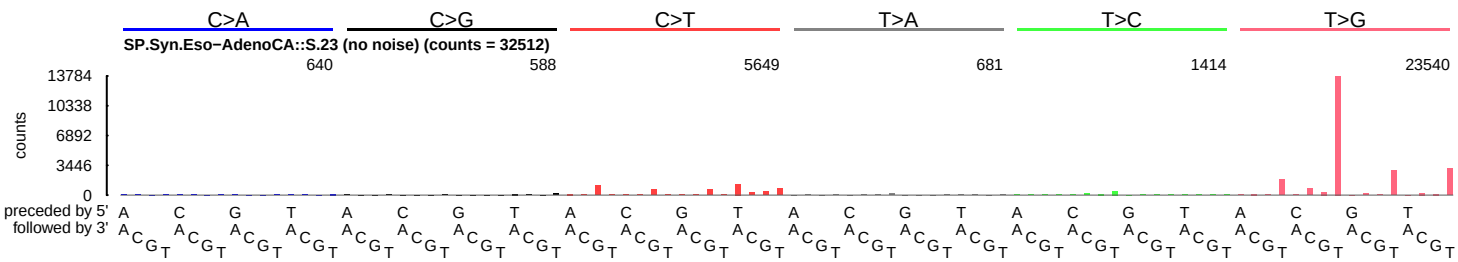

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Eso−AdenoCA::S.18 (no noise) (counts = 13790)
1984
2027
4617
1125
2513
1524
counts
1068
801
534
267
0
preceded by 5'
followed by 3'

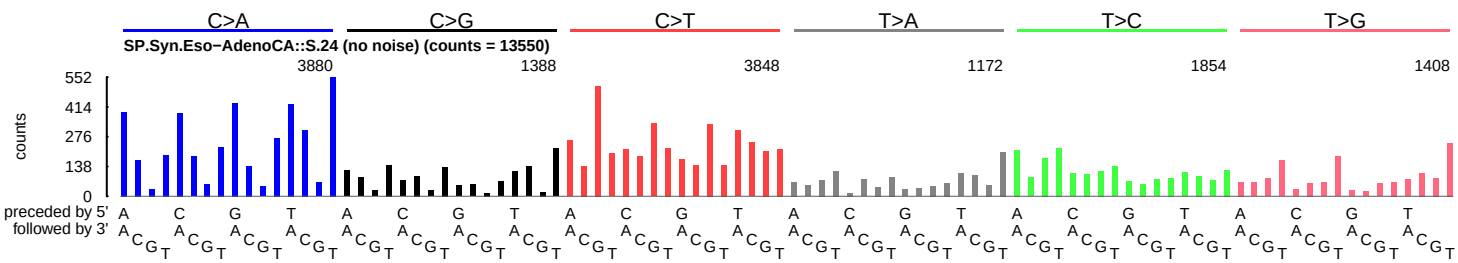

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Eso−AdenoCA::S.19 (no noise) (counts = 14467)
2293
1470
3214
1297
2563
3630
counts
1444
1083
722
361
0
preceded by 5'
followed by 3'

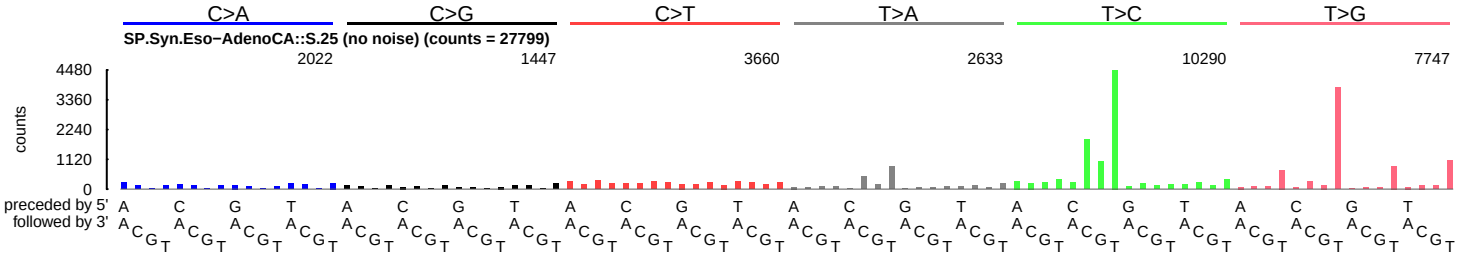

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Eso−AdenoCA::S.20 (no noise) (counts = 15407)
2026
1304
5066
1087
1847
4077
counts
1804
1353
902
451
0
preceded by 5'
followed by 3'

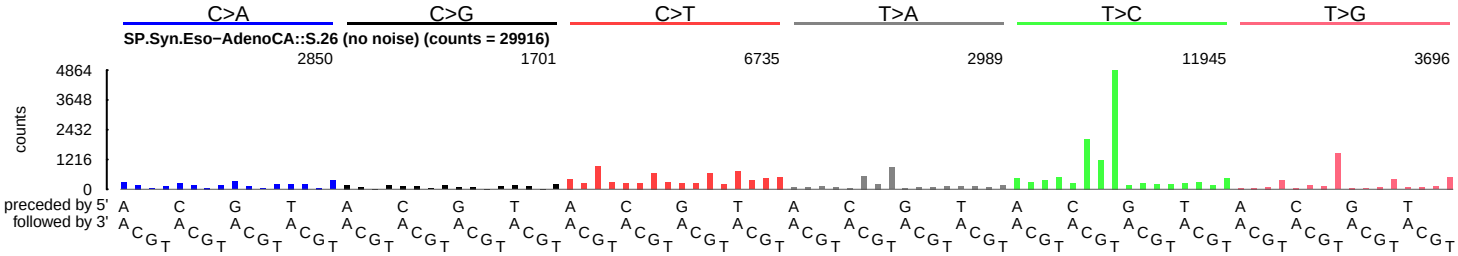

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Eso−AdenoCA::S.21 (no noise) (counts = 18414)
2180
1585
5474
1431
3774
3970
counts
1636
1227
818
409
0
preceded by 5'
followed by 3'

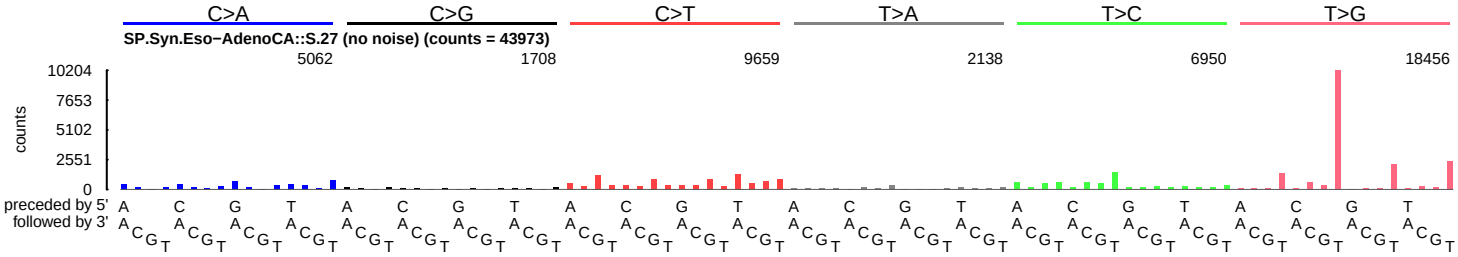

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Eso−AdenoCA::S.22 (no noise) (counts = 43404)
7003
4754
8593
3975
10885
8194
counts
3564
2673
1782
891
0
preceded by 5'
followed by 3'

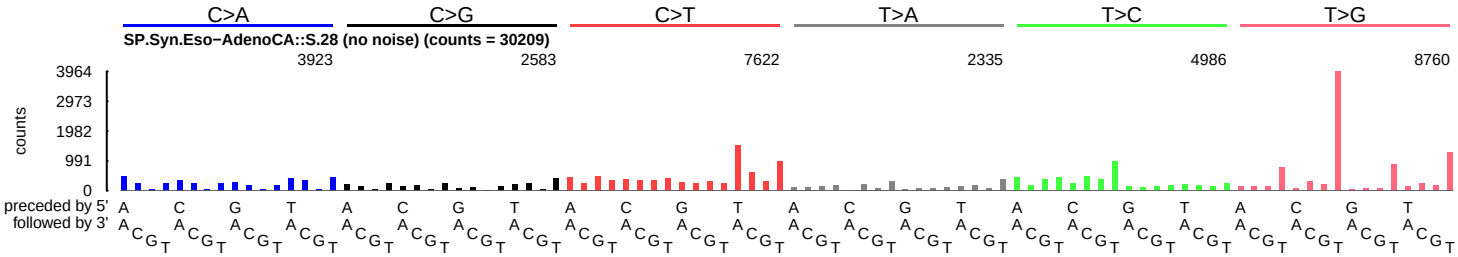

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Eso−AdenoCA::S.23 (no noise) (counts = 32512)
640
588
5649
681
1414
23540
counts
13784
10338
6892
3446
0
preceded by 5'
followed by 3'

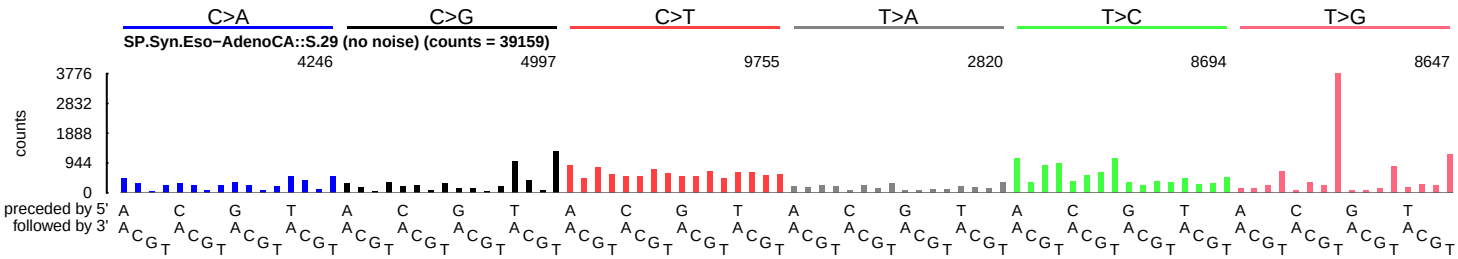

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Eso−AdenoCA::S.24 (no noise) (counts = 13550)
3880
1388
3848
1172
1854
1408
counts
552
414
276
138
0
preceded by 5'
followed by 3'

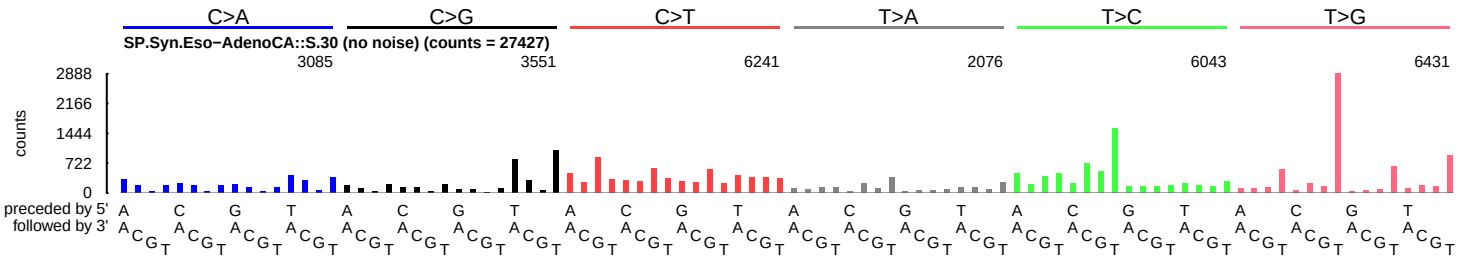

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Eso−AdenoCA::S.25 (no noise) (counts = 27799)
2022
1447
3660
2633
10290
7747
counts
4480
3360
2240
1120
0
preceded by 5'
followed by 3'

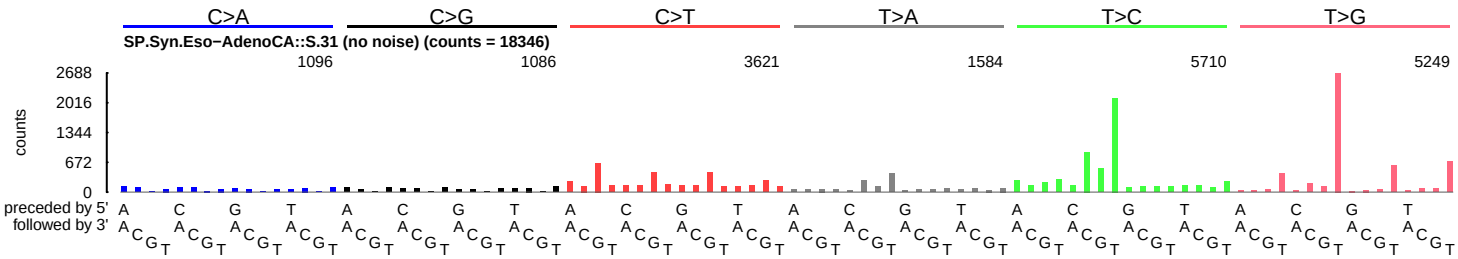

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Eso−AdenoCA::S.26 (no noise) (counts = 29916)
2850
1701
6735
2989
11945
3696
counts
4864
3648
2432
1216
0
preceded by 5'
followed by 3'

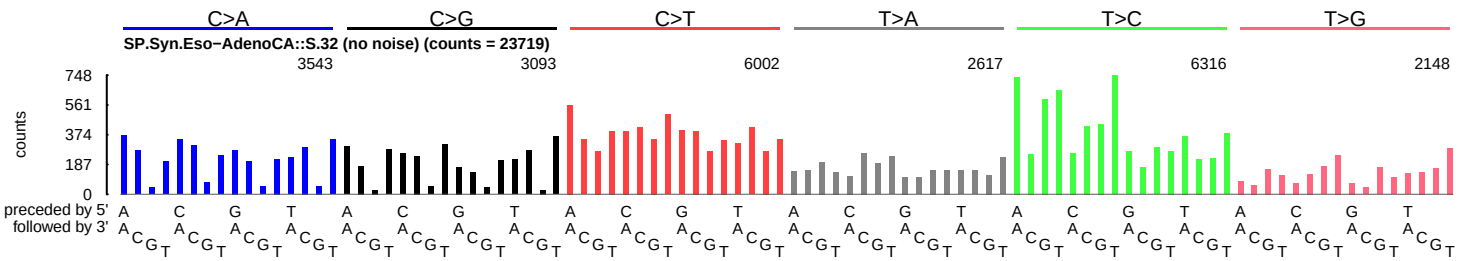

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Eso−AdenoCA::S.27 (no noise) (counts = 43973)
5062
1708
9659
2138
6950
18456
counts
10204
7653
5102
2551
0
preceded by 5'
followed by 3'

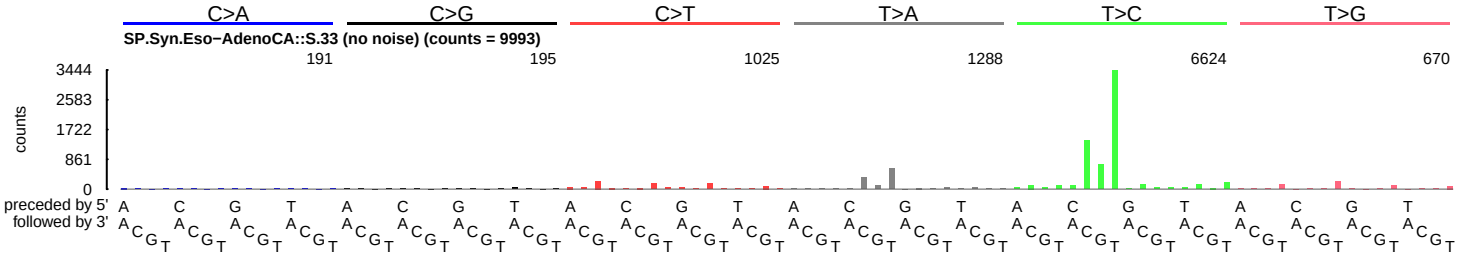

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Eso−AdenoCA::S.28 (no noise) (counts = 30209)
3923
2583
7622
2335
4986
8760
counts
3964
2973
1982
991
0
preceded by 5'
followed by 3'

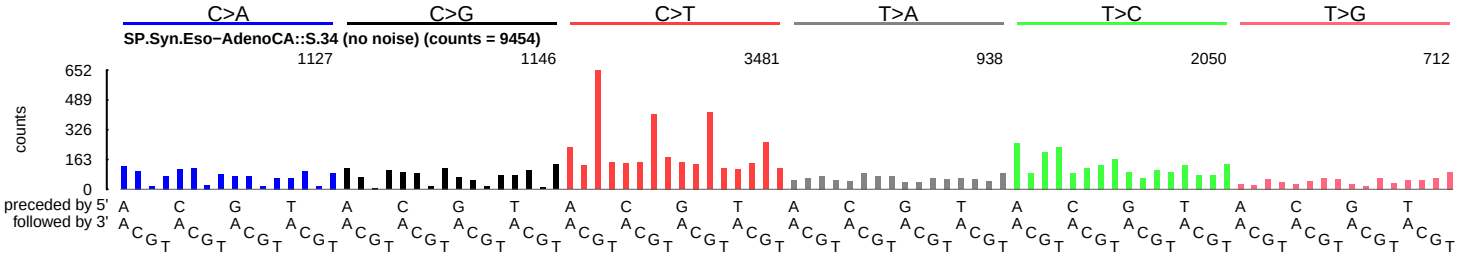

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Eso−AdenoCA::S.29 (no noise) (counts = 39159)
4246
4997
9755
2820
8694
8647
counts
3776
2832
1888
944
0
preceded by 5'
followed by 3'

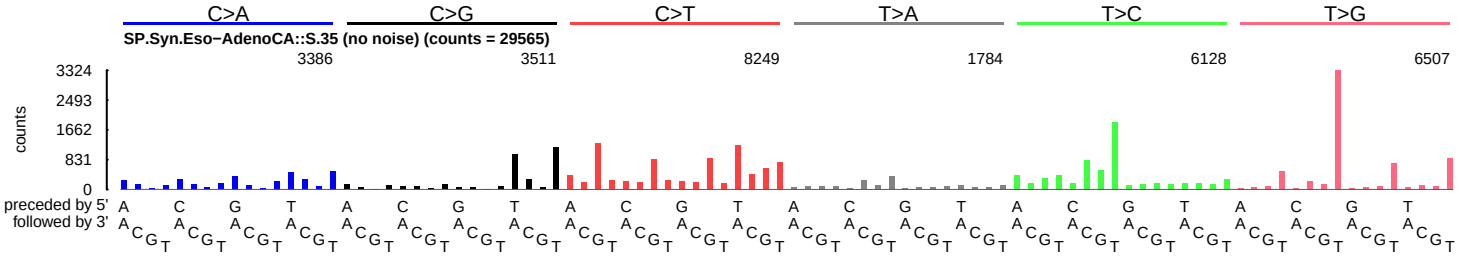

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Eso−AdenoCA::S.30 (no noise) (counts = 27427)
3085
3551
6241
2076
6043
6431
counts
2888
2166
1444
722
0
preceded by 5'
followed by 3'

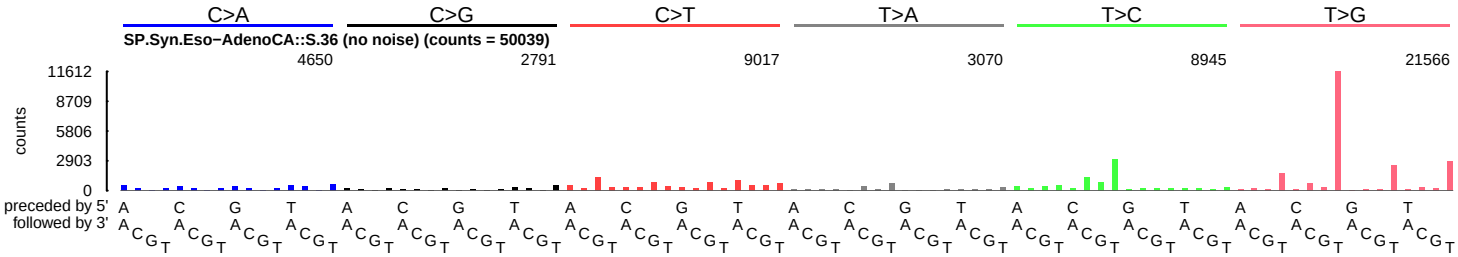

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Eso−AdenoCA::S.31 (no noise) (counts = 18346)
1096
1086
3621
1584
5710
5249
counts
2688
2016
1344
672
0
preceded by 5'
followed by 3'

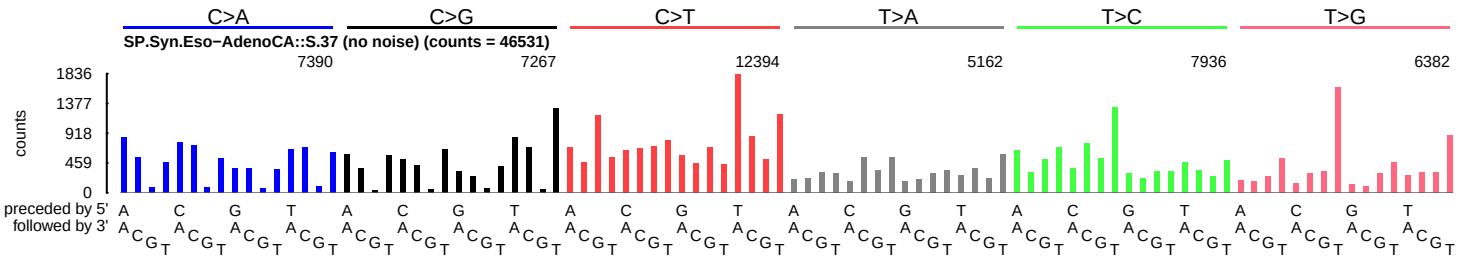

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Eso−AdenoCA::S.32 (no noise) (counts = 23719)
3543
3093
6002
2617
6316
2148
counts
748
561
374
187
0
preceded by 5'
followed by 3'

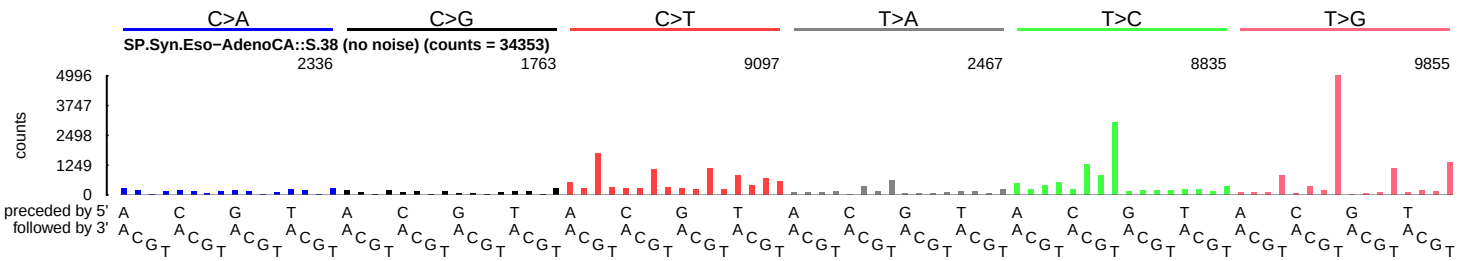

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Eso−AdenoCA::S.33 (no noise) (counts = 9993)
191
195
1025
1288
6624
670
counts
3444
2583
1722
861
0
preceded by 5'
followed by 3'

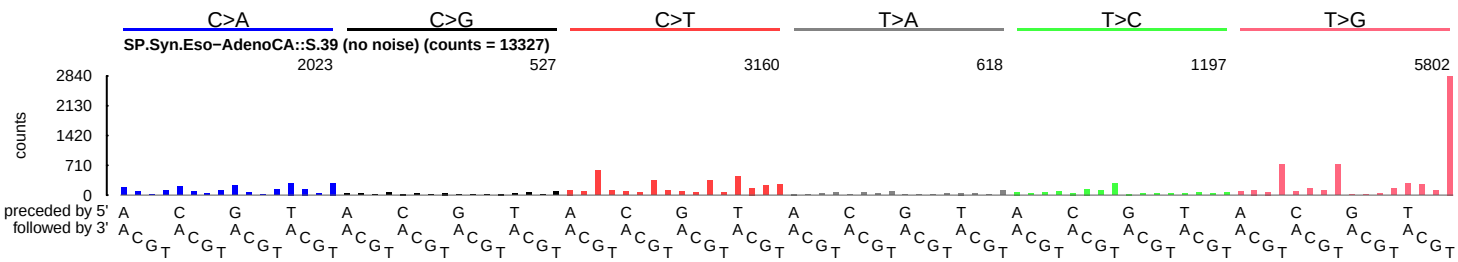

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Eso−AdenoCA::S.34 (no noise) (counts = 9454)
1127
1146
3481
938
2050
712
counts
652
489
326
163
0
preceded by 5'
followed by 3'

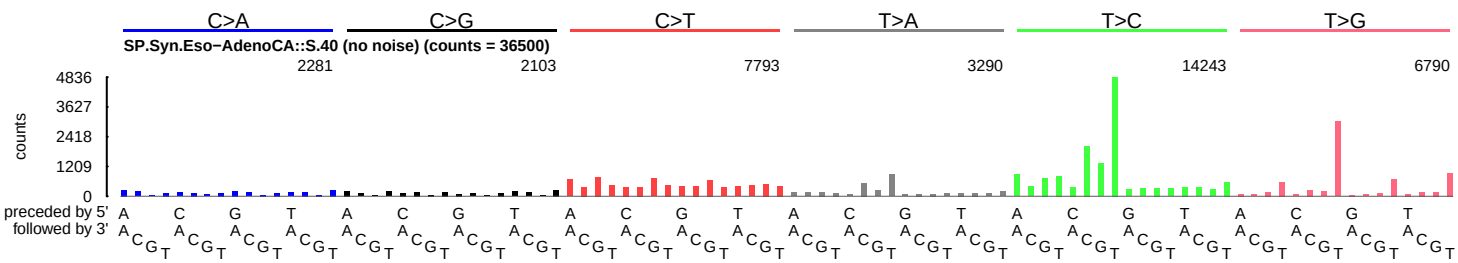

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Eso−AdenoCA::S.35 (no noise) (counts = 29565)
3386
3511
8249
1784
6128
6507
counts
3324
2493
1662
831
0
preceded by 5'
followed by 3'

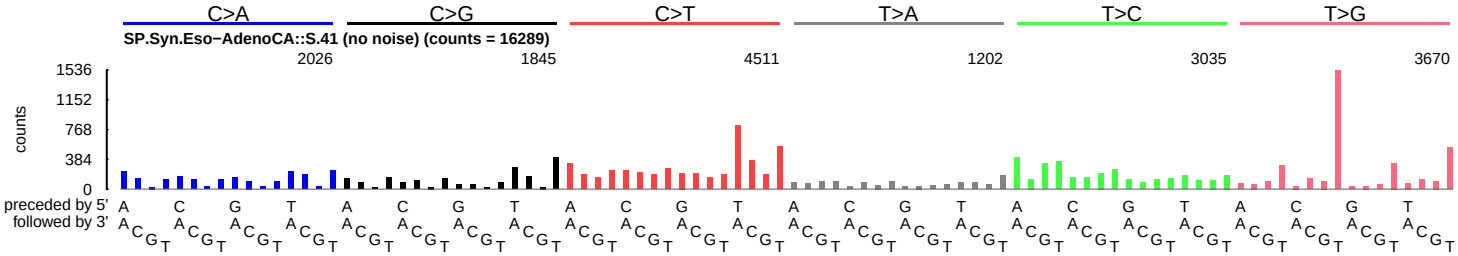

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Eso−AdenoCA::S.36 (no noise) (counts = 50039)
4650
2791
9017
3070
8945
21566
counts
11612
8709
5806
2903
0
preceded by 5'
followed by 3'

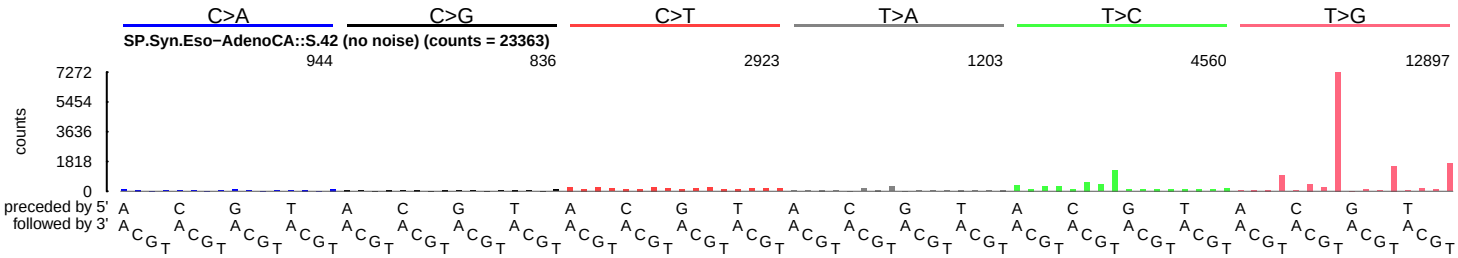

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Eso−AdenoCA::S.37 (no noise) (counts = 46531)
7390
7267
12394
5162
7936
6382
counts
1836
1377
918
459
0
preceded by 5'
followed by 3'

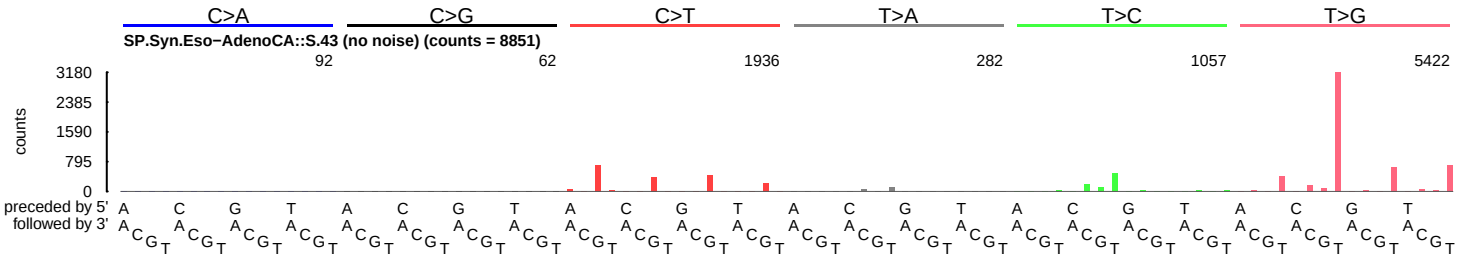

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Eso−AdenoCA::S.38 (no noise) (counts = 34353)
2336
1763
9097
2467
8835
9855
counts
4996
3747
2498
1249
0
preceded by 5'
followed by 3'

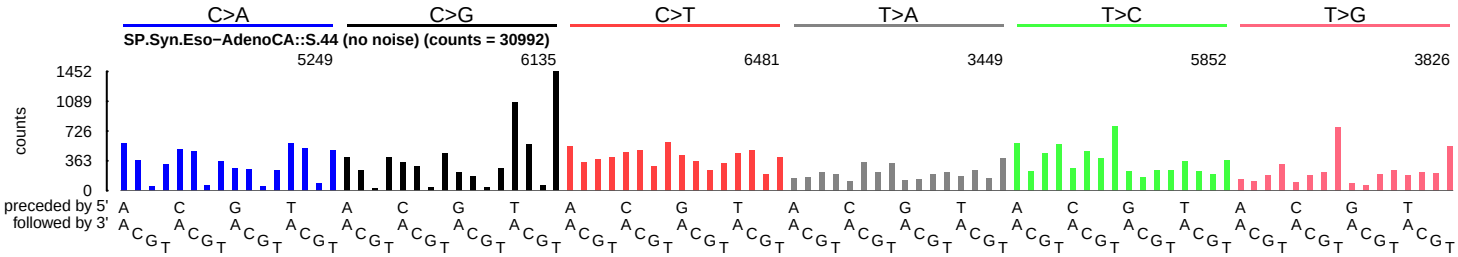

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Eso−AdenoCA::S.39 (no noise) (counts = 13327)
2023
527
3160
618
1197
5802
counts
2840
2130
1420
710
0
preceded by 5'
followed by 3'

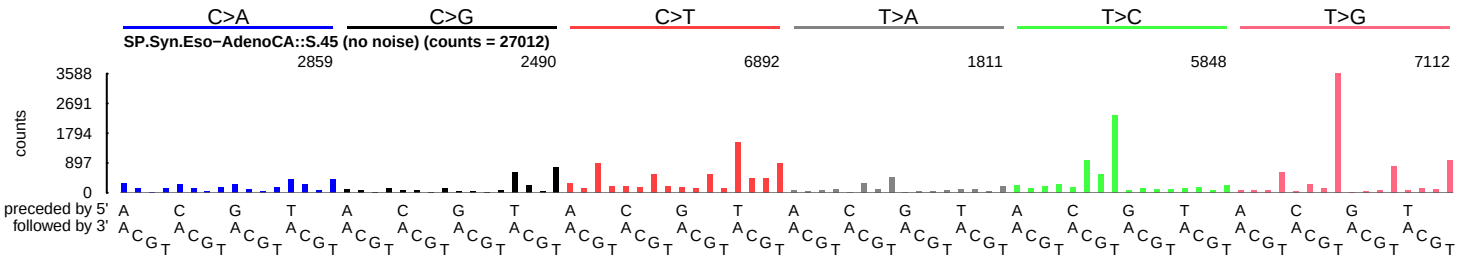

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Eso−AdenoCA::S.40 (no noise) (counts = 36500)
2281
2103
7793
3290
14243
6790
counts
4836
3627
2418
1209
0
preceded by 5'
followed by 3'

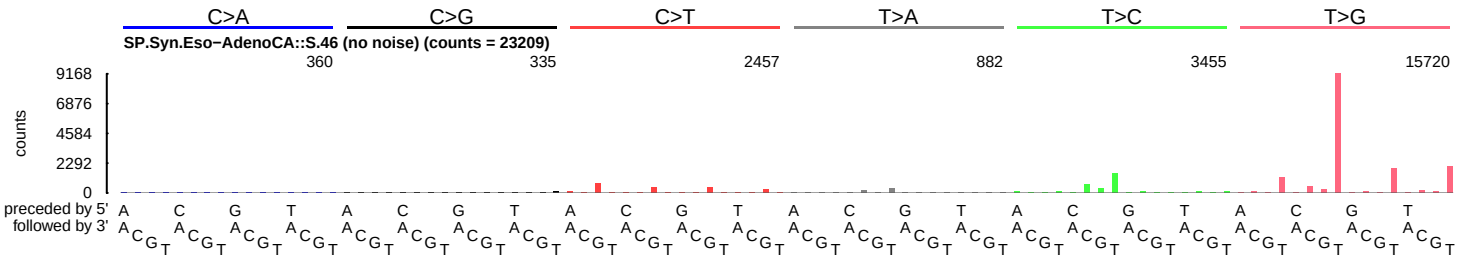

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Eso−AdenoCA::S.41 (no noise) (counts = 16289)
2026
1845
4511
1202
3035
3670
counts
1536
1152
768
384
0
preceded by 5'
followed by 3'

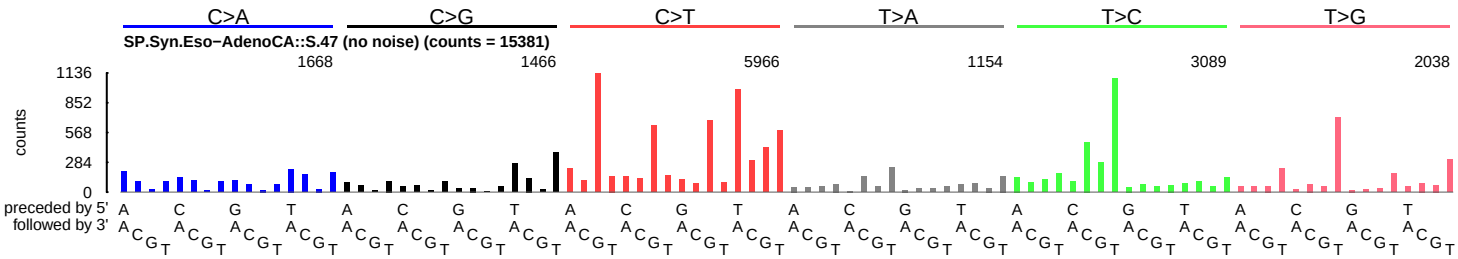

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Eso−AdenoCA::S.42 (no noise) (counts = 23363)
944
836
2923
1203
4560
12897
counts
7272
5454
3636
1818
0
preceded by 5'
followed by 3'

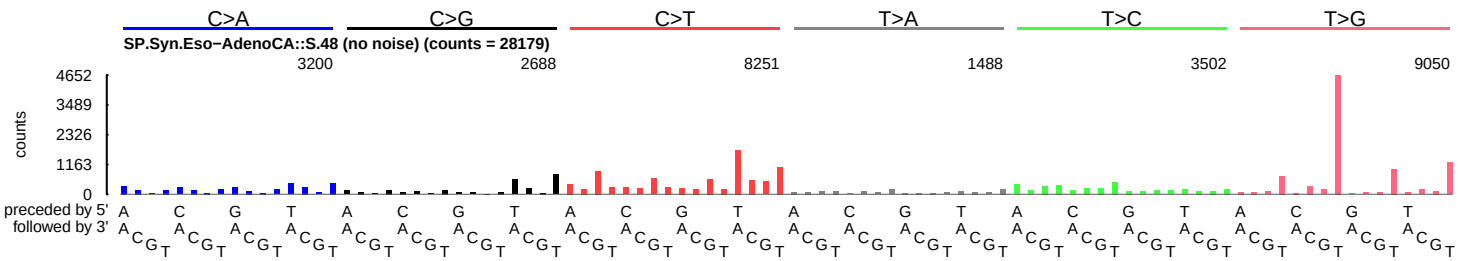

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Eso−AdenoCA::S.43 (no noise) (counts = 8851)
92
62
1936
282
1057
5422
counts
3180
2385
1590
795
0
preceded by 5'
followed by 3'

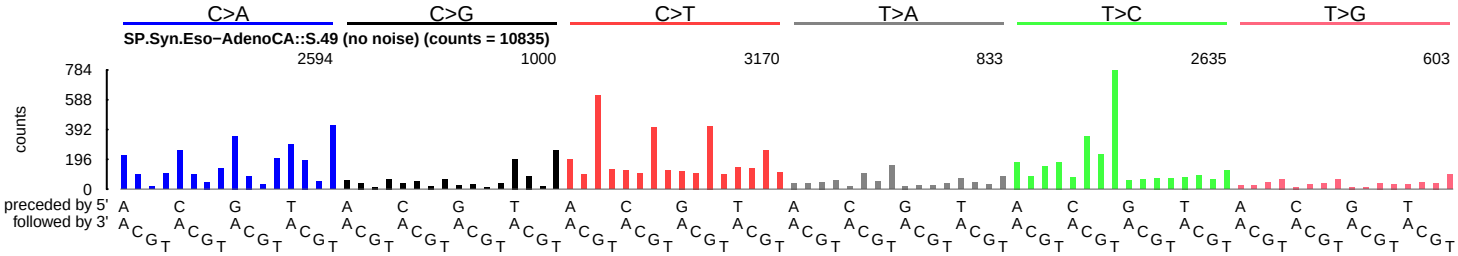

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Eso−AdenoCA::S.44 (no noise) (counts = 30992)
5249
6135
6481
3449
5852
3826
counts
1452
1089
726
363
0
preceded by 5'
followed by 3'

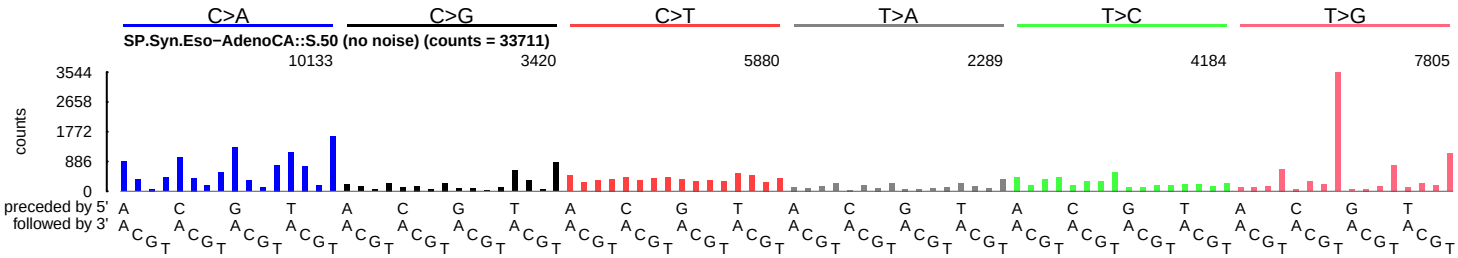

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Eso−AdenoCA::S.45 (no noise) (counts = 27012)
2859
2490
6892
1811
5848
7112
counts
3588
2691
1794
897
0
preceded by 5'
followed by 3'

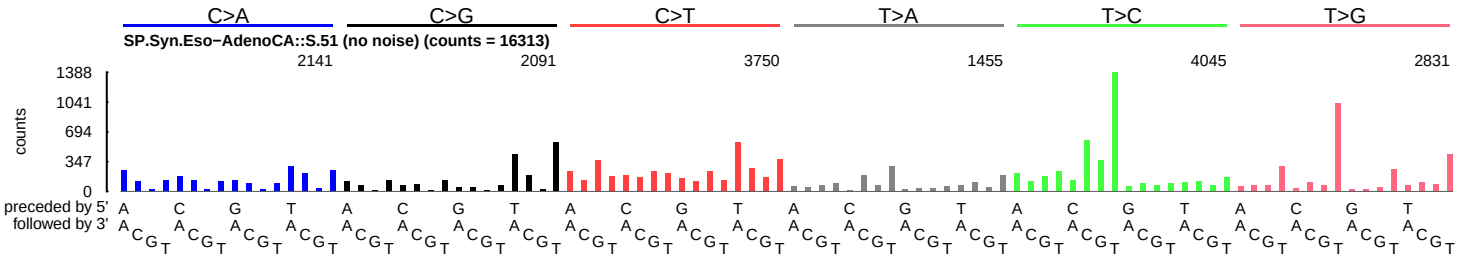

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Eso−AdenoCA::S.46 (no noise) (counts = 23209)
360
335
2457
882
3455
15720
counts
9168
6876
4584
2292
0
preceded by 5'
followed by 3'

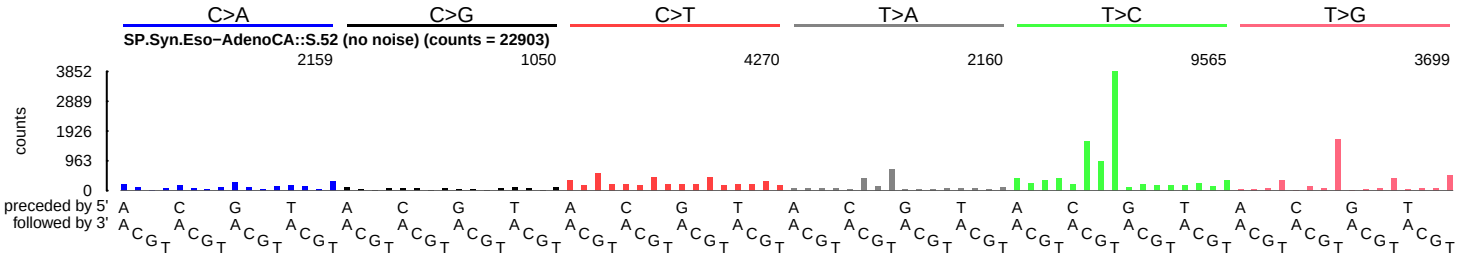

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Eso−AdenoCA::S.47 (no noise) (counts = 15381)
1668
1466
5966
1154
3089
2038
counts
1136
852
568
284
0
preceded by 5'
followed by 3'

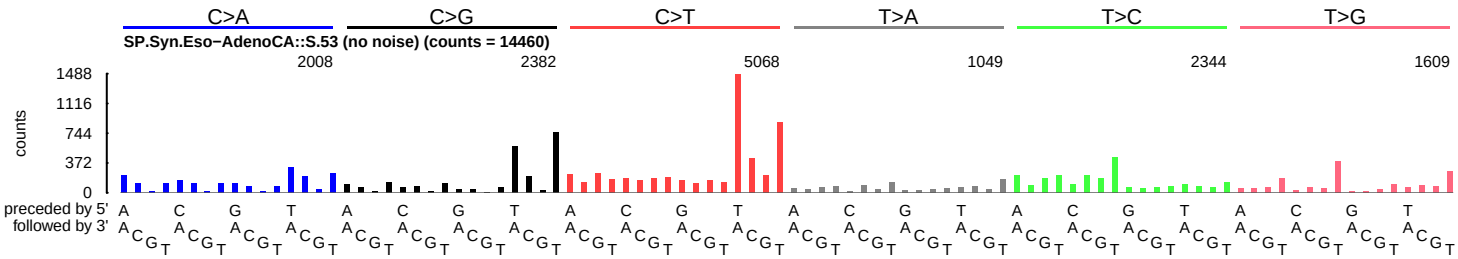

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Eso−AdenoCA::S.48 (no noise) (counts = 28179)
3200
2688
8251
1488
3502
9050
counts
4652
3489
2326
1163
0
preceded by 5'
followed by 3'

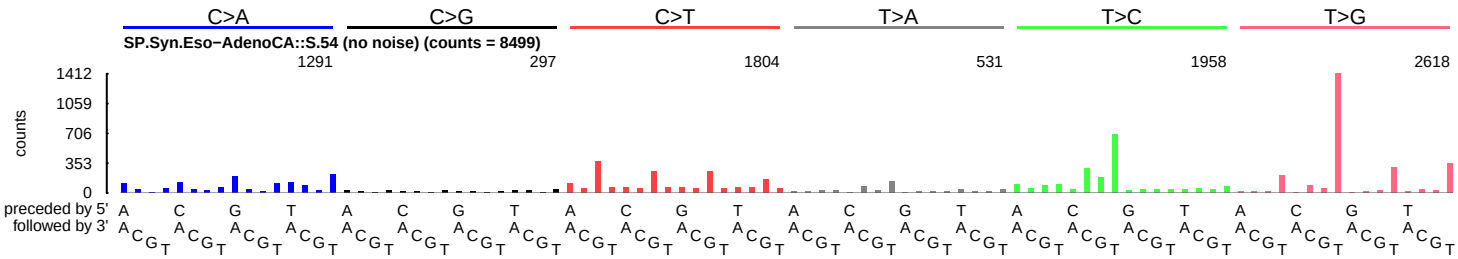

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Eso−AdenoCA::S.49 (no noise) (counts = 10835)
2594
1000
3170
833
2635
603
784
588
392
196
0
counts
preceded by 5'
followed by 3'

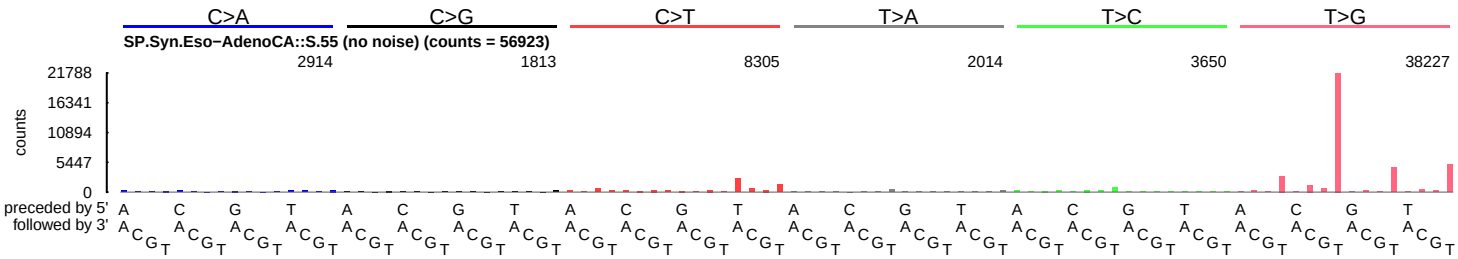

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Eso−AdenoCA::S.50 (no noise) (counts = 33711)
10133
3420
5880
2289
4184
7805
3544
2658
1772
886
0
counts
preceded by 5'
followed by 3'

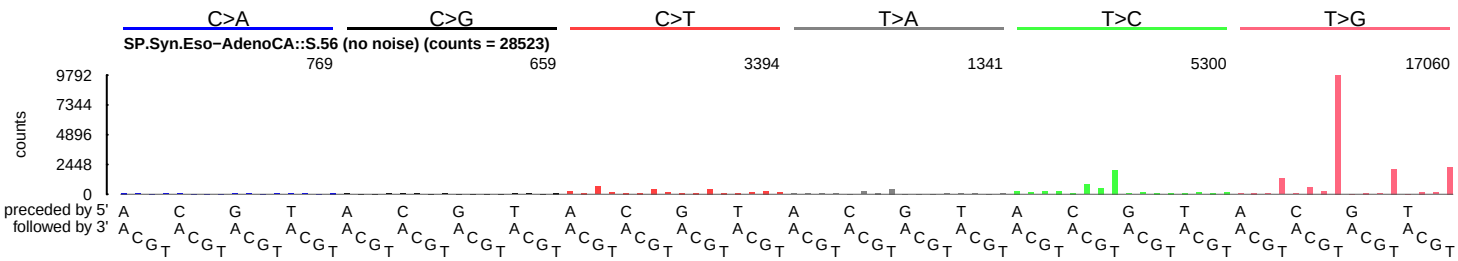

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Eso−AdenoCA::S.51 (no noise) (counts = 16313)
2141
2091
3750
1455
4045
2831
1388
1041
694
347
0
counts
preceded by 5'
followed by 3'

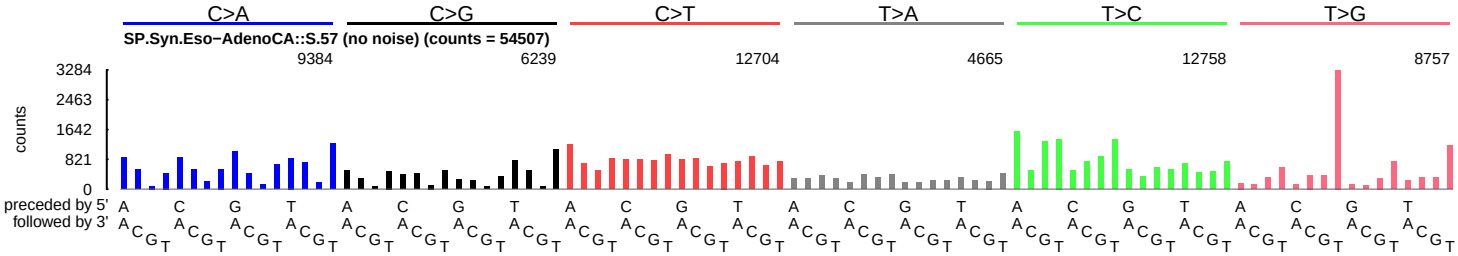

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Eso−AdenoCA::S.52 (no noise) (counts = 22903)
2159
1050
4270
2160
9565
3699
3852
2889
1926
963
0
counts
preceded by 5'
followed by 3'

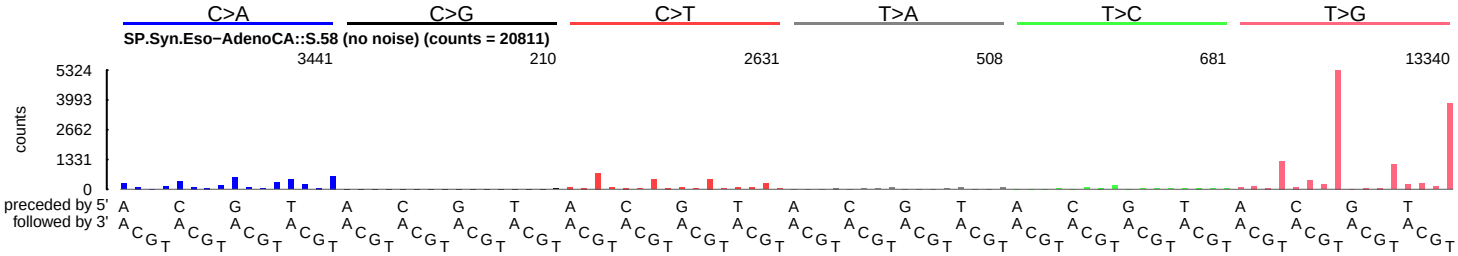

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Eso−AdenoCA::S.53 (no noise) (counts = 14460)
2008
2382
5068
1049
2344
1609
1488
1116
744
372
0
counts
preceded by 5'
followed by 3'

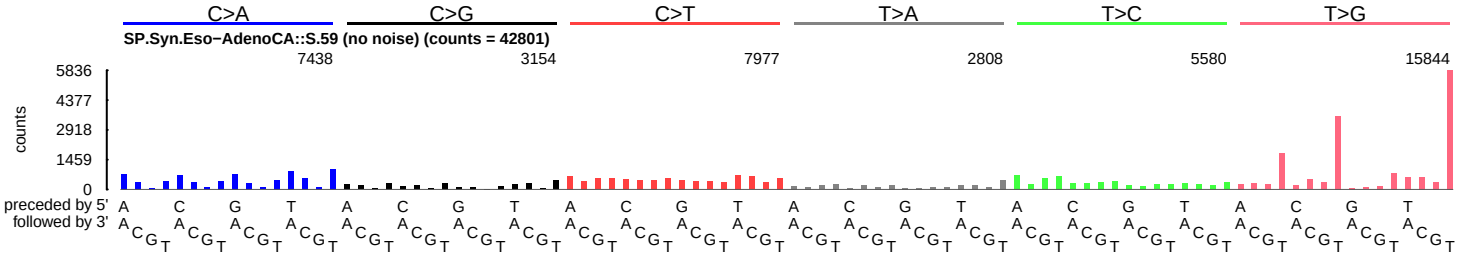

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Eso−AdenoCA::S.54 (no noise) (counts = 8499)
1291
297
1804
531
1958
2618
1412
1059
706
353
0
counts
preceded by 5'
followed by 3'

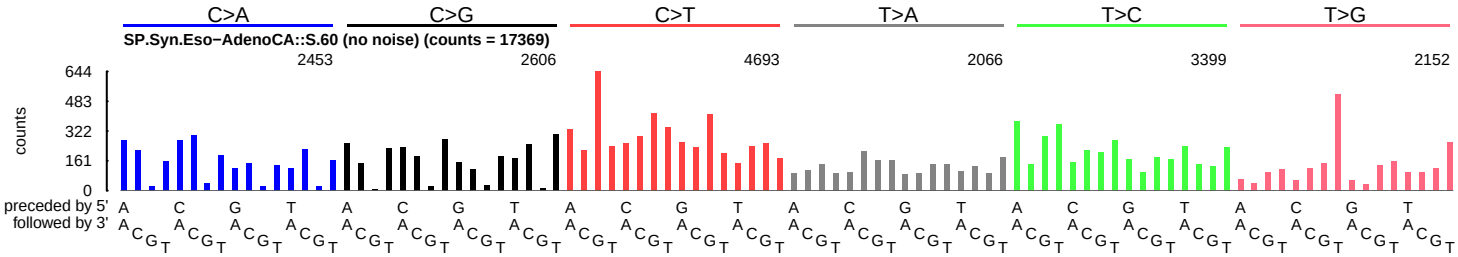

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Eso−AdenoCA::S.55 (no noise) (counts = 56923)
2914
1813
8305
2014
3650
38227
21788
16341
10894
5447
0
counts
preceded by 5'
followed by 3'

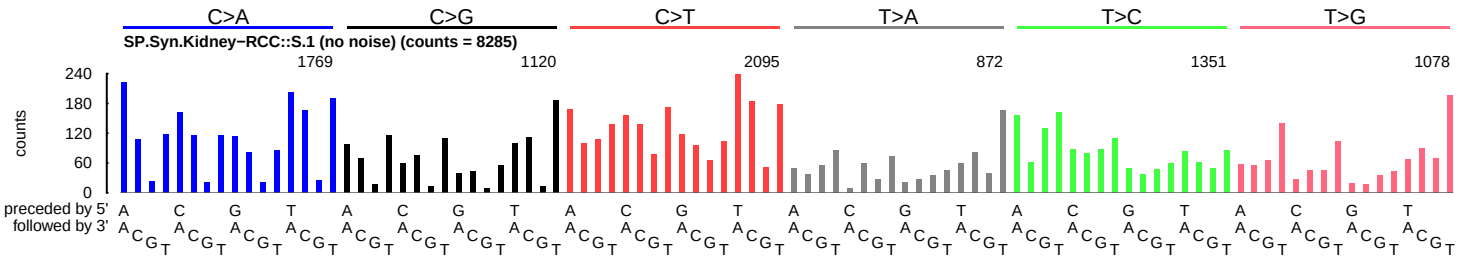

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Eso−AdenoCA::S.56 (no noise) (counts = 28523)
769
659
3394
1341
5300
17060
9792
7344
4896
2448
0
counts
preceded by 5'
followed by 3'

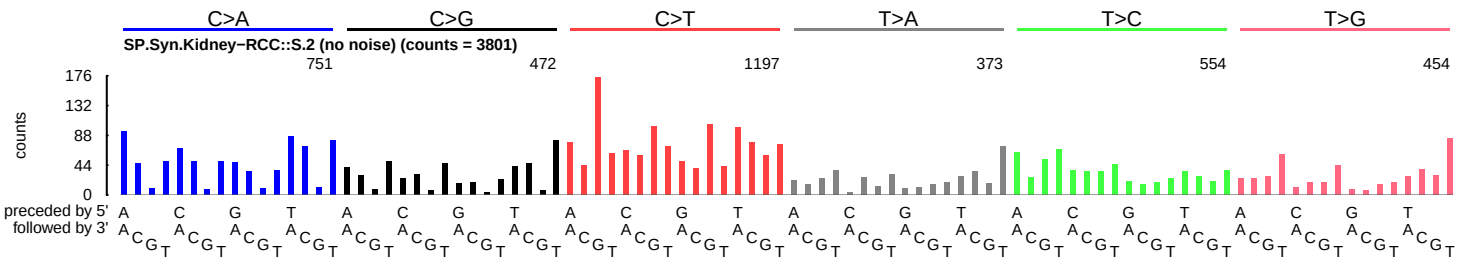

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Eso−AdenoCA::S.57 (no noise) (counts = 54507)
9384
6239
12704
4665
12758
8757
counts
3284
2463
1642
821
0
preceded by 5'
followed by 3'

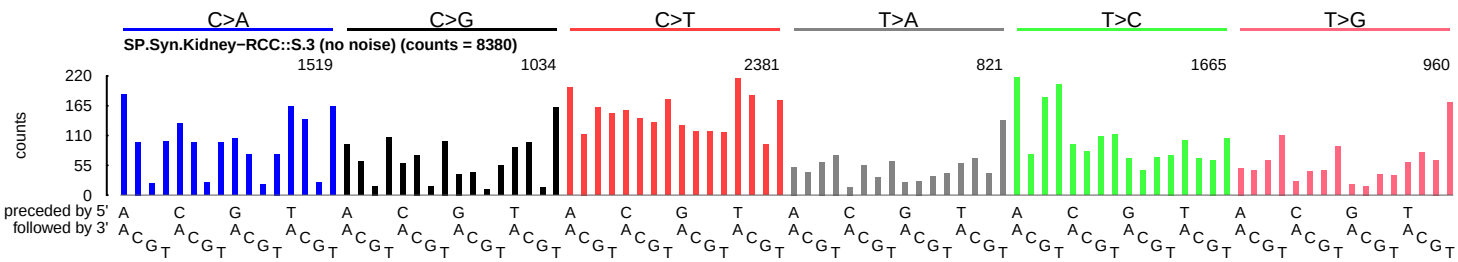

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Eso−AdenoCA::S.58 (no noise) (counts = 20811)
3441
210
2631
508
681
13340
counts
5324
3993
2662
1331
0
preceded by 5'
followed by 3'

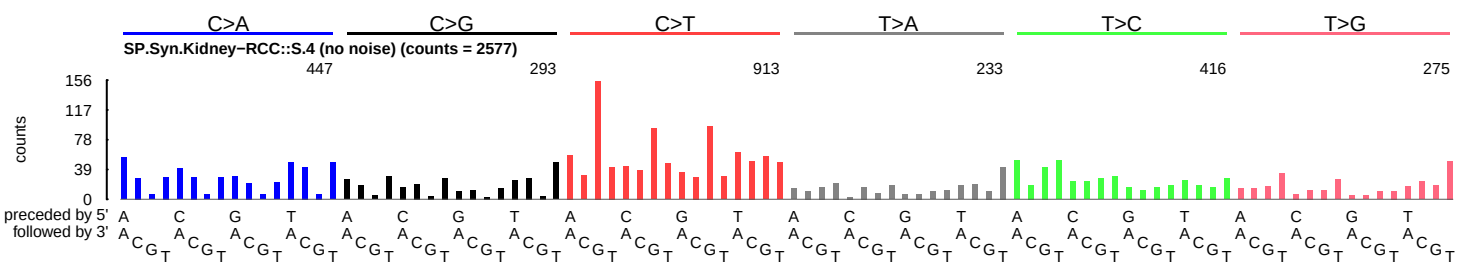

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Eso−AdenoCA::S.59 (no noise) (counts = 42801)
7438
3154
7977
2808
5580
15844
counts
5836
4377
2918
1459
0
preceded by 5'
followed by 3'

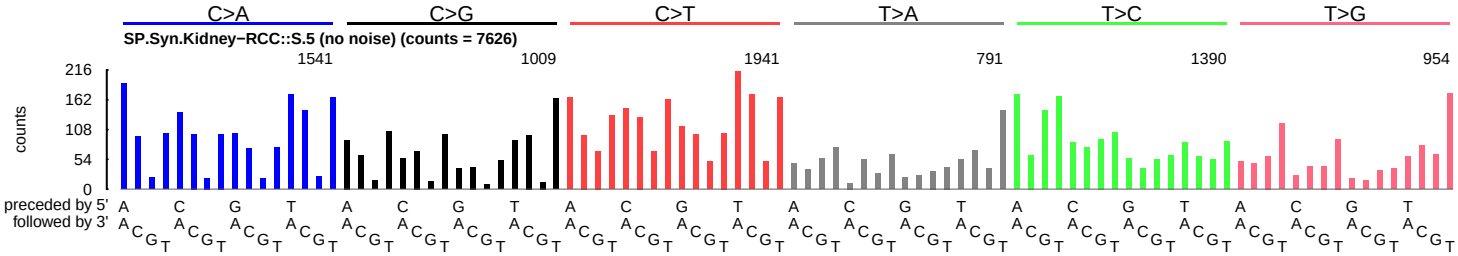

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Eso−AdenoCA::S.60 (no noise) (counts = 17369)
2453
2606
4693
2066
3399
2152
counts
644
483
322
161
0
preceded by 5'
followed by 3'

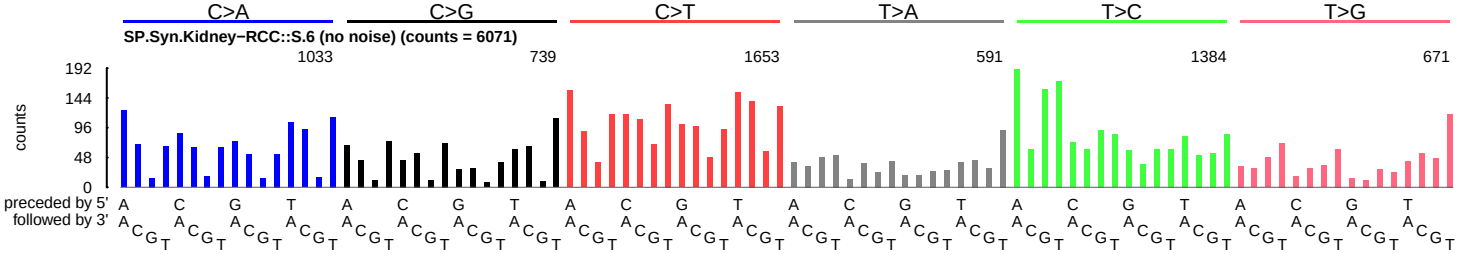

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Kidney−RCC::S.1 (no noise) (counts = 8285)
1769
1120
2095
872
1351
1078
counts
240
180
120
60
0
preceded by 5'
followed by 3'

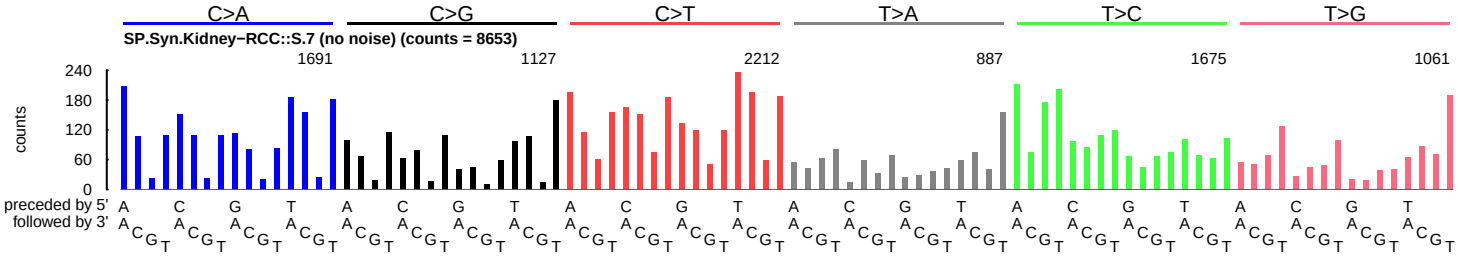

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Kidney−RCC::S.2 (no noise) (counts = 3801)
751
472
1197
373
554
454
counts
176
132
88
44
0
preceded by 5'
followed by 3'

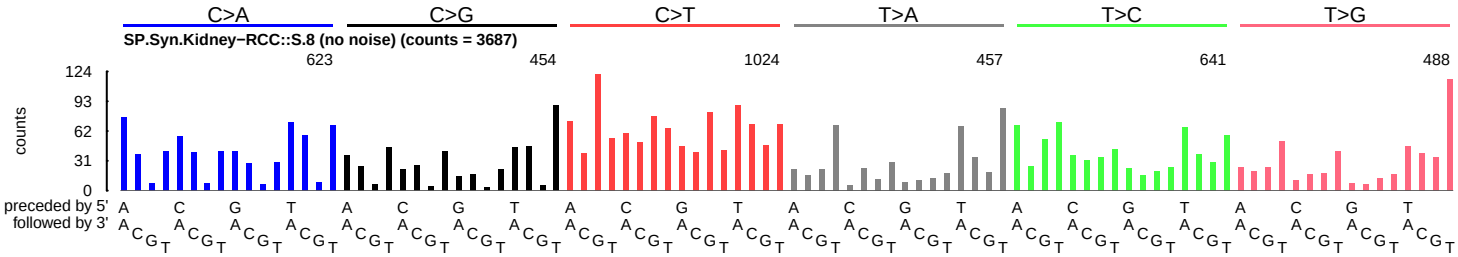

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Kidney−RCC::S.3 (no noise) (counts = 8380)
1519
1034
2381
821
1665
960
counts
220
165
110
55
0
preceded by 5'
followed by 3'

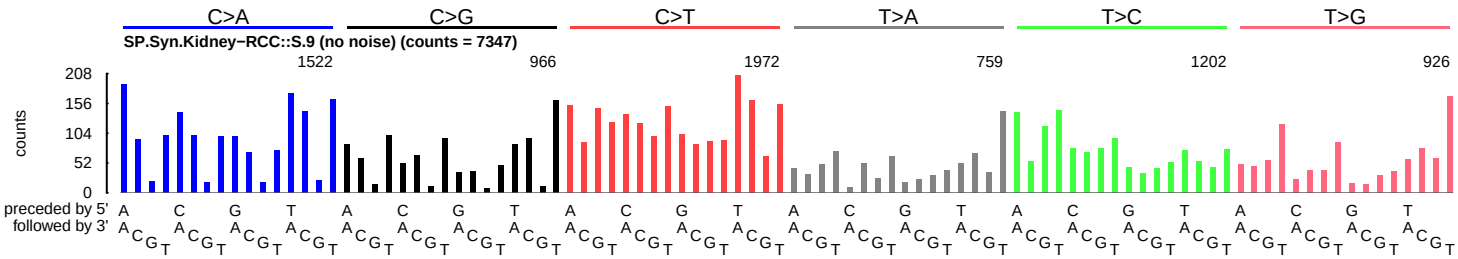

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Kidney−RCC::S.4 (no noise) (counts = 2577)
447
293
913
233
416
275
counts
156
117
78
39
0
preceded by 5'
followed by 3'

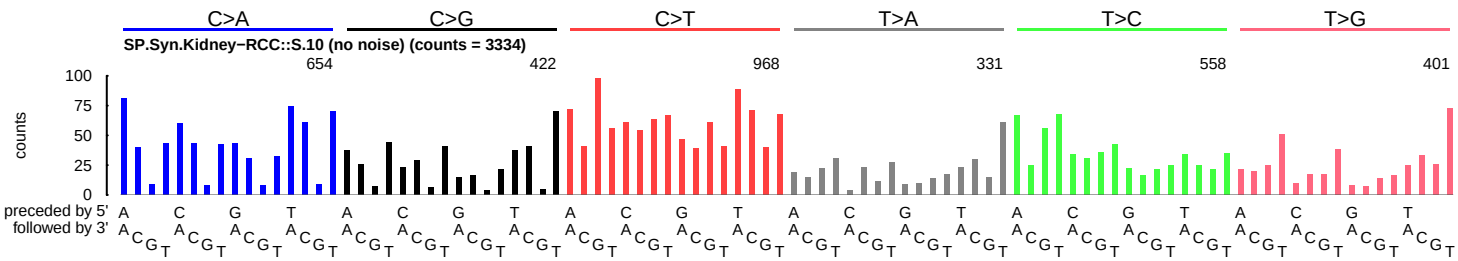

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Kidney−RCC::S.5 (no noise) (counts = 7626)
1541
1009
1941
791
1390
954
counts
216
162
108
54
0
preceded by 5'
followed by 3'

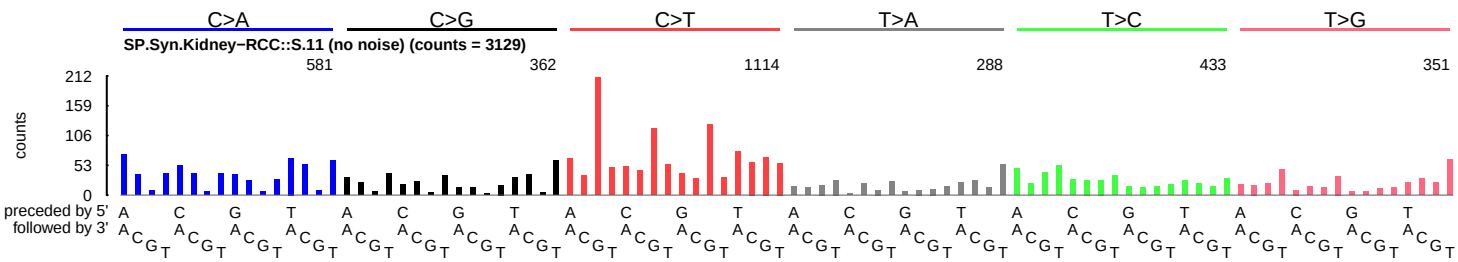

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Kidney−RCC::S.6 (no noise) (counts = 6071)
1033
739
1653
591
1384
671
counts
192
144
96
48
0
preceded by 5'
followed by 3'

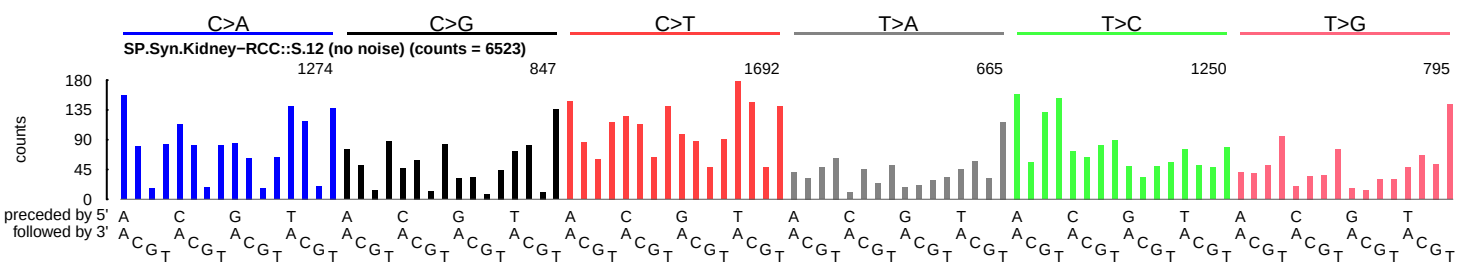

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Kidney−RCC::S.7 (no noise) (counts = 8653)
1691
1127
2212
887
1675
1061
counts
240
180
120
60
0
preceded by 5'
followed by 3'

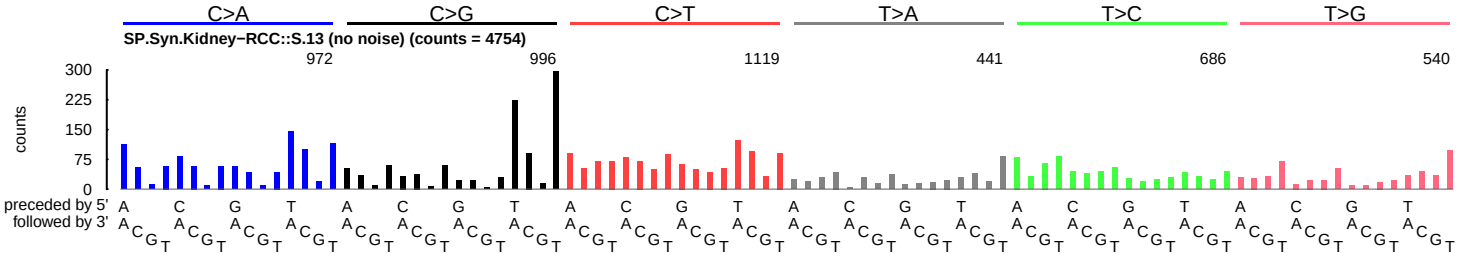

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Kidney−RCC::S.8 (no noise) (counts = 3687)
623
454
1024
457
641
488
counts
124
93
62
31
0
preceded by 5'
followed by 3'

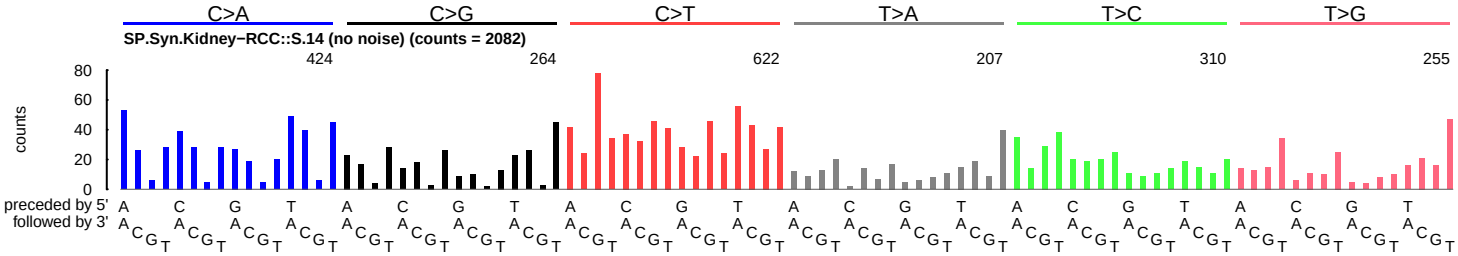

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Kidney−RCC::S.9 (no noise) (counts = 7347)
1522
966
1972
759
1202
926
counts
208
156
104
52
0
preceded by 5'
followed by 3'

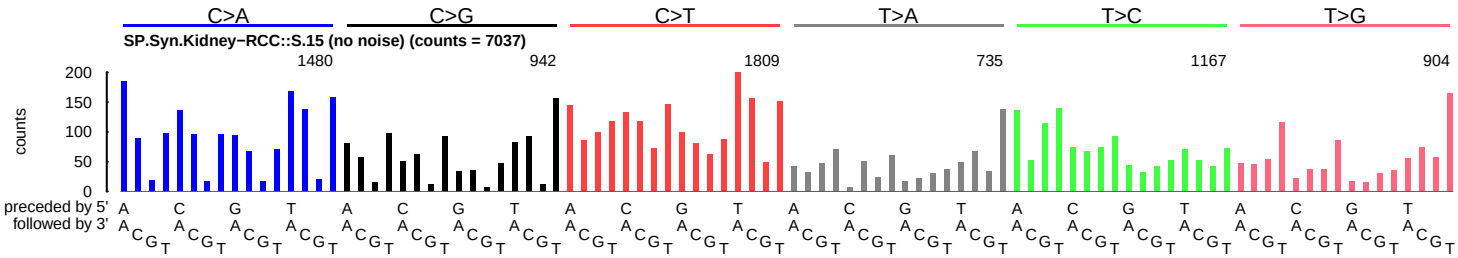

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Kidney−RCC::S.10 (no noise) (counts = 3334)
654
422
968
331
558
401
counts
100
75
50
25
0
preceded by 5'
followed by 3'

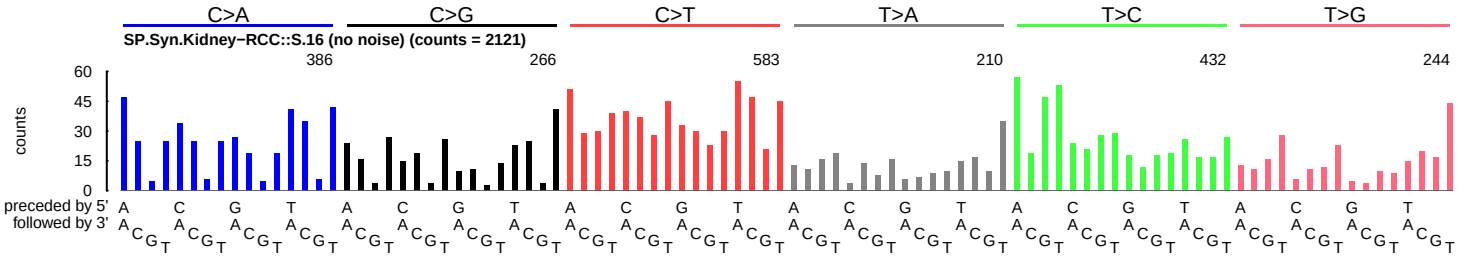

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Kidney−RCC::S.11 (no noise) (counts = 3129)
581
362
1114
288
433
351
counts
212
159
106
53
0
preceded by 5'
followed by 3'

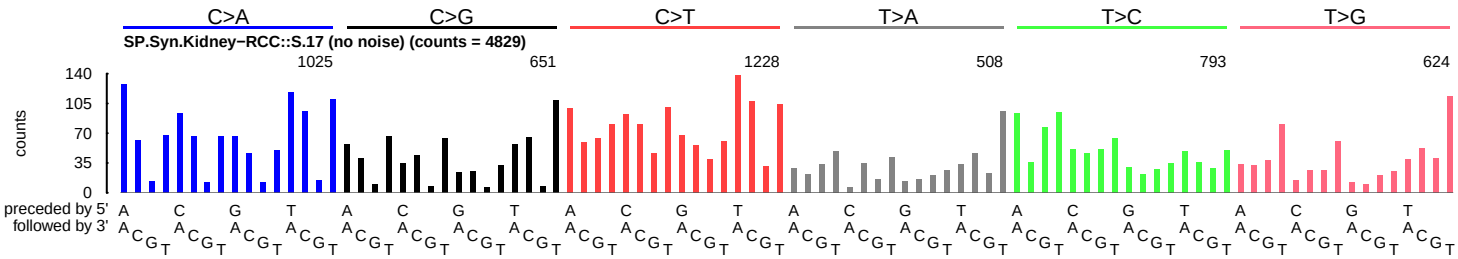

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Kidney−RCC::S.12 (no noise) (counts = 6523)
1274
847
1692
665
1250
795
counts
180
135
90
45
0
preceded by 5'
followed by 3'

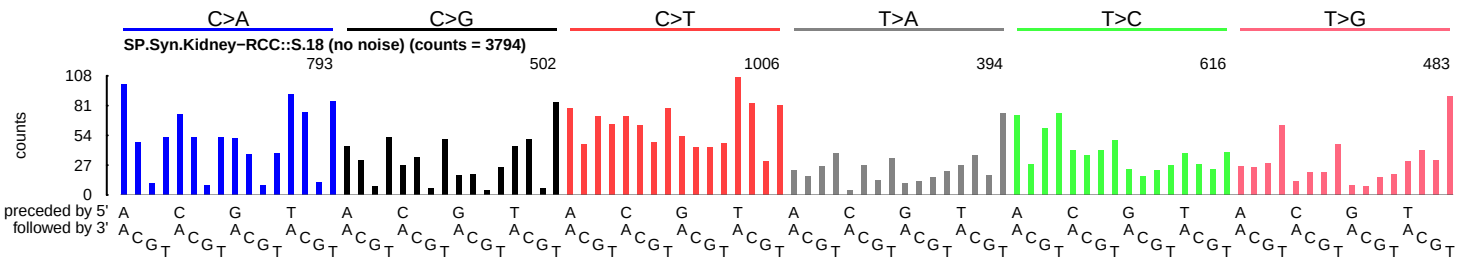

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Kidney−RCC::S.13 (no noise) (counts = 4754)
972
996
1119
441
686
540
counts
300
225
150
75
0
preceded by 5'
followed by 3'

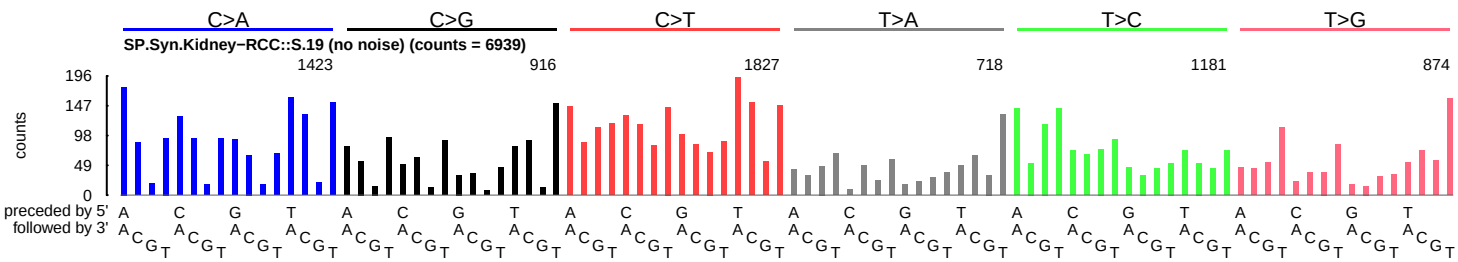

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Kidney−RCC::S.14 (no noise) (counts = 2082)
424
264
622
207
310
255
counts
80
60
40
20
0
preceded by 5'
followed by 3'

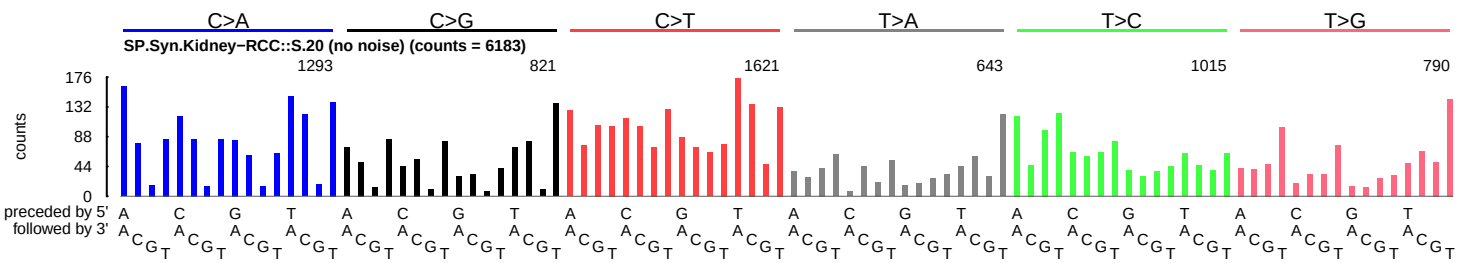

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Kidney−RCC::S.15 (no noise) (counts = 7037)
1480
942
1809
735
1167
904
counts
200
150
100
50
0
preceded by 5'
followed by 3'

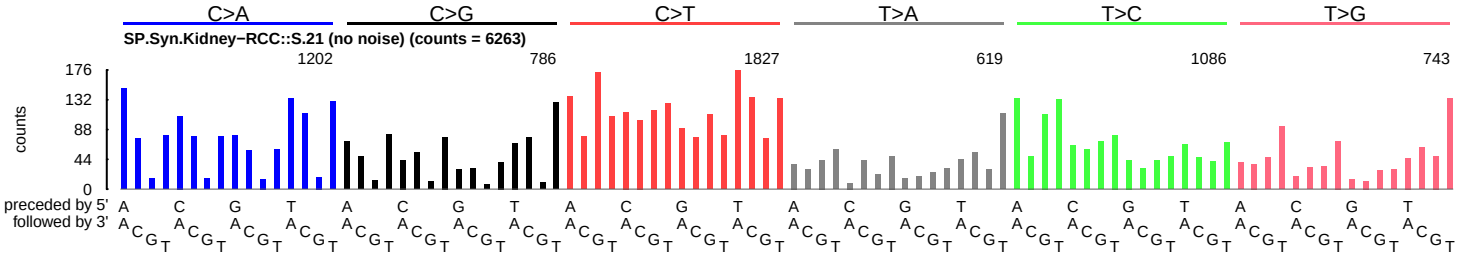

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Kidney−RCC::S.16 (no noise) (counts = 2121)
386
266
583
210
432
244
counts
60
45
30
15
0
preceded by 5'
followed by 3'

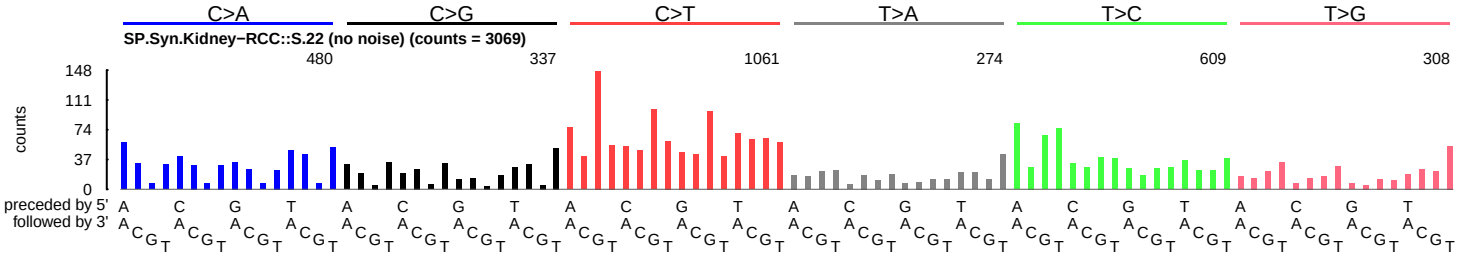

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Kidney−RCC::S.17 (no noise) (counts = 4829)
1025
651
1228
508
793
624
counts
140
105
70
35
0
preceded by 5'
followed by 3'

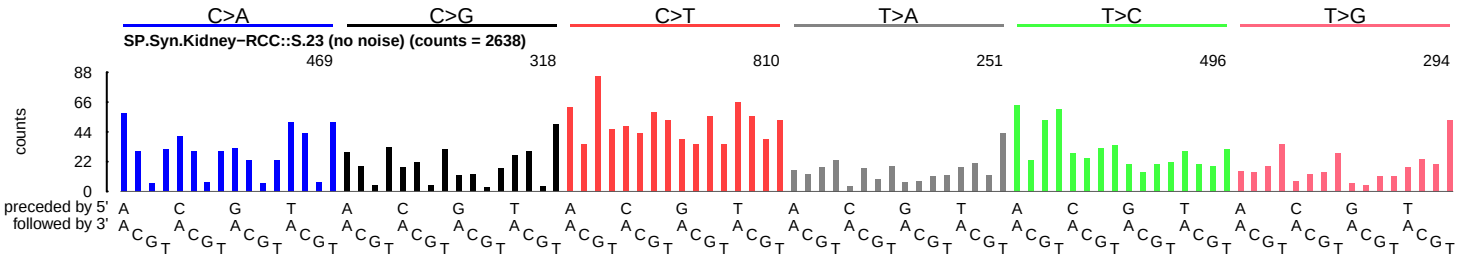

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Kidney−RCC::S.18 (no noise) (counts = 3794)
793
502
1006
394
616
483
counts
108
81
54
27
0
preceded by 5'
followed by 3'

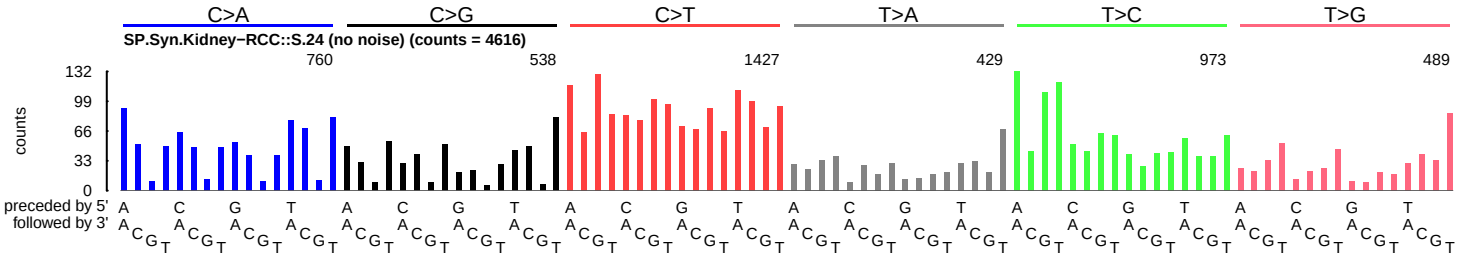

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Kidney−RCC::S.19 (no noise) (counts = 6939)
1423
916
1827
718
1181
874
counts
196
147
98
49
0
preceded by 5'
followed by 3'

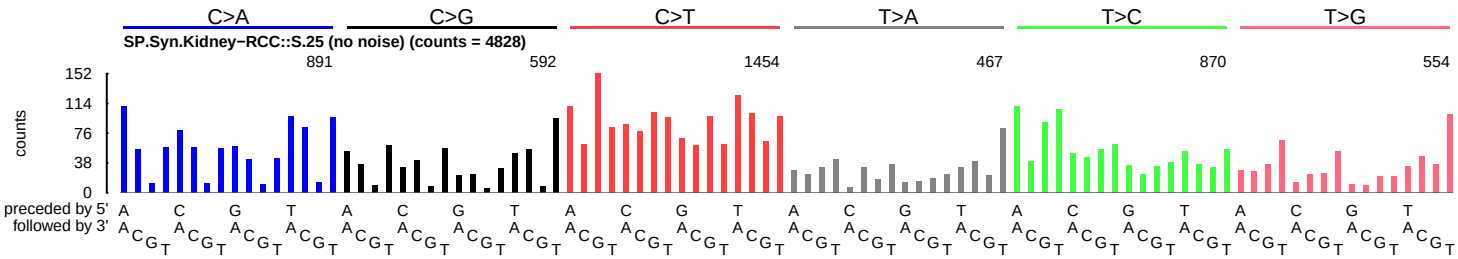

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Kidney−RCC::S.20 (no noise) (counts = 6183)
1293
821
1621
643
1015
790
counts
176
132
88
44
0
preceded by 5'
followed by 3'

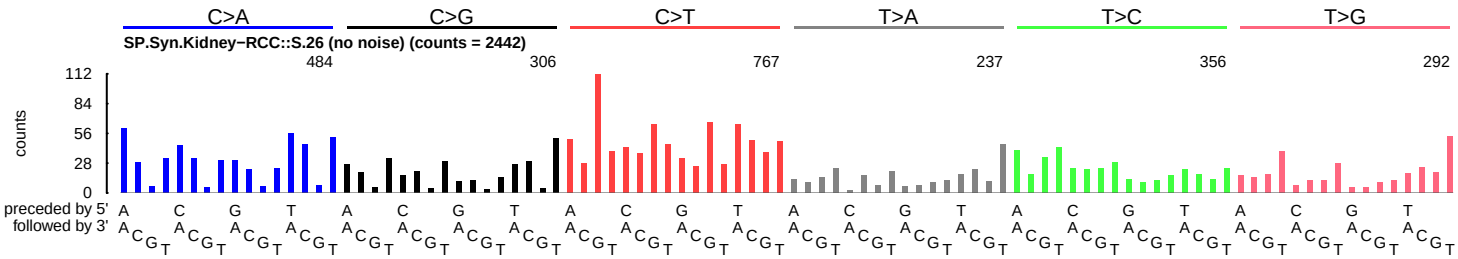

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Kidney−RCC::S.21 (no noise) (counts = 6263)
1202
786
1827
619
1086
743
counts
176
132
88
44
0
preceded by 5'
followed by 3'

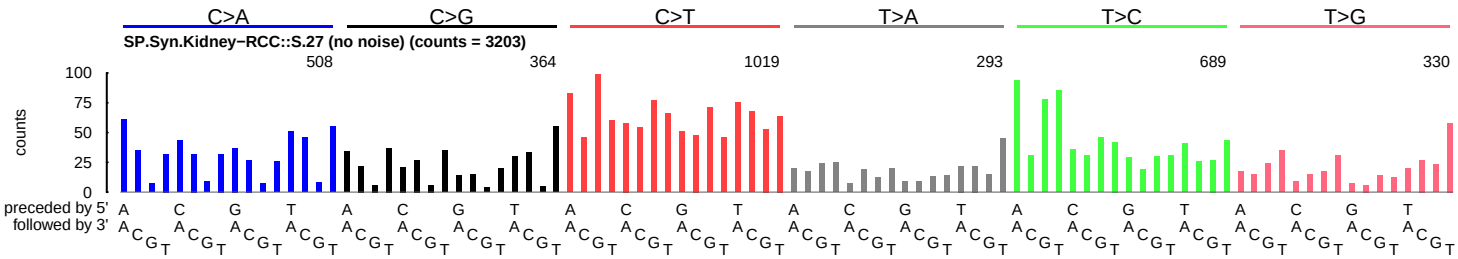

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Kidney−RCC::S.22 (no noise) (counts = 3069)
480
337
1061
274
609
308
counts
148
111
74
37
0
preceded by 5'
followed by 3'

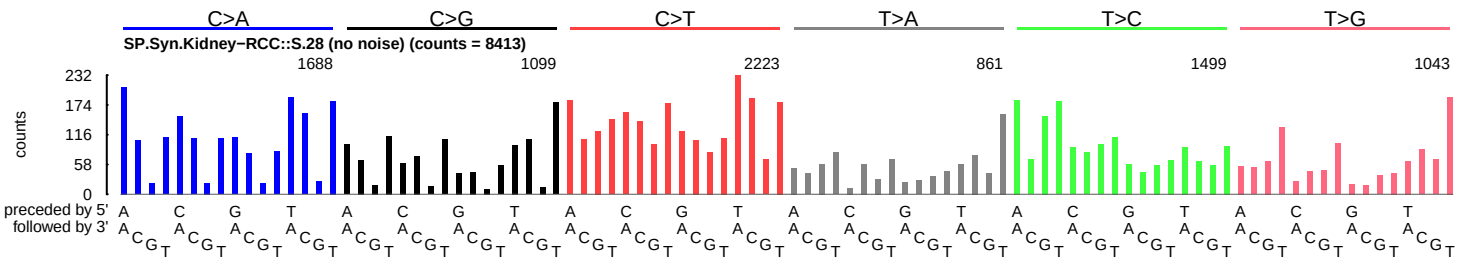

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Kidney−RCC::S.23 (no noise) (counts = 2638)
469
318
810
251
496
294
counts
88
66
44
22
0
preceded by 5'
followed by 3'

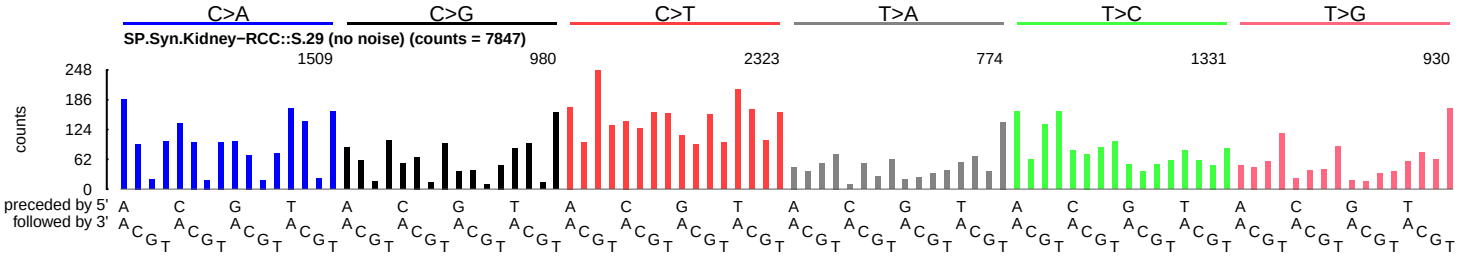

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Kidney−RCC::S.24 (no noise) (counts = 4616)
760
538
1427
429
973
489
counts
132
99
66
33
0
preceded by 5'
followed by 3'

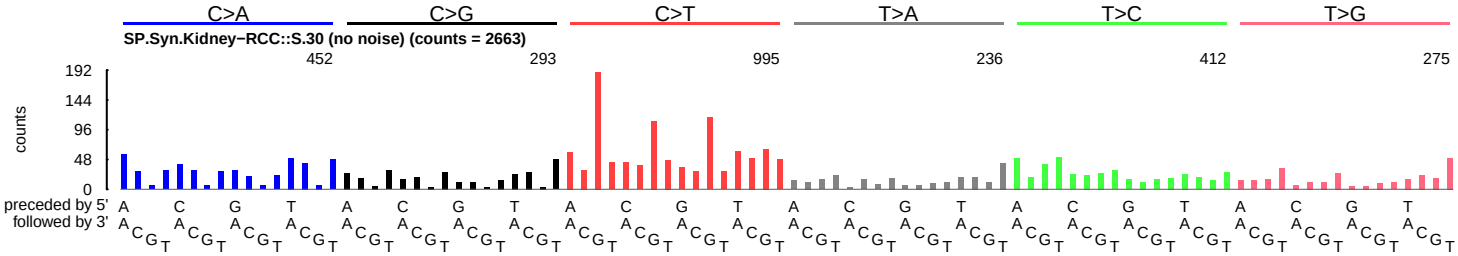

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Kidney−RCC::S.25 (no noise) (counts = 4828)
891
592
1454
467
870
554
counts
152
114
76
38
0
preceded by 5'
followed by 3'

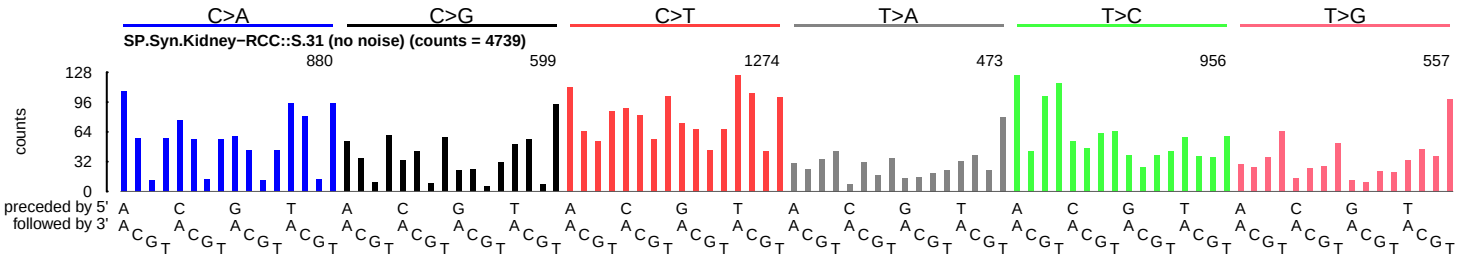

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Kidney−RCC::S.26 (no noise) (counts = 2442)
484
306
767
237
356
292
counts
112
84
56
28
0
preceded by 5'
followed by 3'

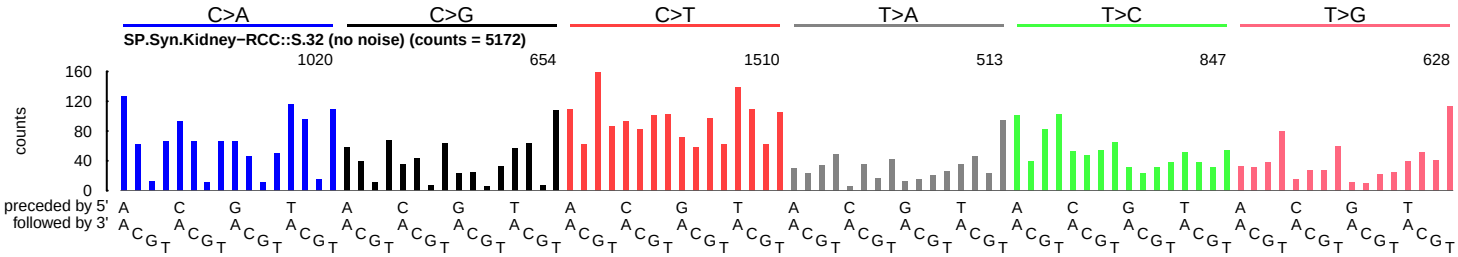

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Kidney−RCC::S.27 (no noise) (counts = 3203)
508
364
1019
293
689
330
counts
100
75
50
25
0
preceded by 5'
followed by 3'

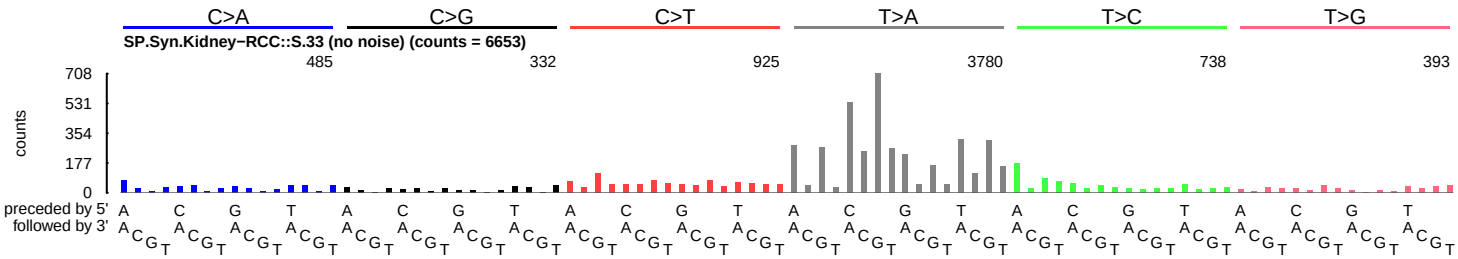

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Kidney−RCC::S.28 (no noise) (counts = 8413)
1688
1099
2223
861
1499
1043
counts
232
174
116
58
0
preceded by 5'
followed by 3'

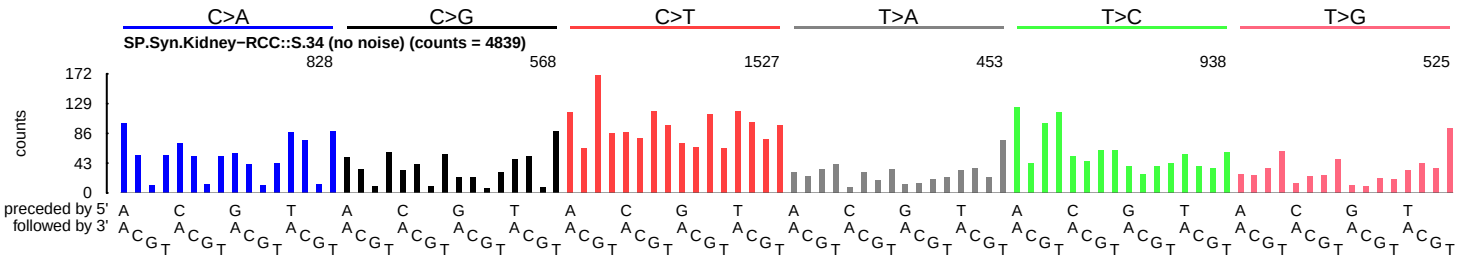

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Kidney−RCC::S.29 (no noise) (counts = 7847)
1509
980
2323
774
1331
930
counts
248
186
124
62
0
preceded by 5'
followed by 3'

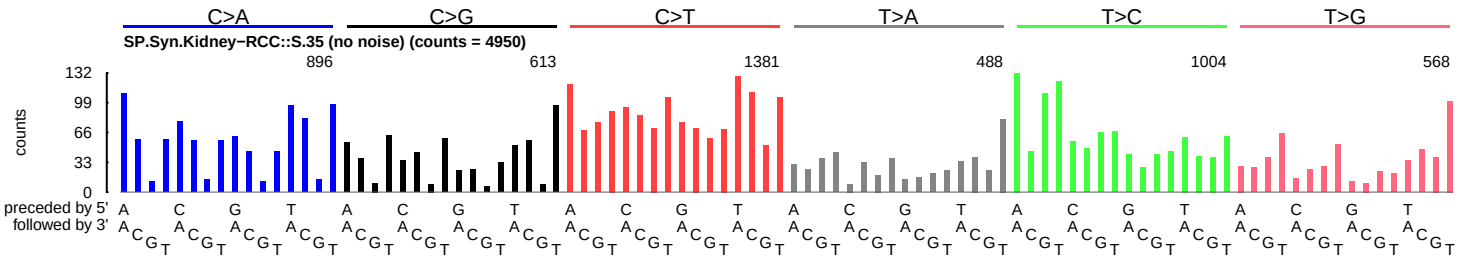

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Kidney−RCC::S.30 (no noise) (counts = 2663)
452
293
995
236
412
275
counts
192
144
96
48
0
preceded by 5'
followed by 3'

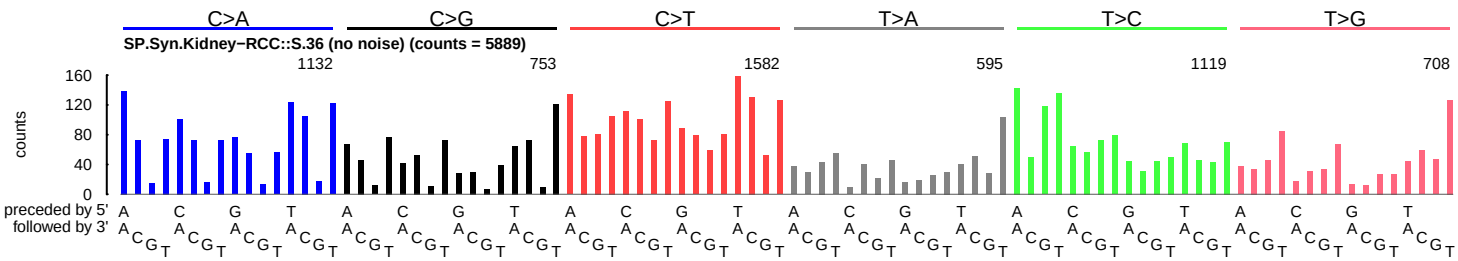

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Kidney−RCC::S.31 (no noise) (counts = 4739)
880
599
1274
473
956
557
counts
128
96
64
32
0
preceded by 5'
followed by 3'

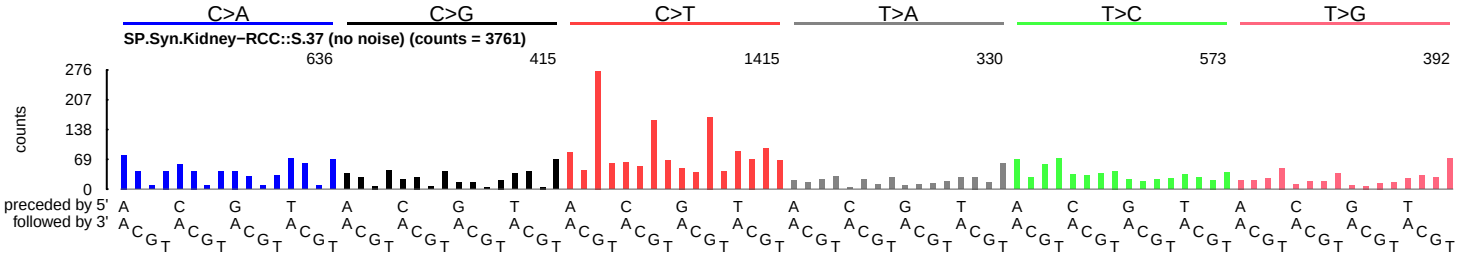

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Kidney−RCC::S.32 (no noise) (counts = 5172)
1020
654
1510
513
847
628
counts
160
120
80
40
0
preceded by 5'
followed by 3'

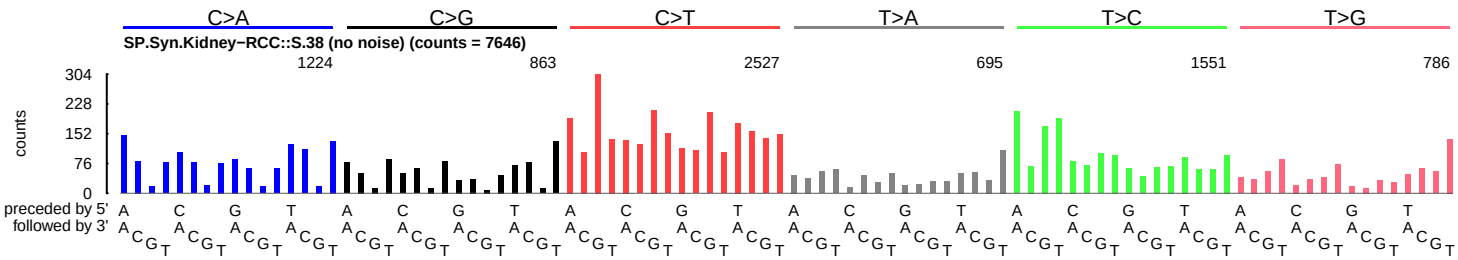

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Kidney−RCC::S.33 (no noise) (counts = 6653)
485
332
925
3780
738
393
counts
708
531
354
177
0
preceded by 5'
followed by 3'

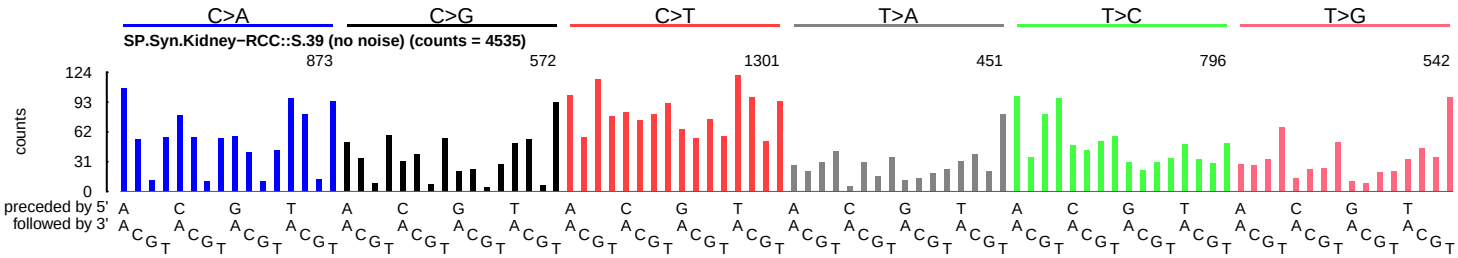

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Kidney−RCC::S.34 (no noise) (counts = 4839)
828
568
1527
453
938
525
counts
172
129
86
43
0
preceded by 5'
followed by 3'

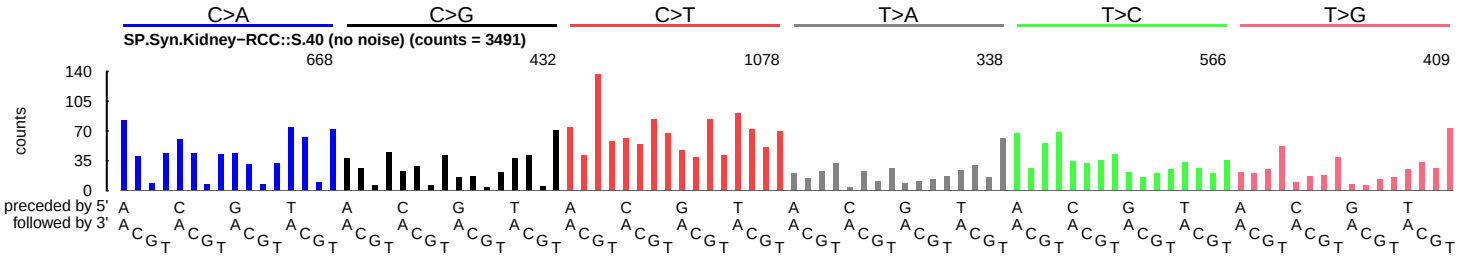

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Kidney−RCC::S.35 (no noise) (counts = 4950)
896
613
1381
488
1004
568
counts
132
99
66
33
0
preceded by 5'
followed by 3'

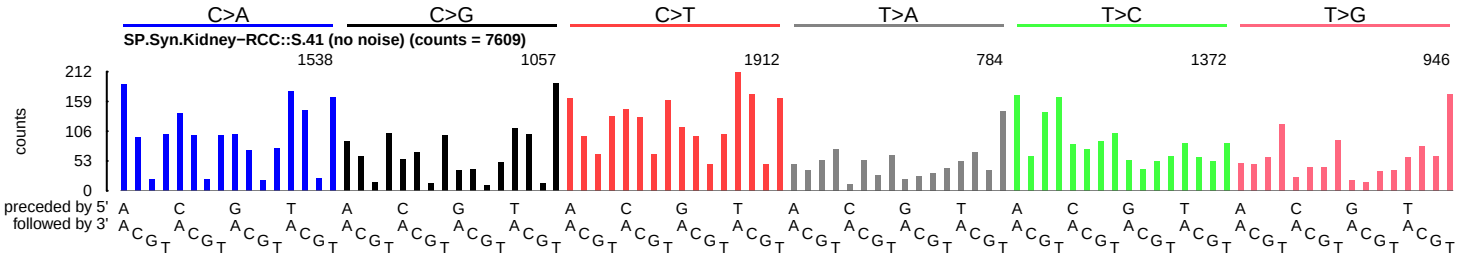

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Kidney−RCC::S.36 (no noise) (counts = 5889)
1132
753
1582
595
1119
708
counts
160
120
80
40
0
preceded by 5'
followed by 3'

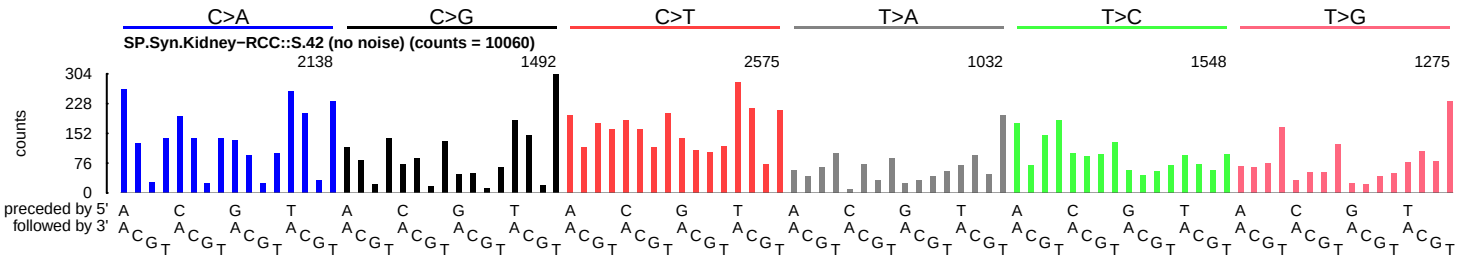

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Kidney−RCC::S.37 (no noise) (counts = 3761)
636
415
1415
330
573
392
counts
276
207
138
69
0
preceded by 5'
followed by 3'

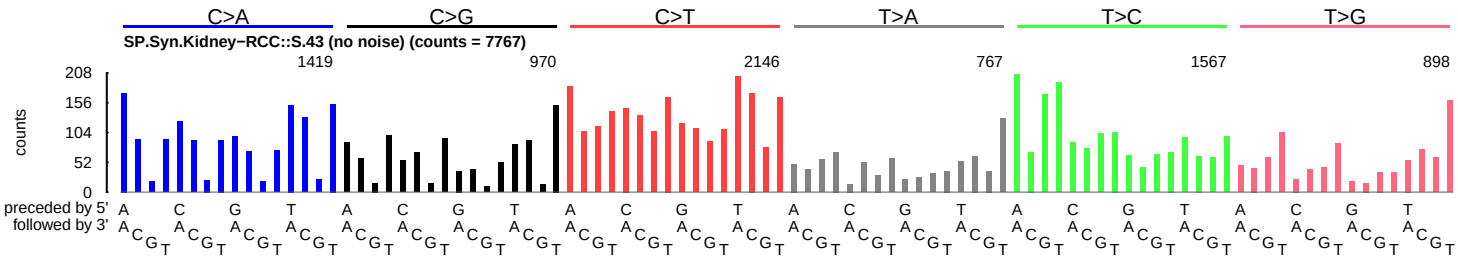

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Kidney−RCC::S.38 (no noise) (counts = 7646)
1224
863
2527
695
1551
786
counts
304
228
152
76
0
preceded by 5'
followed by 3'

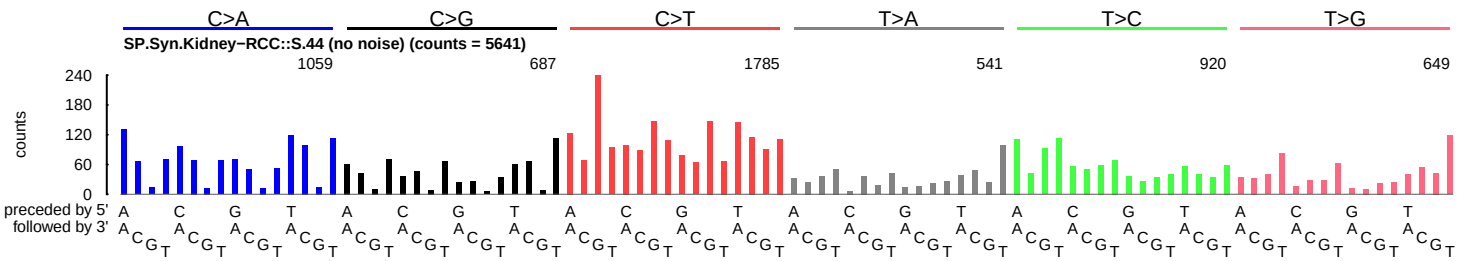

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Kidney−RCC::S.39 (no noise) (counts = 4535)
873
572
1301
451
796
542
counts
124
93
62
31
0
preceded by 5'
followed by 3'

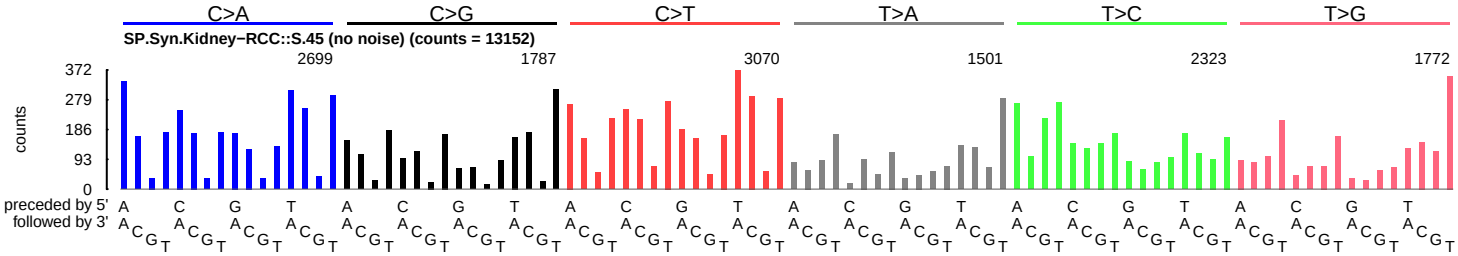

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Kidney−RCC::S.40 (no noise) (counts = 3491)
668
432
1078
338
566
409
counts
140
105
70
35
0
preceded by 5'
followed by 3'

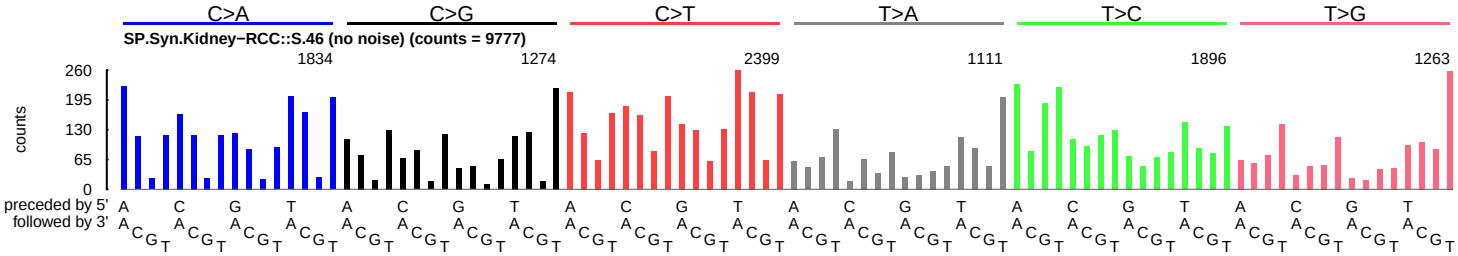

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Kidney−RCC::S.41 (no noise) (counts = 7609)
1538
1057
1912
784
1372
946
counts
212
159
106
53
0
preceded by 5'
followed by 3'

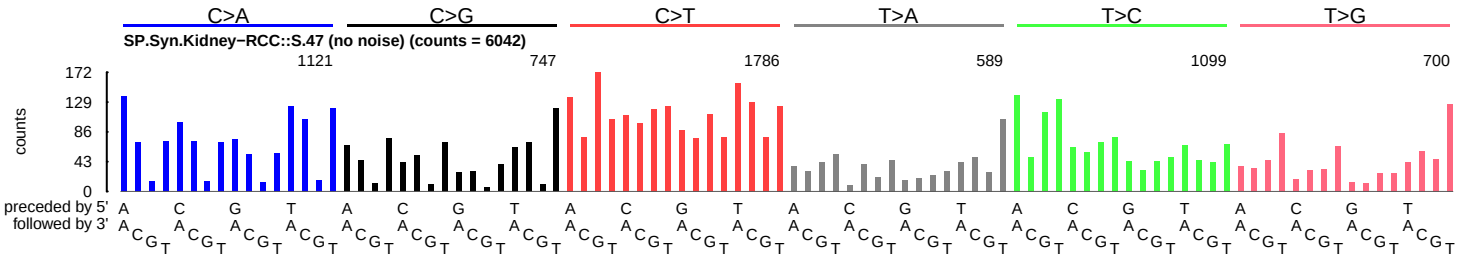

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Kidney−RCC::S.42 (no noise) (counts = 10060)
2138
1492
2575
1032
1548
1275
counts
304
228
152
76
0
preceded by 5'
followed by 3'

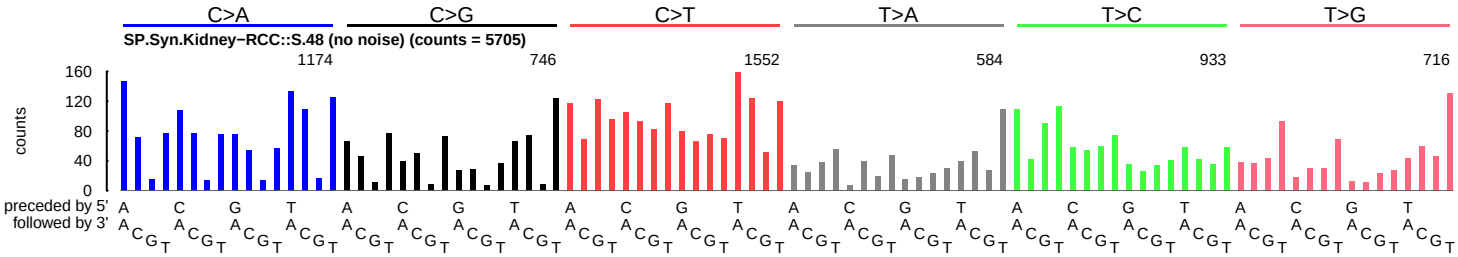

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Kidney−RCC::S.43 (no noise) (counts = 7767)
1419
970
2146
767
1567
898
counts
208
156
104
52
0
preceded by 5'
followed by 3'

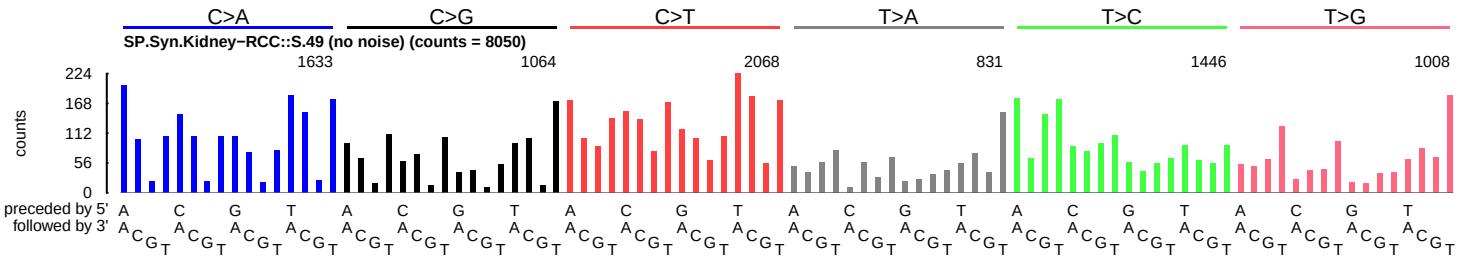

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Kidney−RCC::S.44 (no noise) (counts = 5641)
1059
687
1785
541
920
649
counts
240
180
120
60
0
preceded by 5'
followed by 3'

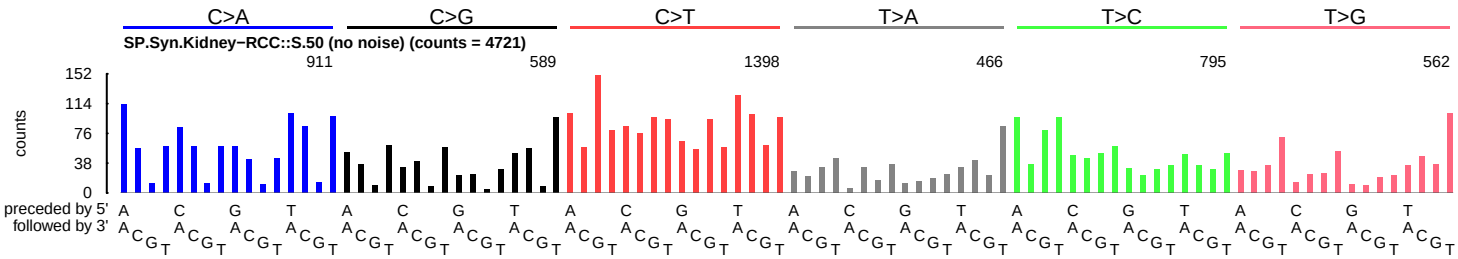

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Kidney−RCC::S.45 (no noise) (counts = 13152)
2699
1787
3070
1501
2323
1772
counts
372
279
186
93
0
preceded by 5'
followed by 3'

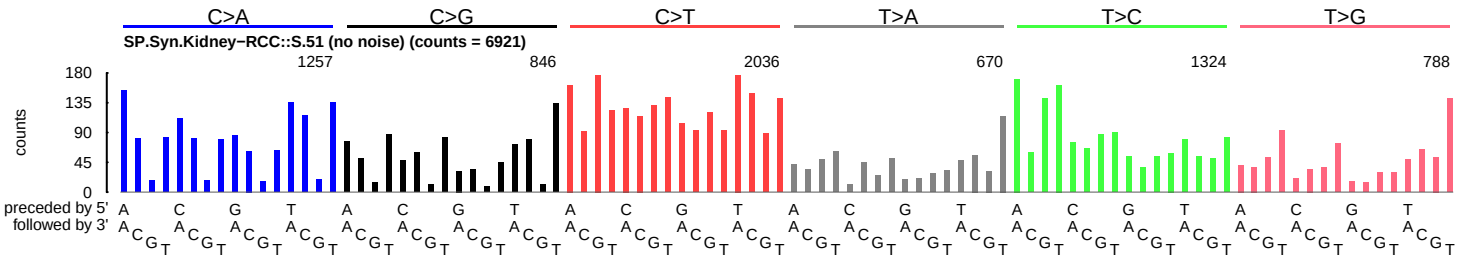

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Kidney−RCC::S.46 (no noise) (counts = 9777)
1834
1274
2399
1111
1896
1263
counts
260
195
130
65
0
preceded by 5'
followed by 3'

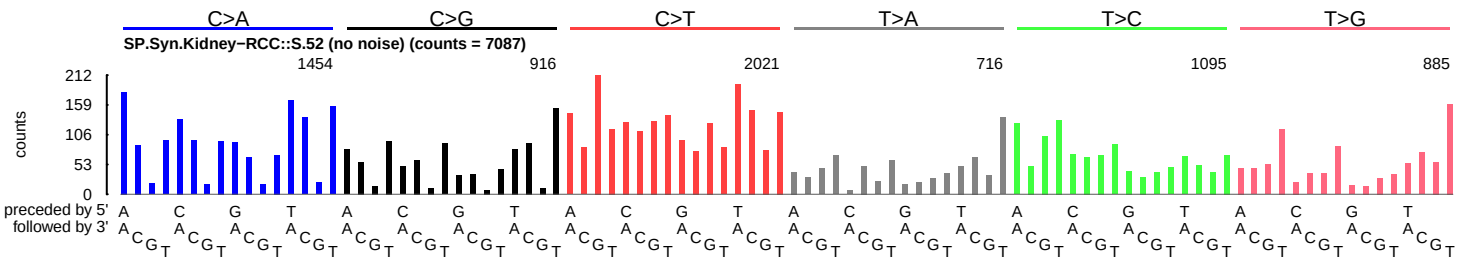

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Kidney−RCC::S.47 (no noise) (counts = 6042)
1121
747
1786
589
1099
700
counts
172
129
86
43
0
preceded by 5'
followed by 3'

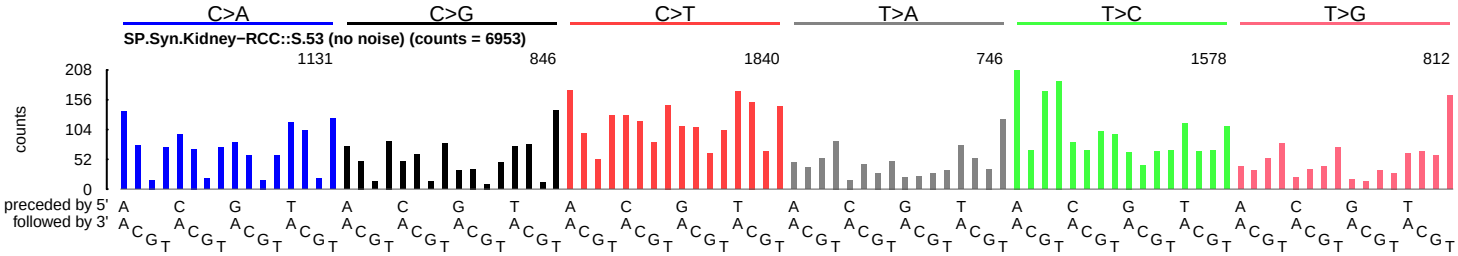

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Kidney−RCC::S.48 (no noise) (counts = 5705)
1174
746
1552
584
933
716
counts
160
120
80
40
0
preceded by 5'
followed by 3'

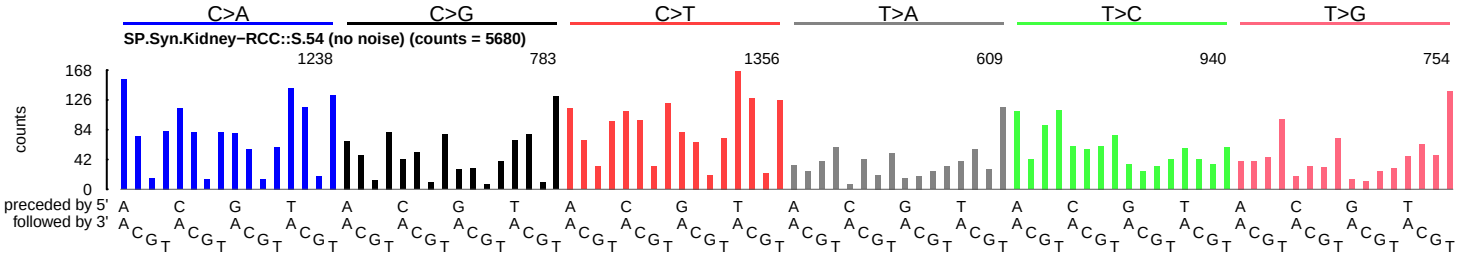

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Kidney−RCC::S.49 (no noise) (counts = 8050)
1633
1064
2068
831
1446
1008
counts
224
168
112
56
0
preceded by 5'
followed by 3'

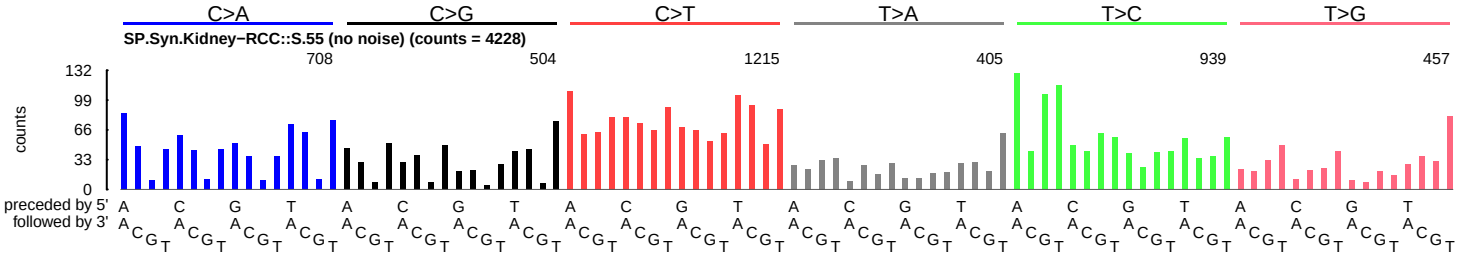

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Kidney−RCC::S.50 (no noise) (counts = 4721)
911
589
1398
466
795
562
counts
152
114
76
38
0
preceded by 5'
followed by 3'

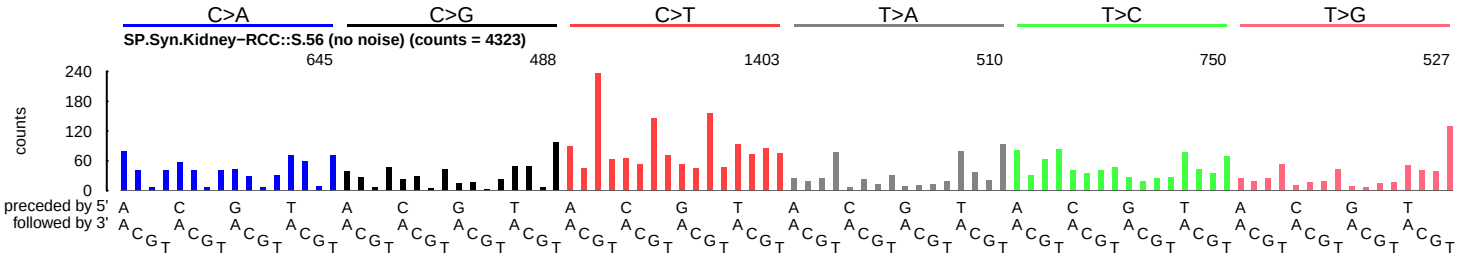

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Kidney−RCC::S.51 (no noise) (counts = 6921)
1257
846
2036
670
1324
788
counts
180
135
90
45
0
preceded by 5'
followed by 3'

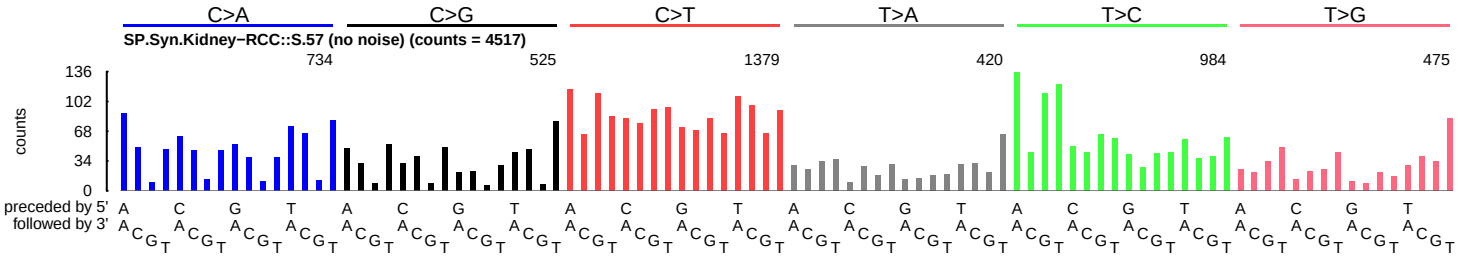

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Kidney−RCC::S.52 (no noise) (counts = 7087)
1454
916
2021
716
1095
885
counts
212
159
106
53
0
preceded by 5'
followed by 3'

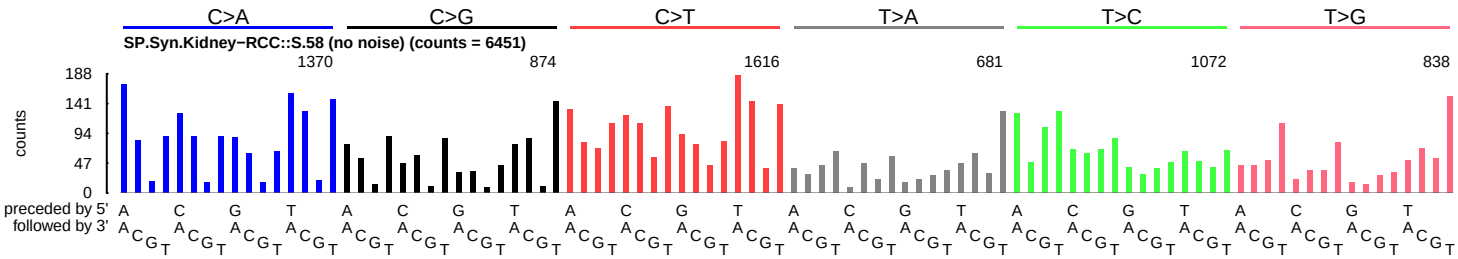

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Kidney−RCC::S.53 (no noise) (counts = 6953)
1131
846
1840
746
1578
812
counts
208
156
104
52
0
preceded by 5'
followed by 3'

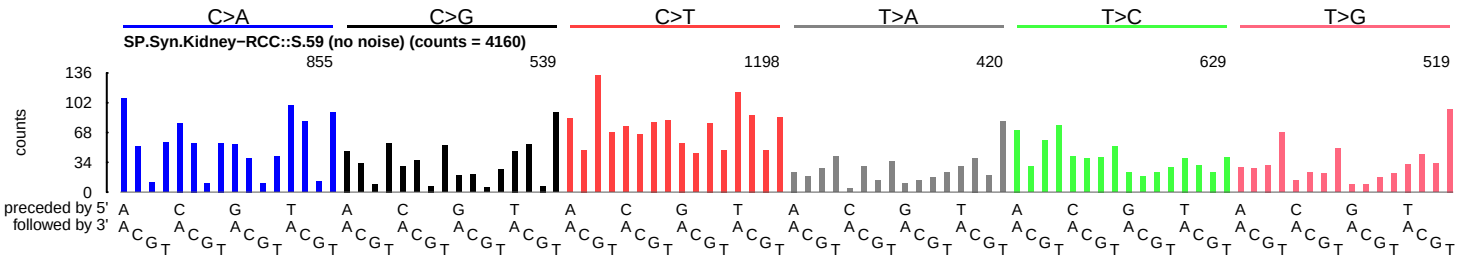

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Kidney−RCC::S.54 (no noise) (counts = 5680)
1238
783
1356
609
940
754
counts
168
126
84
42
0
preceded by 5'
followed by 3'

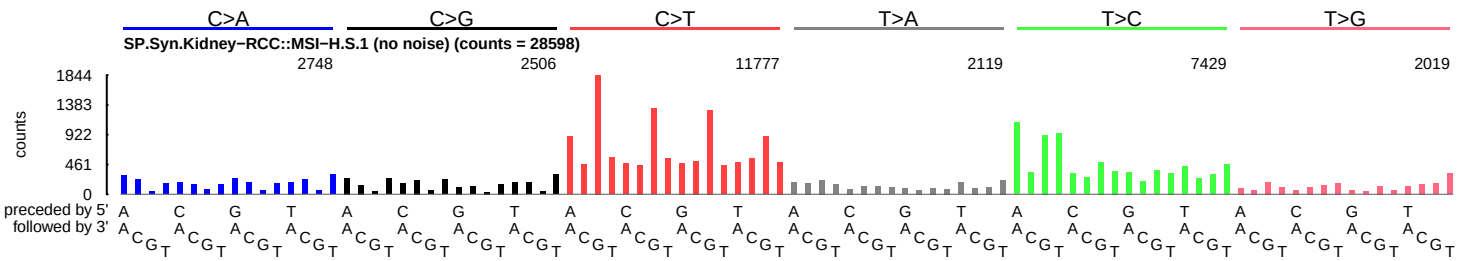

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Kidney−RCC::S.55 (no noise) (counts = 4228)
708
504
1215
405
939
457
counts
132
99
66
33
0
preceded by 5'
followed by 3'

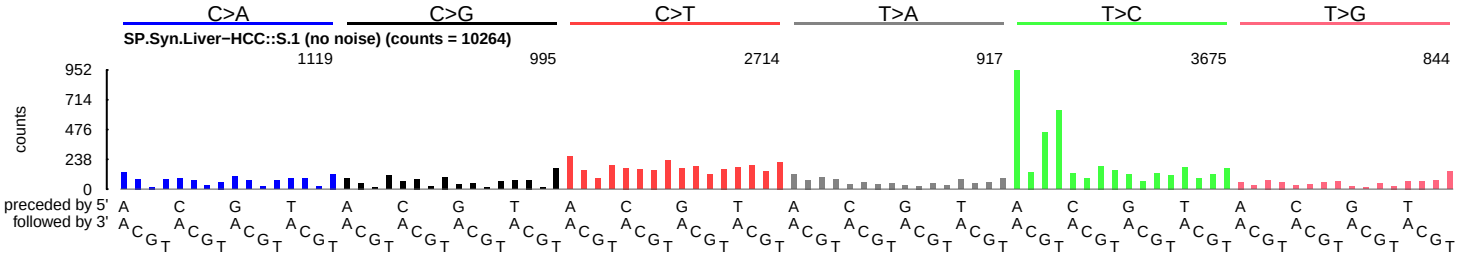

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Kidney−RCC::S.56 (no noise) (counts = 4323)
645
488
1403
510
750
527
counts
240
180
120
60
0
preceded by 5'
followed by 3'

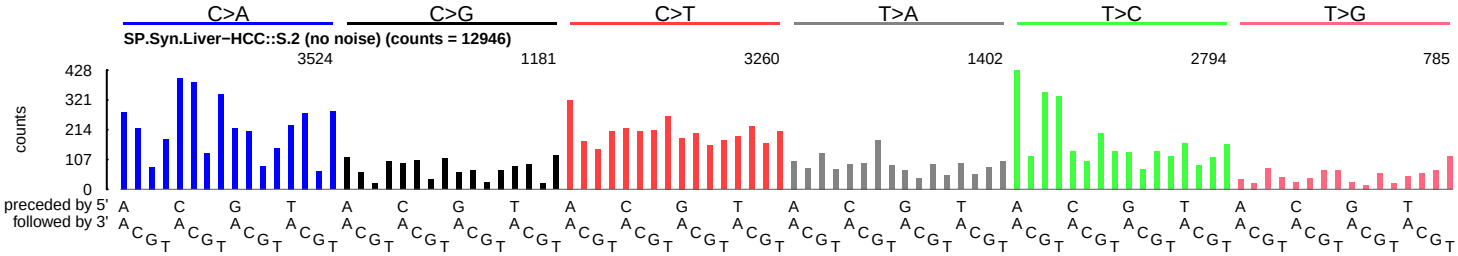

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Kidney−RCC::S.57 (no noise) (counts = 4517)
734
525
1379
420
984
475
counts
136
102
68
34
0
preceded by 5'
followed by 3'

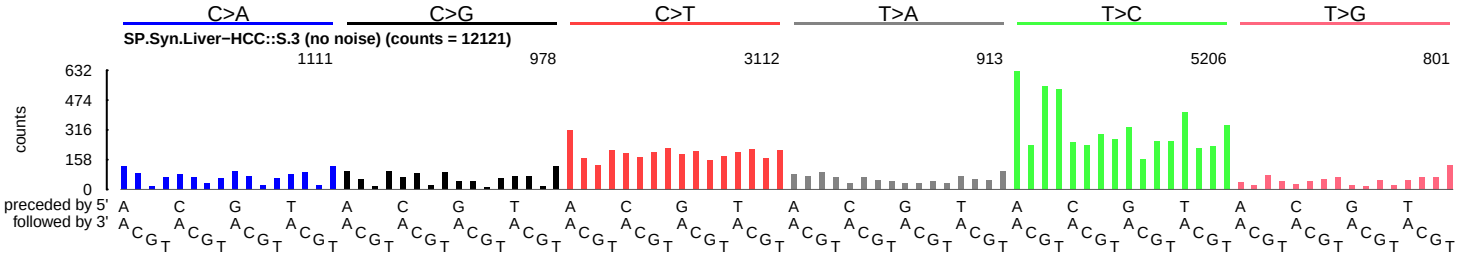

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Kidney−RCC::S.58 (no noise) (counts = 6451)
1370
874
1616
681
1072
838
counts
188
141
94
47
0
preceded by 5'
followed by 3'

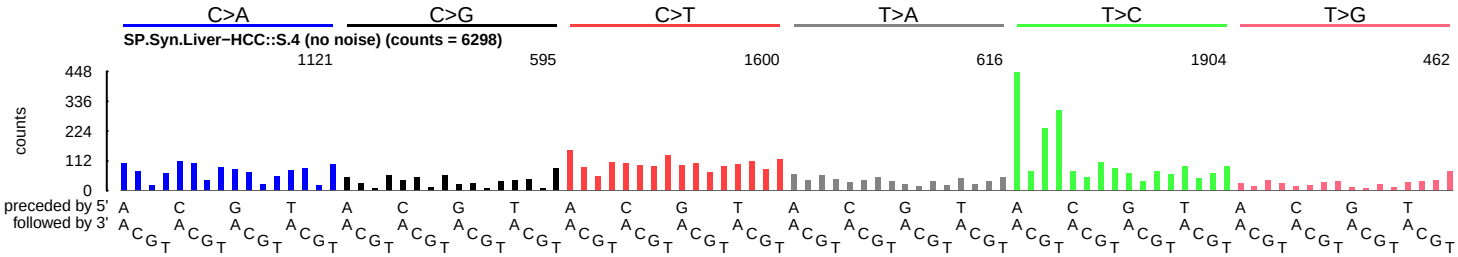

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Kidney−RCC::S.59 (no noise) (counts = 4160)
855
539
1198
420
629
519
counts
136
102
68
34
0
preceded by 5'
followed by 3'

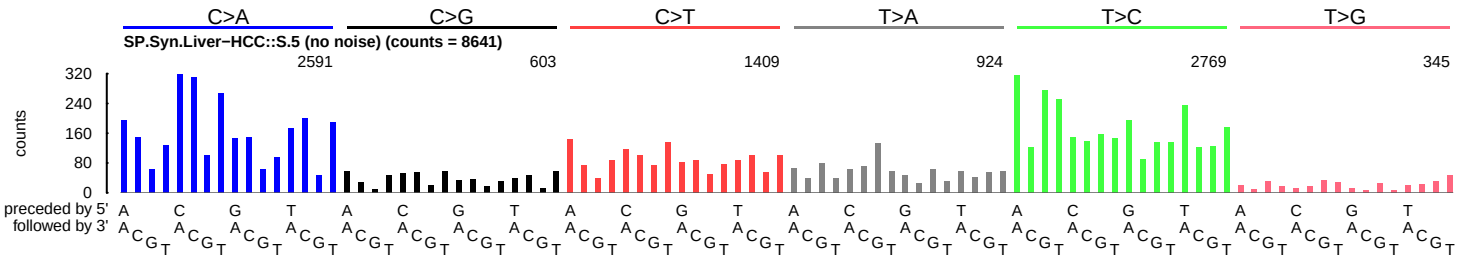

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Kidney−RCC::MSI−H.S.1 (no noise) (counts = 28598)
2748
2506
11777
2119
7429
2019
counts
1844
1383
922
461
0
preceded by 5'
followed by 3'

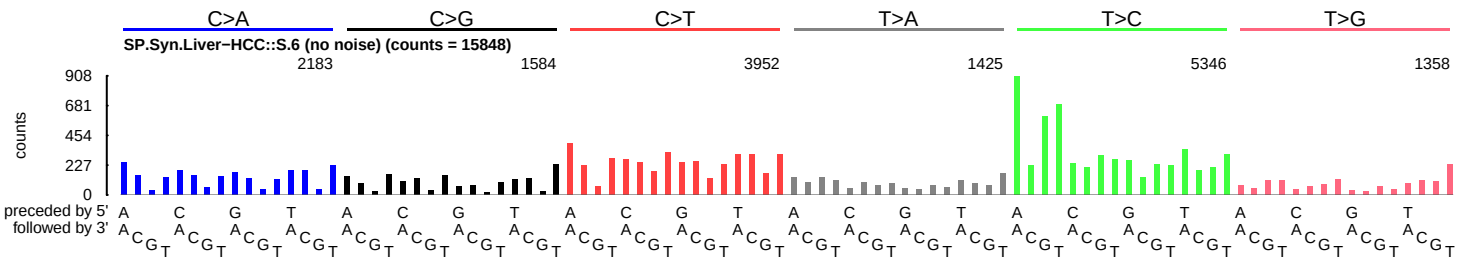

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Liver−HCC::S.1 (no noise) (counts = 10264)
1119
995
2714
917
3675
844
counts
952
714
476
238
0
preceded by 5'
followed by 3'

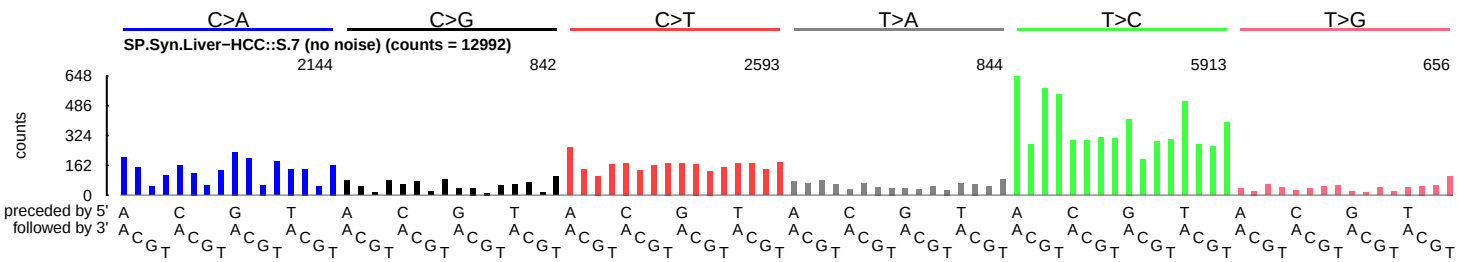

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Liver−HCC::S.2 (no noise) (counts = 12946)
3524
1181
3260
1402
2794
785
counts
428
321
214
107
0
preceded by 5'
followed by 3'

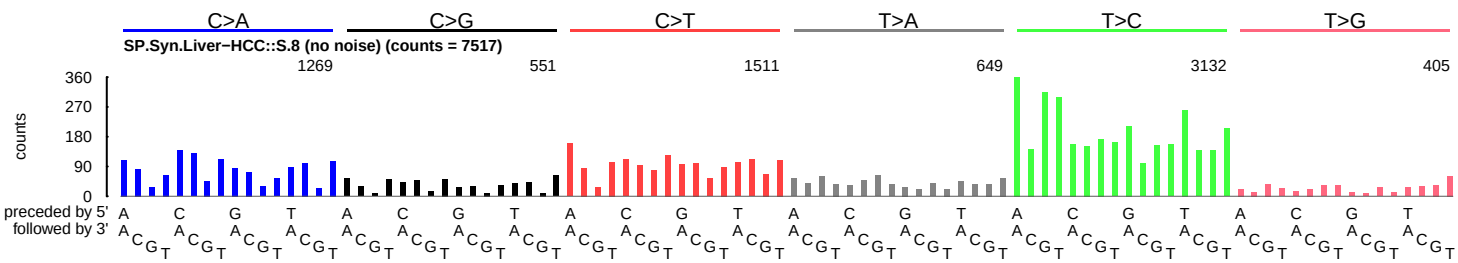

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Liver−HCC::S.3 (no noise) (counts = 12121)
1111
978
3112
913
5206
801
counts
632
474
316
158
0
preceded by 5'
followed by 3'

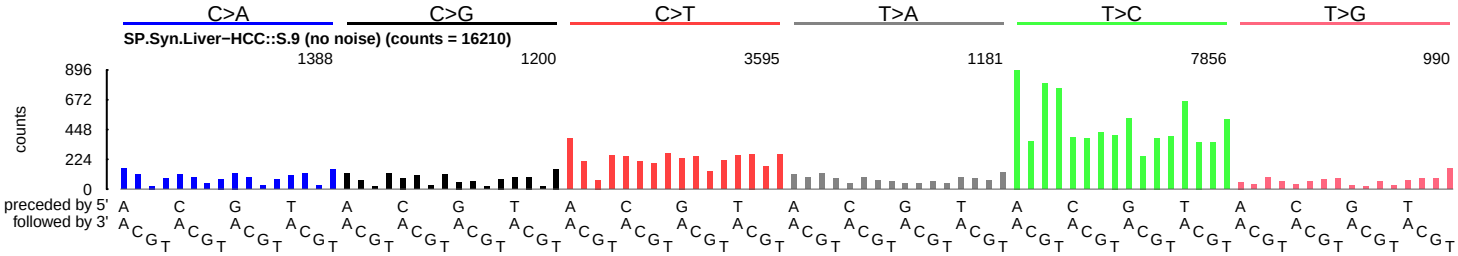

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Liver−HCC::S.4 (no noise) (counts = 6298)
1121
595
1600
616
1904
462
counts
448
336
224
112
0
preceded by 5'
followed by 3'

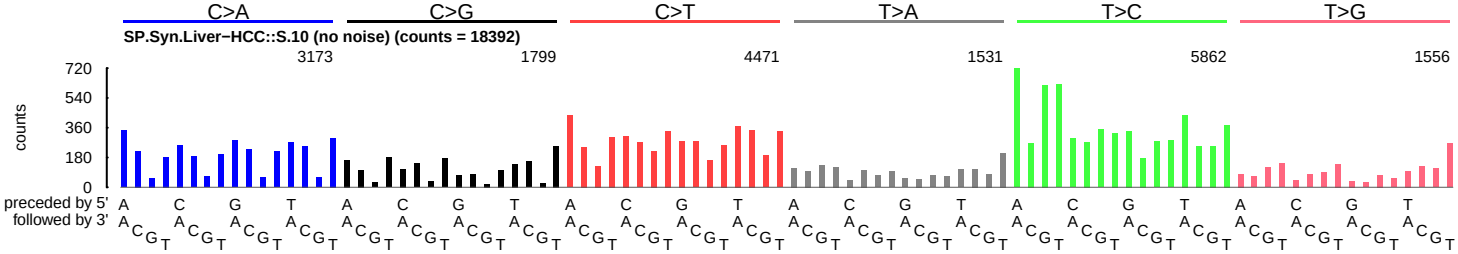

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Liver−HCC::S.5 (no noise) (counts = 8641)
2591
603
1409
924
2769
345
counts
320
240
160
80
0
preceded by 5'
followed by 3'

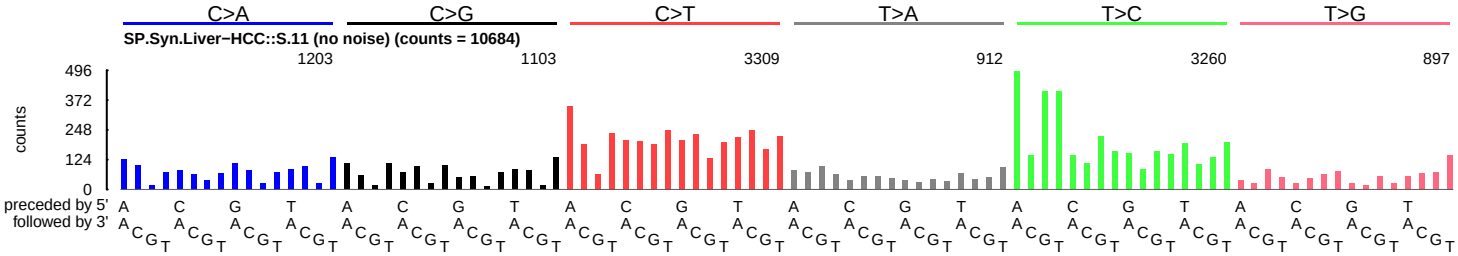

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Liver−HCC::S.6 (no noise) (counts = 15848)
2183
1584
3952
1425
5346
1358
counts
908
681
454
227
0
preceded by 5'
followed by 3'

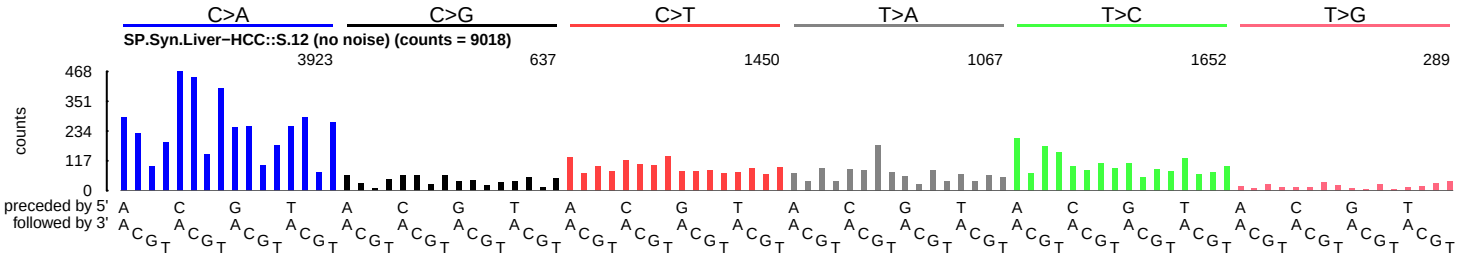

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Liver−HCC::S.7 (no noise) (counts = 12992)
2144
842
2593
844
5913
656
counts
648
486
324
162
0
preceded by 5'
followed by 3'

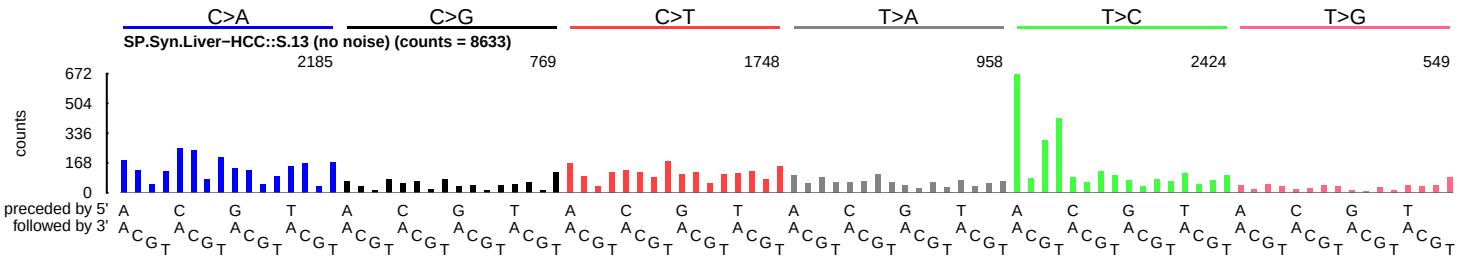

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Liver−HCC::S.8 (no noise) (counts = 7517)
1269
551
1511
649
3132
405
counts
360
270
180
90
0
preceded by 5'
followed by 3'

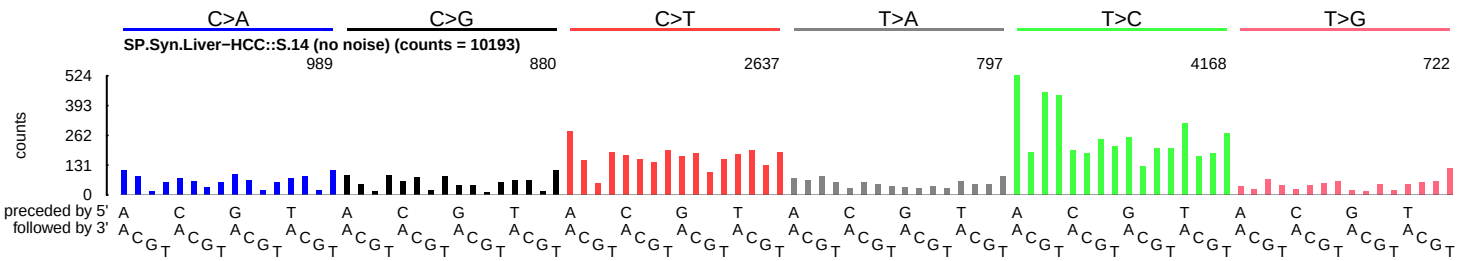

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Liver−HCC::S.9 (no noise) (counts = 16210)
1388
1200
3595
1181
7856
990
counts
896
672
448
224
0
preceded by 5'
followed by 3'

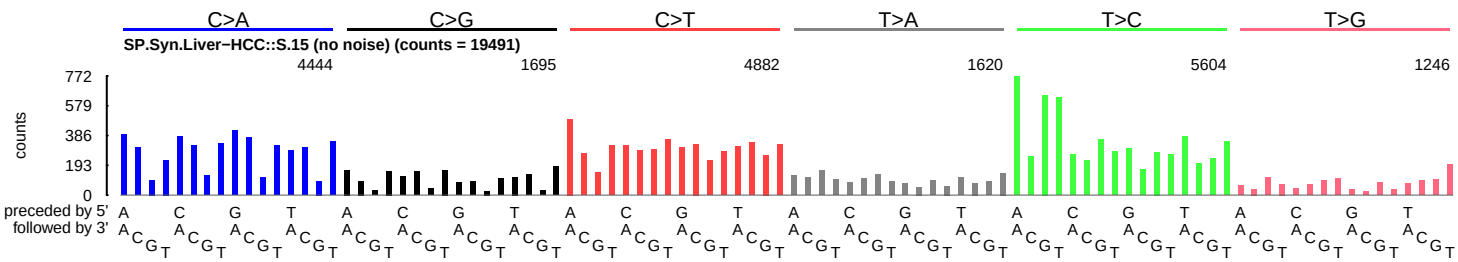

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Liver−HCC::S.10 (no noise) (counts = 18392)
3173
1799
4471
1531
5862
1556
counts
720
540
360
180
0
preceded by 5'
followed by 3'

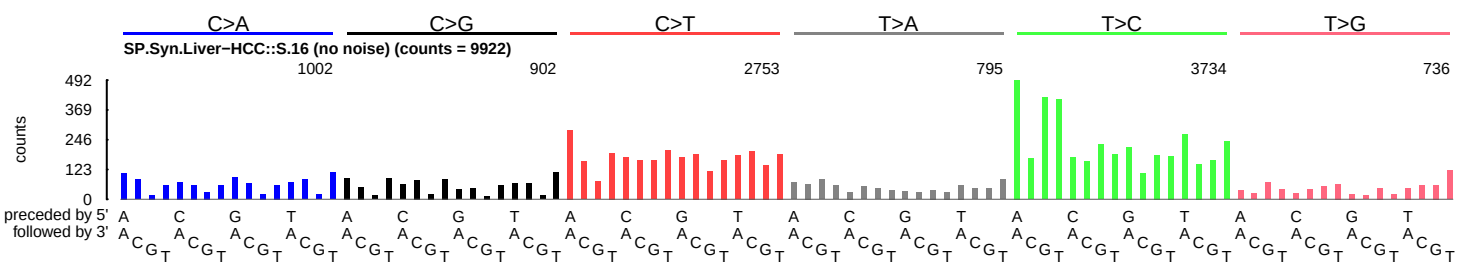

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Liver−HCC::S.11 (no noise) (counts = 10684)
1203
1103
3309
912
3260
897
counts
496
372
248
124
0
preceded by 5'
followed by 3'

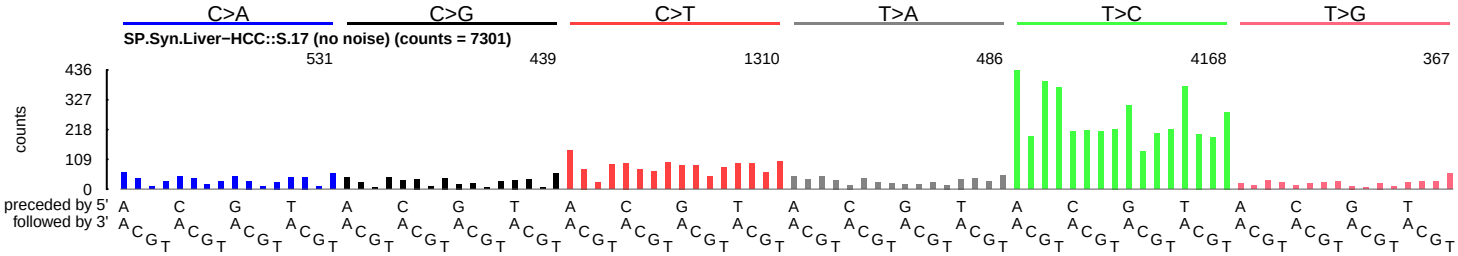

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Liver−HCC::S.12 (no noise) (counts = 9018)
3923
637
1450
1067
1652
289
counts
468
351
234
117
0
preceded by 5'
followed by 3'

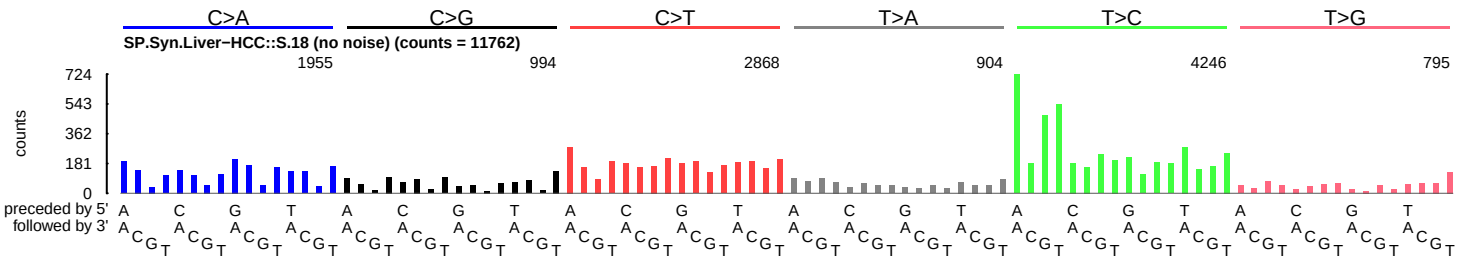

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Liver−HCC::S.13 (no noise) (counts = 8633)
2185
769
1748
958
2424
549
counts
672
504
336
168
0
preceded by 5'
followed by 3'

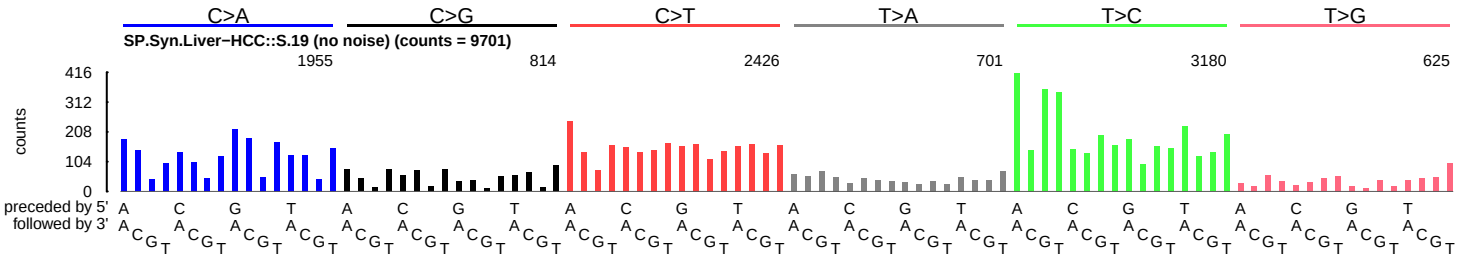

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Liver−HCC::S.14 (no noise) (counts = 10193)
989
880
2637
797
4168
722
counts
524
393
262
131
0
preceded by 5'
followed by 3'

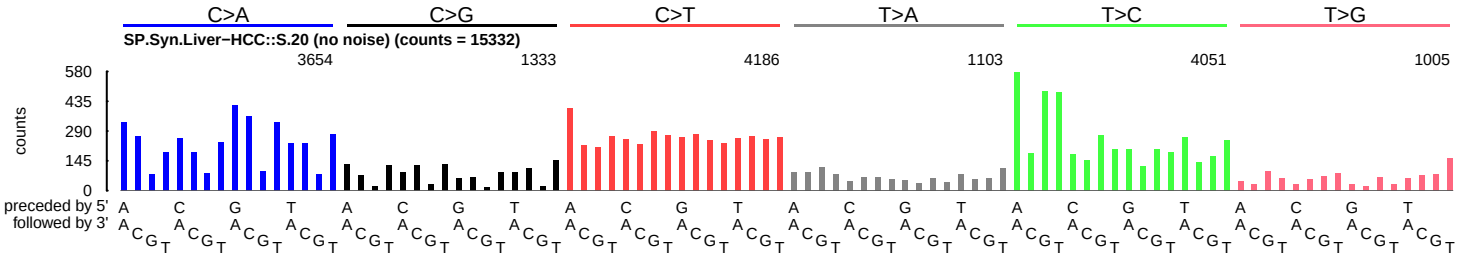

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Liver−HCC::S.15 (no noise) (counts = 19491)
4444
1695
4882
1620
5604
1246
counts
772
579
386
193
0
preceded by 5'
followed by 3'

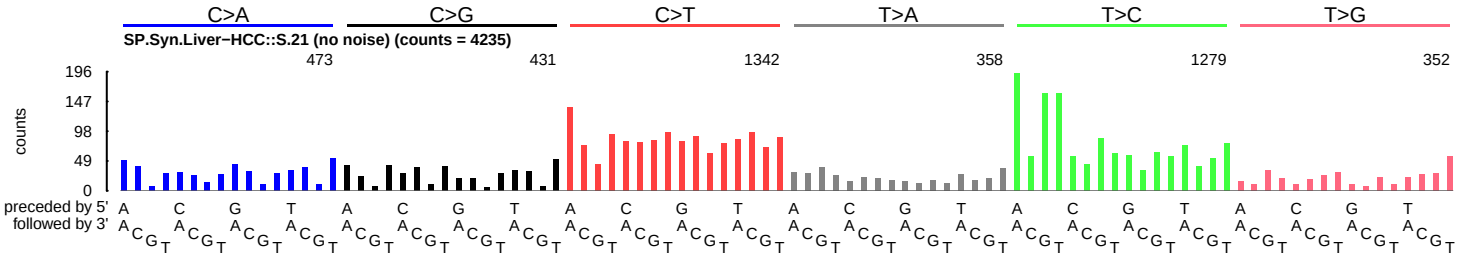

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Liver−HCC::S.16 (no noise) (counts = 9922)
1002
902
2753
795
3734
736
counts
492
369
246
123
0
preceded by 5'
followed by 3'

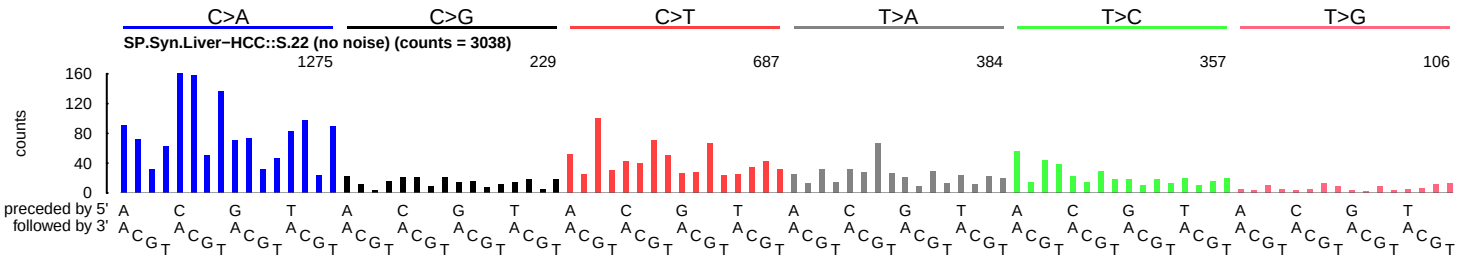

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Liver−HCC::S.17 (no noise) (counts = 7301)
531
439
1310
486
4168
367
counts
436
327
218
109
0
preceded by 5'
followed by 3'

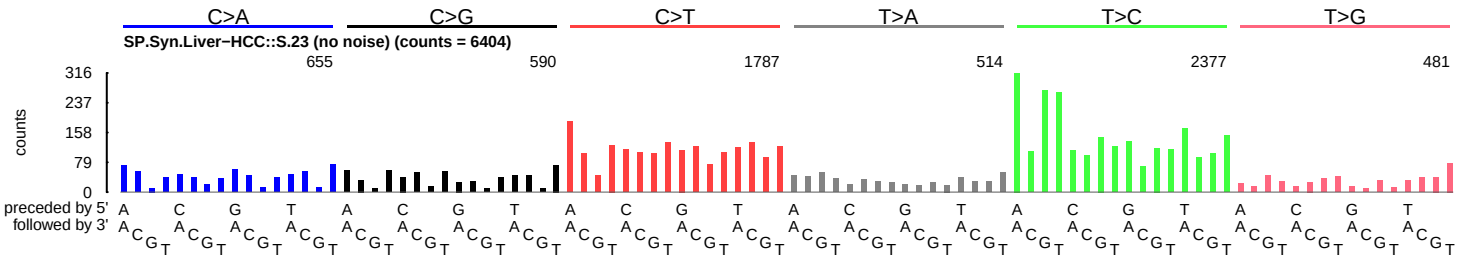

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Liver−HCC::S.18 (no noise) (counts = 11762)
1955
994
2868
904
4246
795
counts
724
543
362
181
0
preceded by 5'
followed by 3'

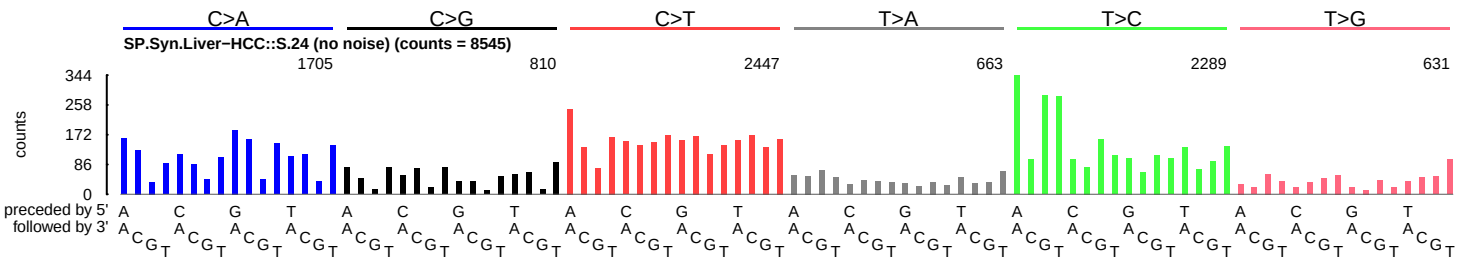

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Liver−HCC::S.19 (no noise) (counts = 9701)
1955
814
2426
701
3180
625
counts
416
312
208
104
0
preceded by 5'
followed by 3'

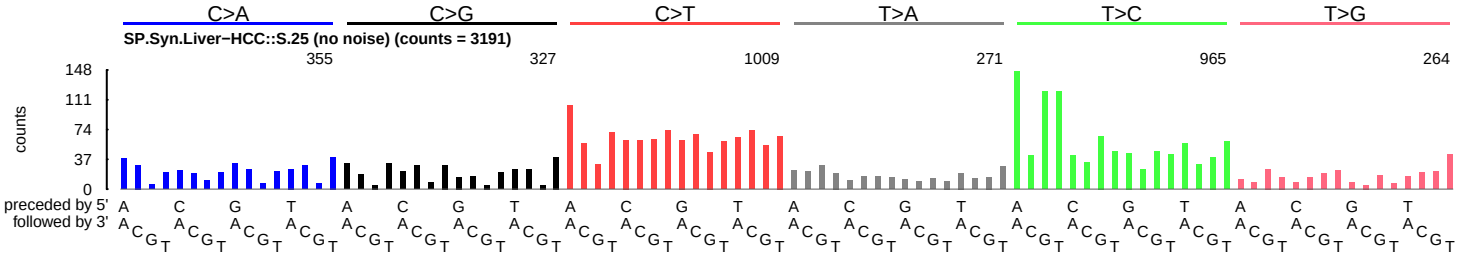

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Liver−HCC::S.20 (no noise) (counts = 15332)
3654
1333
4186
1103
4051
1005
counts
580
435
290
145
0
preceded by 5'
followed by 3'

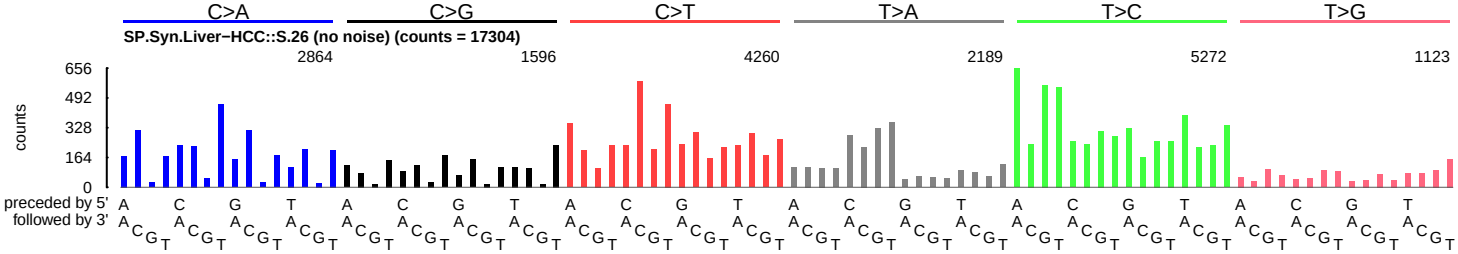

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Liver−HCC::S.21 (no noise) (counts = 4235)
473
431
1342
358
1279
352
counts
196
147
98
49
0
preceded by 5'
followed by 3'

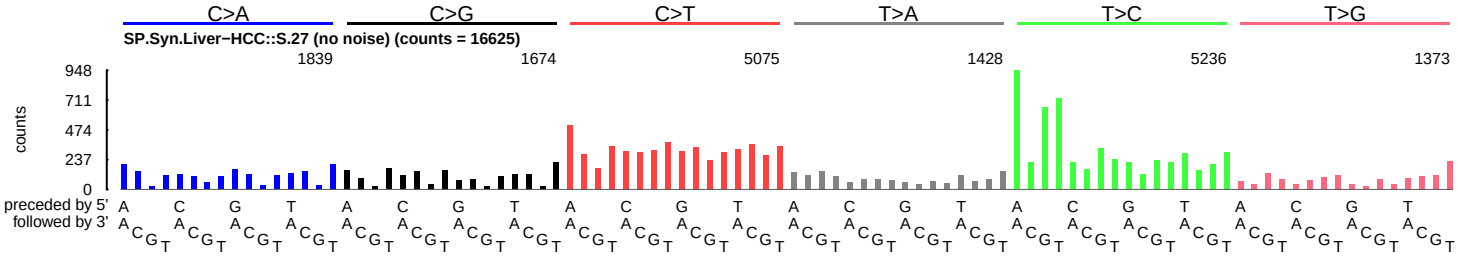

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Liver−HCC::S.22 (no noise) (counts = 3038)
1275
229
687
384
357
106
counts
160
120
80
40
0
preceded by 5'
followed by 3'

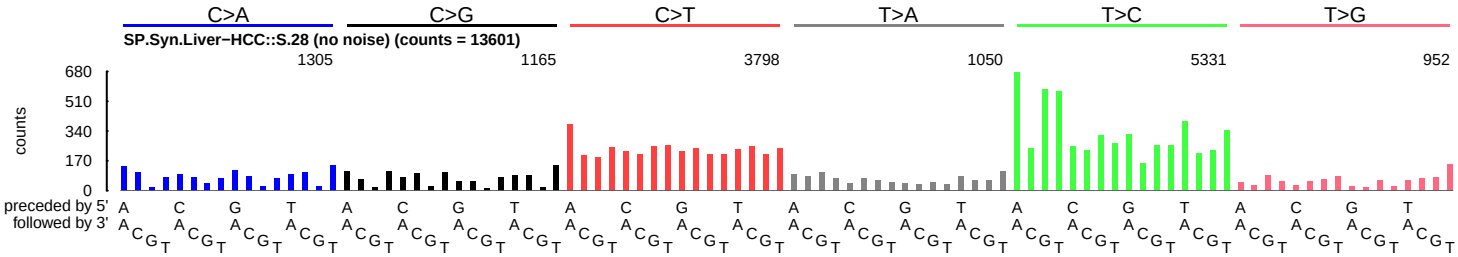

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Liver−HCC::S.23 (no noise) (counts = 6404)
655
590
1787
514
2377
481
counts
316
237
158
79
0
preceded by 5'
followed by 3'

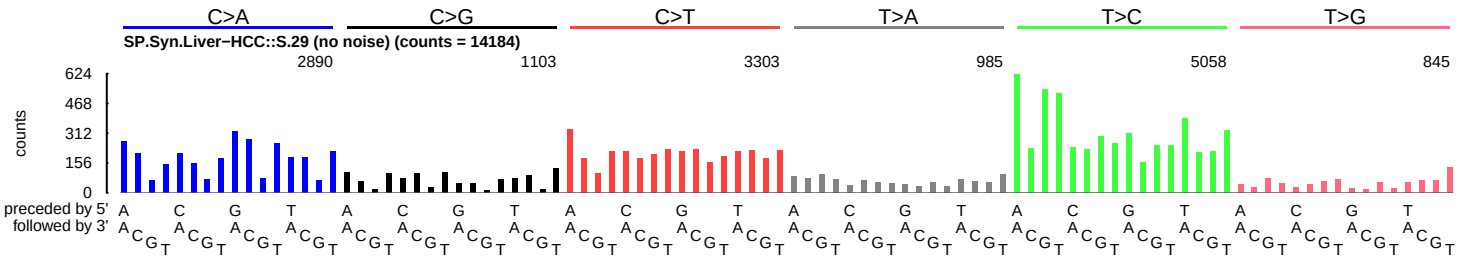

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Liver−HCC::S.24 (no noise) (counts = 8545)
1705
810
2447
663
2289
631
counts
344
258
172
86
0
preceded by 5'
followed by 3'

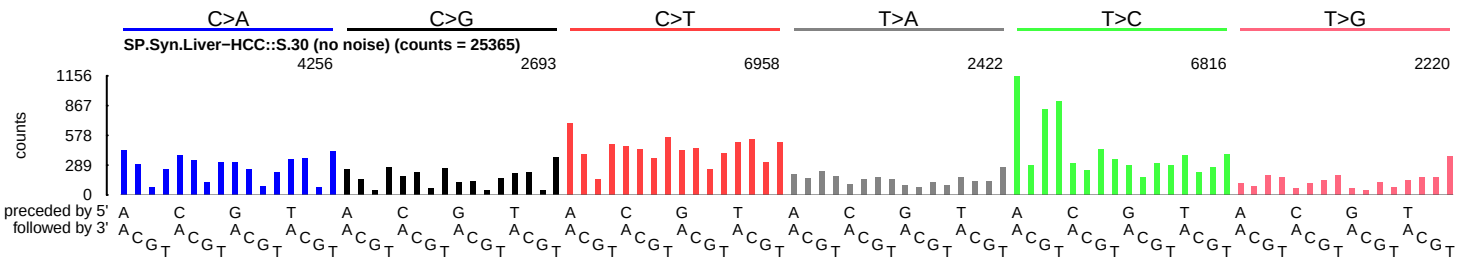

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Liver−HCC::S.25 (no noise) (counts = 3191)
355
327
1009
271
965
264
counts
148
111
74
37
0
preceded by 5'
followed by 3'

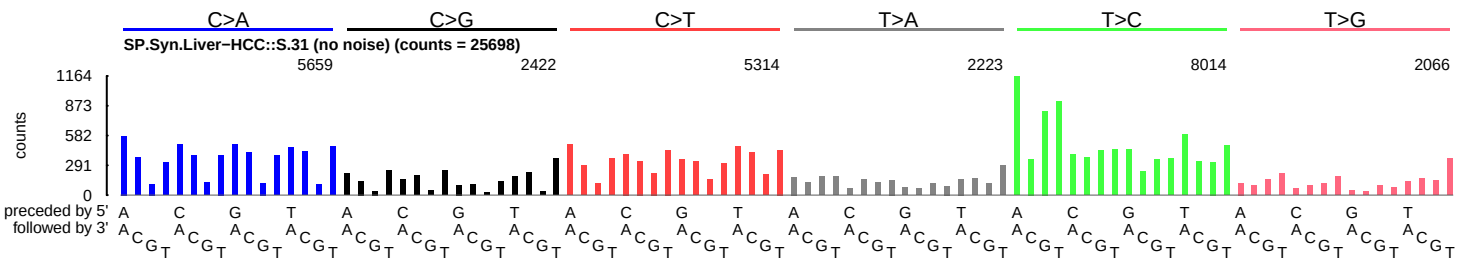

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Liver−HCC::S.26 (no noise) (counts = 17304)
2864
1596
4260
2189
5272
1123
counts
656
492
328
164
0
preceded by 5'
followed by 3'

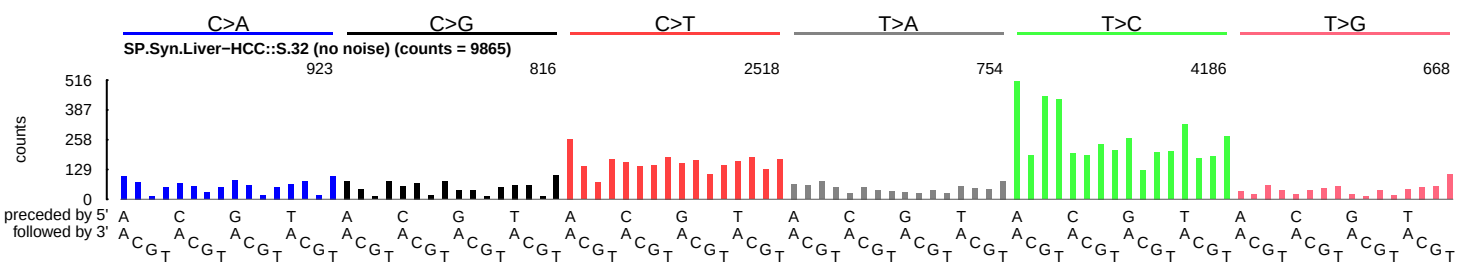

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Liver−HCC::S.27 (no noise) (counts = 16625)
1839
1674
5075
1428
5236
1373
counts
948
711
474
237
0
preceded by 5'
followed by 3'

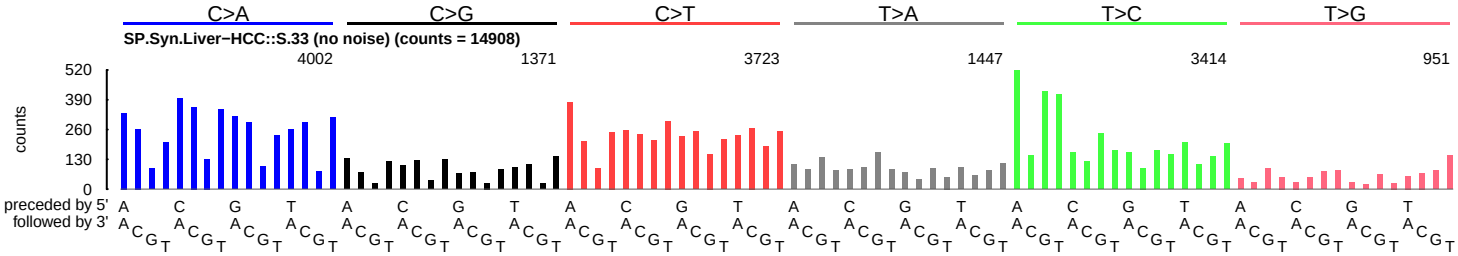

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Liver−HCC::S.28 (no noise) (counts = 13601)
1305
1165
3798
1050
5331
952
counts
680
510
340
170
0
preceded by 5'
followed by 3'

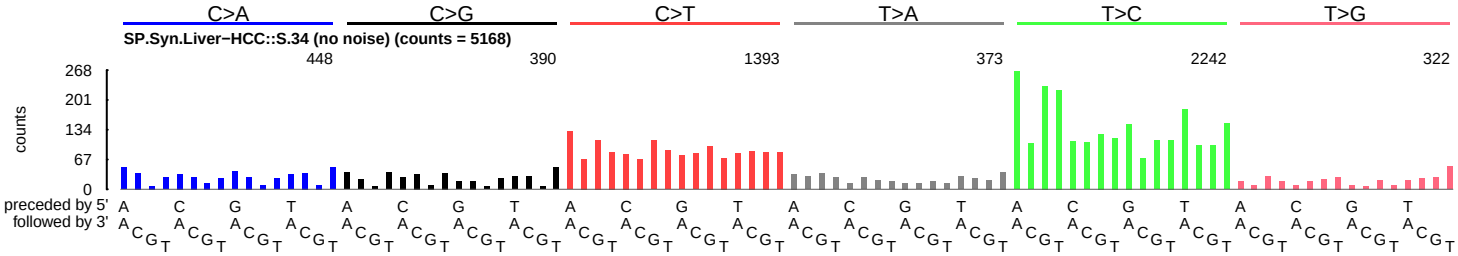

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Liver−HCC::S.29 (no noise) (counts = 14184)
2890
1103
3303
985
5058
845
counts
624
468
312
156
0
preceded by 5'
followed by 3'

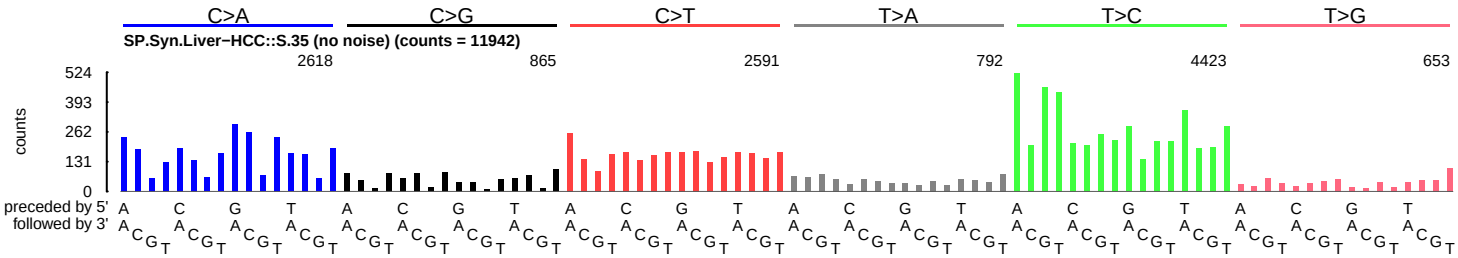

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Liver−HCC::S.30 (no noise) (counts = 25365)
4256
2693
6958
2422
6816
2220
counts
1156
867
578
289
0
preceded by 5'
followed by 3'

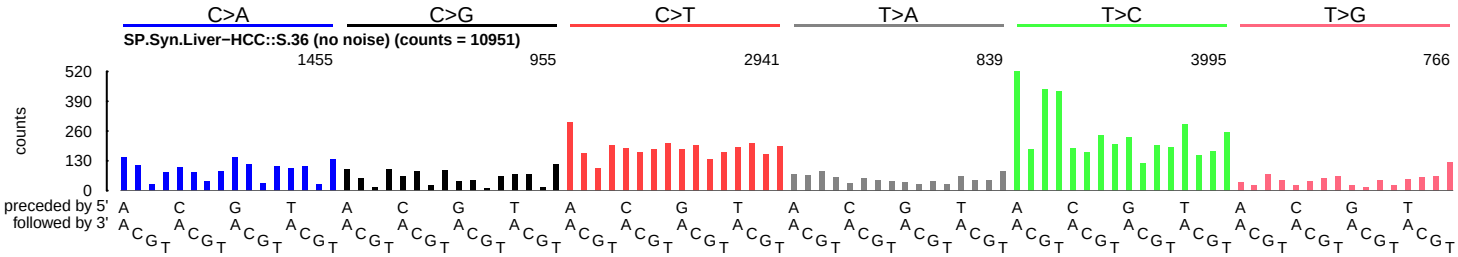

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Liver−HCC::S.31 (no noise) (counts = 25698)
5659
2422
5314
2223
8014
2066
counts
1164
873
582
291
0
preceded by 5'
followed by 3'

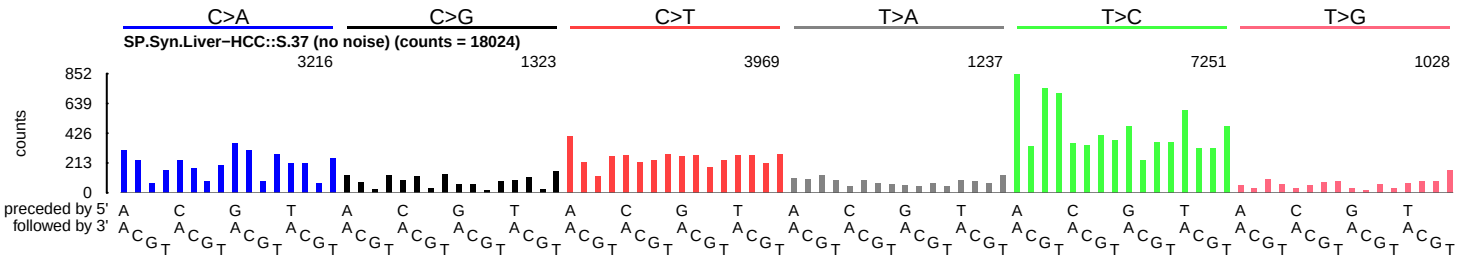

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Liver−HCC::S.32 (no noise) (counts = 9865)
923
816
2518
754
4186
668
counts
516
387
258
129
0
preceded by 5'
followed by 3'

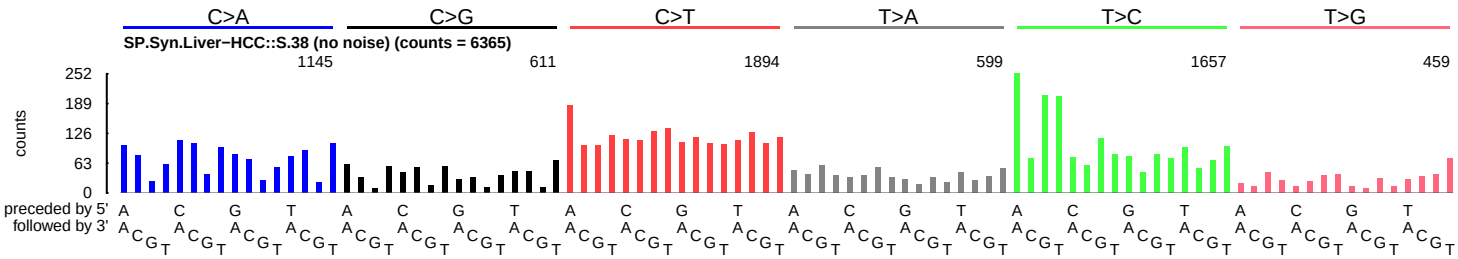

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Liver−HCC::S.33 (no noise) (counts = 14908)
4002
1371
3723
1447
3414
951
counts
520
390
260
130
0
preceded by 5'
followed by 3'

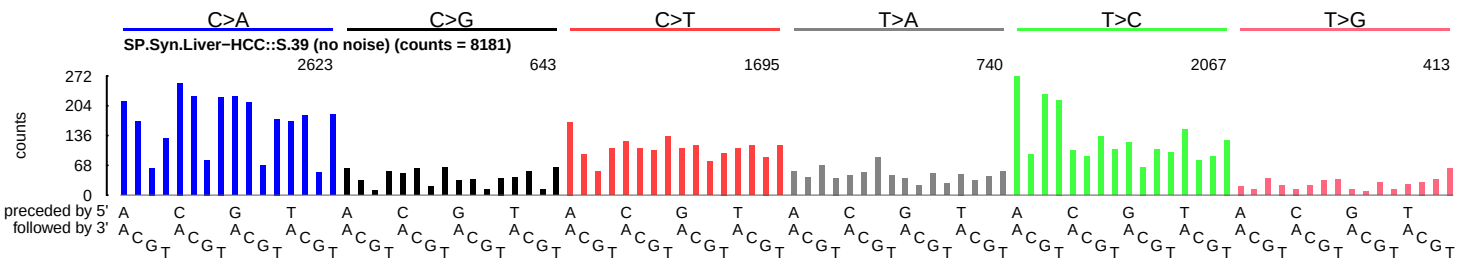

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Liver−HCC::S.34 (no noise) (counts = 5168)
448
390
1393
373
2242
322
counts
268
201
134
67
0
preceded by 5'
followed by 3'

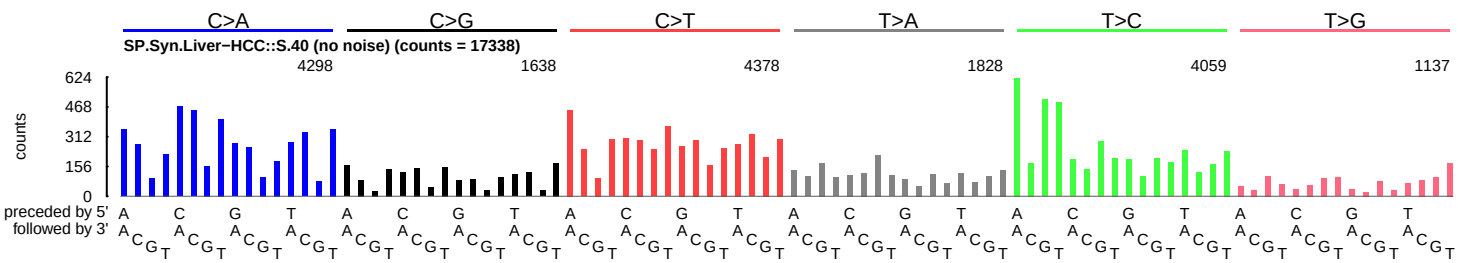

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Liver−HCC::S.35 (no noise) (counts = 11942)
2618
865
2591
792
4423
653
counts
524
393
262
131
0
preceded by 5'
followed by 3'

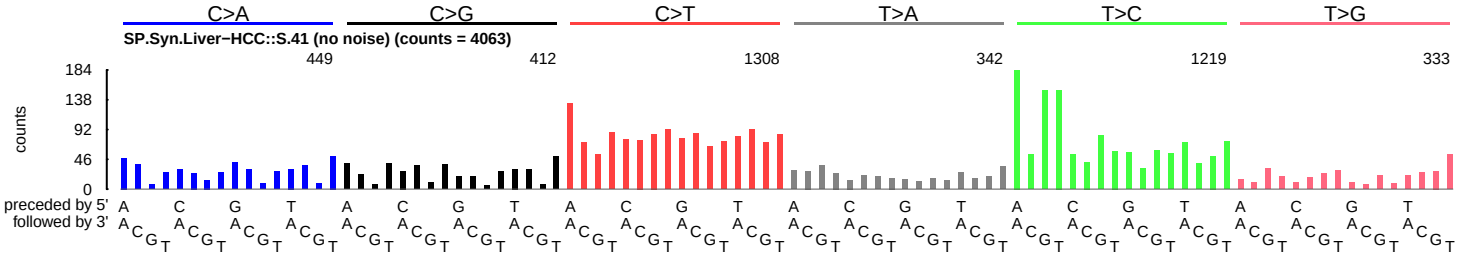

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Liver−HCC::S.36 (no noise) (counts = 10951)
1455
955
2941
839
3995
766
counts
520
390
260
130
0
preceded by 5'
followed by 3'

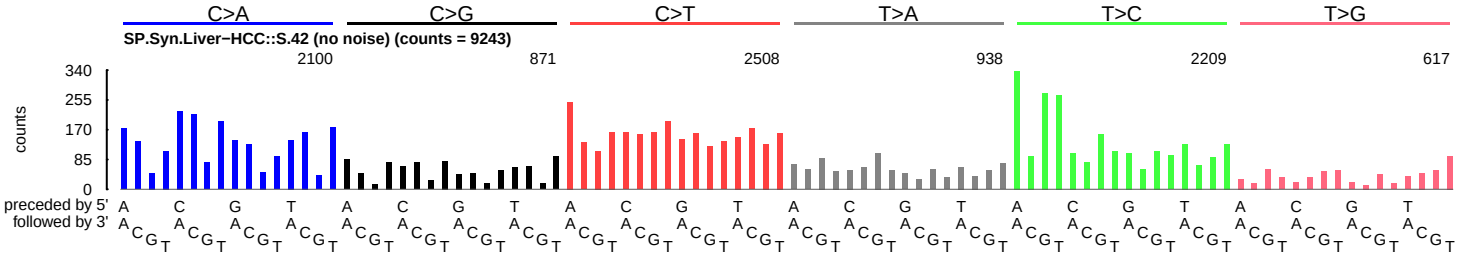

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Liver−HCC::S.37 (no noise) (counts = 18024)
3216
1323
3969
1237
7251
1028
counts
852
639
426
213
0
preceded by 5'
followed by 3'

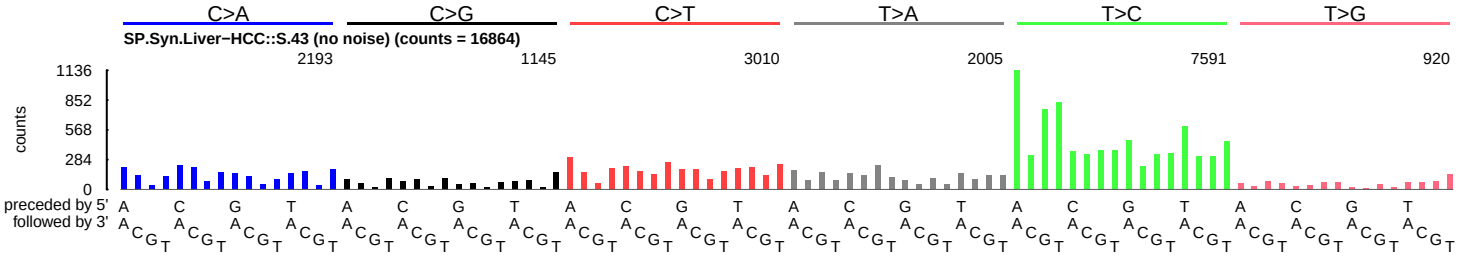

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Liver−HCC::S.38 (no noise) (counts = 6365)
1145
611
1894
599
1657
459
counts
252
189
126
63
0
preceded by 5'
followed by 3'

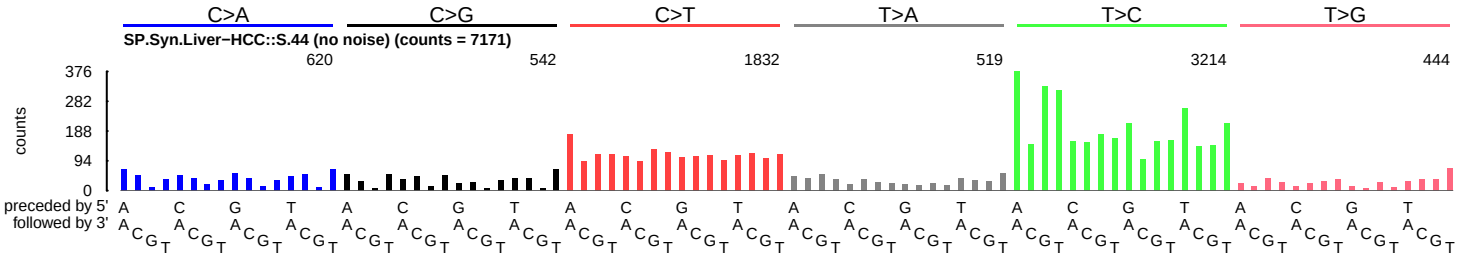

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Liver−HCC::S.39 (no noise) (counts = 8181)
2623
643
1695
740
2067
413
counts
272
204
136
68
0
preceded by 5'
followed by 3'

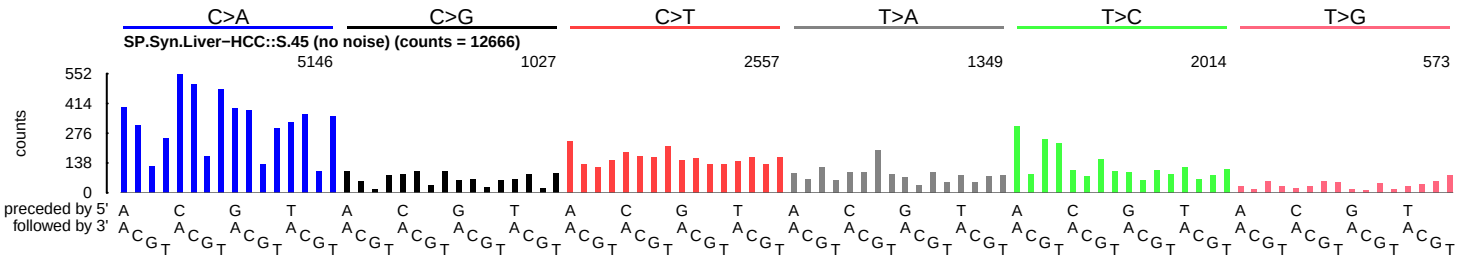

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Liver−HCC::S.40 (no noise) (counts = 17338)
4298
1638
4378
1828
4059
1137
counts
624
468
312
156
0
preceded by 5'
followed by 3'

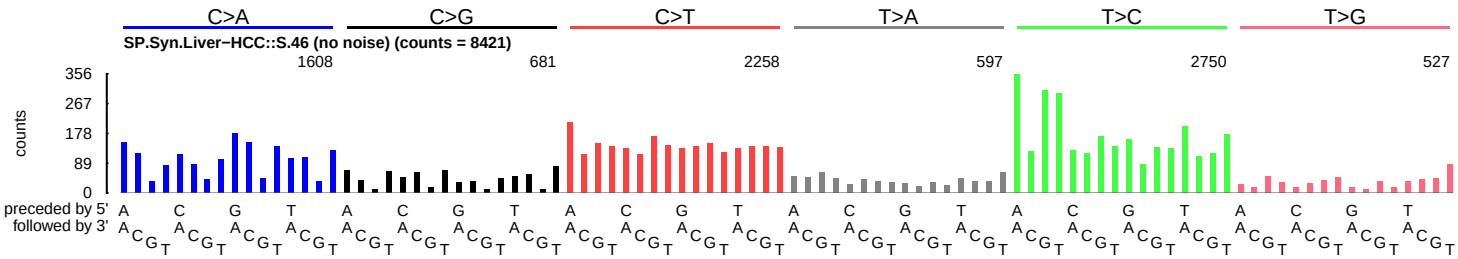

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Liver−HCC::S.41 (no noise) (counts = 4063)
449
412
1308
342
1219
333
counts
184
138
92
46
0
preceded by 5'
followed by 3'

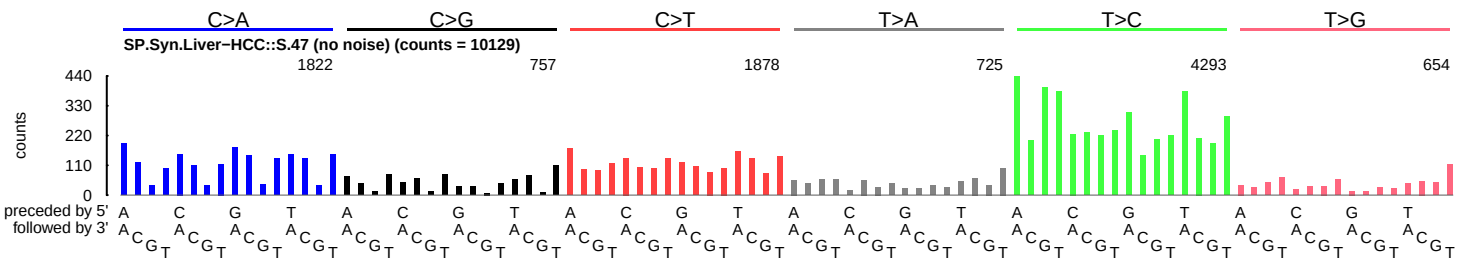

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Liver−HCC::S.42 (no noise) (counts = 9243)
2100
871
2508
938
2209
617
counts
340
255
170
85
0
preceded by 5'
followed by 3'

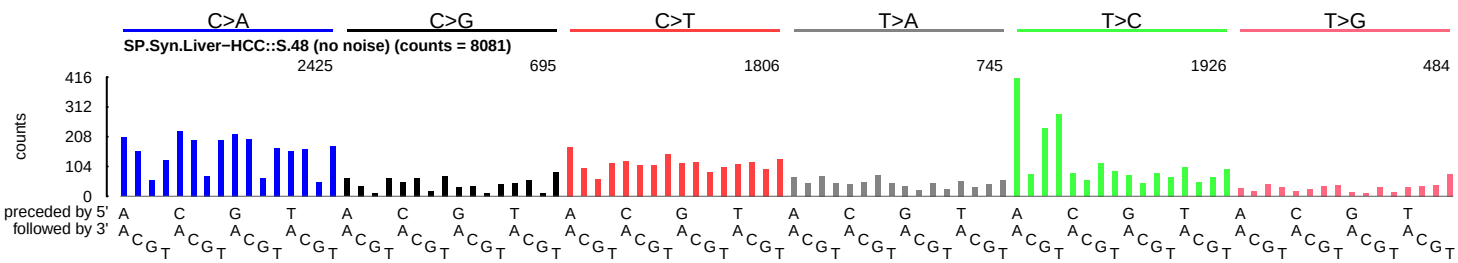

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Liver−HCC::S.43 (no noise) (counts = 16864)
2193
1145
3010
2005
7591
920
counts
1136
852
568
284
0
preceded by 5'
followed by 3'

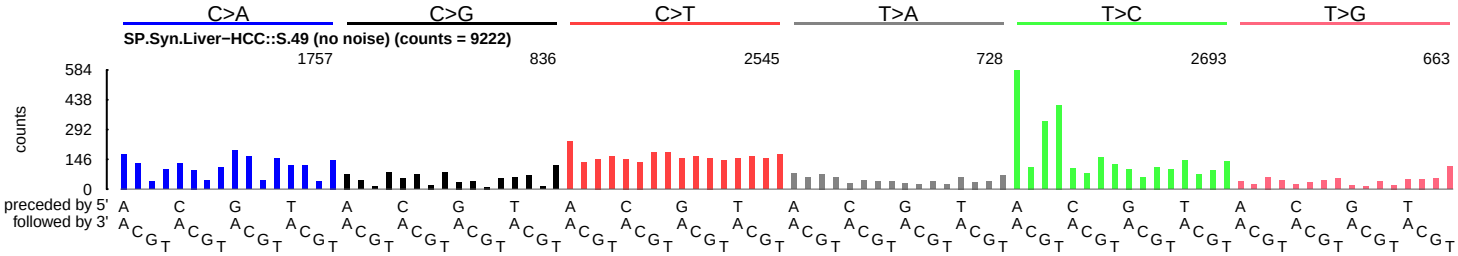

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Liver−HCC::S.44 (no noise) (counts = 7171)
620
542
1832
519
3214
444
counts
376
282
188
94
0
preceded by 5'
followed by 3'

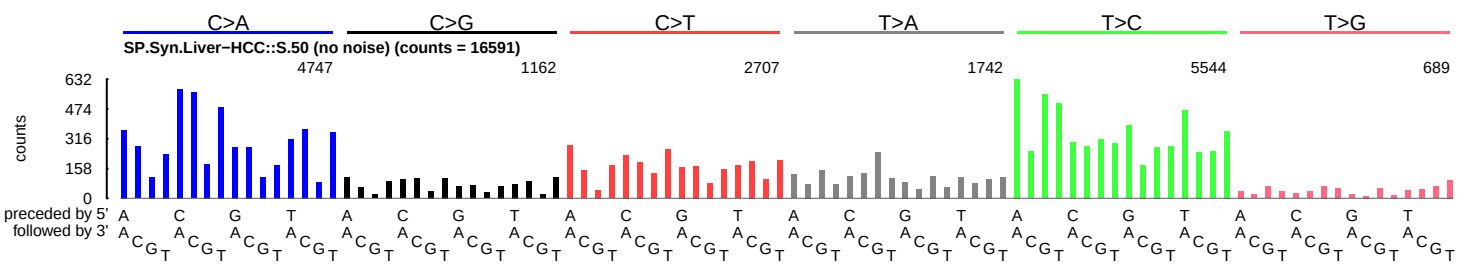

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Liver−HCC::S.45 (no noise) (counts = 12666)
5146
1027
2557
1349
2014
573
counts
552
414
276
138
0
preceded by 5'
followed by 3'

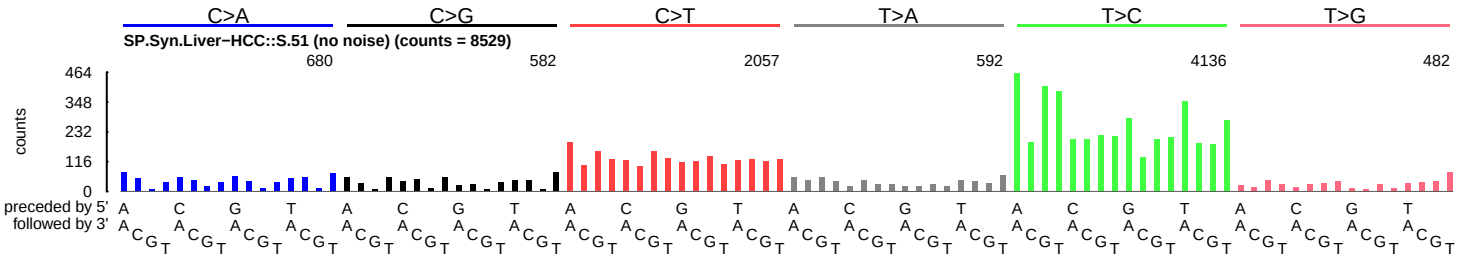

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Liver−HCC::S.46 (no noise) (counts = 8421)
1608
681
2258
597
2750
527
counts
356
267
178
89
0
preceded by 5'
followed by 3'

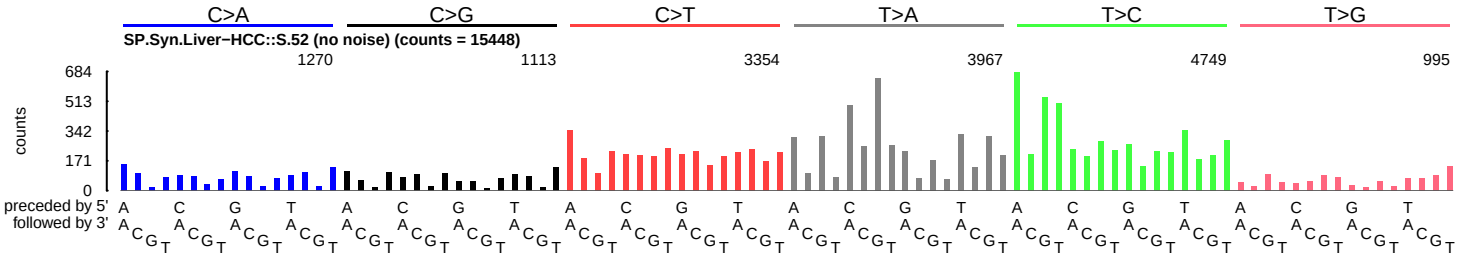

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Liver−HCC::S.47 (no noise) (counts = 10129)
1822
757
1878
725
4293
654
counts
440
330
220
110
0
preceded by 5'
followed by 3'

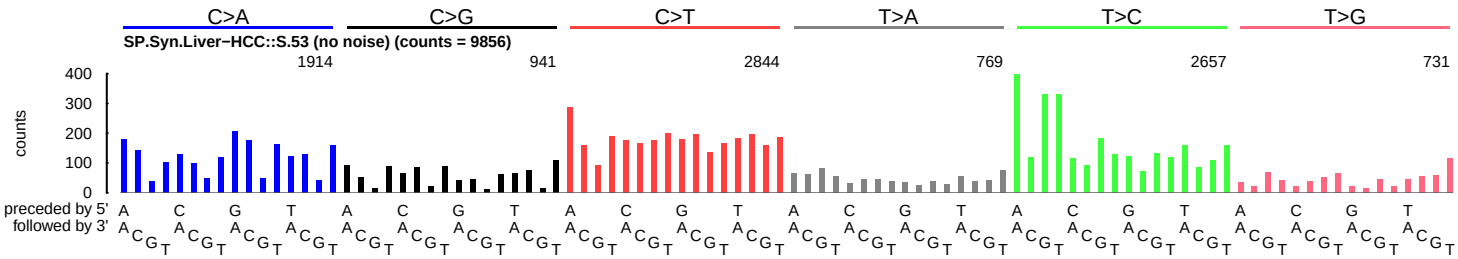

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Liver−HCC::S.48 (no noise) (counts = 8081)
2425
695
1806
745
1926
484
counts
416
312
208
104
0
preceded by 5'
followed by 3'

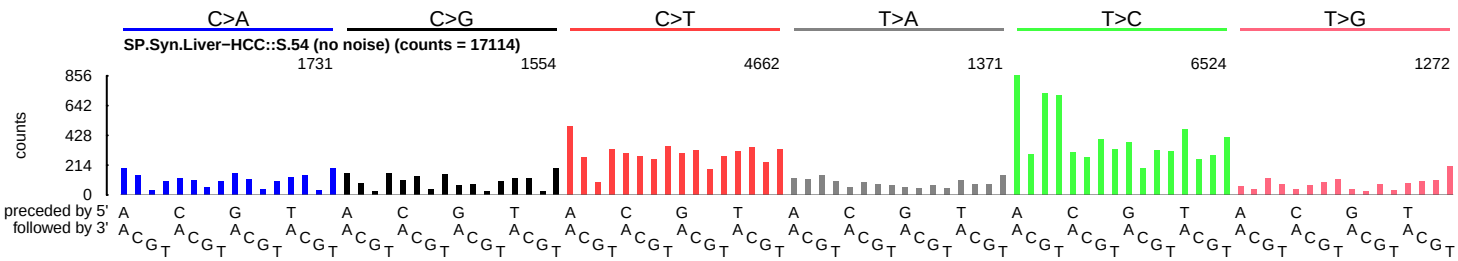

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Liver−HCC::S.49 (no noise) (counts = 9222)
1757
836
2545
728
2693
663
584
438
292
146
0
counts
preceded by 5'
followed by 3'

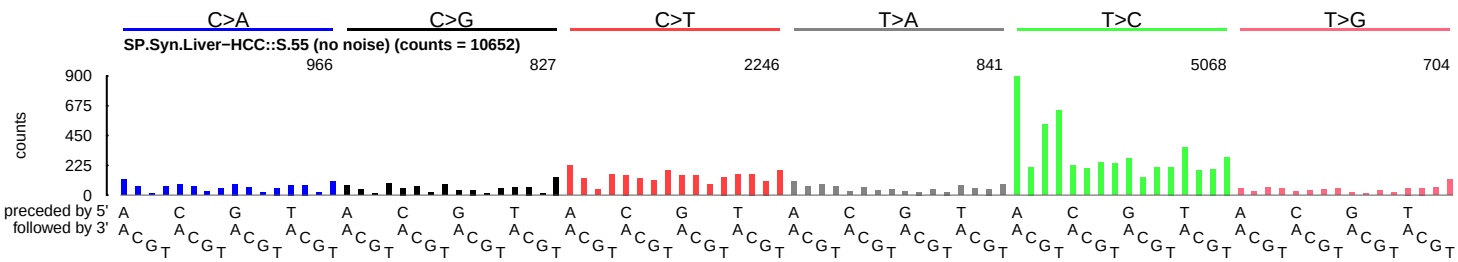

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Liver−HCC::S.50 (no noise) (counts = 16591)
4747
1162
2707
1742
5544
689
632
474
316
158
0
counts
preceded by 5'
followed by 3'

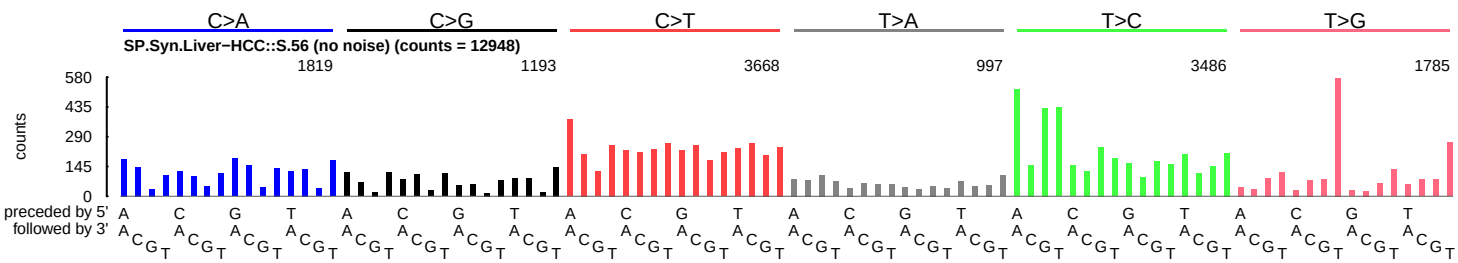

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Liver−HCC::S.51 (no noise) (counts = 8529)
680
582
2057
592
4136
482
464
348
232
116
0
counts
preceded by 5'
followed by 3'

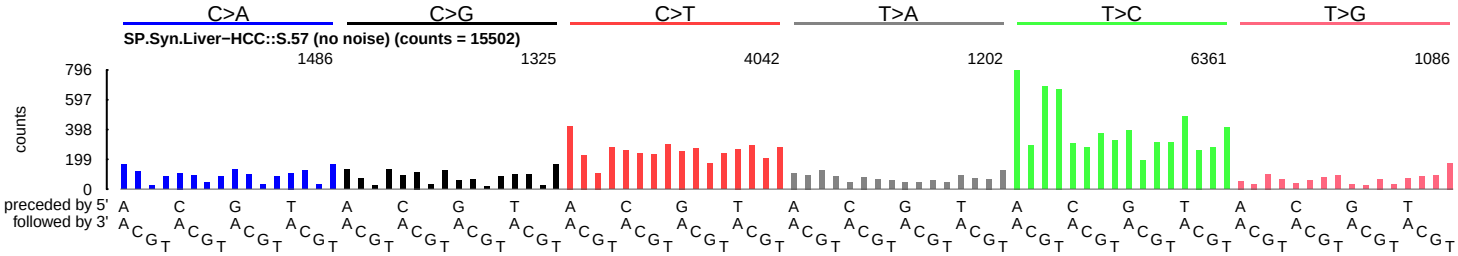

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Liver−HCC::S.52 (no noise) (counts = 15448)
1270
1113
3354
3967
4749
995
684
513
342
171
0
counts
preceded by 5'
followed by 3'

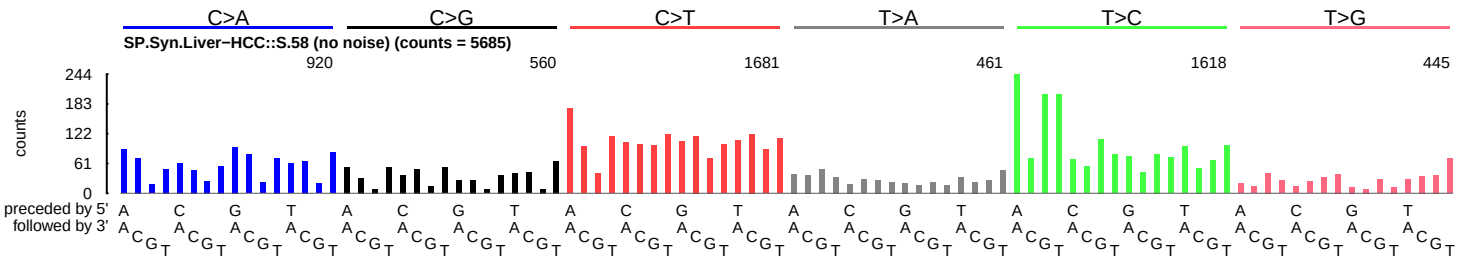

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Liver−HCC::S.53 (no noise) (counts = 9856)
1914
941
2844
769
2657
731
400
300
200
100
0
counts
preceded by 5'
followed by 3'

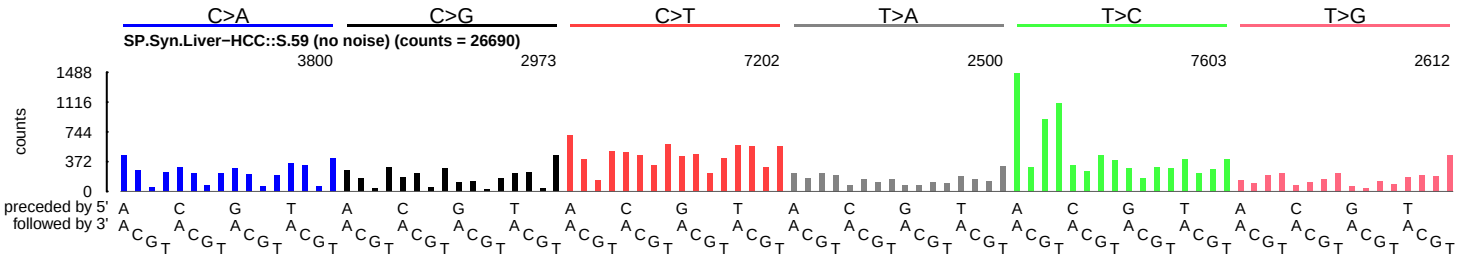

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Liver−HCC::S.54 (no noise) (counts = 17114)
1731
1554
4662
1371
6524
1272
856
642
428
214
0
counts
preceded by 5'
followed by 3'

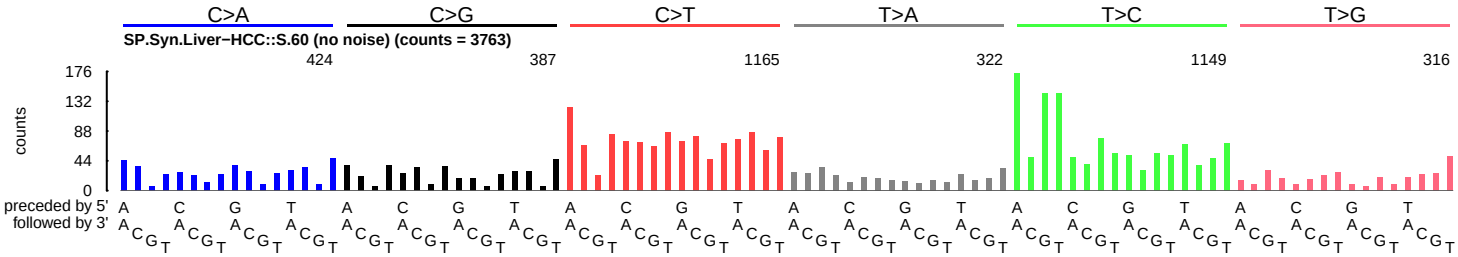

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Liver−HCC::S.55 (no noise) (counts = 10652)
966
827
2246
841
5068
704
900
675
450
225
0
counts
preceded by 5'
followed by 3'

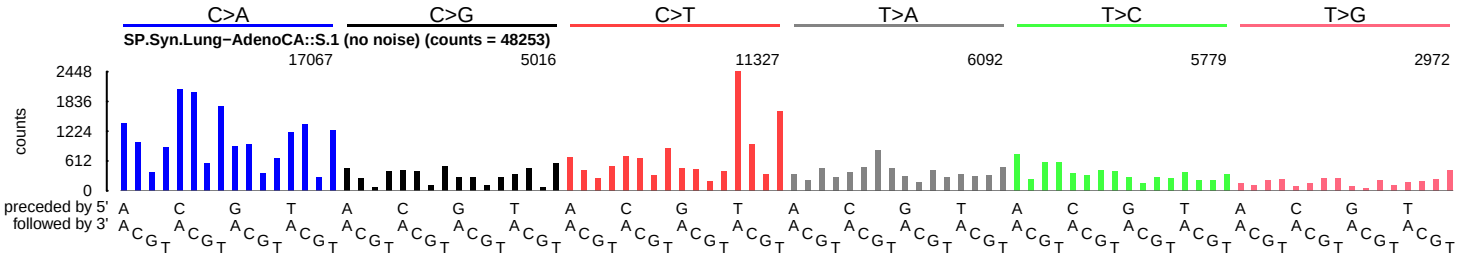

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Liver−HCC::S.56 (no noise) (counts = 12948)
1819
1193
3668
997
3486
1785
580
435
290
145
0
counts
preceded by 5'
followed by 3'

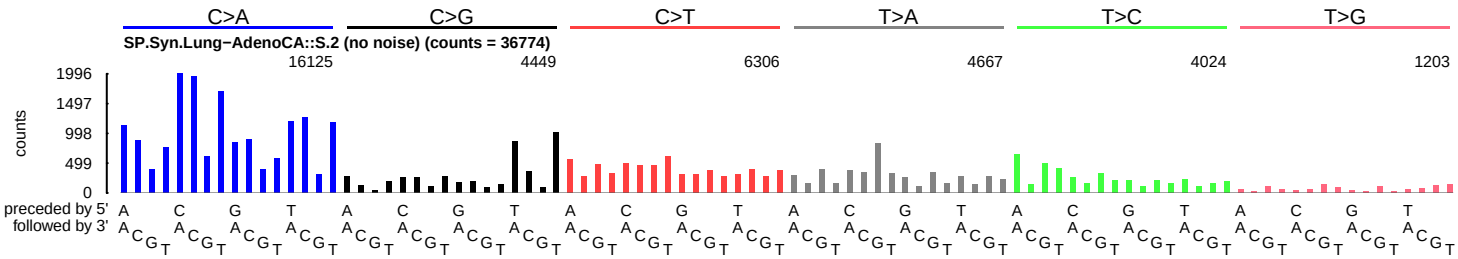

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Liver−HCC::S.57 (no noise) (counts = 15502)
1486
1325
4042
1202
6361
1086
counts
796
597
398
199
0
preceded by 5'
followed by 3'

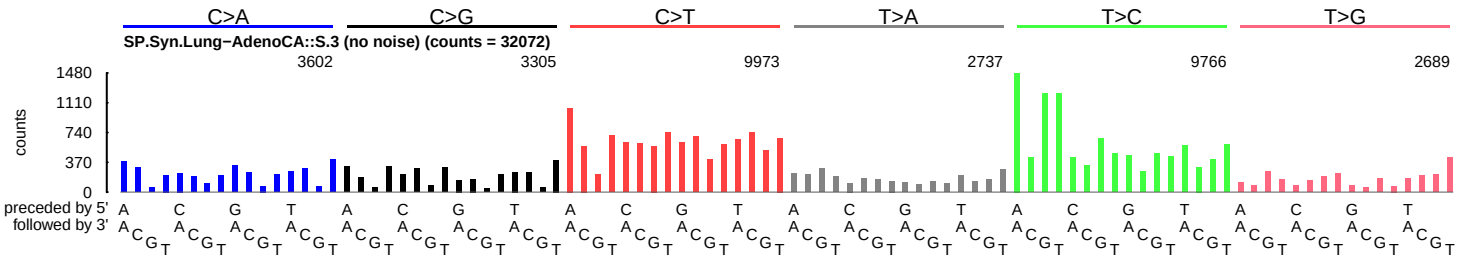

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Liver−HCC::S.58 (no noise) (counts = 5685)
920
560
1681
461
1618
445
counts
244
183
122
61
0
preceded by 5'
followed by 3'

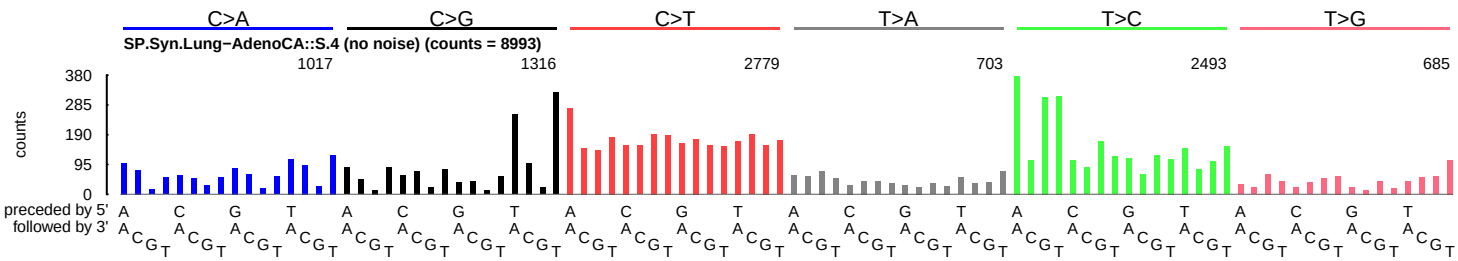

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Liver−HCC::S.59 (no noise) (counts = 26690)
3800
2973
7202
2500
7603
2612
counts
1488
1116
744
372
0
preceded by 5'
followed by 3'

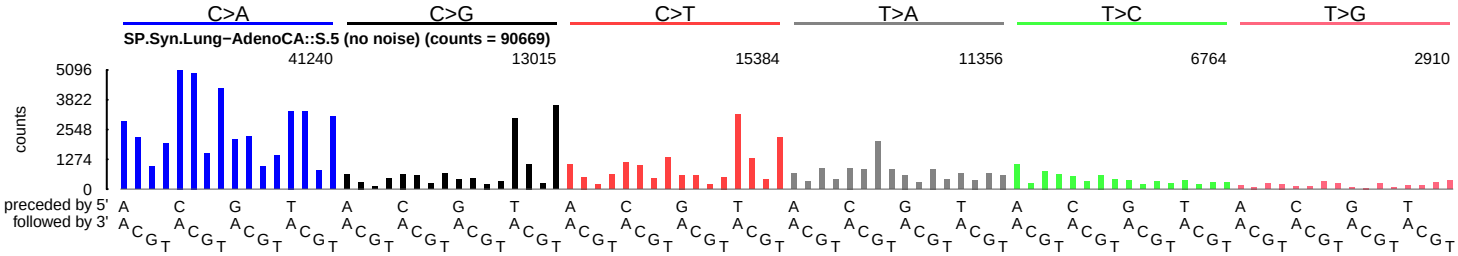

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Liver−HCC::S.60 (no noise) (counts = 3763)
424
387
1165
322
1149
316
counts
176
132
88
44
0
preceded by 5'
followed by 3'

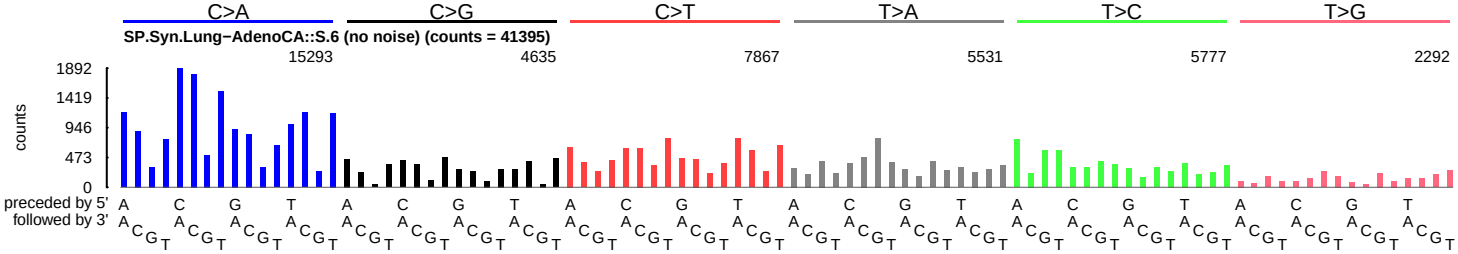

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Lung−AdenoCA::S.1 (no noise) (counts = 48253)
17067
5016
11327
6092
5779
2972
counts
2448
1836
1224
612
0
preceded by 5'
followed by 3'

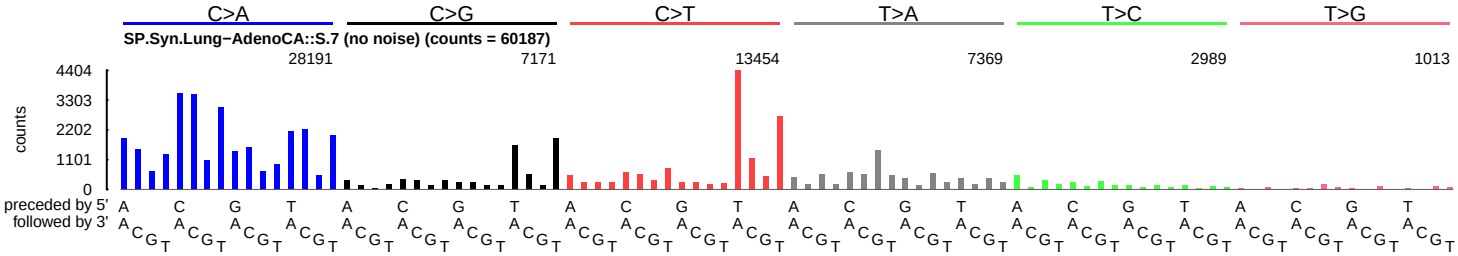

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Lung−AdenoCA::S.2 (no noise) (counts = 36774)
16125
4449
6306
4667
4024
1203
counts
1996
1497
998
499
0
preceded by 5'
followed by 3'

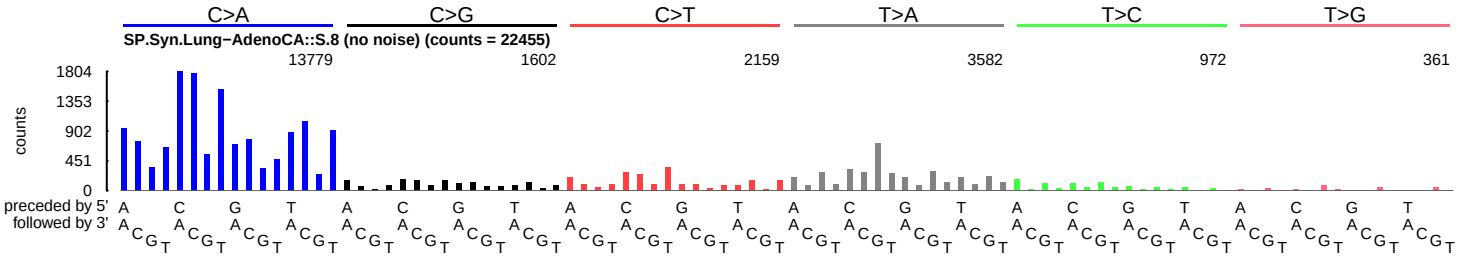

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Lung−AdenoCA::S.3 (no noise) (counts = 32072)
3602
3305
9973
2737
9766
2689
counts
1480
1110
740
370
0
preceded by 5'
followed by 3'

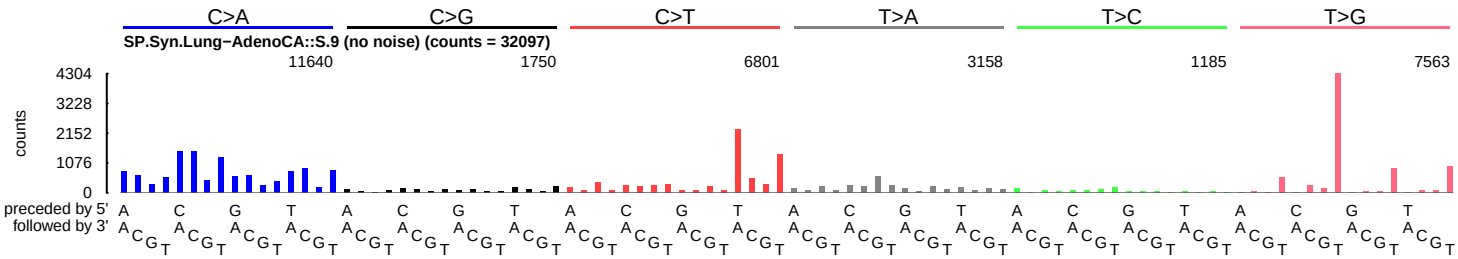

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Lung−AdenoCA::S.4 (no noise) (counts = 8993)
1017
1316
2779
703
2493
685
counts
380
285
190
95
0
preceded by 5'
followed by 3'

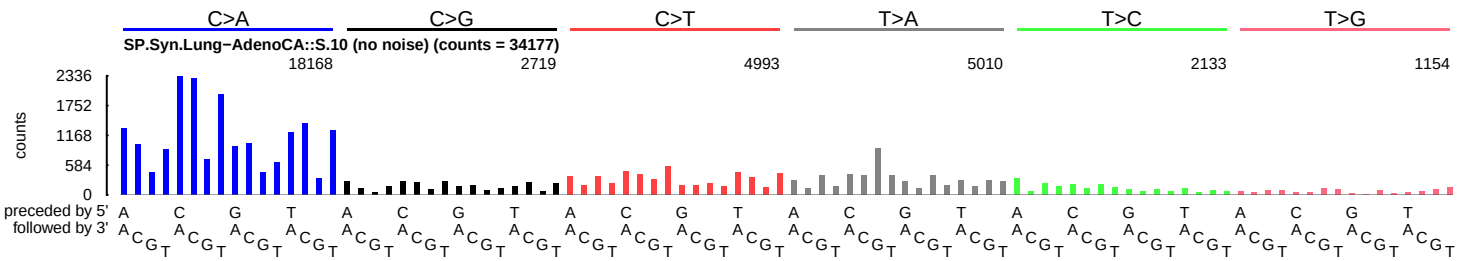

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Lung−AdenoCA::S.5 (no noise) (counts = 90669)
41240
13015
15384
11356
6764
2910
counts
5096
3822
2548
1274
0
preceded by 5'
followed by 3'

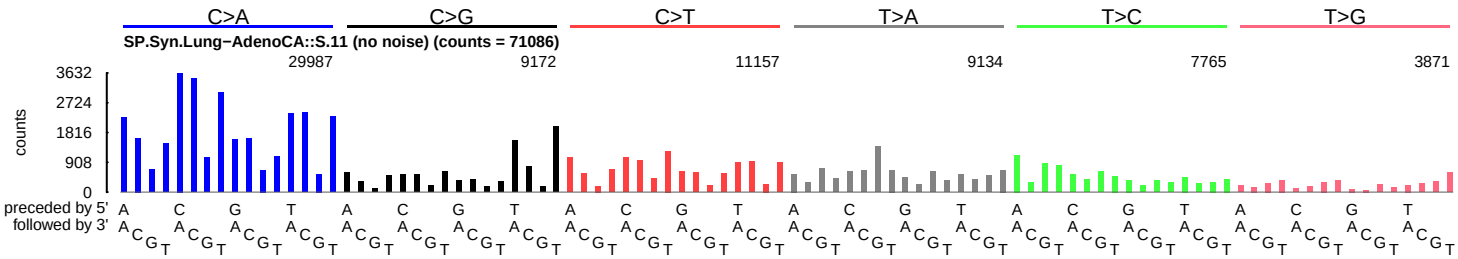

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Lung−AdenoCA::S.6 (no noise) (counts = 41395)
15293
4635
7867
5531
5777
2292
counts
1892
1419
946
473
0
preceded by 5'
followed by 3'

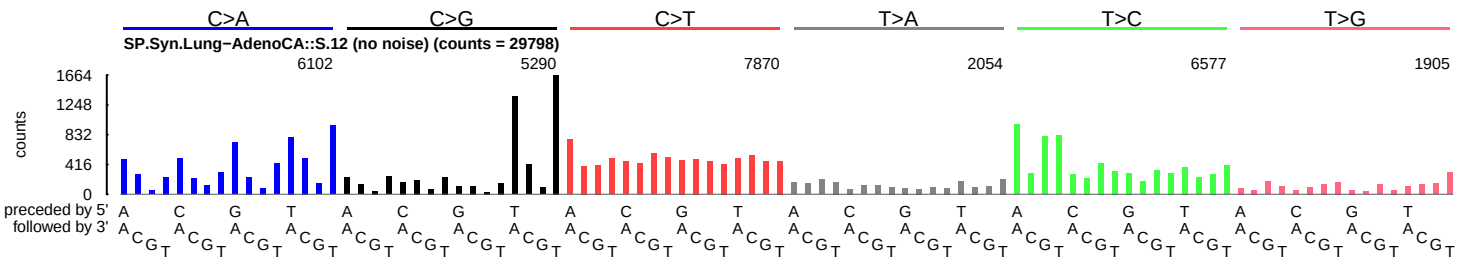

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Lung−AdenoCA::S.7 (no noise) (counts = 60187)
28191
7171
13454
7369
2989
1013
counts
4404
3303
2202
1101
0
preceded by 5'
followed by 3'

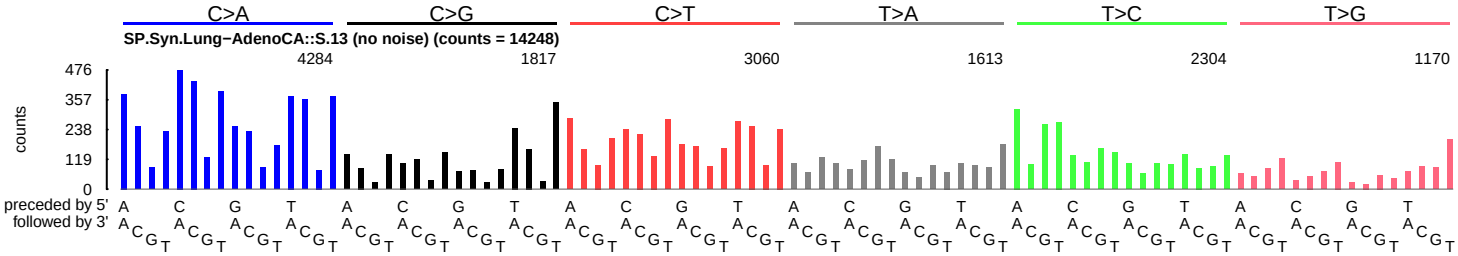

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Lung−AdenoCA::S.8 (no noise) (counts = 22455)
13779
1602
2159
3582
972
361
counts
1804
1353
902
451
0
preceded by 5'
followed by 3'

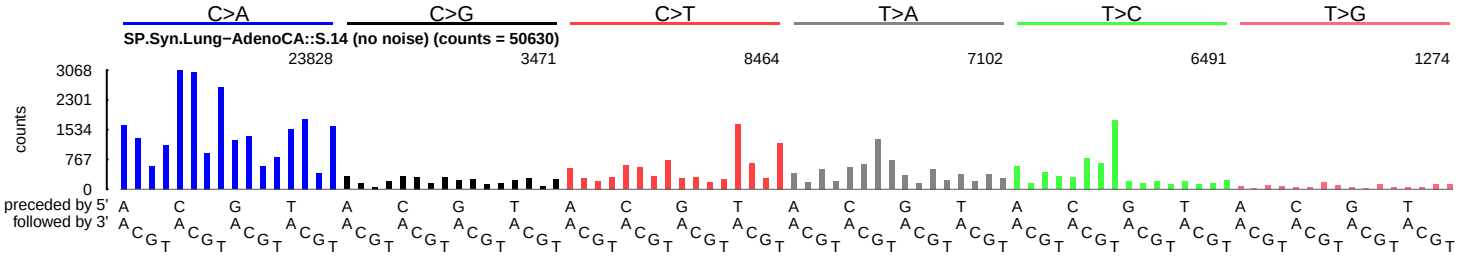

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Lung−AdenoCA::S.9 (no noise) (counts = 32097)
11640
1750
6801
3158
1185
7563
counts
4304
3228
2152
1076
0
preceded by 5'
followed by 3'

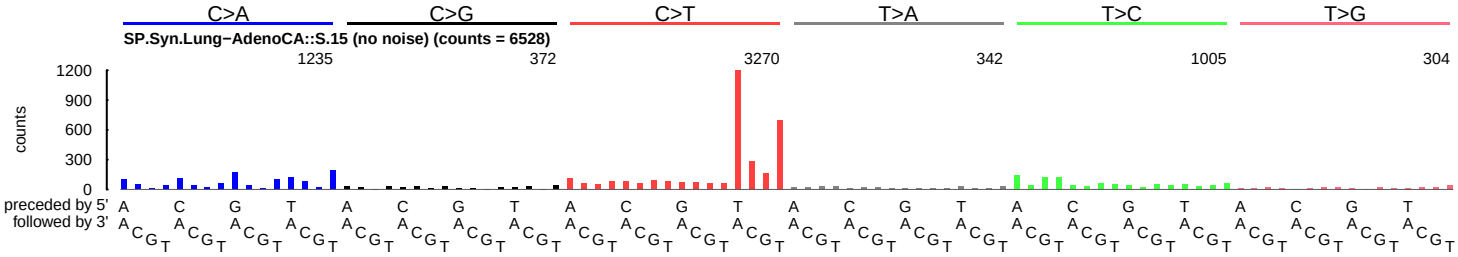

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Lung−AdenoCA::S.10 (no noise) (counts = 34177)
18168
2719
4993
5010
2133
1154
counts
2336
1752
1168
584
0
preceded by 5'
followed by 3'

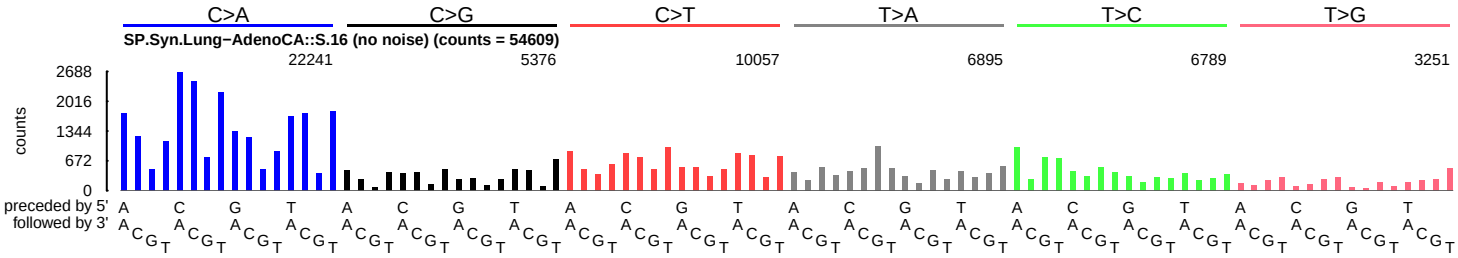

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Lung−AdenoCA::S.11 (no noise) (counts = 71086)
29987
9172
11157
9134
7765
3871
counts
3632
2724
1816
908
0
preceded by 5'
followed by 3'

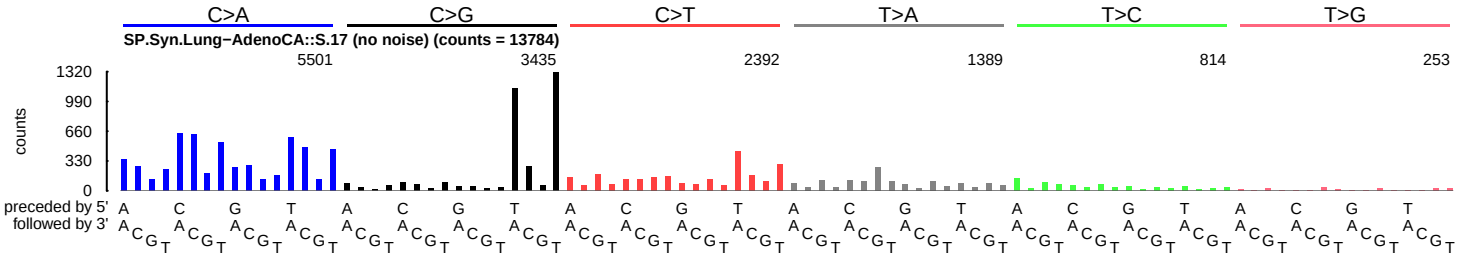

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Lung−AdenoCA::S.12 (no noise) (counts = 29798)
6102
5290
7870
2054
6577
1905
counts
1664
1248
832
416
0
preceded by 5'
followed by 3'

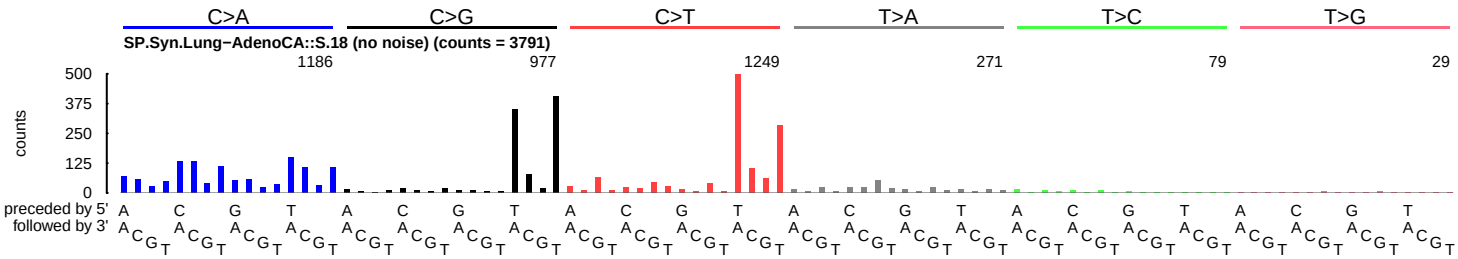

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Lung−AdenoCA::S.13 (no noise) (counts = 14248)
4284
1817
3060
1613
2304
1170
counts
476
357
238
119
0
preceded by 5'
followed by 3'

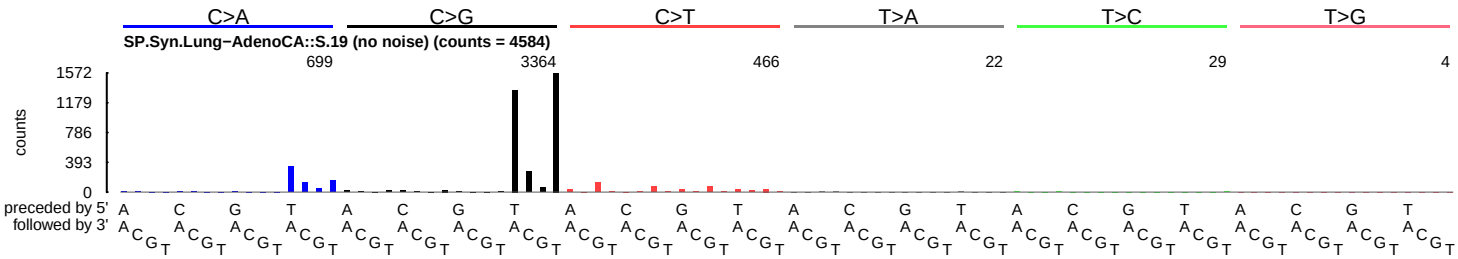

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Lung−AdenoCA::S.14 (no noise) (counts = 50630)
23828
3471
8464
7102
6491
1274
counts
3068
2301
1534
767
0
preceded by 5'
followed by 3'

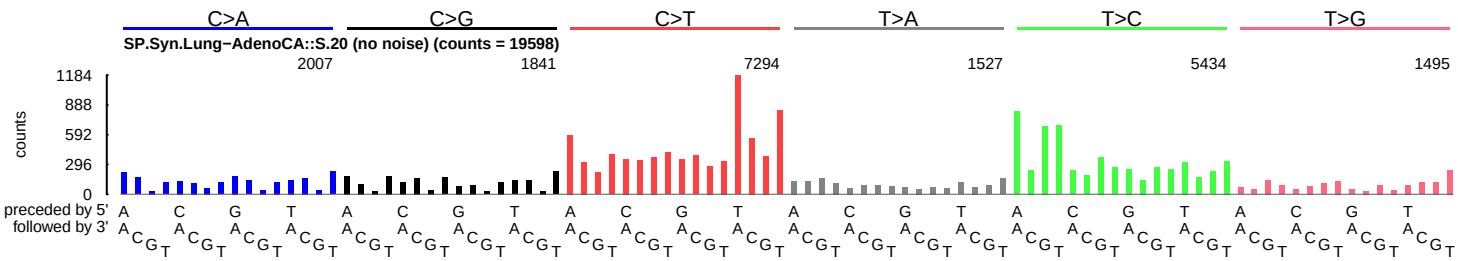

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Lung−AdenoCA::S.15 (no noise) (counts = 6528)
1235
372
3270
342
1005
304
counts
1200
900
600
300
0
preceded by 5'
followed by 3'

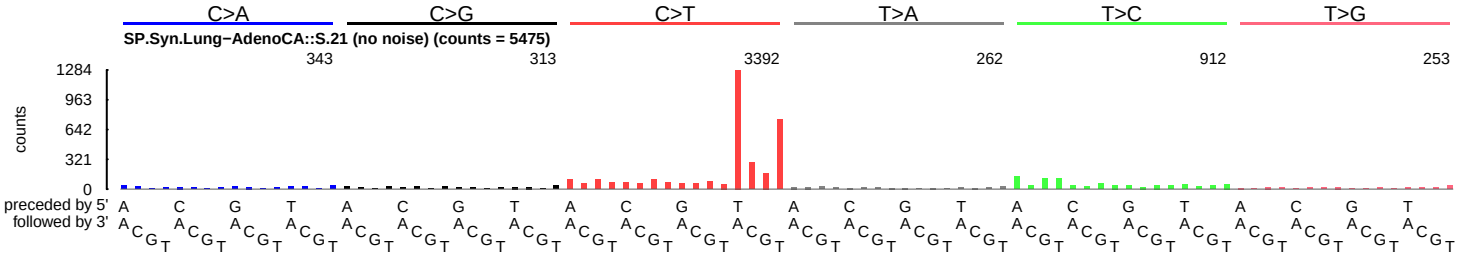

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Lung−AdenoCA::S.16 (no noise) (counts = 54609)
22241
5376
10057
6895
6789
3251
counts
2688
2016
1344
672
0
preceded by 5'
followed by 3'

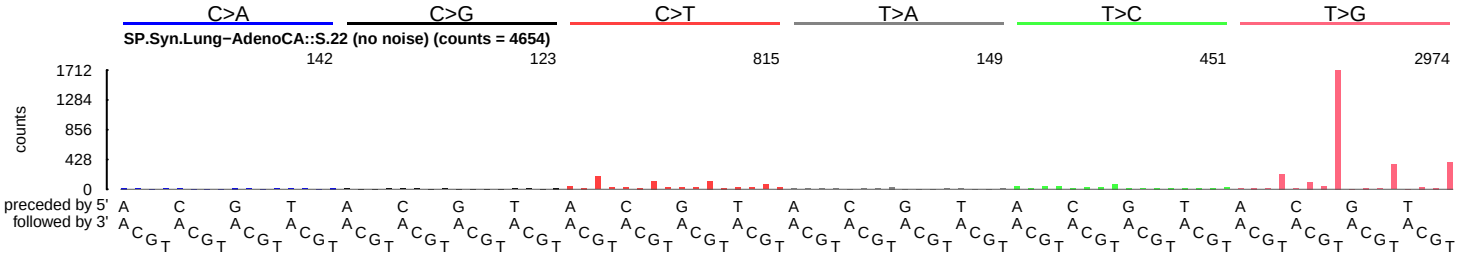

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Lung−AdenoCA::S.17 (no noise) (counts = 13784)
5501
3435
2392
1389
814
253
counts
1320
990
660
330
0
preceded by 5'
followed by 3'

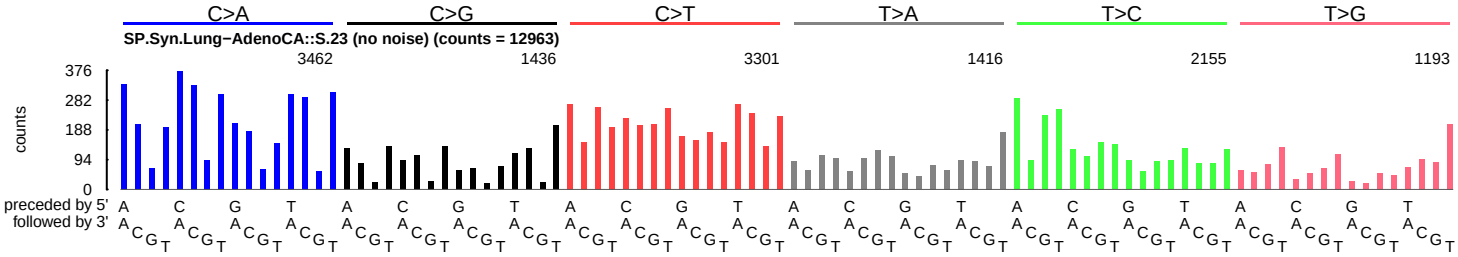

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Lung−AdenoCA::S.18 (no noise) (counts = 3791)
1186
977
1249
271
79
29
counts
500
375
250
125
0
preceded by 5'
followed by 3'

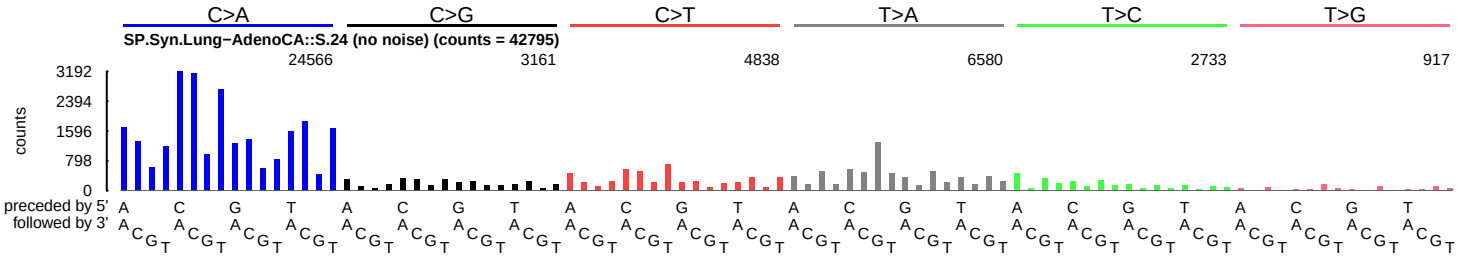

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Lung−AdenoCA::S.19 (no noise) (counts = 4584)
699
3364
466
22
29
4
counts
1572
1179
786
393
0
preceded by 5'
followed by 3'

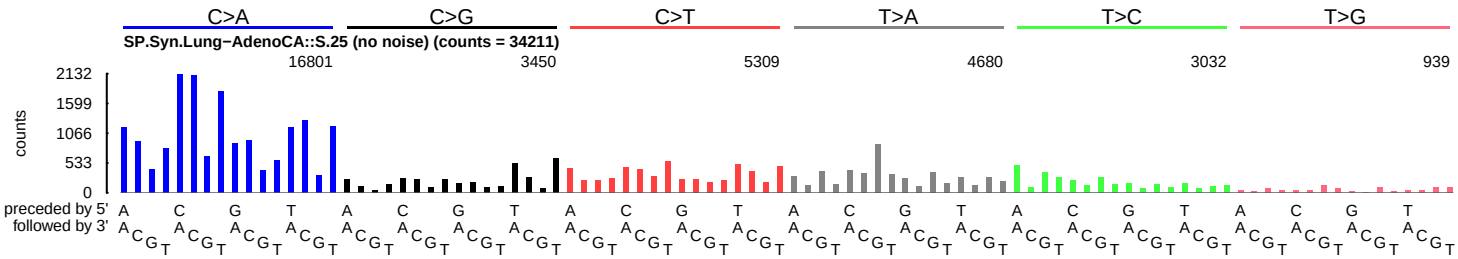

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Lung−AdenoCA::S.20 (no noise) (counts = 19598)
2007
1841
7294
1527
5434
1495
counts
1184
888
592
296
0
preceded by 5'
followed by 3'

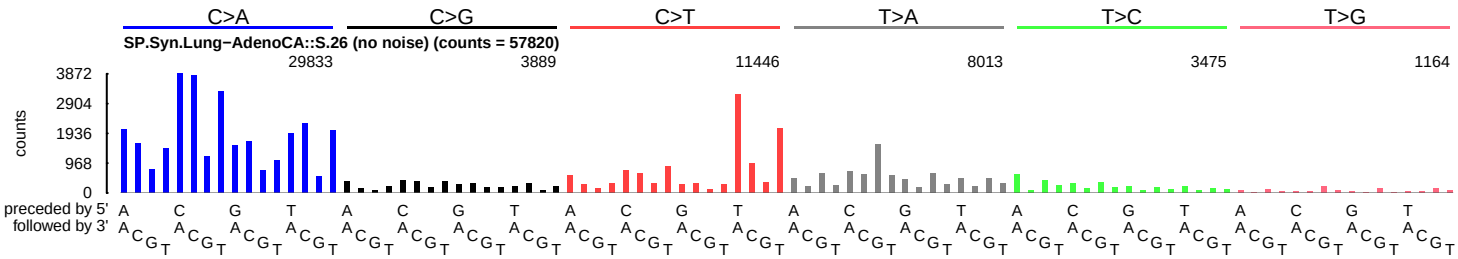

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Lung−AdenoCA::S.21 (no noise) (counts = 5475)
343
313
3392
262
912
253
counts
1284
963
642
321
0
preceded by 5'
followed by 3'

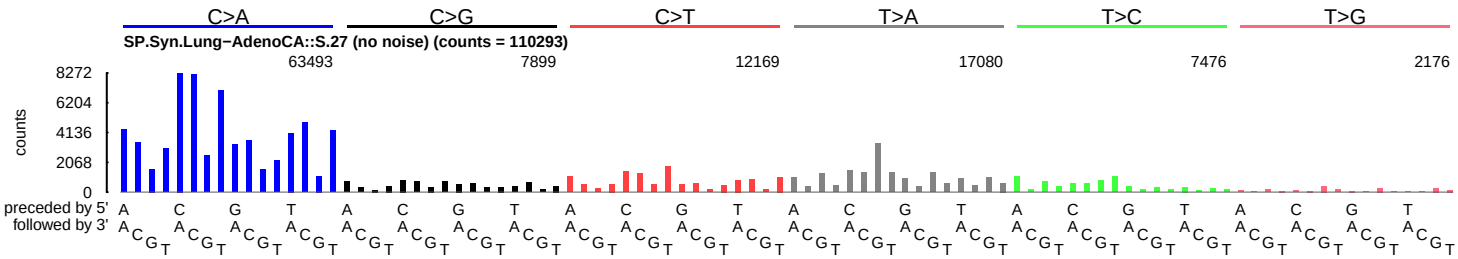

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Lung−AdenoCA::S.22 (no noise) (counts = 4654)
142
123
815
149
451
2974
counts
1712
1284
856
428
0
preceded by 5'
followed by 3'

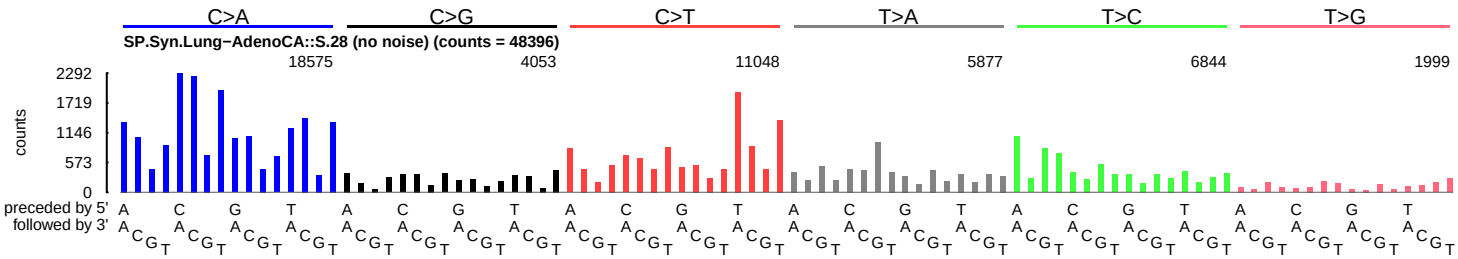

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Lung−AdenoCA::S.23 (no noise) (counts = 12963)
3462
1436
3301
1416
2155
1193
counts
376
282
188
94
0
preceded by 5'
followed by 3'

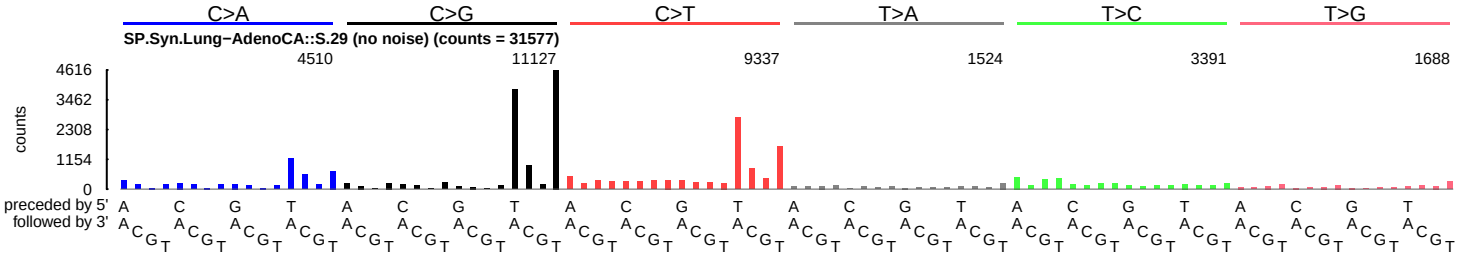

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Lung−AdenoCA::S.24 (no noise) (counts = 42795)
24566
3161
4838
6580
2733
917
counts
3192
2394
1596
798
0
preceded by 5'
followed by 3'

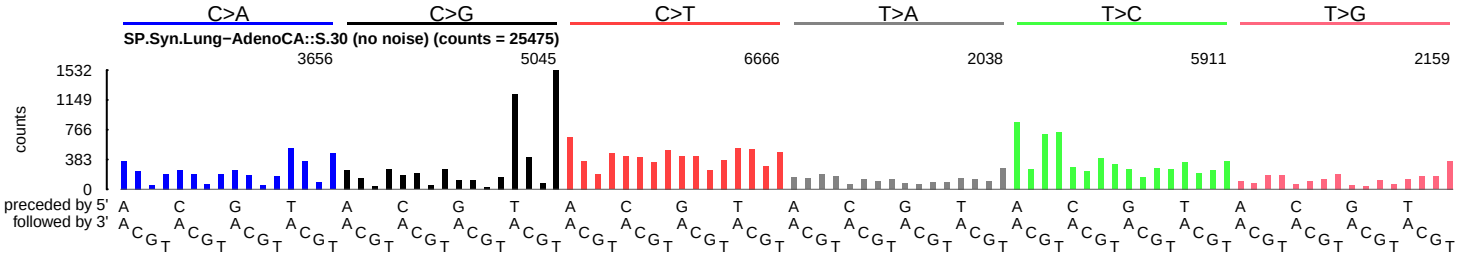

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Lung−AdenoCA::S.25 (no noise) (counts = 34211)
16801
3450
5309
4680
3032
939
counts
2132
1599
1066
533
0
preceded by 5'
followed by 3'

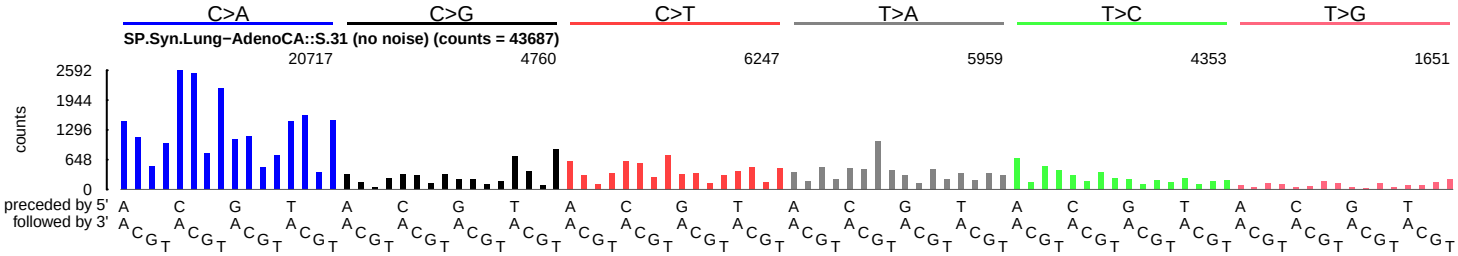

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Lung−AdenoCA::S.26 (no noise) (counts = 57820)
29833
3889
11446
8013
3475
1164
counts
3872
2904
1936
968
0
preceded by 5'
followed by 3'

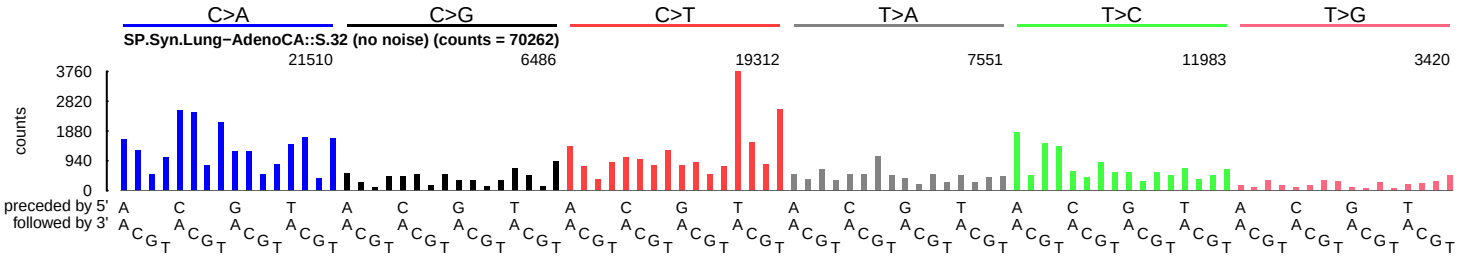

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Lung−AdenoCA::S.27 (no noise) (counts = 110293)
63493
7899
12169
17080
7476
2176
counts
8272
6204
4136
2068
0
preceded by 5'
followed by 3'

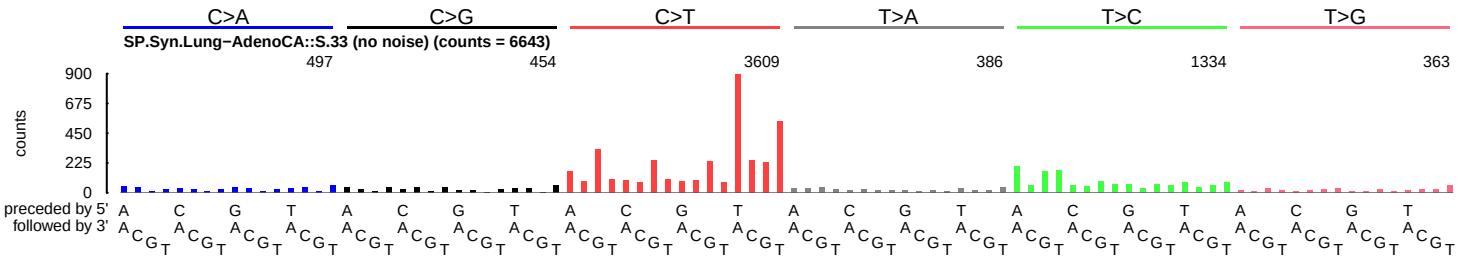

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Lung−AdenoCA::S.28 (no noise) (counts = 48396)
18575
4053
11048
5877
6844
1999
counts
2292
1719
1146
573
0
preceded by 5'
followed by 3'

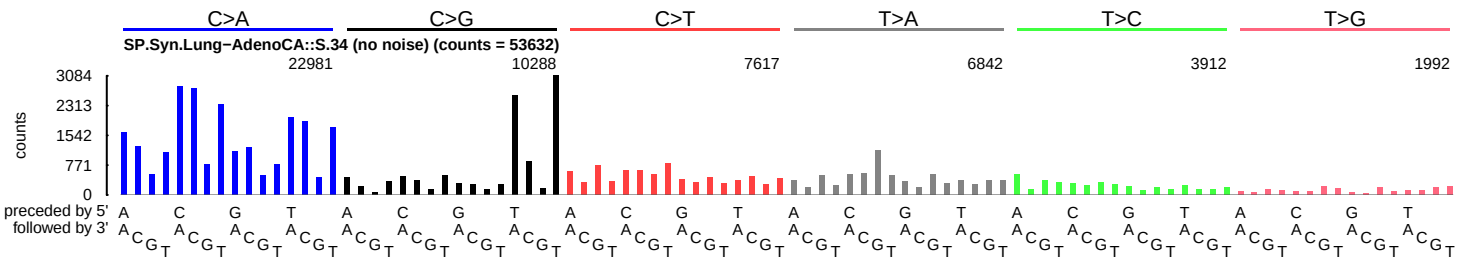

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Lung−AdenoCA::S.29 (no noise) (counts = 31577)
4510
11127
9337
1524
3391
1688
counts
4616
3462
2308
1154
0
preceded by 5'
followed by 3'

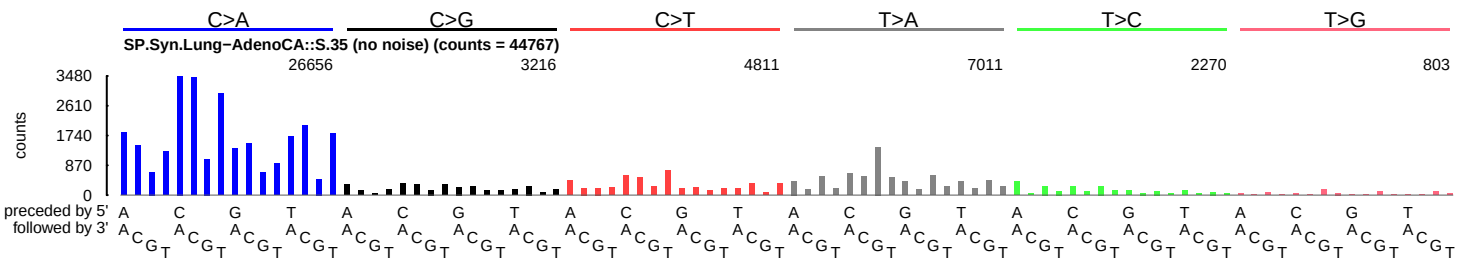

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Lung−AdenoCA::S.30 (no noise) (counts = 25475)
3656
5045
6666
2038
5911
2159
counts
1532
1149
766
383
0
preceded by 5'
followed by 3'

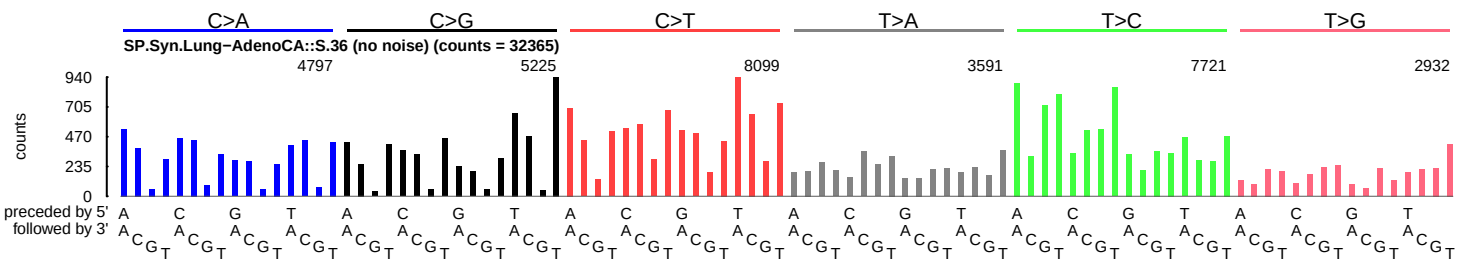

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Lung−AdenoCA::S.31 (no noise) (counts = 43687)
20717
4760
6247
5959
4353
1651
counts
2592
1944
1296
648
0
preceded by 5'
followed by 3'

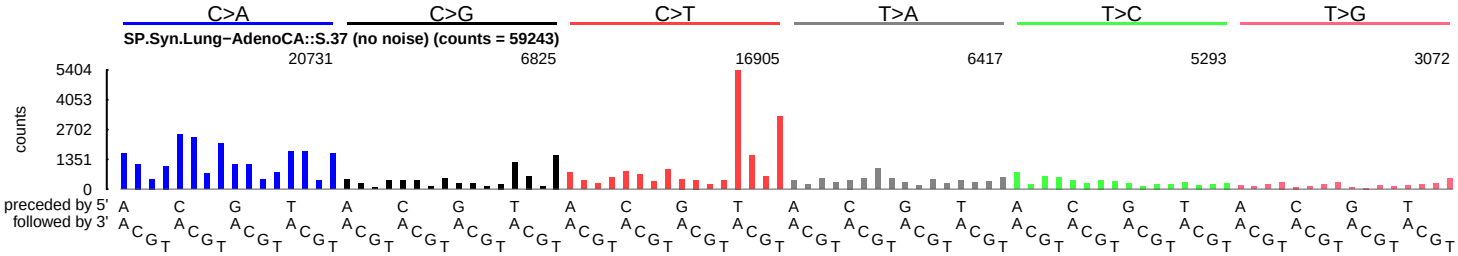

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Lung−AdenoCA::S.32 (no noise) (counts = 70262)
21510
6486
19312
7551
11983
3420
counts
3760
2820
1880
940
0
preceded by 5'
followed by 3'

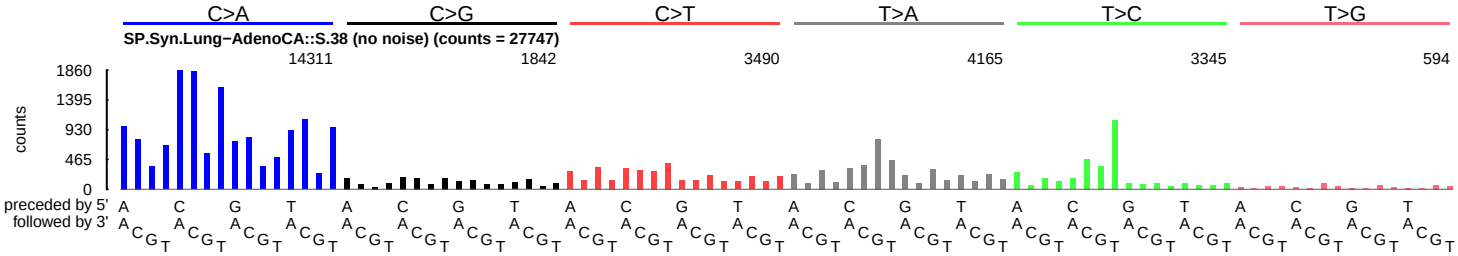

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Lung−AdenoCA::S.33 (no noise) (counts = 6643)
497
454
3609
386
1334
363
counts
900
675
450
225
0
preceded by 5'
followed by 3'

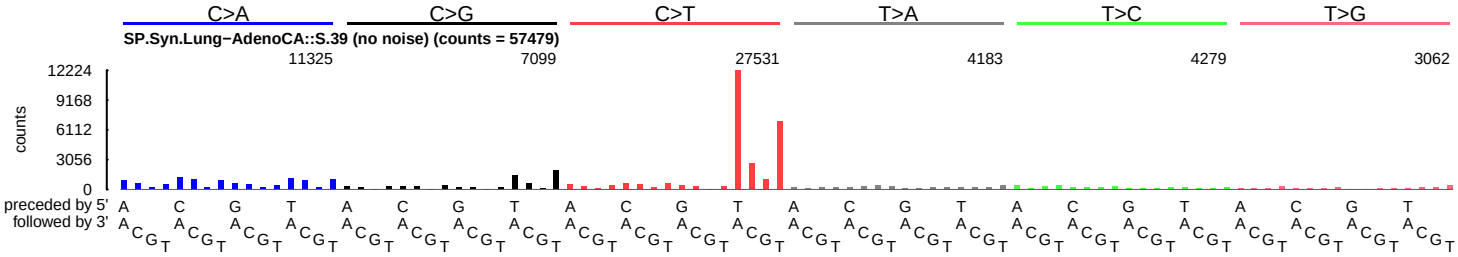

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Lung−AdenoCA::S.34 (no noise) (counts = 53632)
22981
10288
7617
6842
3912
1992
counts
3084
2313
1542
771
0
preceded by 5'
followed by 3'

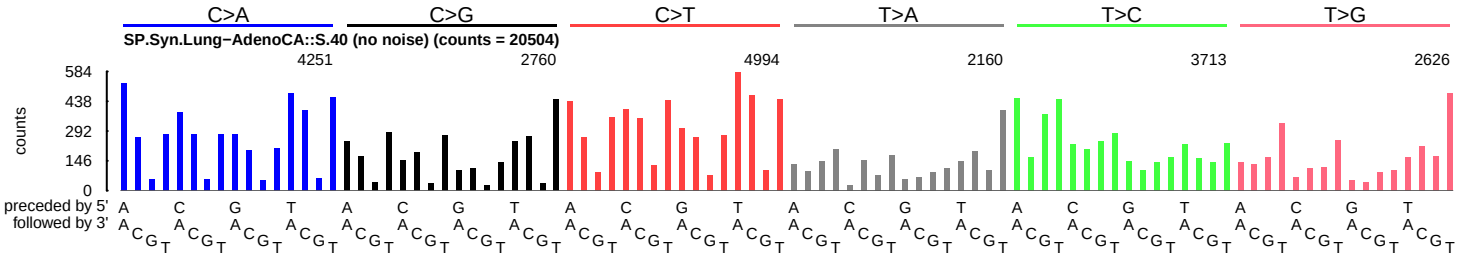

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Lung−AdenoCA::S.35 (no noise) (counts = 44767)
26656
3216
4811
7011
2270
803
counts
3480
2610
1740
870
0
preceded by 5'
followed by 3'

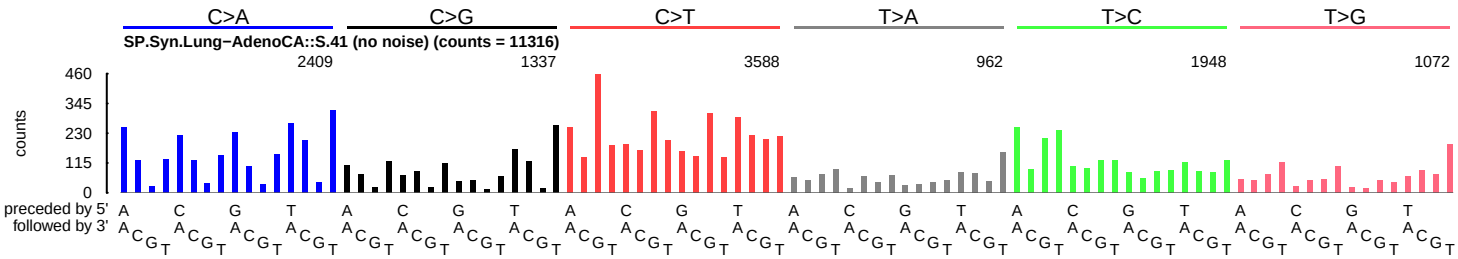

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Lung−AdenoCA::S.36 (no noise) (counts = 32365)
4797
5225
8099
3591
7721
2932
counts
940
705
470
235
0
preceded by 5'
followed by 3'

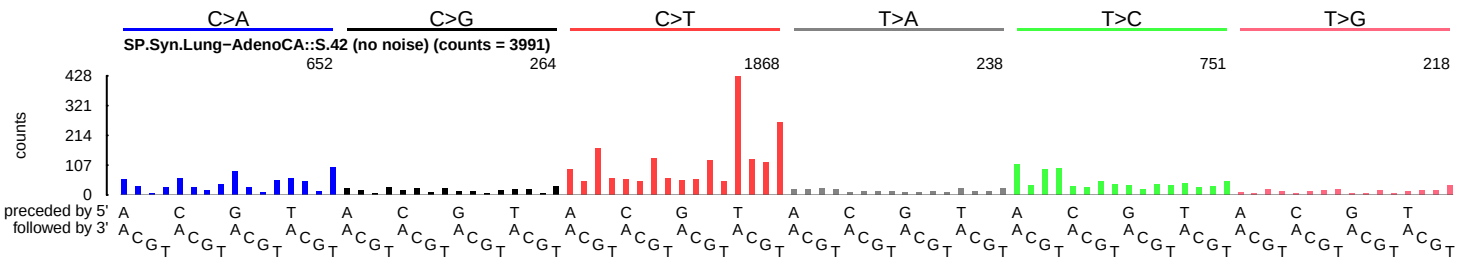

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Lung−AdenoCA::S.37 (no noise) (counts = 59243)
20731
6825
16905
6417
5293
3072
counts
5404
4053
2702
1351
0
preceded by 5'
followed by 3'

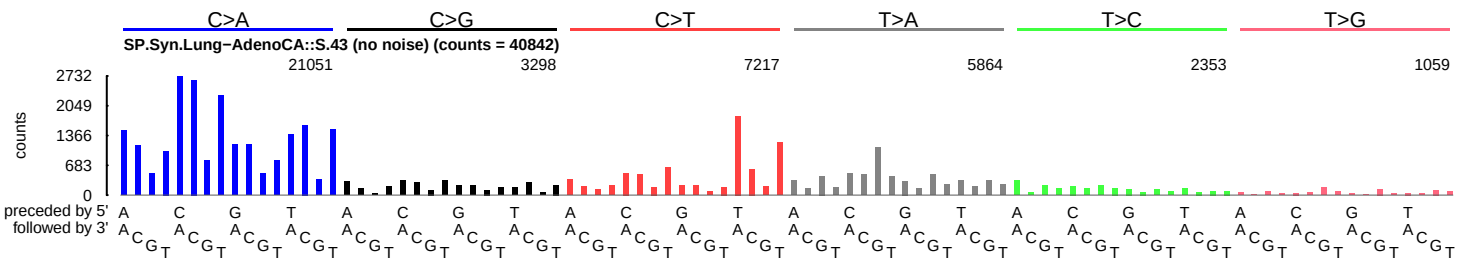

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Lung−AdenoCA::S.38 (no noise) (counts = 27747)
14311
1842
3490
4165
3345
594
counts
1860
1395
930
465
0
preceded by 5'
followed by 3'

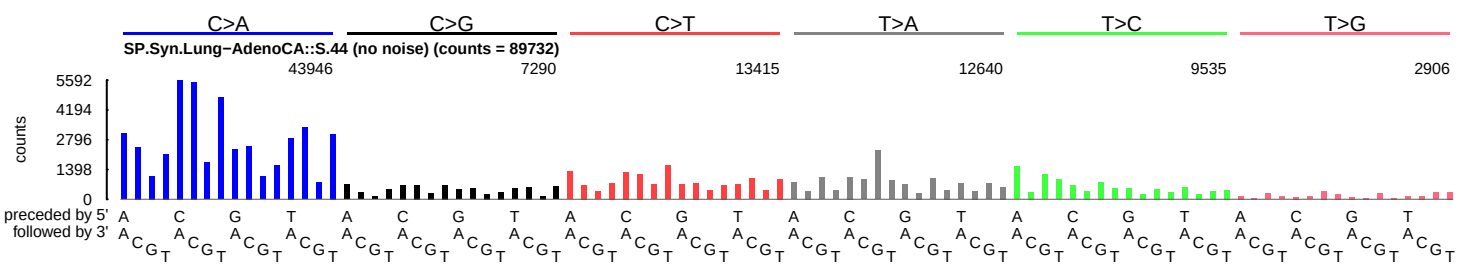

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Lung−AdenoCA::S.39 (no noise) (counts = 57479)
11325
7099
27531
4183
4279
3062
counts
12224
9168
6112
3056
0
preceded by 5'
followed by 3'

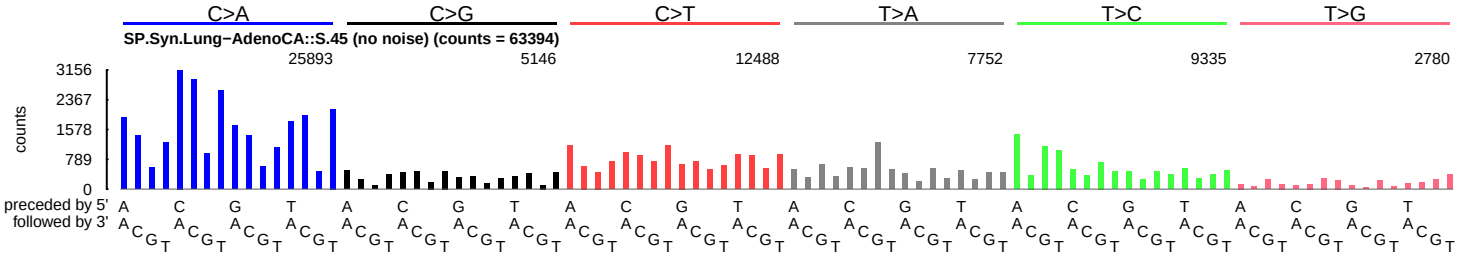

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Lung−AdenoCA::S.40 (no noise) (counts = 20504)
4251
2760
4994
2160
3713
2626
counts
584
438
292
146
0
preceded by 5'
followed by 3'

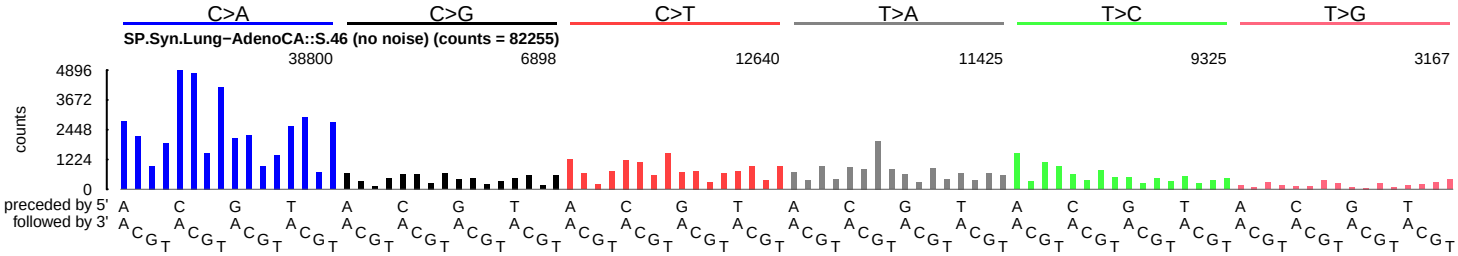

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Lung−AdenoCA::S.41 (no noise) (counts = 11316)
2409
1337
3588
962
1948
1072
counts
460
345
230
115
0
preceded by 5'
followed by 3'

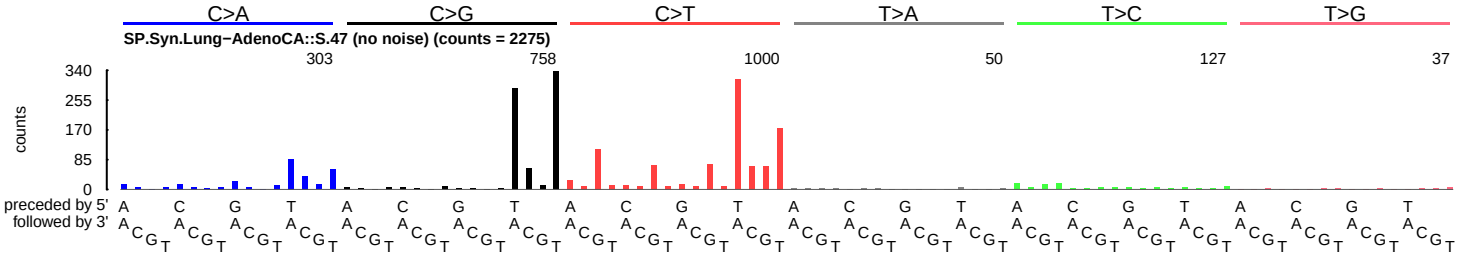

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Lung−AdenoCA::S.42 (no noise) (counts = 3991)
652
264
1868
238
751
218
counts
428
321
214
107
0
preceded by 5'
followed by 3'

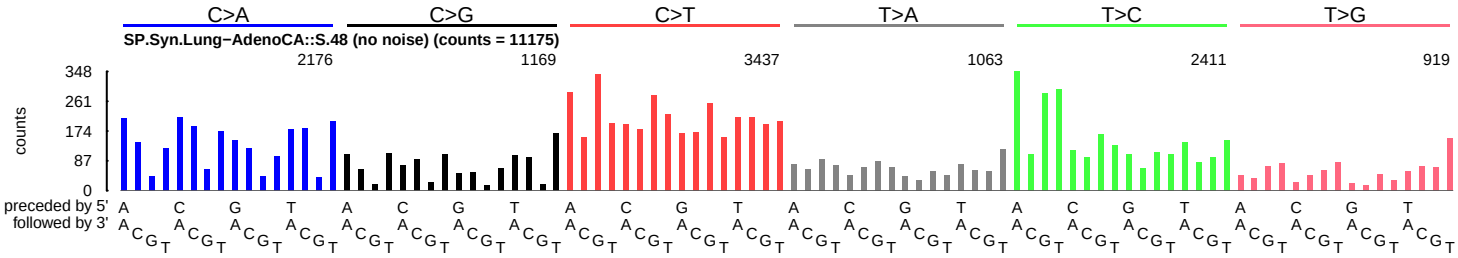

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Lung−AdenoCA::S.43 (no noise) (counts = 40842)
21051
3298
7217
5864
2353
1059
counts
2732
2049
1366
683
0
preceded by 5'
followed by 3'

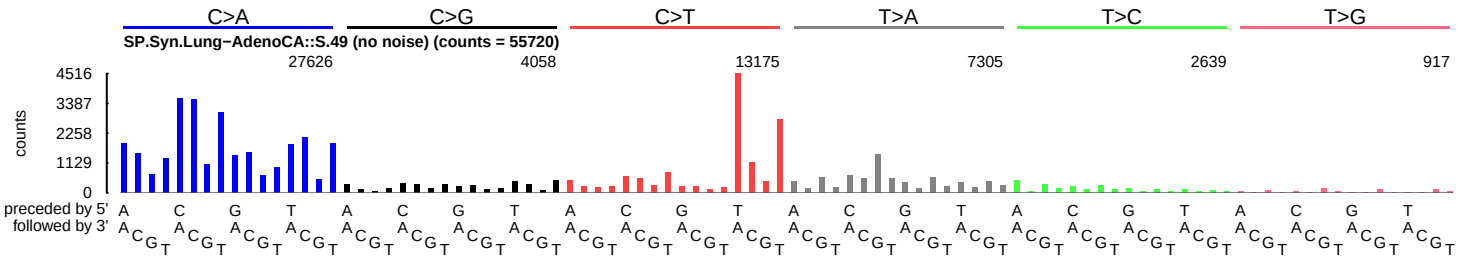

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Lung−AdenoCA::S.44 (no noise) (counts = 89732)
43946
7290
13415
12640
9535
2906
counts
5592
4194
2796
1398
0
preceded by 5'
followed by 3'

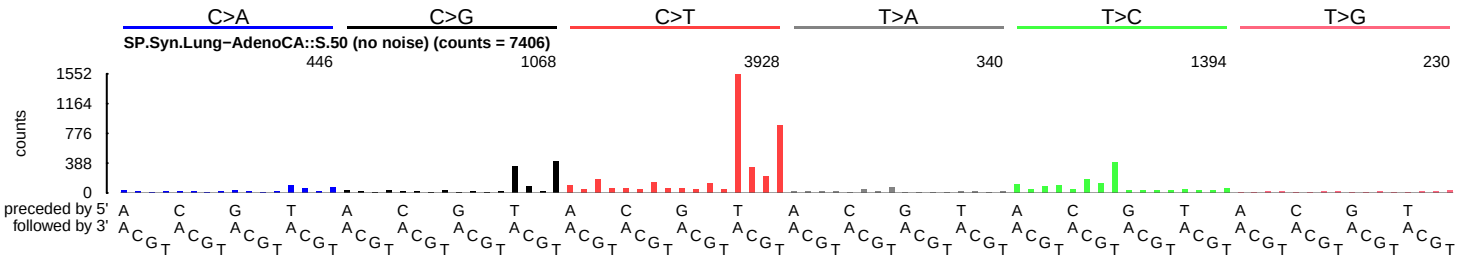

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Lung−AdenoCA::S.45 (no noise) (counts = 63394)
25893
5146
12488
7752
9335
2780
counts
3156
2367
1578
789
0
preceded by 5'
followed by 3'

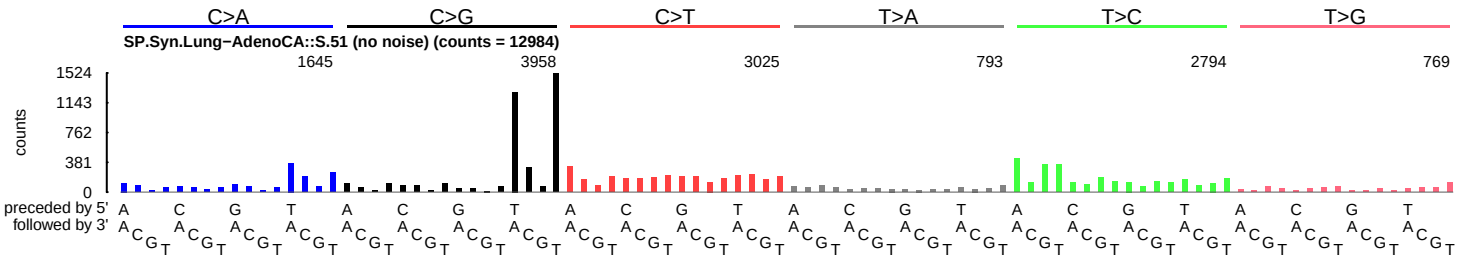

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Lung−AdenoCA::S.46 (no noise) (counts = 82255)
38800
6898
12640
11425
9325
3167
counts
4896
3672
2448
1224
0
preceded by 5'
followed by 3'

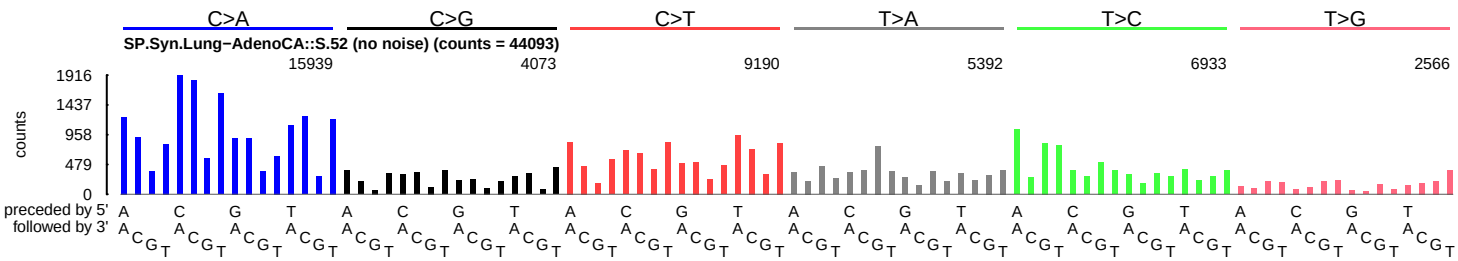

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Lung−AdenoCA::S.47 (no noise) (counts = 2275)
303
758
1000
50
127
37
counts
340
255
170
85
0
preceded by 5'
followed by 3'

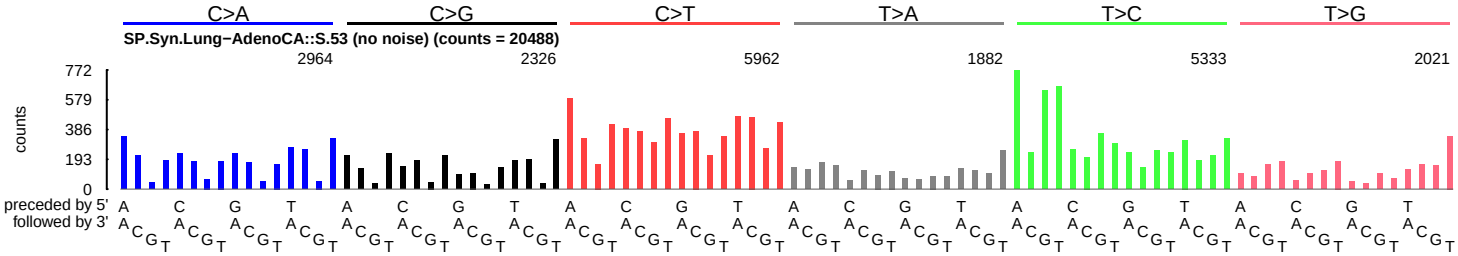

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Lung−AdenoCA::S.48 (no noise) (counts = 11175)
2176
1169
3437
1063
2411
919
counts
348
261
174
87
0
preceded by 5'
followed by 3'

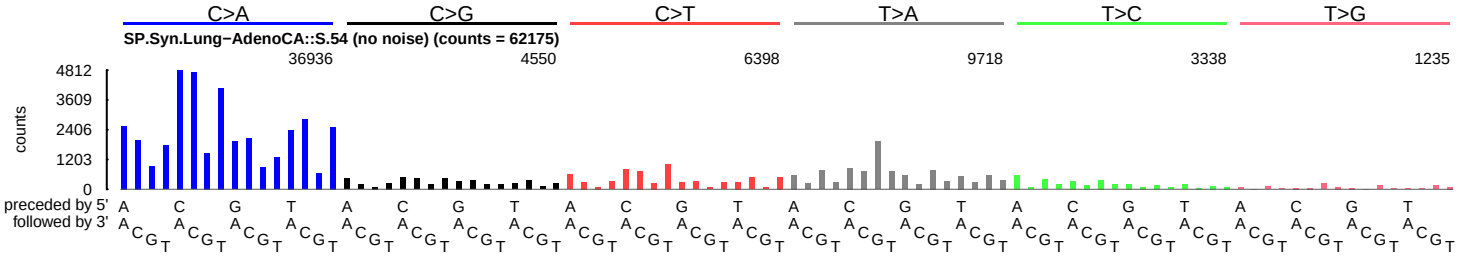

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Lung−AdenoCA::S.49 (no noise) (counts = 55720)
27626
4058
13175
7305
2639
917
counts
4516
3387
2258
1129
0
preceded by 5'
followed by 3'

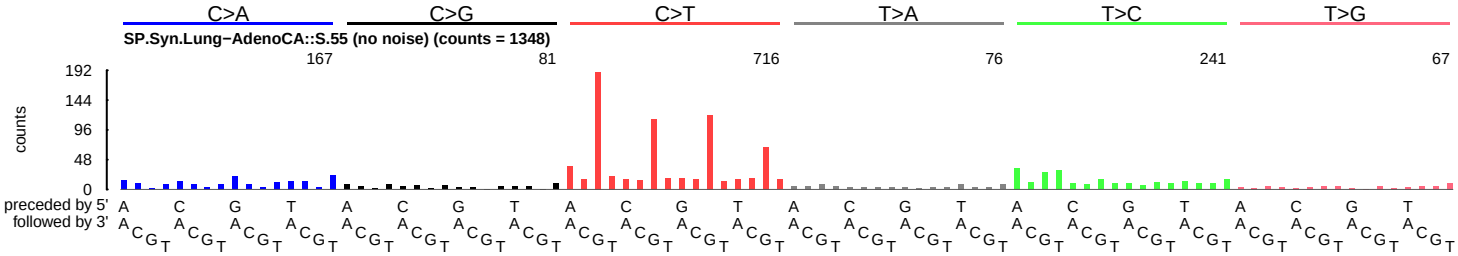

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Lung−AdenoCA::S.50 (no noise) (counts = 7406)
446
1068
3928
340
1394
230
counts
1552
1164
776
388
0
preceded by 5'
followed by 3'

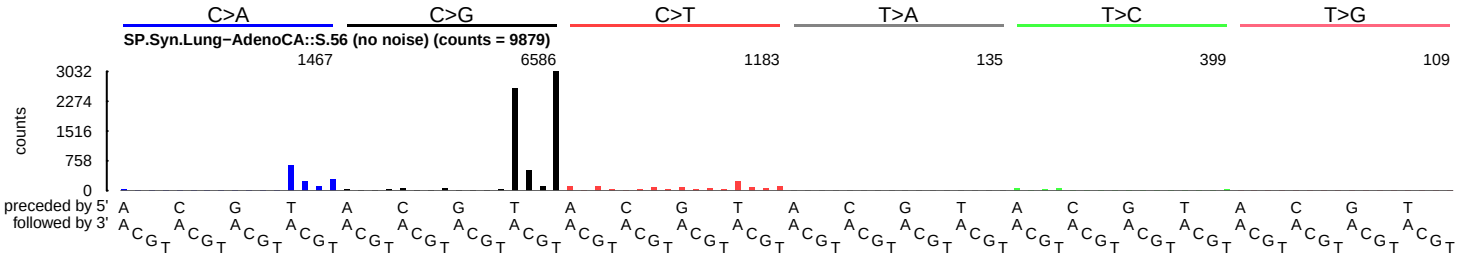

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Lung−AdenoCA::S.51 (no noise) (counts = 12984)
1645
3958
3025
793
2794
769
counts
1524
1143
762
381
0
preceded by 5'
followed by 3'

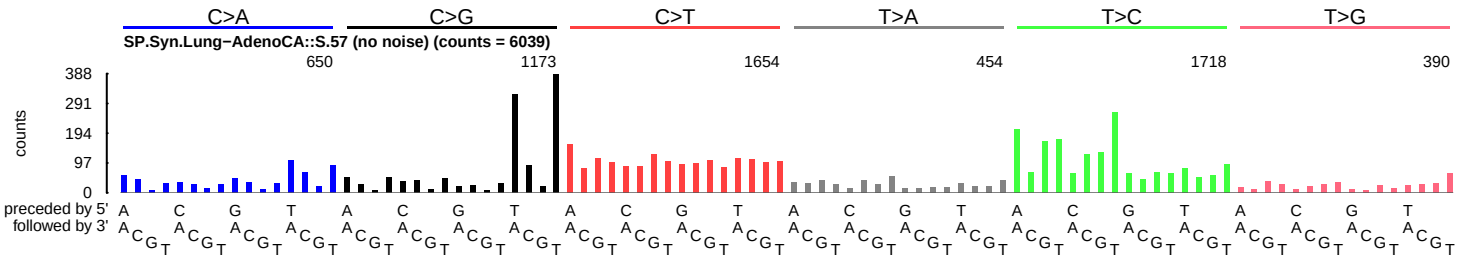

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Lung−AdenoCA::S.52 (no noise) (counts = 44093)
15939
4073
9190
5392
6933
2566
counts
1916
1437
958
479
0
preceded by 5'
followed by 3'

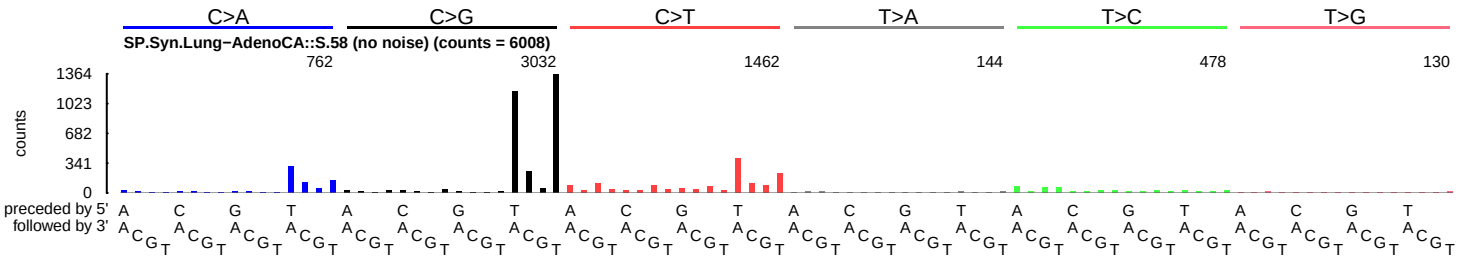

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Lung−AdenoCA::S.53 (no noise) (counts = 20488)
2964
2326
5962
1882
5333
2021
counts
772
579
386
193
0
preceded by 5'
followed by 3'

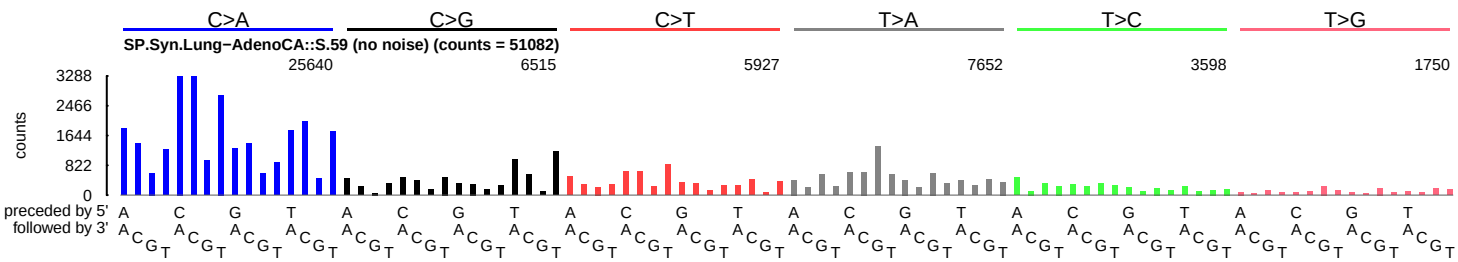

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Lung−AdenoCA::S.54 (no noise) (counts = 62175)
36936
4550
6398
9718
3338
1235
counts
4812
3609
2406
1203
0
preceded by 5'
followed by 3'

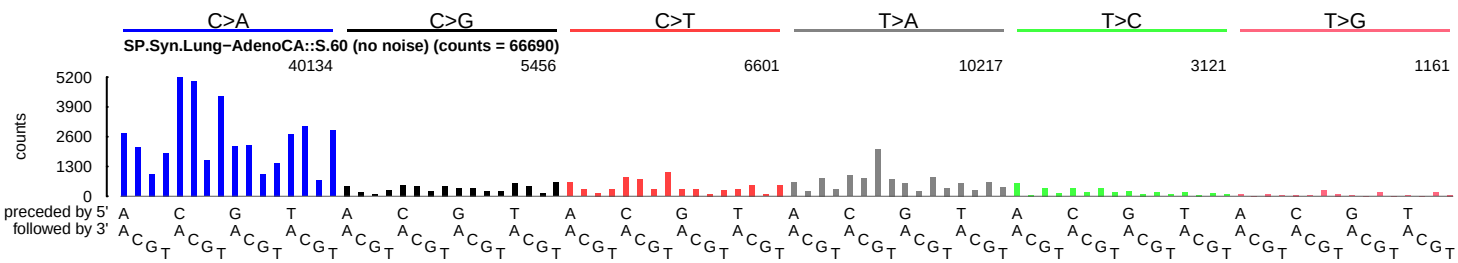

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Lung−AdenoCA::S.55 (no noise) (counts = 1348)
167
81
716
76
241
67
counts
192
144
96
48
0
preceded by 5'
followed by 3'

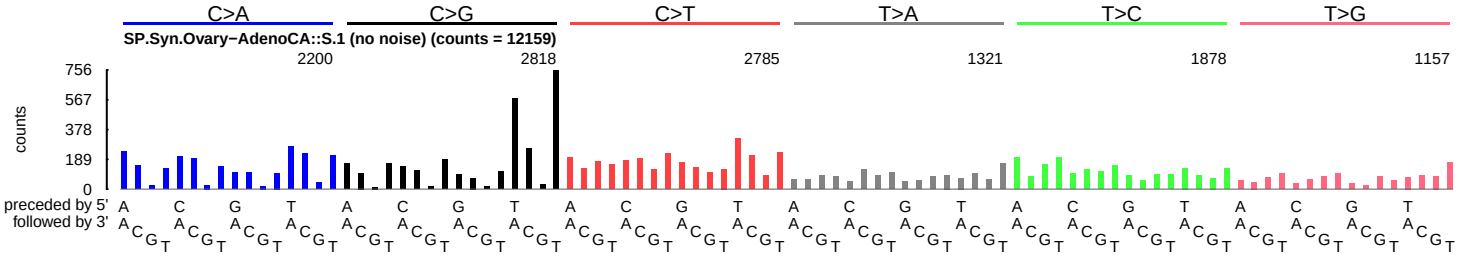

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Lung−AdenoCA::S.56 (no noise) (counts = 9879)
1467
6586
1183
135
399
109
counts
3032
2274
1516
758
0
preceded by 5'
followed by 3'

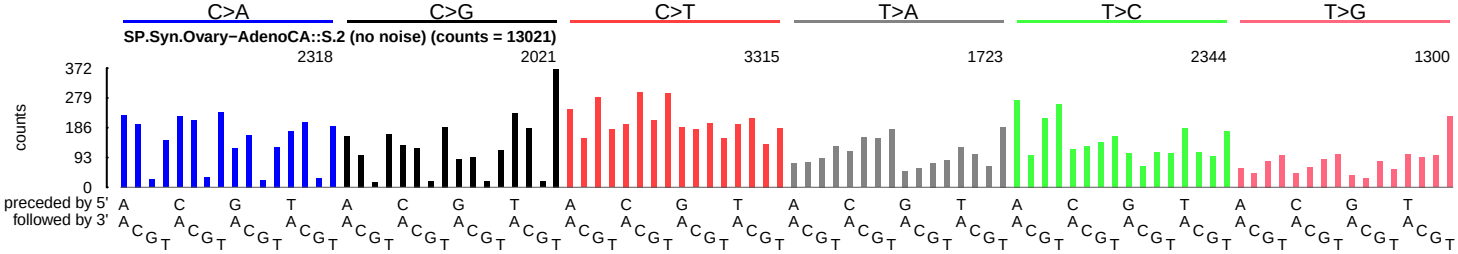

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Lung−AdenoCA::S.57 (no noise) (counts = 6039)
650
1173
1654
454
1718
390
counts
388
291
194
97
0
preceded by 5'
followed by 3'

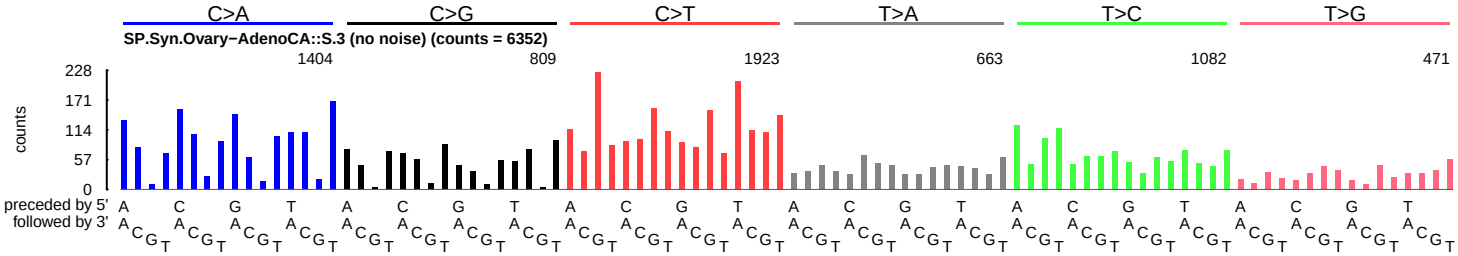

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Lung−AdenoCA::S.58 (no noise) (counts = 6008)
762
3032
1462
144
478
130
counts
1364
1023
682
341
0
preceded by 5'
followed by 3'

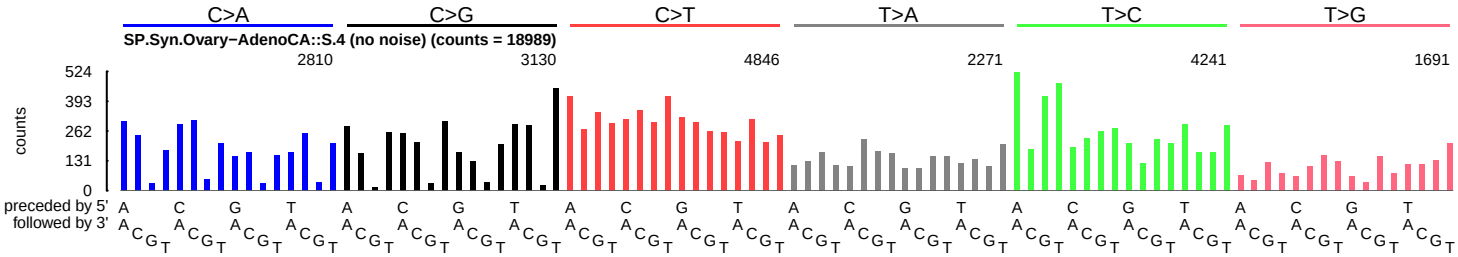

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Lung−AdenoCA::S.59 (no noise) (counts = 51082)
25640
6515
5927
7652
3598
1750
counts
3288
2466
1644
822
0
preceded by 5'
followed by 3'

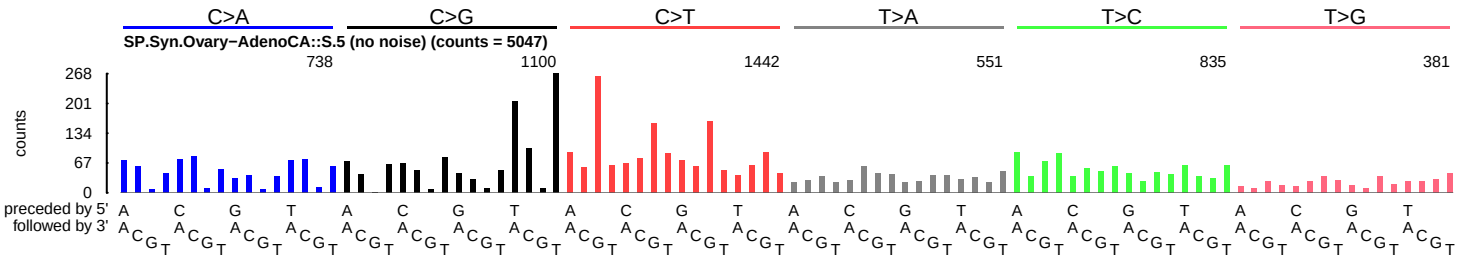

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Lung−AdenoCA::S.60 (no noise) (counts = 66690)
40134
5456
6601
10217
3121
1161
counts
5200
3900
2600
1300
0
preceded by 5'
followed by 3'

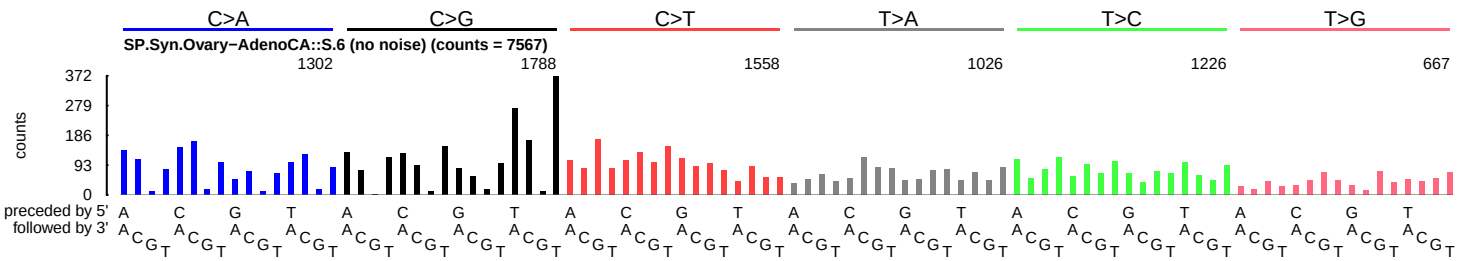

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Ovary−AdenoCA::S.1 (no noise) (counts = 12159)
2200
2818
2785
1321
1878
1157
counts
756
567
378
189
0
preceded by 5'
followed by 3'

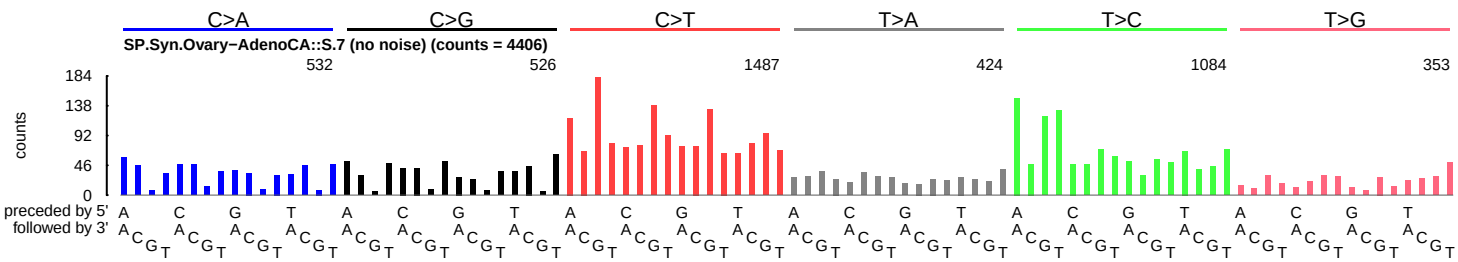

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Ovary−AdenoCA::S.2 (no noise) (counts = 13021)
2318
2021
3315
1723
2344
1300
counts
372
279
186
93
0
preceded by 5'
followed by 3'

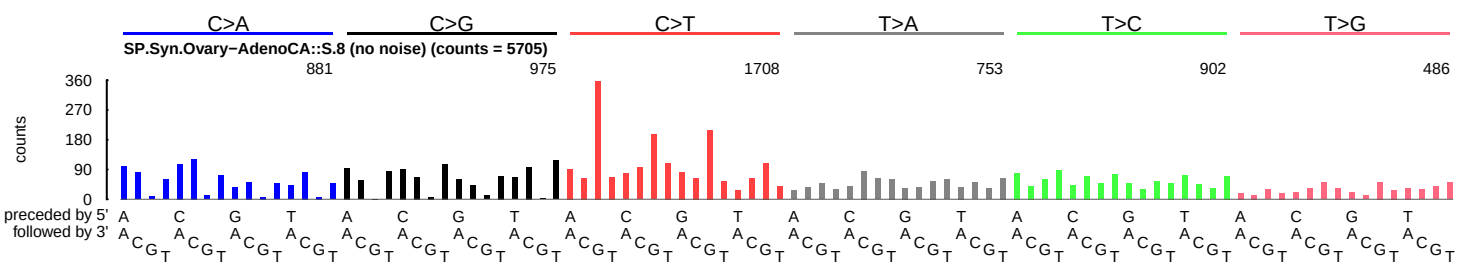

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Ovary−AdenoCA::S.3 (no noise) (counts = 6352)
1404
809
1923
663
1082
471
counts
228
171
114
57
0
preceded by 5'
followed by 3'

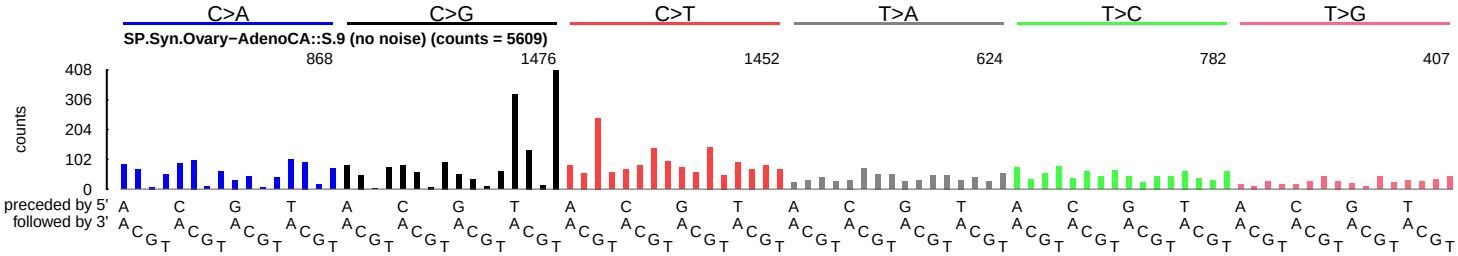

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Ovary−AdenoCA::S.4 (no noise) (counts = 18989)
2810
3130
4846
2271
4241
1691
counts
524
393
262
131
0
preceded by 5'
followed by 3'

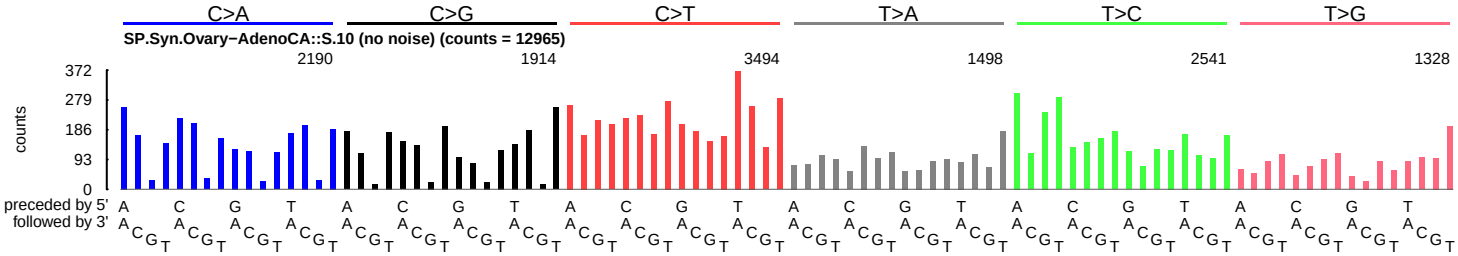

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Ovary−AdenoCA::S.5 (no noise) (counts = 5047)
738
1100
1442
551
835
381
counts
268
201
134
67
0
preceded by 5'
followed by 3'

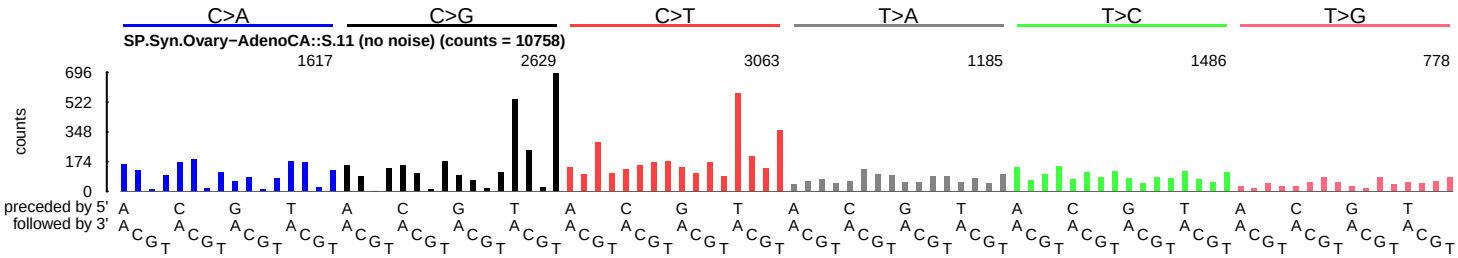

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Ovary−AdenoCA::S.6 (no noise) (counts = 7567)
1302
1788
1558
1026
1226
667
counts
372
279
186
93
0
preceded by 5'
followed by 3'

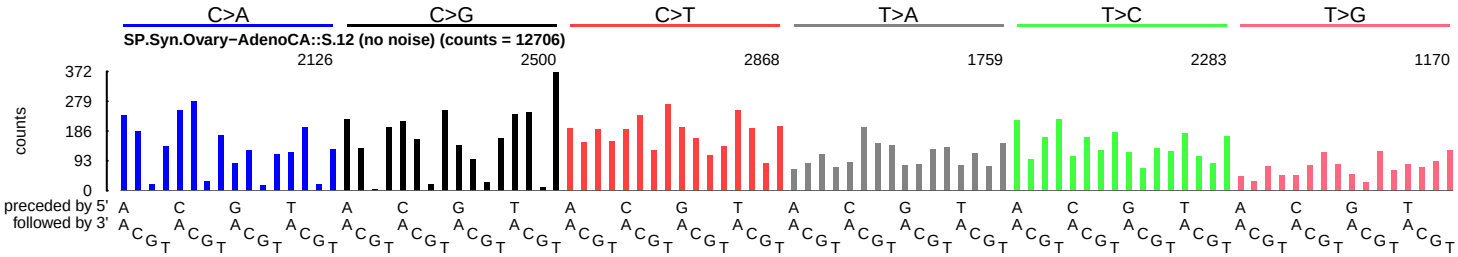

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Ovary−AdenoCA::S.7 (no noise) (counts = 4406)
532
526
1487
424
1084
353
counts
184
138
92
46
0
preceded by 5'
followed by 3'

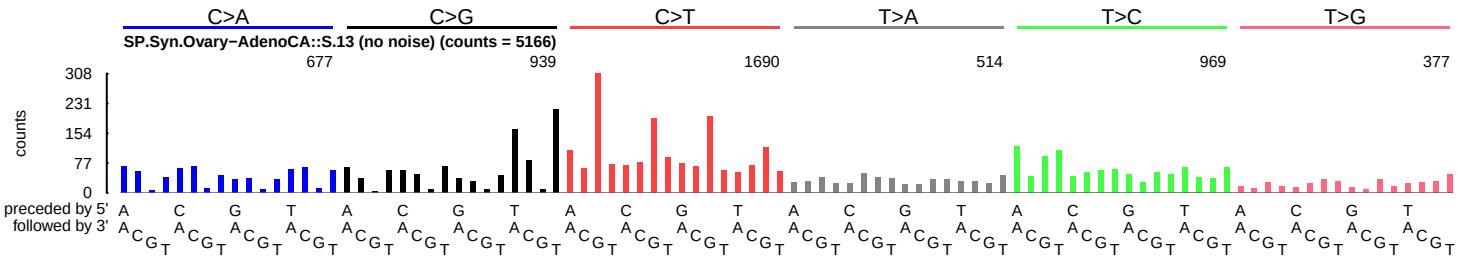

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Ovary−AdenoCA::S.8 (no noise) (counts = 5705)
881
975
1708
753
902
486
counts
360
270
180
90
0
preceded by 5'
followed by 3'

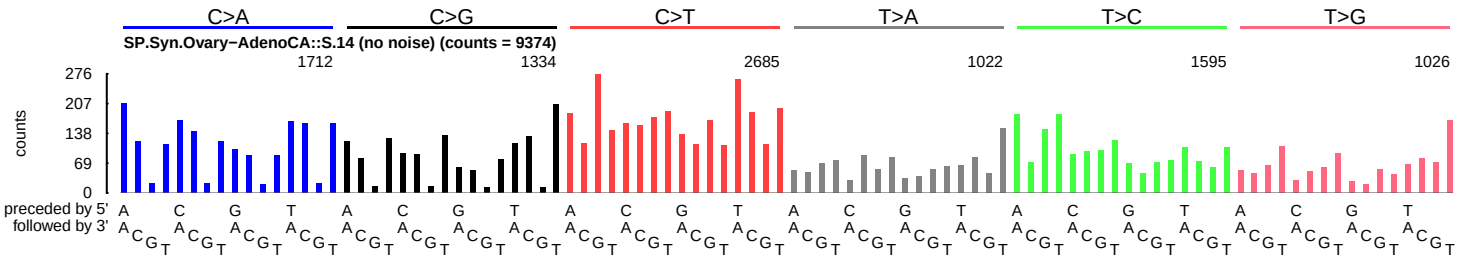

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Ovary−AdenoCA::S.9 (no noise) (counts = 5609)
868
1476
1452
624
782
407
counts
408
306
204
102
0
preceded by 5'
followed by 3'

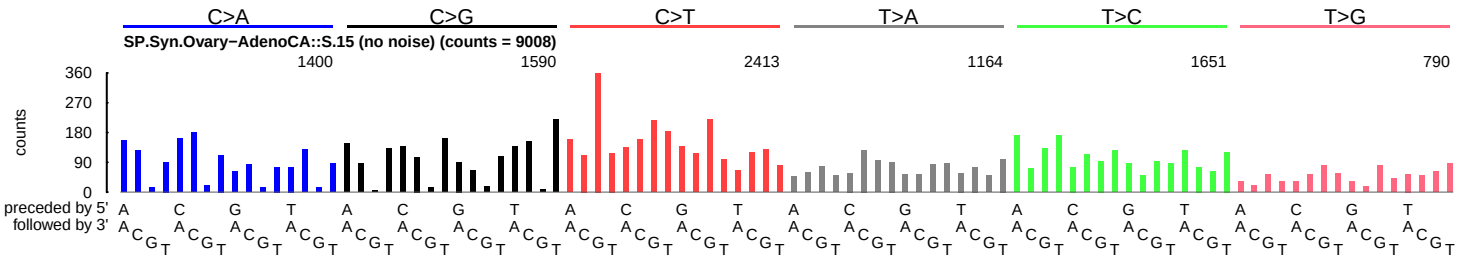

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Ovary−AdenoCA::S.10 (no noise) (counts = 12965)
2190
1914
3494
1498
2541
1328
counts
372
279
186
93
0
preceded by 5'
followed by 3'

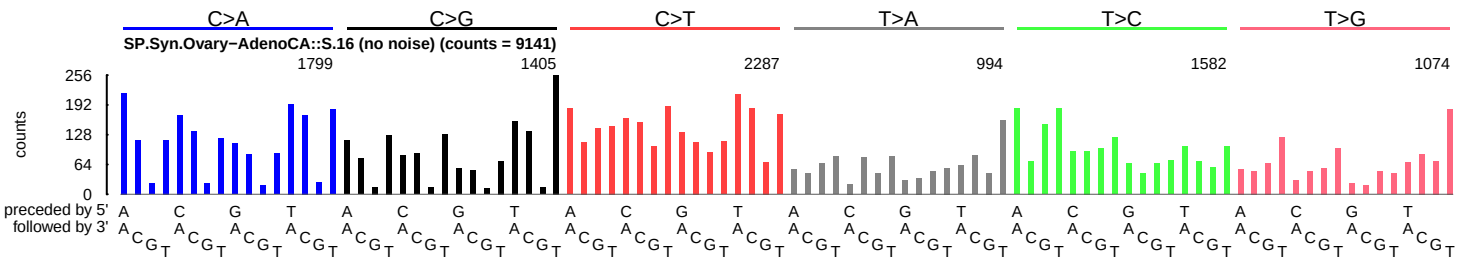

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Ovary−AdenoCA::S.11 (no noise) (counts = 10758)
1617
2629
3063
1185
1486
778
counts
696
522
348
174
0
preceded by 5'
followed by 3'

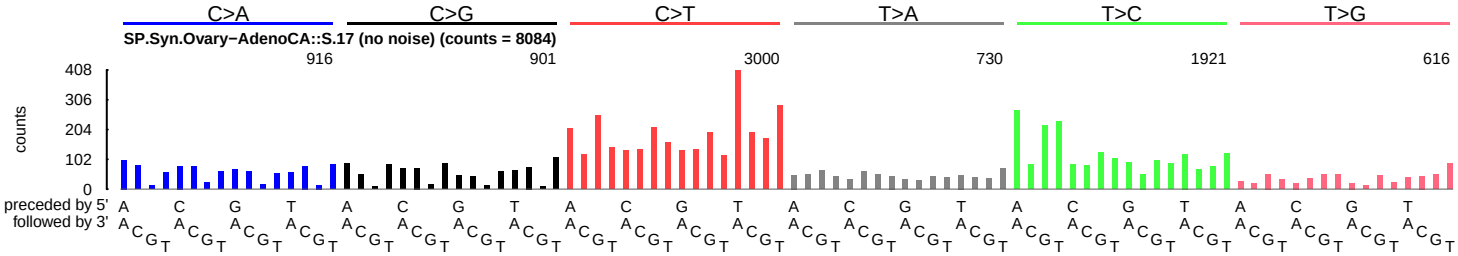

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Ovary−AdenoCA::S.12 (no noise) (counts = 12706)
2126
2500
2868
1759
2283
1170
counts
372
279
186
93
0
preceded by 5'
followed by 3'

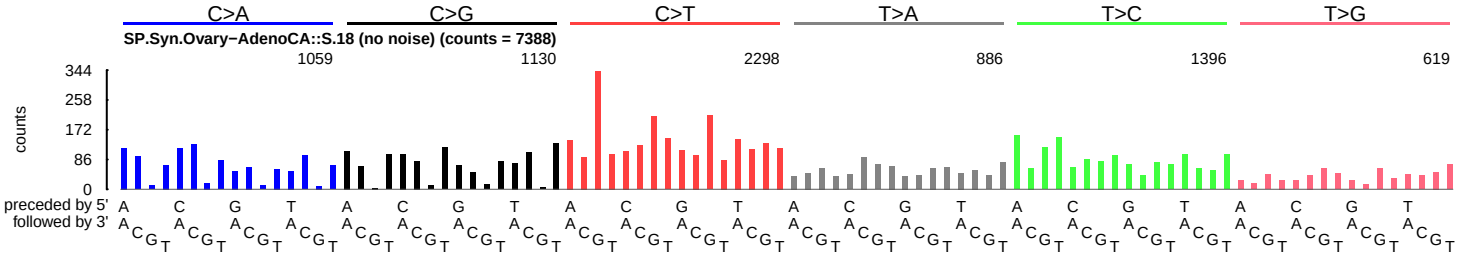

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Ovary−AdenoCA::S.13 (no noise) (counts = 5166)
677
939
1690
514
969
377
counts
308
231
154
77
0
preceded by 5'
followed by 3'

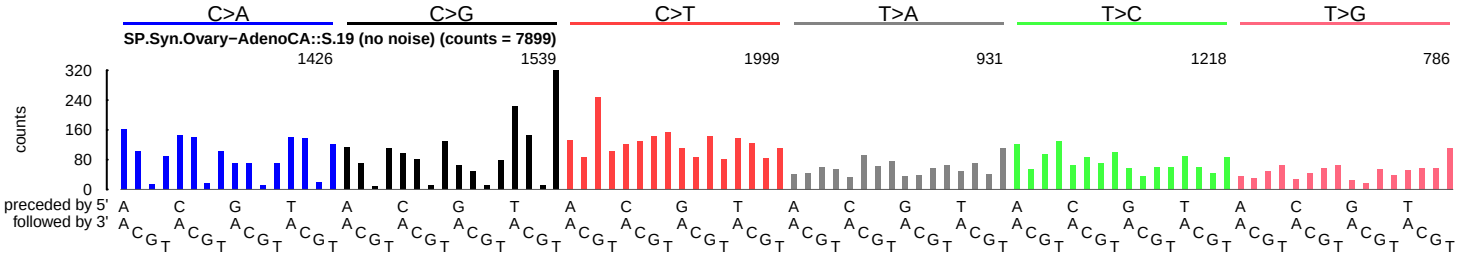

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Ovary−AdenoCA::S.14 (no noise) (counts = 9374)
1712
1334
2685
1022
1595
1026
counts
276
207
138
69
0
preceded by 5'
followed by 3'

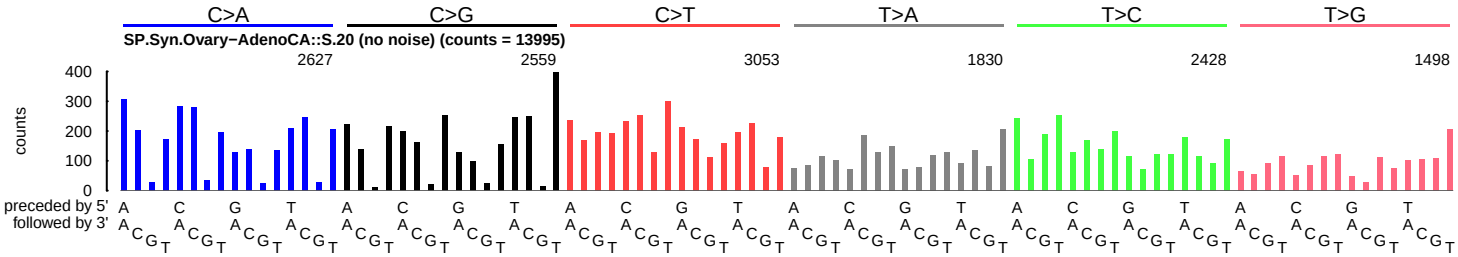

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Ovary−AdenoCA::S.15 (no noise) (counts = 9008)
1400
1590
2413
1164
1651
790
counts
360
270
180
90
0
preceded by 5'
followed by 3'

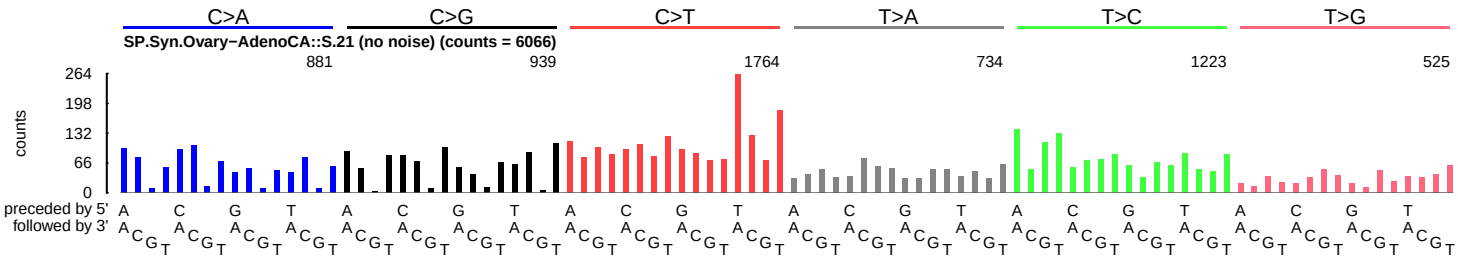

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Ovary−AdenoCA::S.16 (no noise) (counts = 9141)
1799
1405
2287
994
1582
1074
counts
256
192
128
64
0
preceded by 5'
followed by 3'

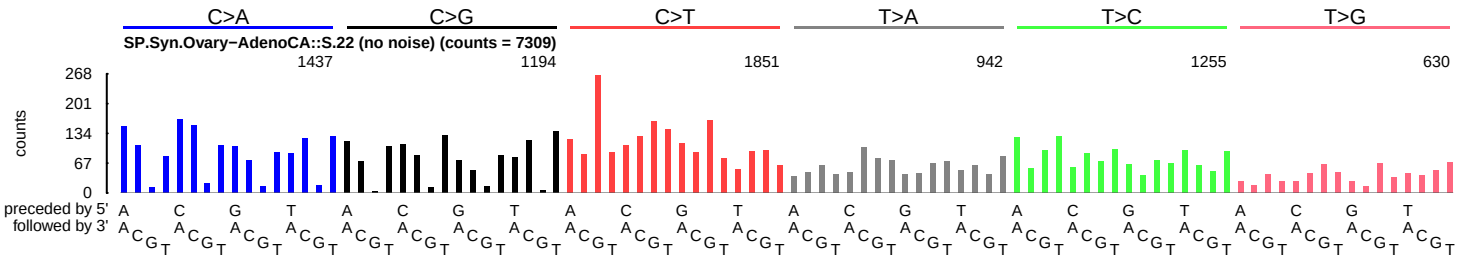

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Ovary−AdenoCA::S.17 (no noise) (counts = 8084)
916
901
3000
730
1921
616
counts
408
306
204
102
0
preceded by 5'
followed by 3'

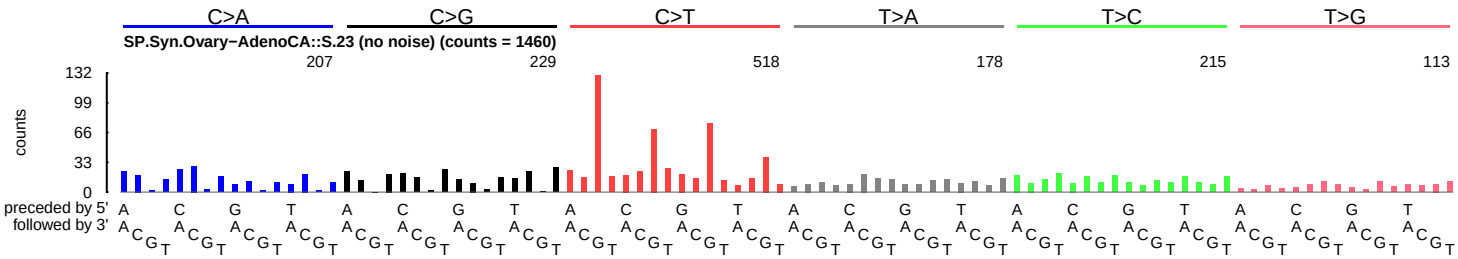

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Ovary−AdenoCA::S.18 (no noise) (counts = 7388)
1059
1130
2298
886
1396
619
counts
344
258
172
86
0
preceded by 5'
followed by 3'

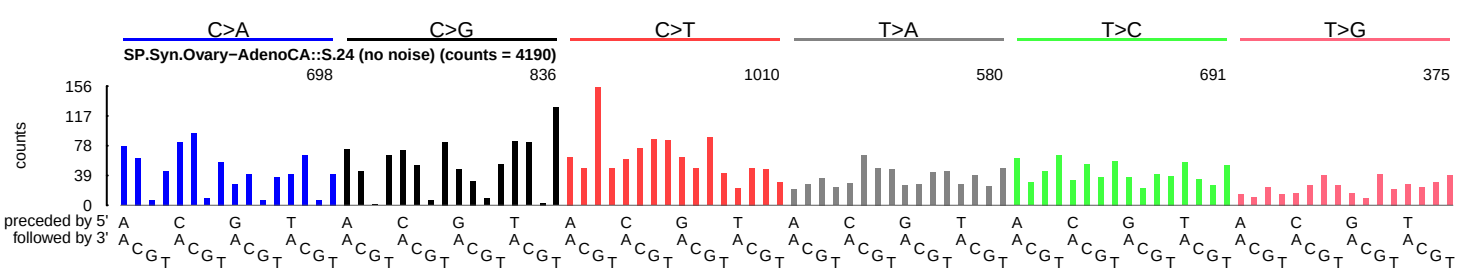

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Ovary−AdenoCA::S.19 (no noise) (counts = 7899)
1426
1539
1999
931
1218
786
counts
320
240
160
80
0
preceded by 5'
followed by 3'

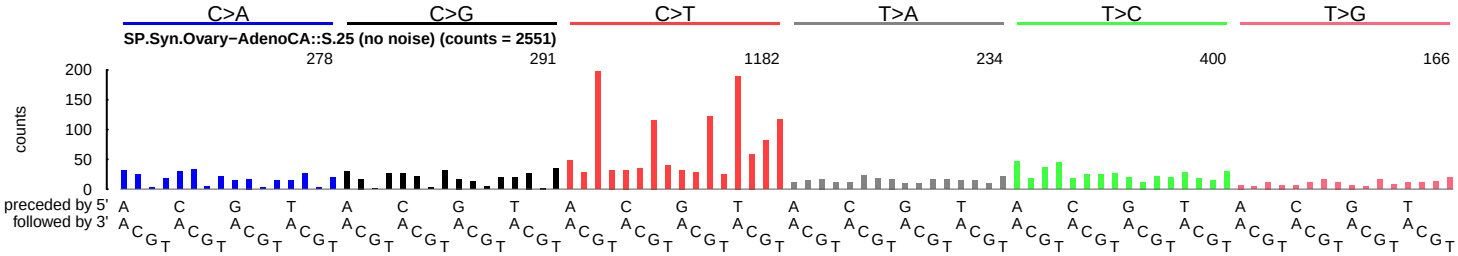

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Ovary−AdenoCA::S.20 (no noise) (counts = 13995)
2627
2559
3053
1830
2428
1498
counts
400
300
200
100
0
preceded by 5'
followed by 3'

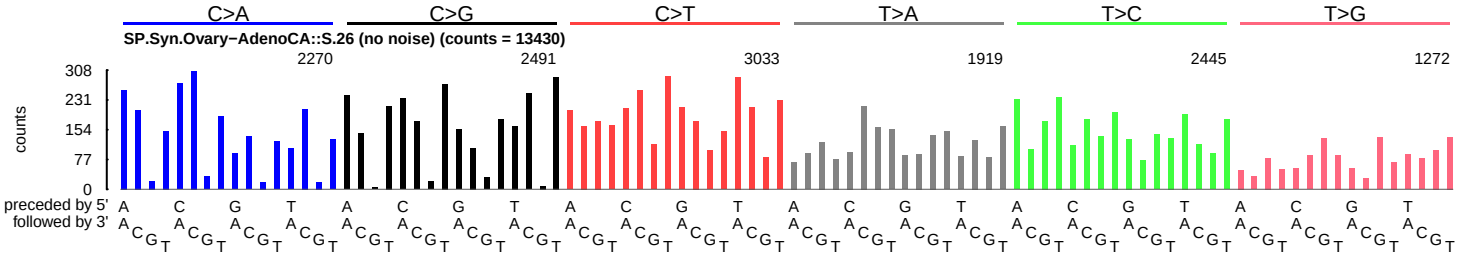

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Ovary−AdenoCA::S.21 (no noise) (counts = 6066)
881
939
1764
734
1223
525
counts
264
198
132
66
0
preceded by 5'
followed by 3'

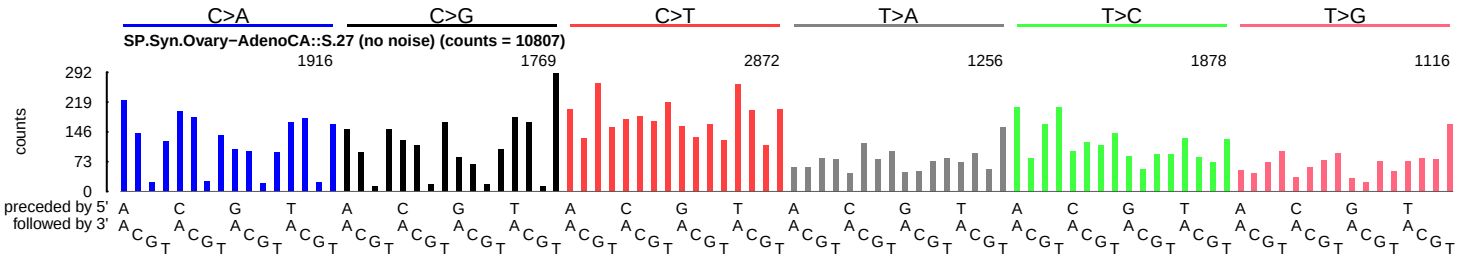

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Ovary−AdenoCA::S.22 (no noise) (counts = 7309)
1437
1194
1851
942
1255
630
counts
268
201
134
67
0
preceded by 5'
followed by 3'

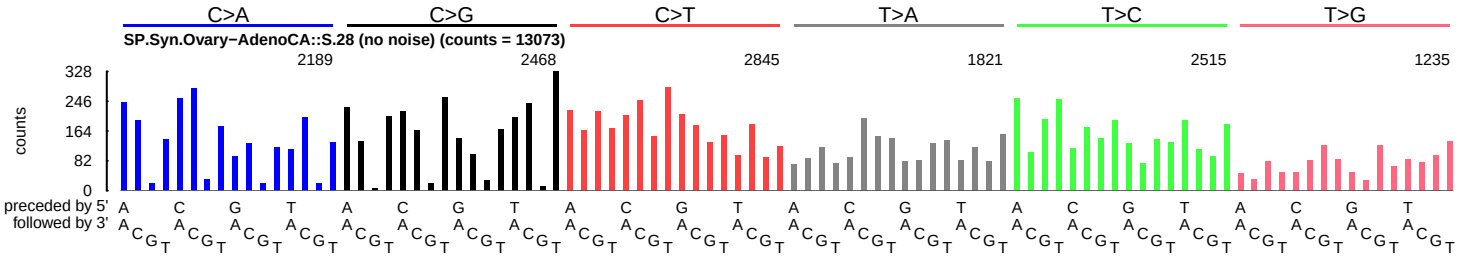

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Ovary−AdenoCA::S.23 (no noise) (counts = 1460)
207
229
518
178
215
113
counts
132
99
66
33
0
preceded by 5'
followed by 3'

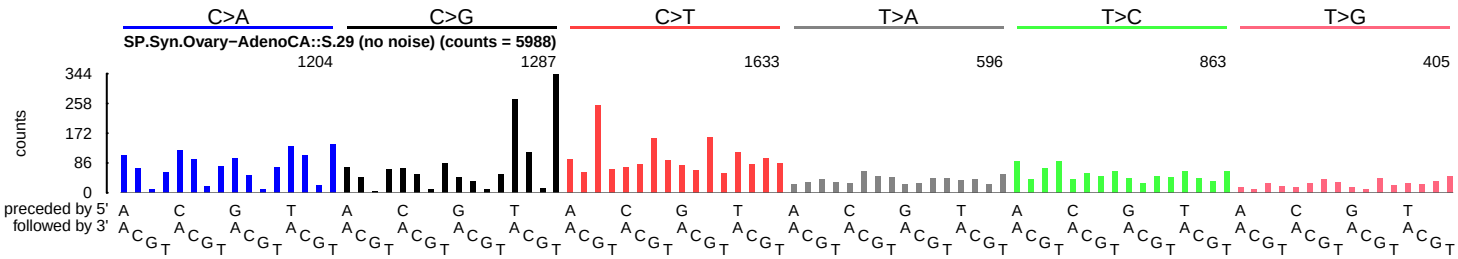

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Ovary−AdenoCA::S.24 (no noise) (counts = 4190)
698
836
1010
580
691
375
counts
156
117
78
39
0
preceded by 5'
followed by 3'

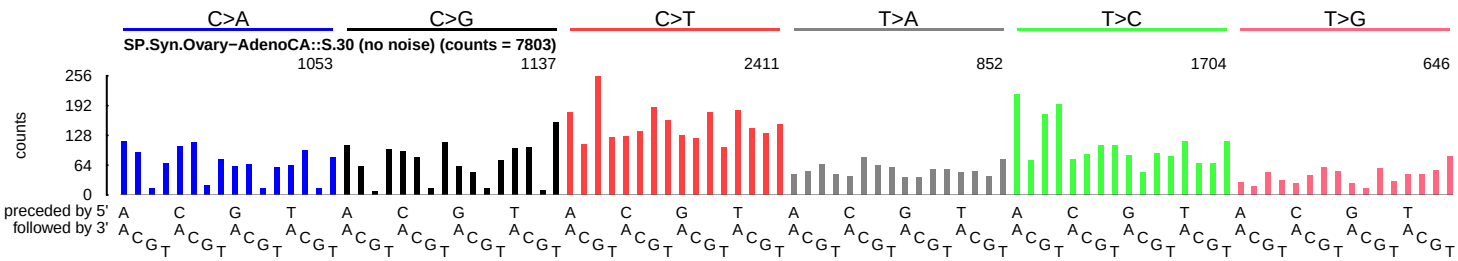

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Ovary−AdenoCA::S.25 (no noise) (counts = 2551)
278
291
1182
234
400
166
counts
200
150
100
50
0
preceded by 5'
followed by 3'

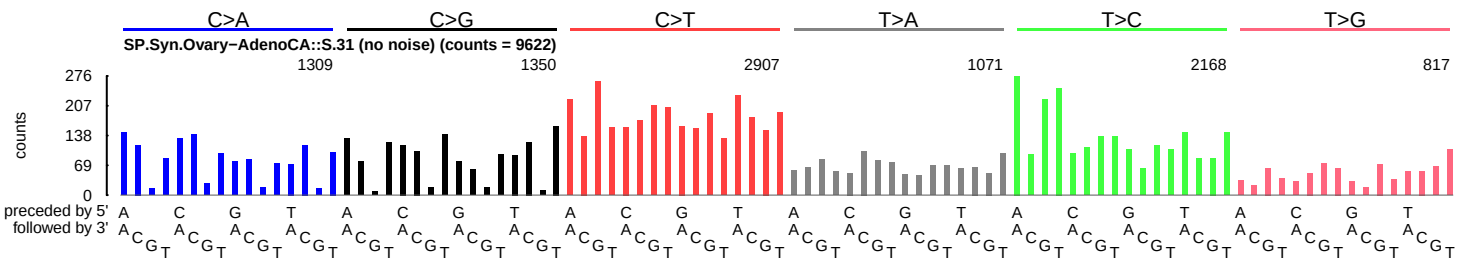

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Ovary−AdenoCA::S.26 (no noise) (counts = 13430)
2270
2491
3033
1919
2445
1272
counts
308
231
154
77
0
preceded by 5'
followed by 3'

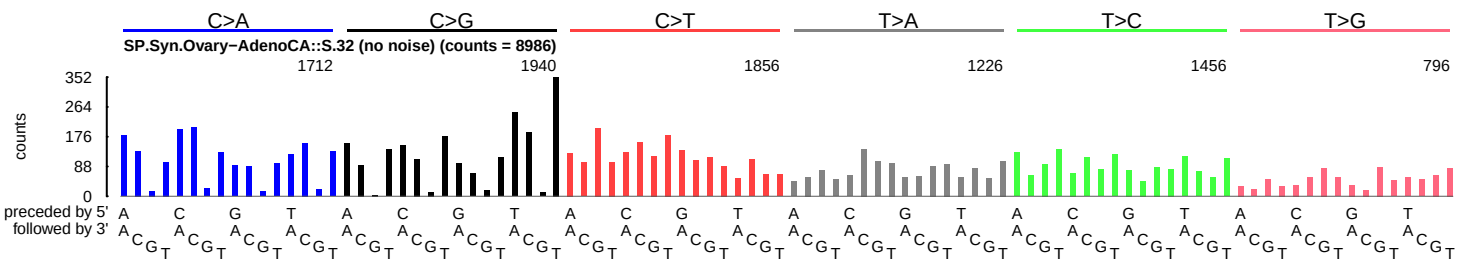

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Ovary−AdenoCA::S.27 (no noise) (counts = 10807)
1916
1769
2872
1256
1878
1116
counts
292
219
146
73
0
preceded by 5'
followed by 3'

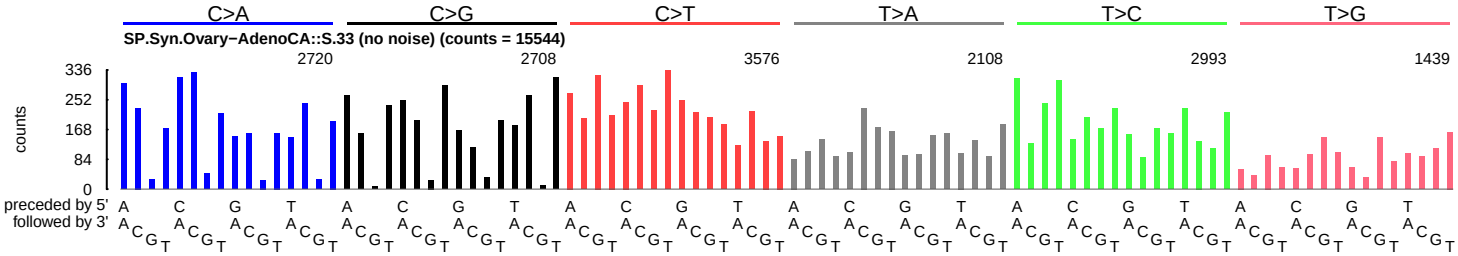

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Ovary−AdenoCA::S.28 (no noise) (counts = 13073)
2189
2468
2845
1821
2515
1235
counts
328
246
164
82
0
preceded by 5'
followed by 3'

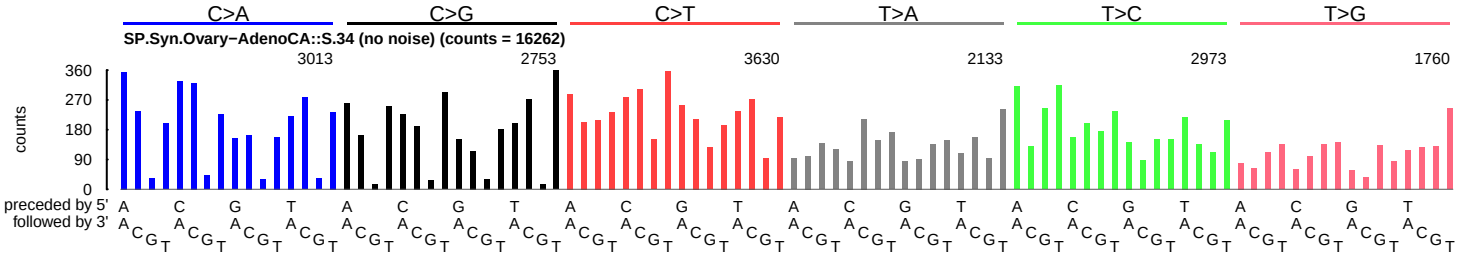

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Ovary−AdenoCA::S.29 (no noise) (counts = 5988)
1204
1287
1633
596
863
405
counts
344
258
172
86
0
preceded by 5'
followed by 3'

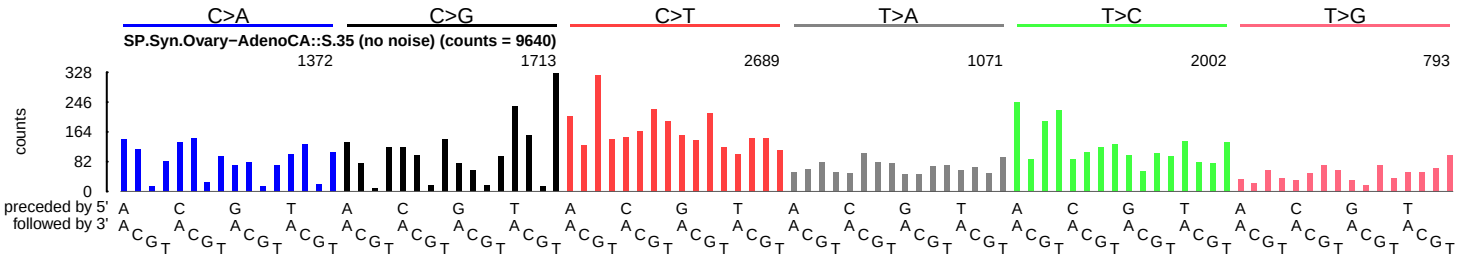

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Ovary−AdenoCA::S.30 (no noise) (counts = 7803)
1053
1137
2411
852
1704
646
counts
256
192
128
64
0
preceded by 5'
followed by 3'

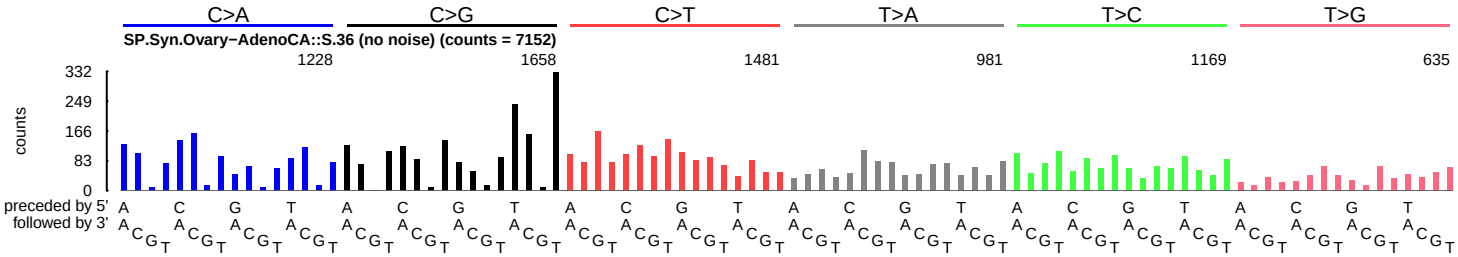

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Ovary−AdenoCA::S.31 (no noise) (counts = 9622)
1309
1350
2907
1071
2168
817
counts
276
207
138
69
0
preceded by 5'
followed by 3'

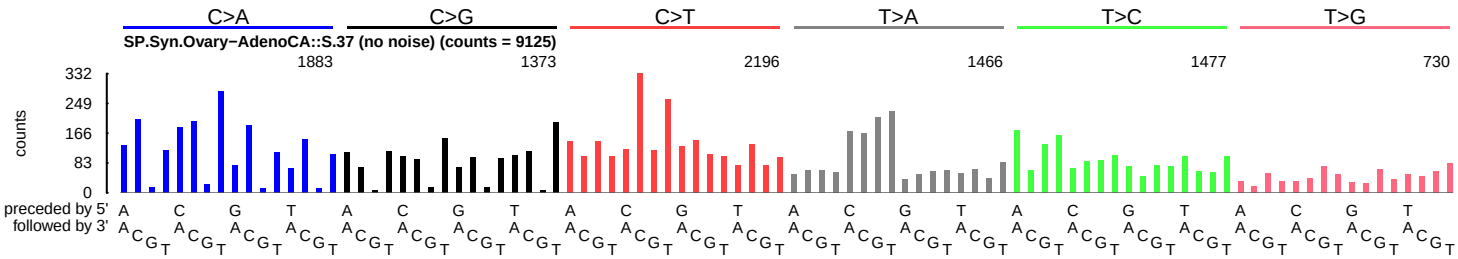

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Ovary−AdenoCA::S.32 (no noise) (counts = 8986)
1712
1940
1856
1226
1456
796
counts
352
264
176
88
0
preceded by 5'
followed by 3'

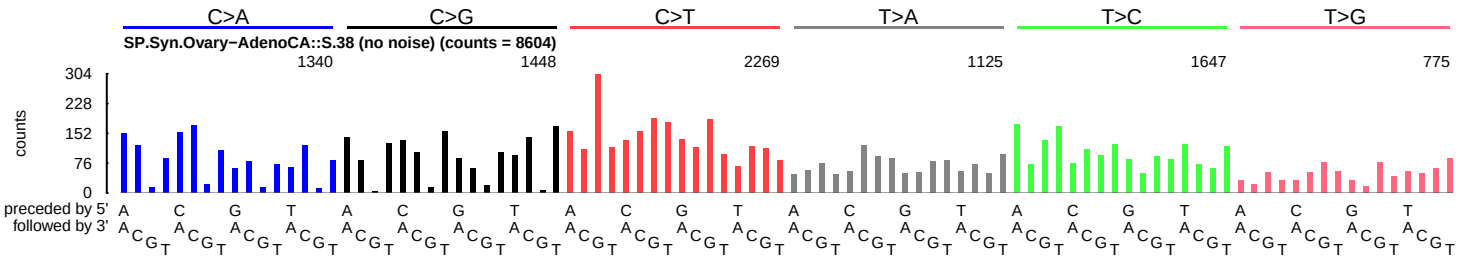

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Ovary−AdenoCA::S.33 (no noise) (counts = 15544)
2720
2708
3576
2108
2993
1439
counts
336
252
168
84
0
preceded by 5'
followed by 3'

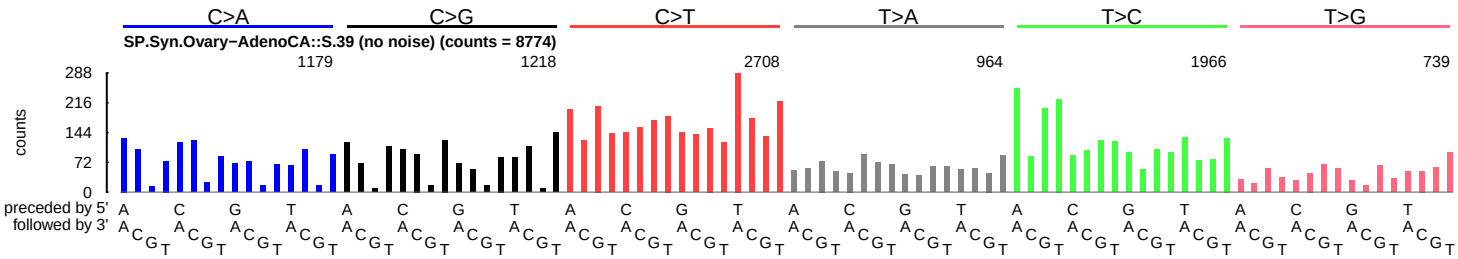

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Ovary−AdenoCA::S.34 (no noise) (counts = 16262)
3013
2753
3630
2133
2973
1760
counts
360
270
180
90
0
preceded by 5'
followed by 3'

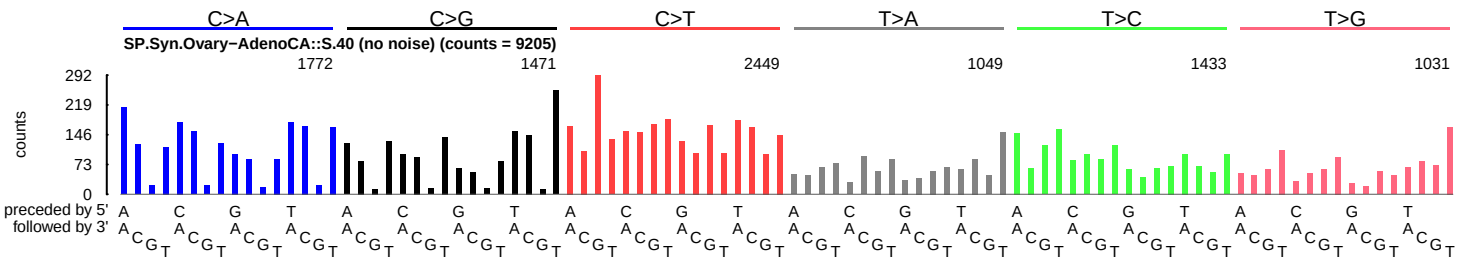

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Ovary−AdenoCA::S.35 (no noise) (counts = 9640)
1372
1713
2689
1071
2002
793
counts
328
246
164
82
0
preceded by 5'
followed by 3'

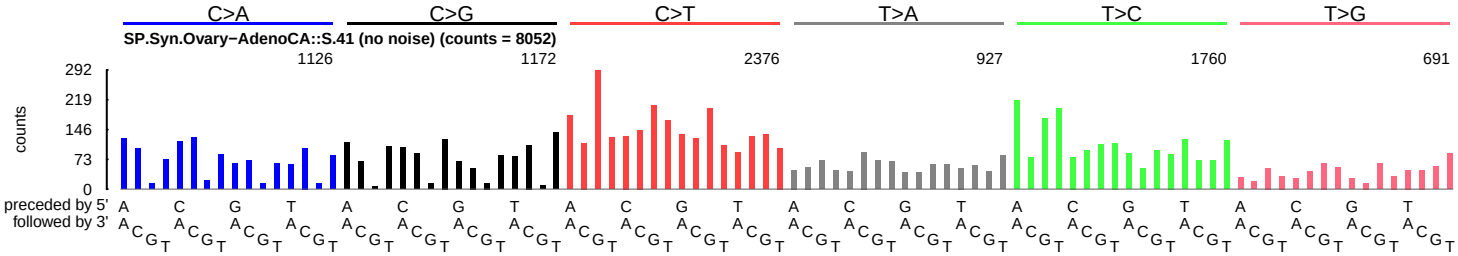

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Ovary−AdenoCA::S.36 (no noise) (counts = 7152)
1228
1658
1481
981
1169
635
counts
332
249
166
83
0
preceded by 5'
followed by 3'

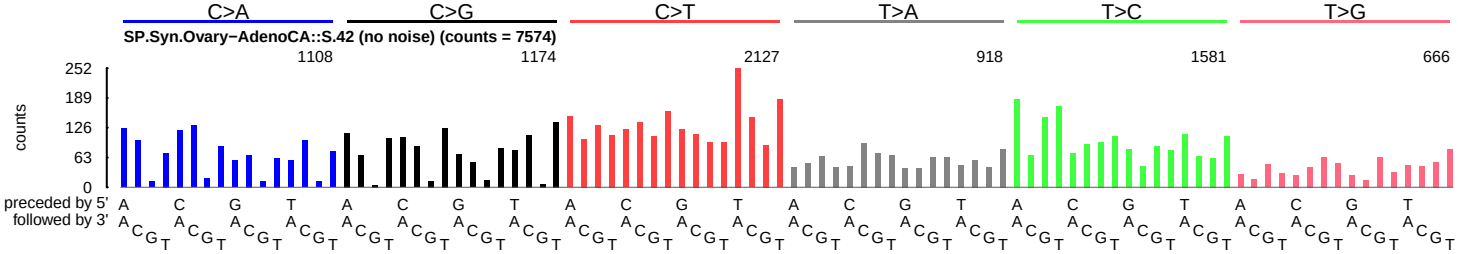

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Ovary−AdenoCA::S.37 (no noise) (counts = 9125)
1883
1373
2196
1466
1477
730
counts
332
249
166
83
0
preceded by 5'
followed by 3'

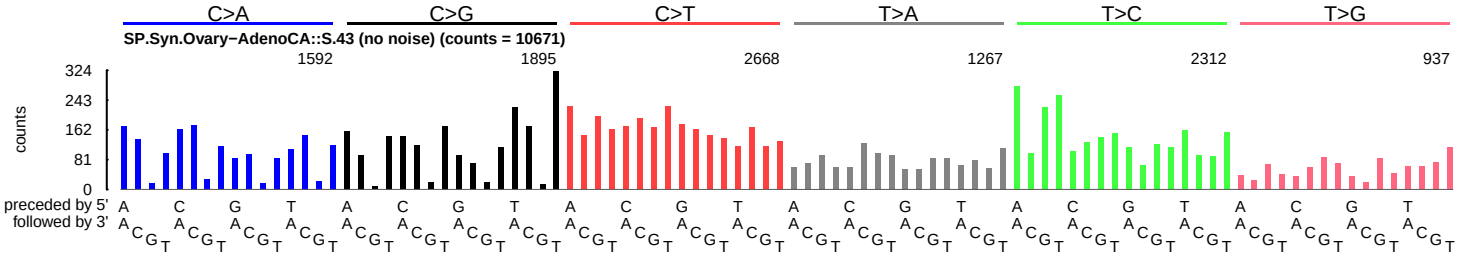

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Ovary−AdenoCA::S.38 (no noise) (counts = 8604)
1340
1448
2269
1125
1647
775
counts
304
228
152
76
0
preceded by 5'
followed by 3'

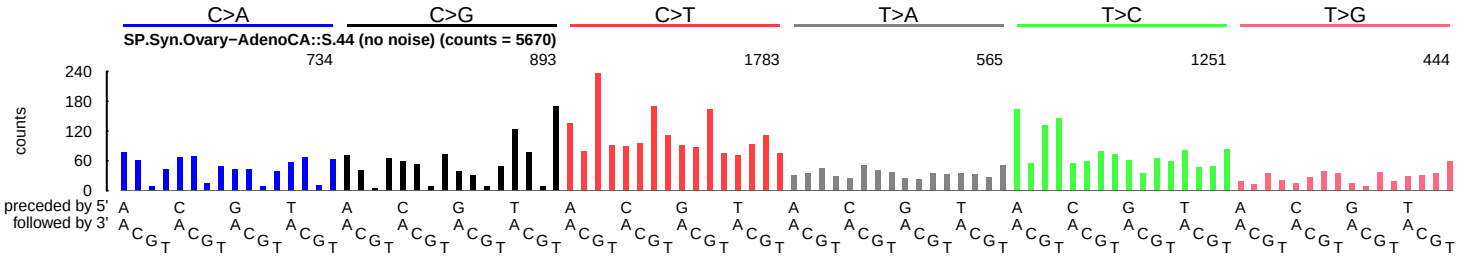

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Ovary−AdenoCA::S.39 (no noise) (counts = 8774)
1179
1218
2708
964
1966
739
counts
288
216
144
72
0
preceded by 5'
followed by 3'

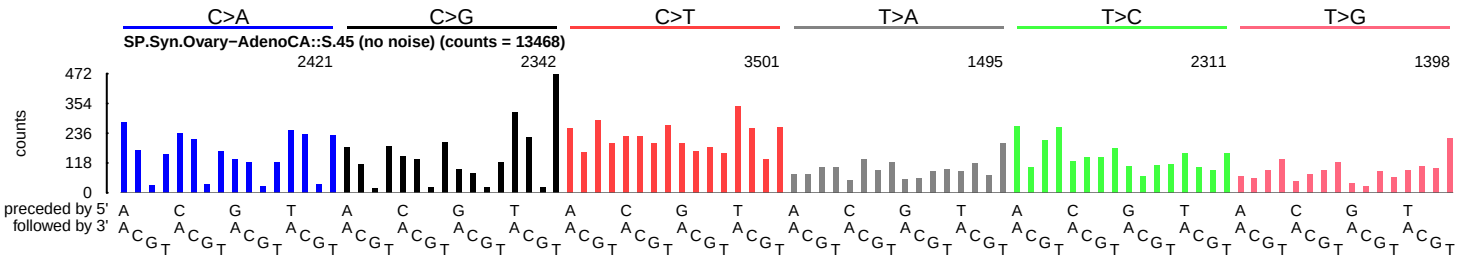

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Ovary−AdenoCA::S.40 (no noise) (counts = 9205)
1772
1471
2449
1049
1433
1031
counts
292
219
146
73
0
preceded by 5'
followed by 3'

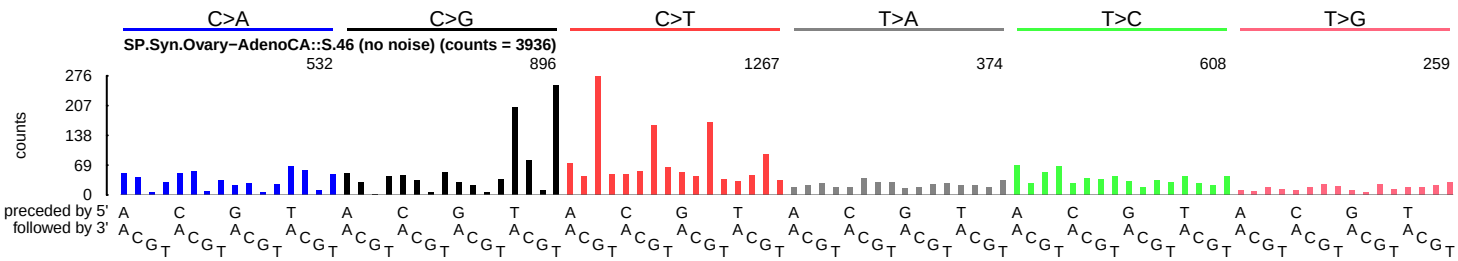

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Ovary−AdenoCA::S.41 (no noise) (counts = 8052)
1126
1172
2376
927
1760
691
counts
292
219
146
73
0
preceded by 5'
followed by 3'

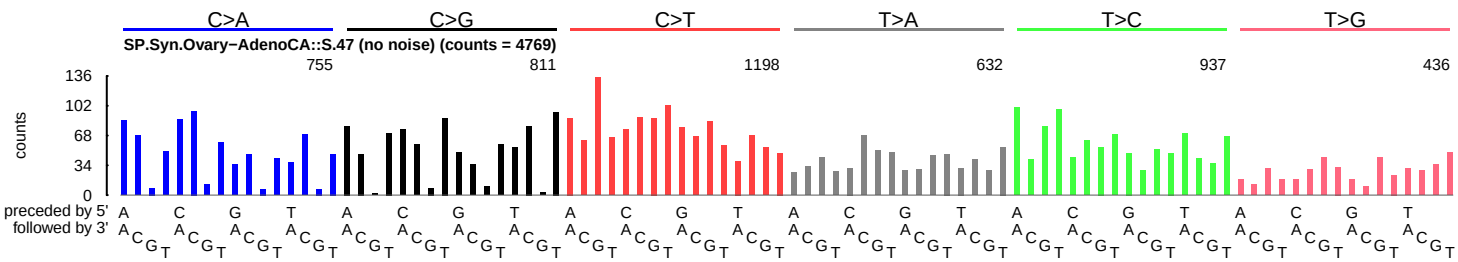

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Ovary−AdenoCA::S.42 (no noise) (counts = 7574)
1108
1174
2127
918
1581
666
counts
252
189
126
63
0
preceded by 5'
followed by 3'

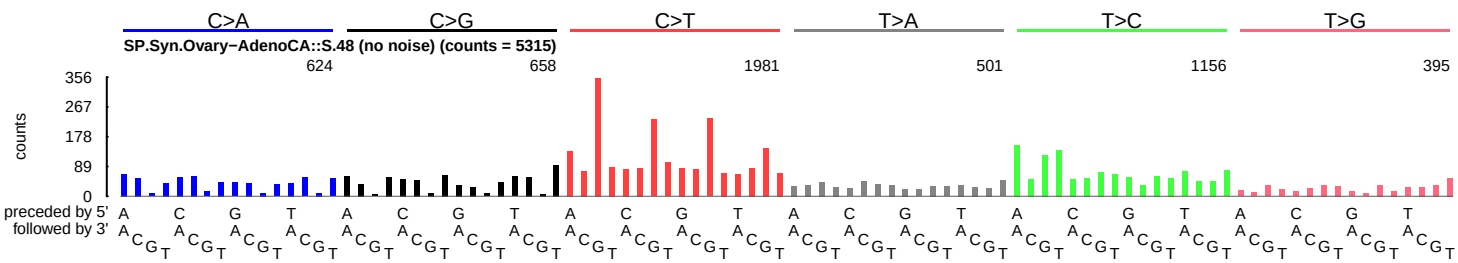

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Ovary−AdenoCA::S.43 (no noise) (counts = 10671)
1592
1895
2668
1267
2312
937
counts
324
243
162
81
0
preceded by 5'
followed by 3'

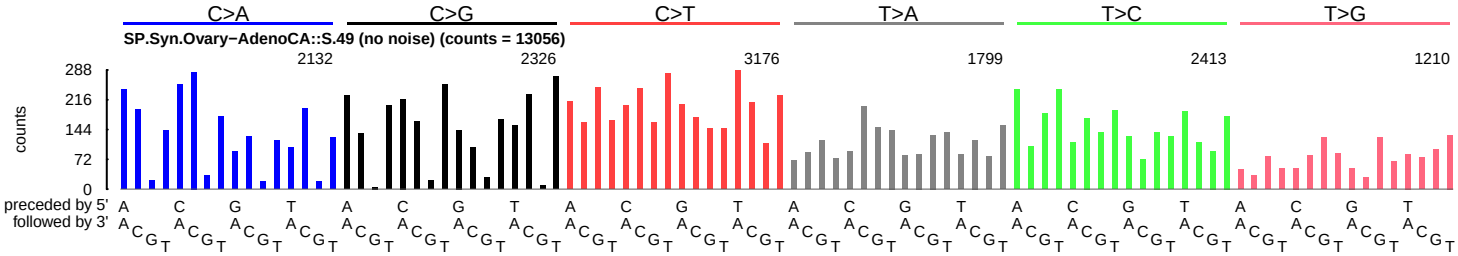

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Ovary−AdenoCA::S.44 (no noise) (counts = 5670)
734
893
1783
565
1251
444
counts
240
180
120
60
0
preceded by 5'
followed by 3'

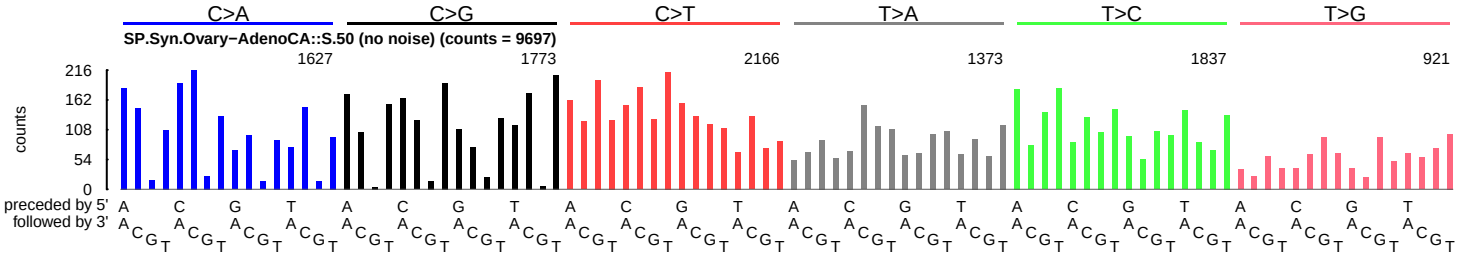

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Ovary−AdenoCA::S.45 (no noise) (counts = 13468)
2421
2342
3501
1495
2311
1398
counts
472
354
236
118
0
preceded by 5'
followed by 3'

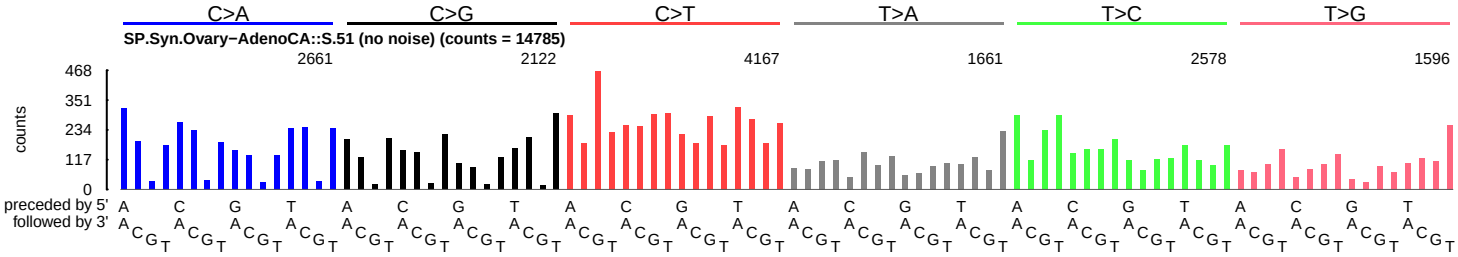

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Ovary−AdenoCA::S.46 (no noise) (counts = 3936)
532
896
1267
374
608
259
counts
276
207
138
69
0
preceded by 5'
followed by 3'

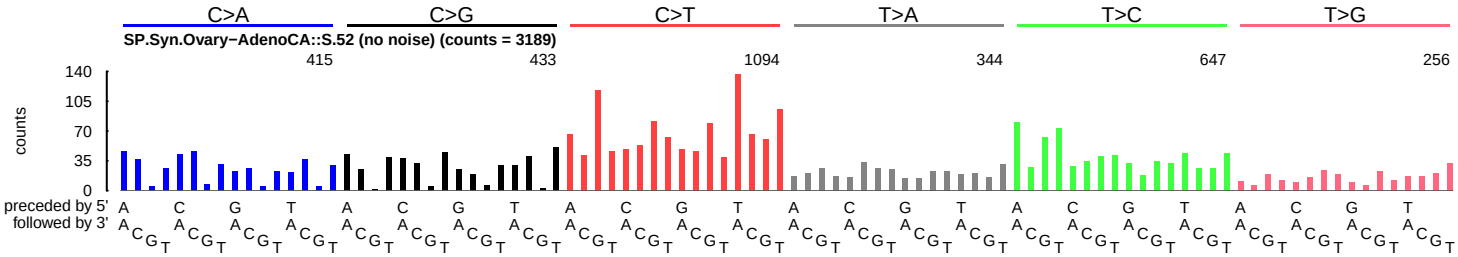

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Ovary−AdenoCA::S.47 (no noise) (counts = 4769)
755
811
1198
632
937
436
counts
136
102
68
34
0
preceded by 5'
followed by 3'

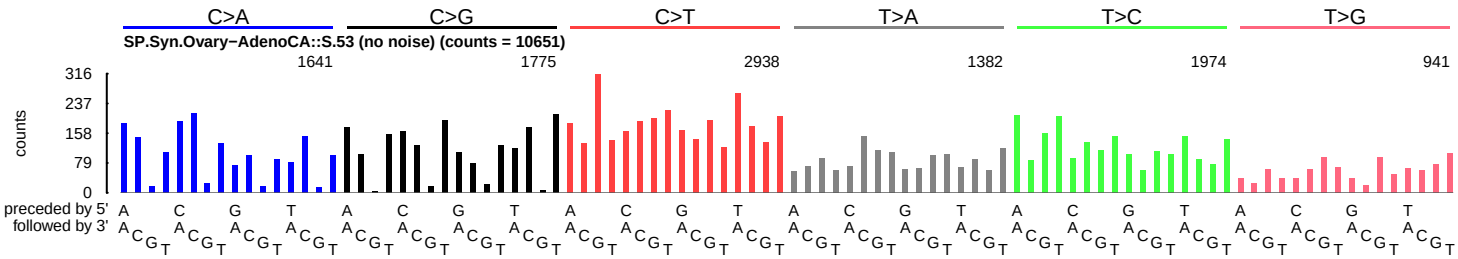

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Ovary−AdenoCA::S.48 (no noise) (counts = 5315)
624
658
1981
501
1156
395
counts
356
267
178
89
0
preceded by 5'
followed by 3'

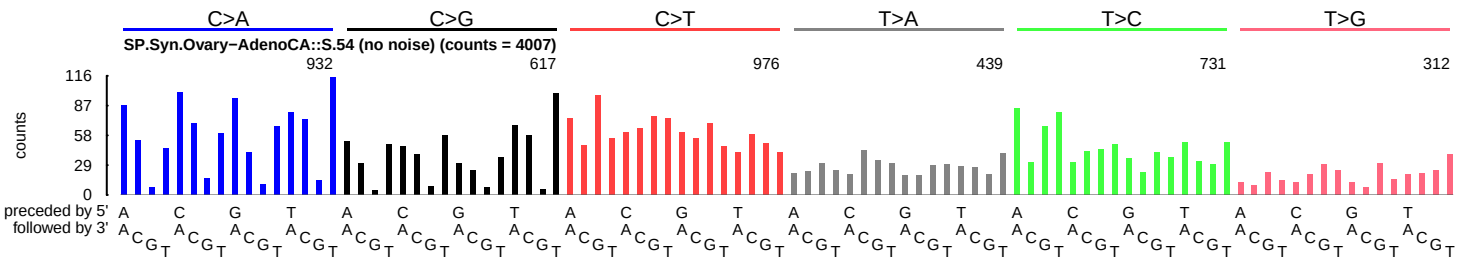

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Ovary−AdenoCA::S.49 (no noise) (counts = 13056)
2132
2326
3176
1799
2413
1210
counts
288
216
144
72
0
preceded by 5'
followed by 3'

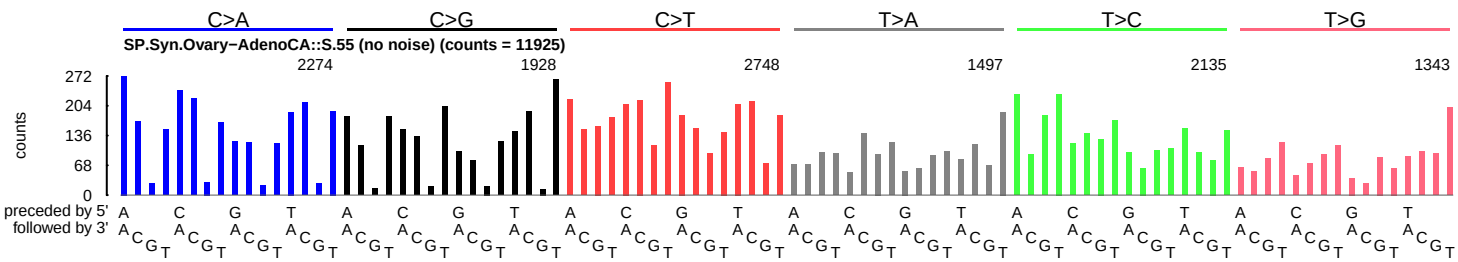

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Ovary−AdenoCA::S.50 (no noise) (counts = 9697)
1627
1773
2166
1373
1837
921
counts
216
162
108
54
0
preceded by 5'
followed by 3'

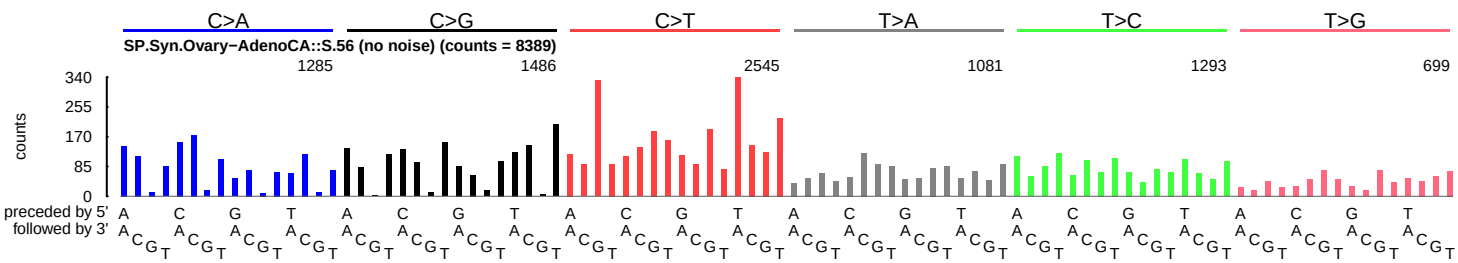

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Ovary−AdenoCA::S.51 (no noise) (counts = 14785)
2661
2122
4167
1661
2578
1596
counts
468
351
234
117
0
preceded by 5'
followed by 3'

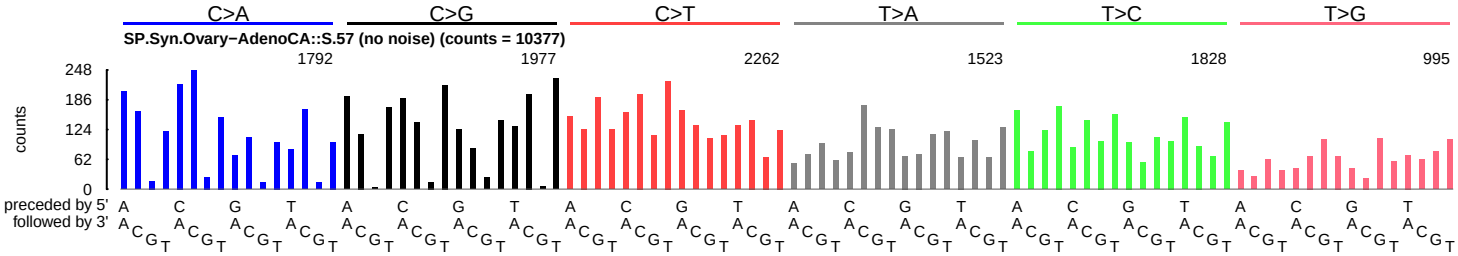

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Ovary−AdenoCA::S.52 (no noise) (counts = 3189)
415
433
1094
344
647
256
counts
140
105
70
35
0
preceded by 5'
followed by 3'

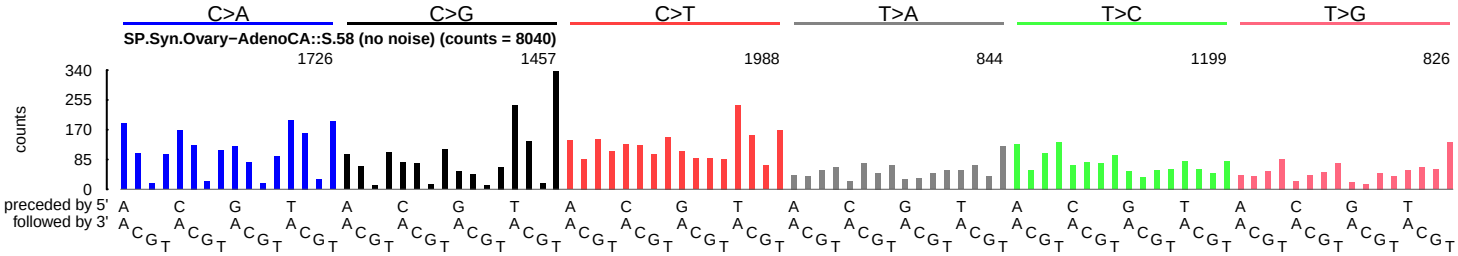

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Ovary−AdenoCA::S.53 (no noise) (counts = 10651)
1641
1775
2938
1382
1974
941
counts
316
237
158
79
0
preceded by 5'
followed by 3'

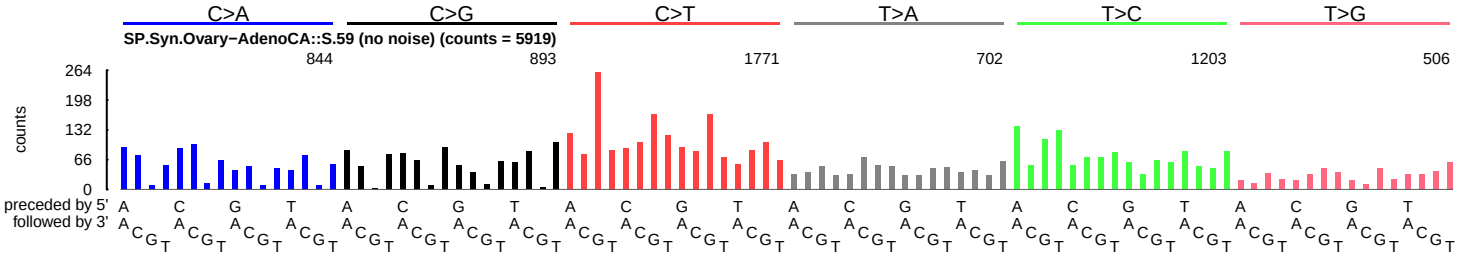

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Ovary−AdenoCA::S.54 (no noise) (counts = 4007)
932
617
976
439
731
312
counts
116
87
58
29
0
preceded by 5'
followed by 3'

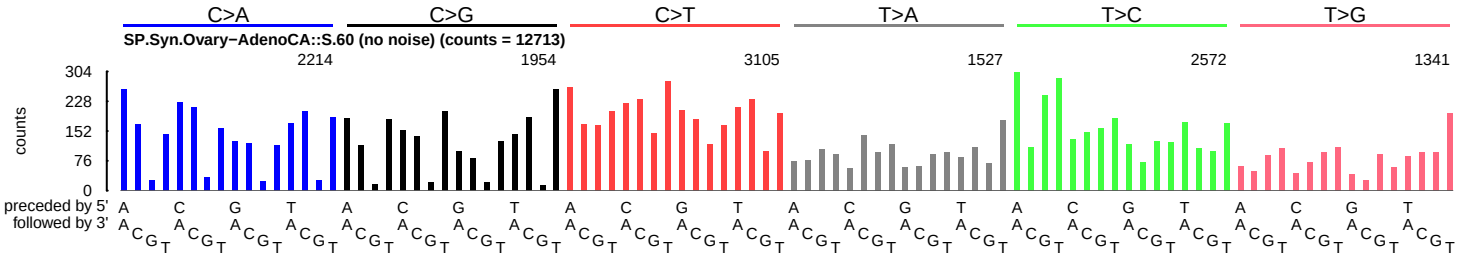

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Ovary−AdenoCA::S.55 (no noise) (counts = 11925)
2274
1928
2748
1497
2135
1343
counts
272
204
136
68
0
preceded by 5'
followed by 3'

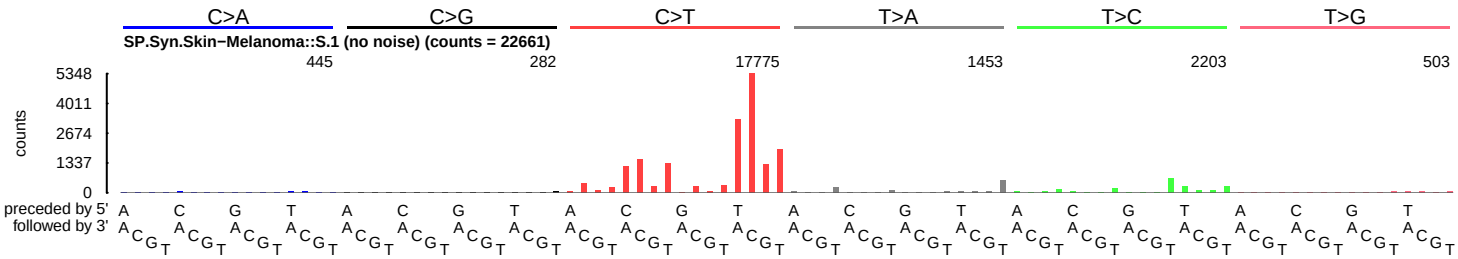

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Ovary−AdenoCA::S.56 (no noise) (counts = 8389)
1285
1486
2545
1081
1293
699
counts
340
255
170
85
0
preceded by 5'
followed by 3'

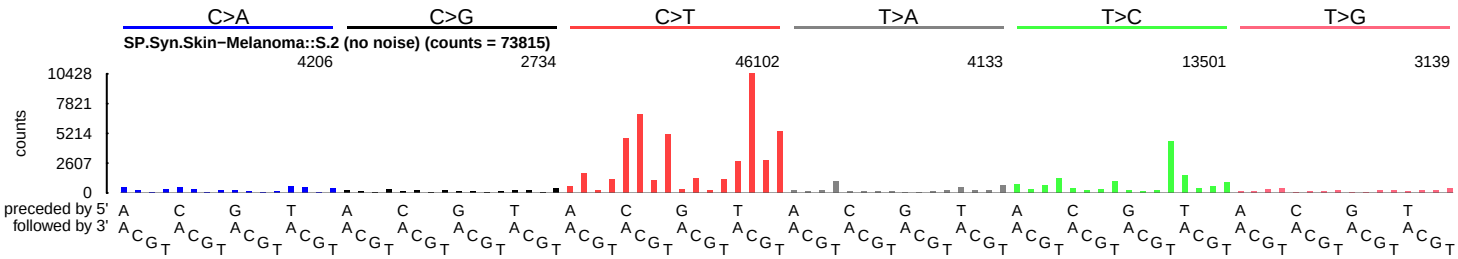

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Ovary−AdenoCA::S.57 (no noise) (counts = 10377)
1792
1977
2262
1523
1828
995
counts
248
186
124
62
0
preceded by 5'
followed by 3'

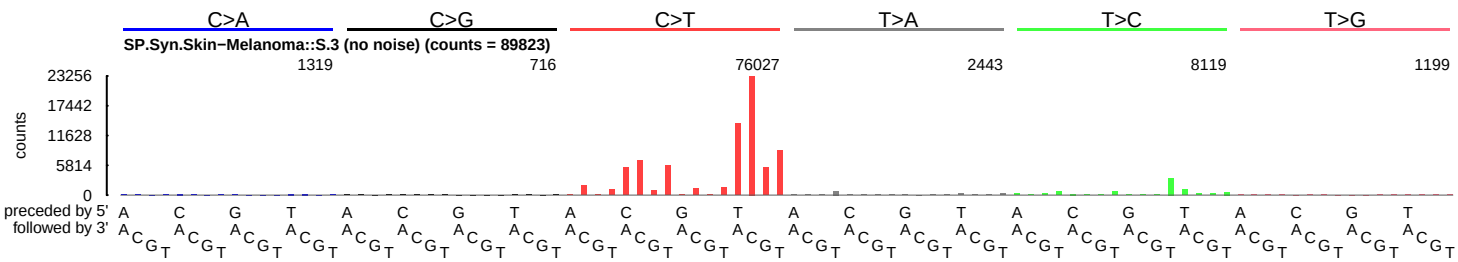

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Ovary−AdenoCA::S.58 (no noise) (counts = 8040)
1726
1457
1988
844
1199
826
counts
340
255
170
85
0
preceded by 5'
followed by 3'

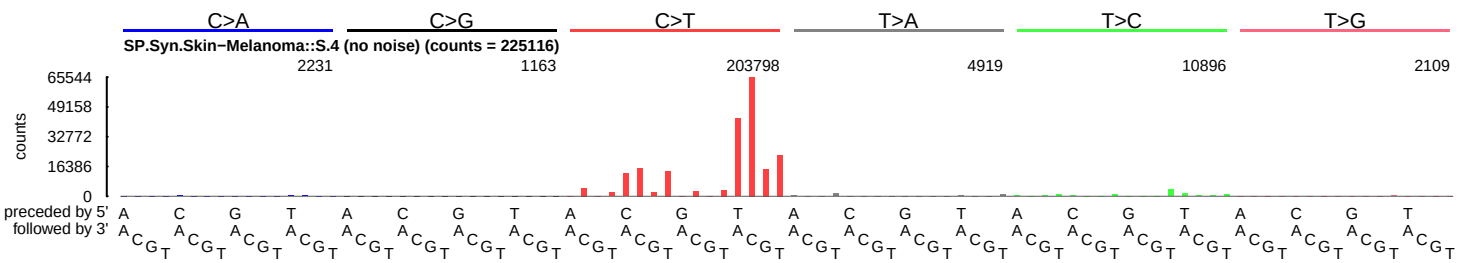

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Ovary−AdenoCA::S.59 (no noise) (counts = 5919)
844
893
1771
702
1203
506
counts
264
198
132
66
0
preceded by 5'
followed by 3'

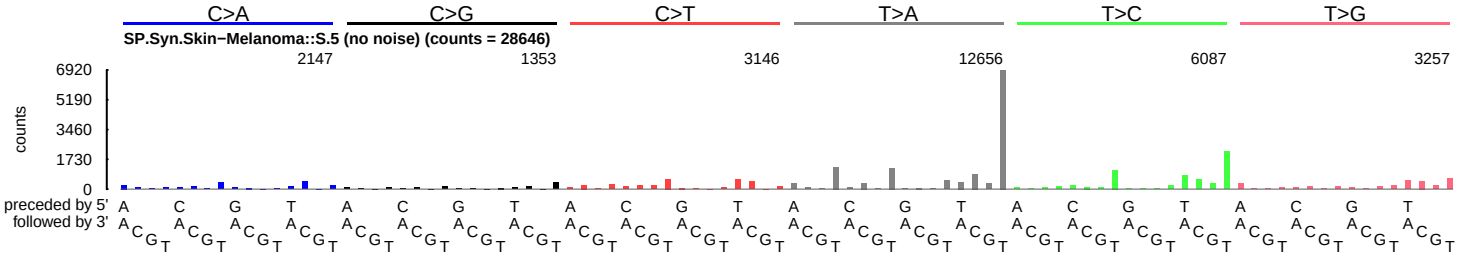

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Ovary−AdenoCA::S.60 (no noise) (counts = 12713)
2214
1954
3105
1527
2572
1341
counts
304
228
152
76
0
preceded by 5'
followed by 3'

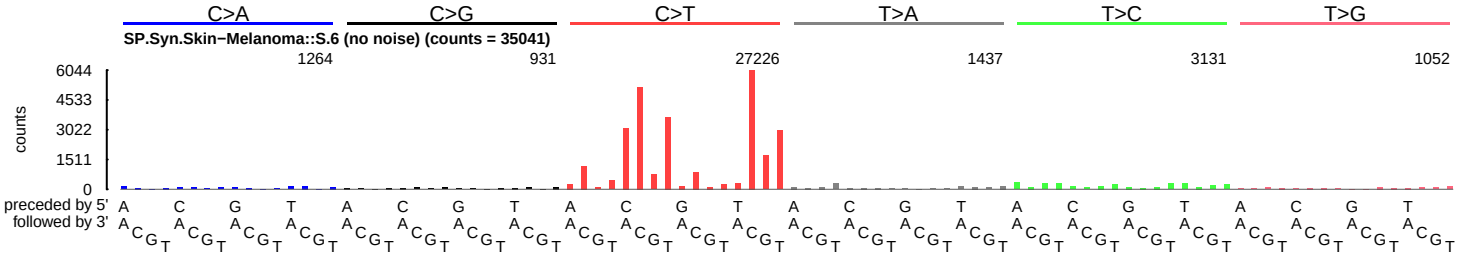

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Skin−Melanoma::S.1 (no noise) (counts = 22661)
445
282
17775
1453
2203
503
counts
5348
4011
2674
1337
0
preceded by 5'
followed by 3'

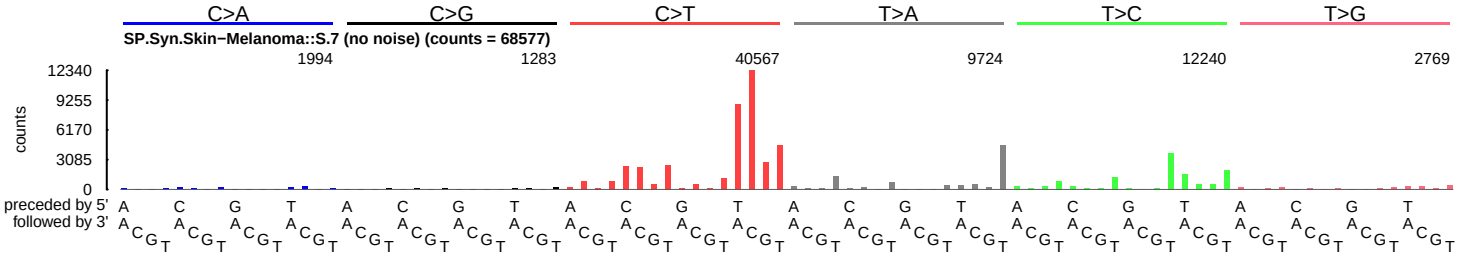

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Skin−Melanoma::S.2 (no noise) (counts = 73815)
4206
2734
46102
4133
13501
3139
counts
10428
7821
5214
2607
0
preceded by 5'
followed by 3'

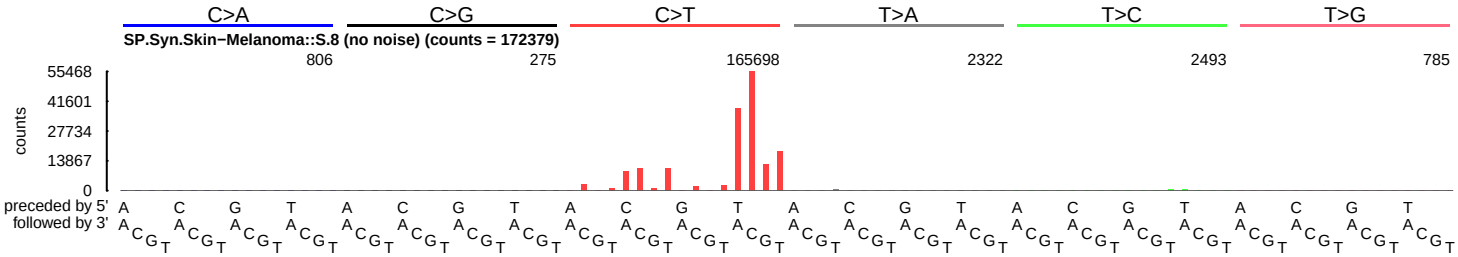

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Skin−Melanoma::S.3 (no noise) (counts = 89823)
1319
716
76027
2443
8119
1199
counts
23256
17442
11628
5814
0
preceded by 5'
followed by 3'

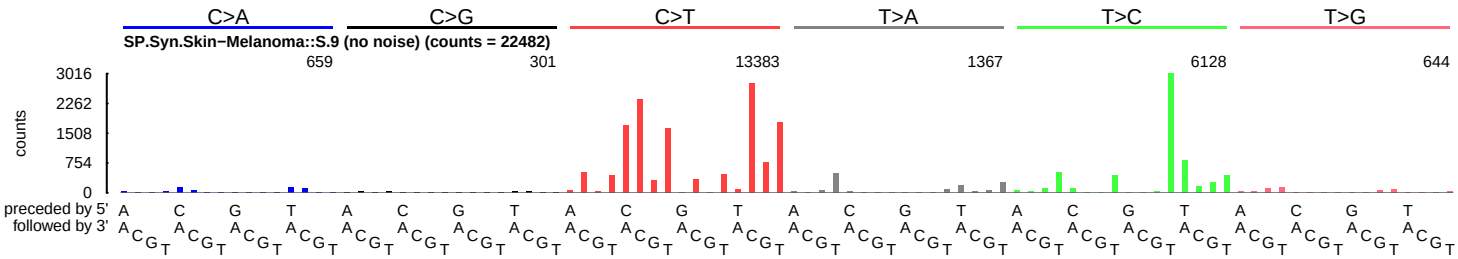

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Skin−Melanoma::S.4 (no noise) (counts = 225116)
2231
1163
203798
4919
10896
2109
counts
65544
49158
32772
16386
0
preceded by 5'
followed by 3'

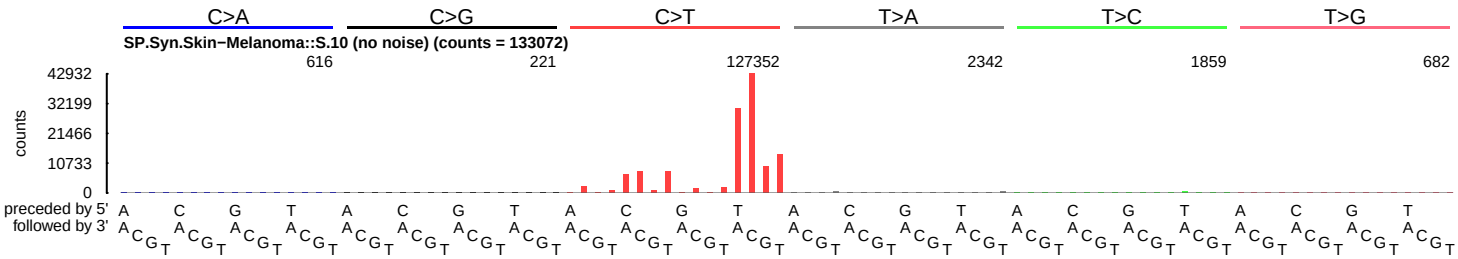

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Skin−Melanoma::S.5 (no noise) (counts = 28646)
2147
1353
3146
12656
6087
3257
counts
6920
5190
3460
1730
0
preceded by 5'
followed by 3'

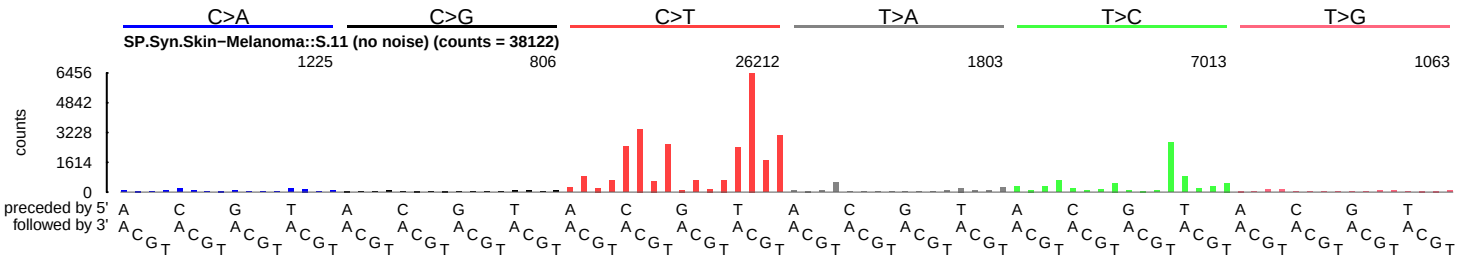

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Skin−Melanoma::S.6 (no noise) (counts = 35041)
1264
931
27226
1437
3131
1052
counts
6044
4533
3022
1511
0
preceded by 5'
followed by 3'

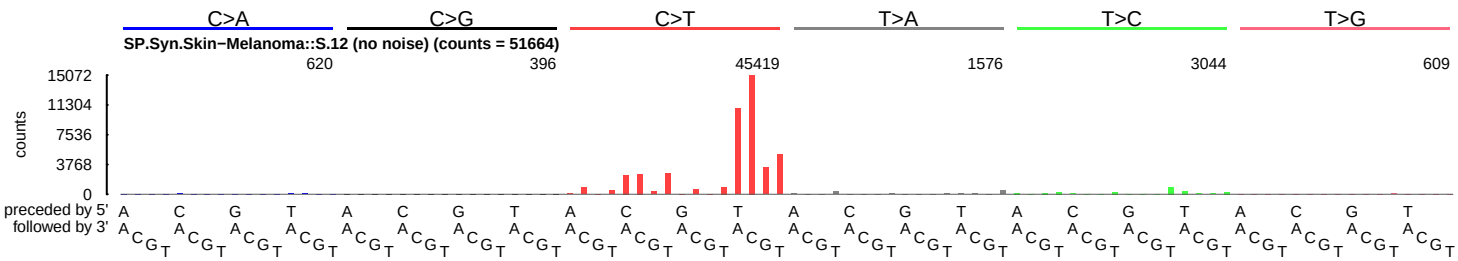

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Skin−Melanoma::S.7 (no noise) (counts = 68577)
1994
1283
40567
9724
12240
2769
counts
12340
9255
6170
3085
0
preceded by 5'
followed by 3'

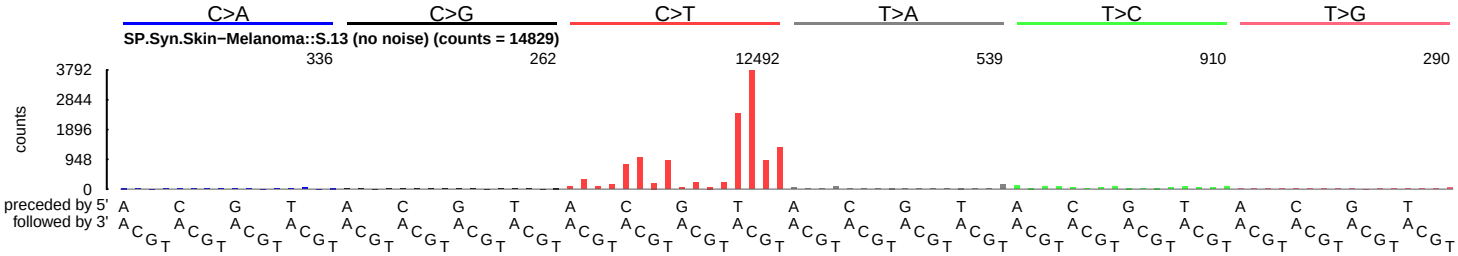

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Skin−Melanoma::S.8 (no noise) (counts = 172379)
806
275
165698
2322
2493
785
counts
55468
41601
27734
13867
0
preceded by 5'
followed by 3'

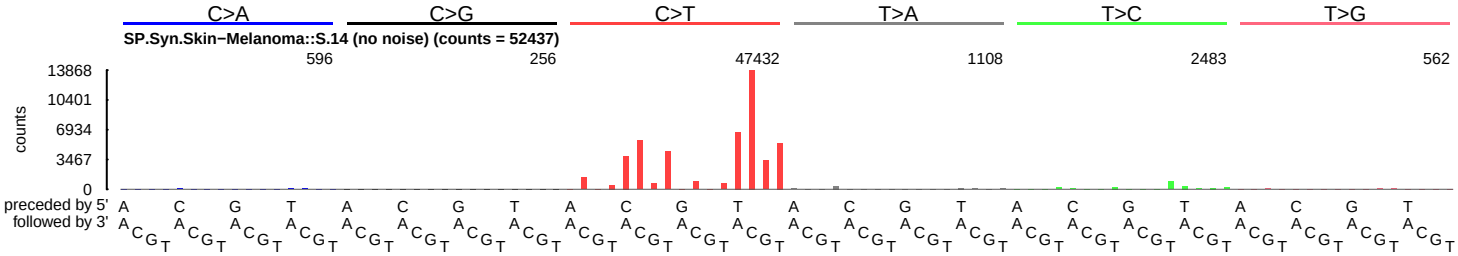

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Skin−Melanoma::S.9 (no noise) (counts = 22482)
659
301
13383
1367
6128
644
counts
3016
2262
1508
754
0
preceded by 5'
followed by 3'

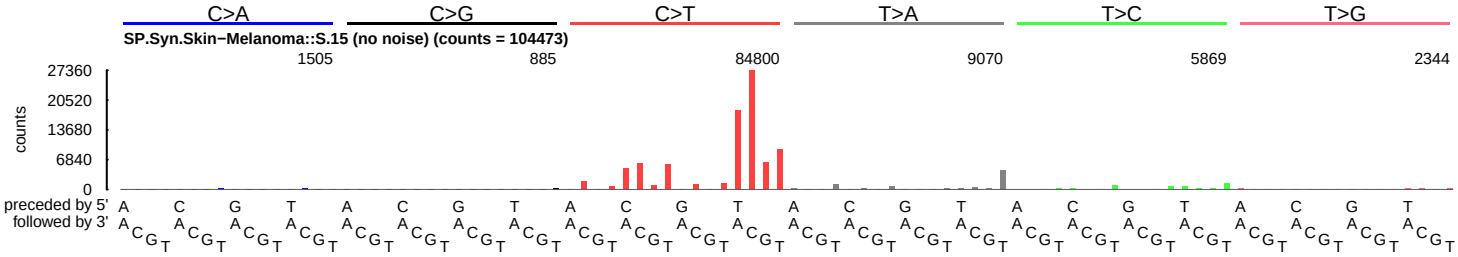

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Skin−Melanoma::S.10 (no noise) (counts = 133072)
616
221
127352
2342
1859
682
counts
42932
32199
21466
10733
0
preceded by 5'
followed by 3'

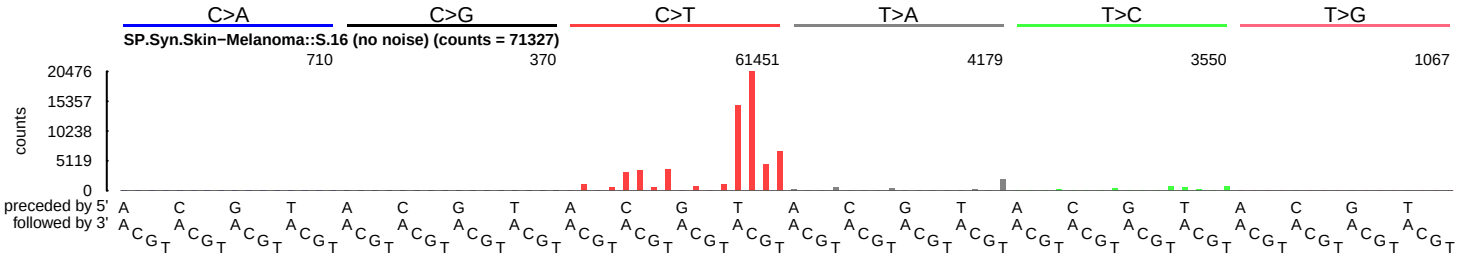

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Skin−Melanoma::S.11 (no noise) (counts = 38122)
1225
806
26212
1803
7013
1063
counts
6456
4842
3228
1614
0
preceded by 5'
followed by 3'

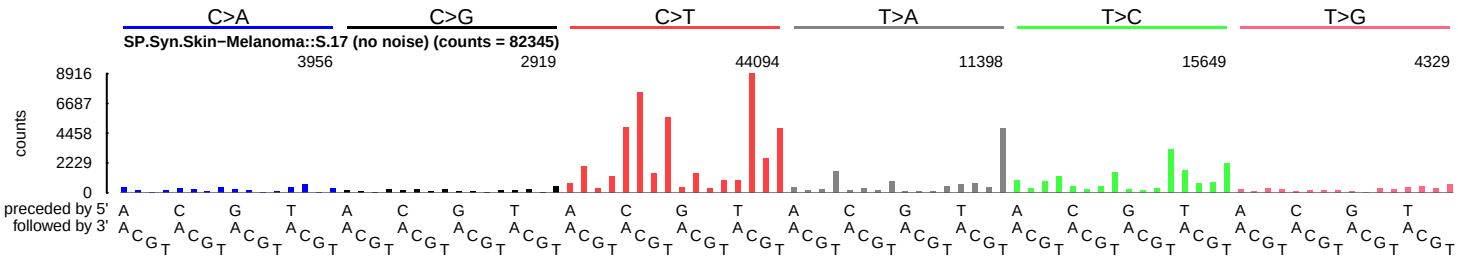

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Skin−Melanoma::S.12 (no noise) (counts = 51664)
620
396
45419
1576
3044
609
counts
15072
11304
7536
3768
0
preceded by 5'
followed by 3'

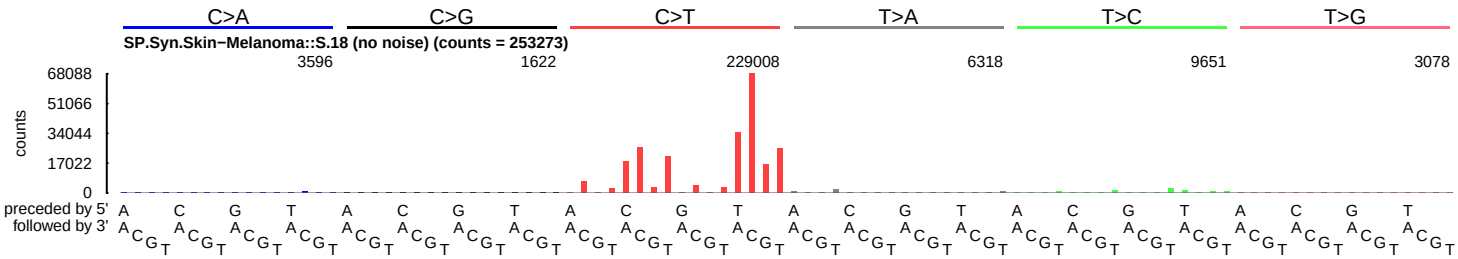

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Skin−Melanoma::S.13 (no noise) (counts = 14829)
336
262
12492
539
910
290
counts
3792
2844
1896
948
0
preceded by 5'
followed by 3'

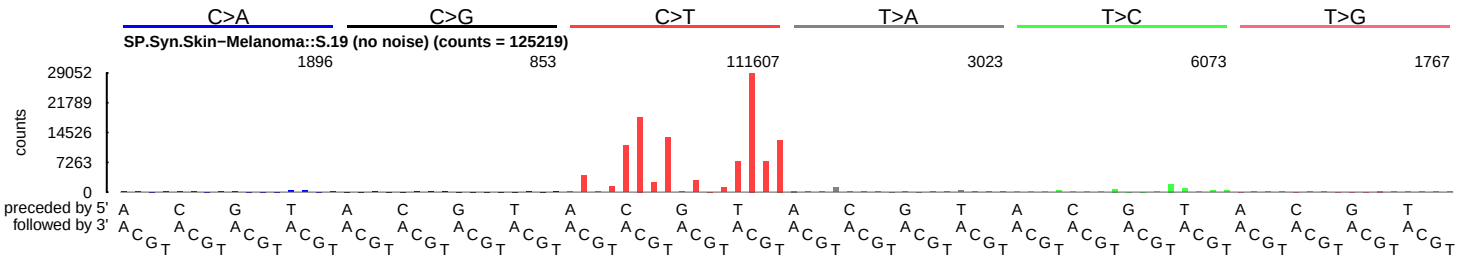

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Skin−Melanoma::S.14 (no noise) (counts = 52437)
596
256
47432
1108
2483
562
counts
13868
10401
6934
3467
0
preceded by 5'
followed by 3'

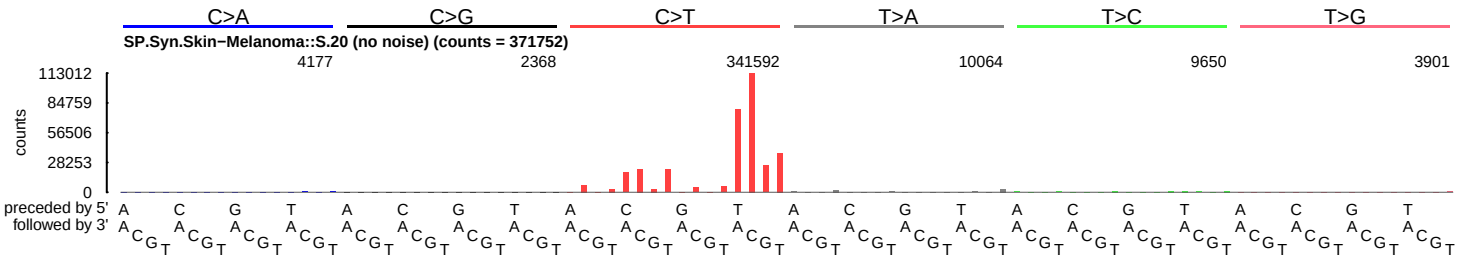

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Skin−Melanoma::S.15 (no noise) (counts = 104473)
1505
885
84800
9070
5869
2344
counts
27360
20520
13680
6840
0
preceded by 5'
followed by 3'

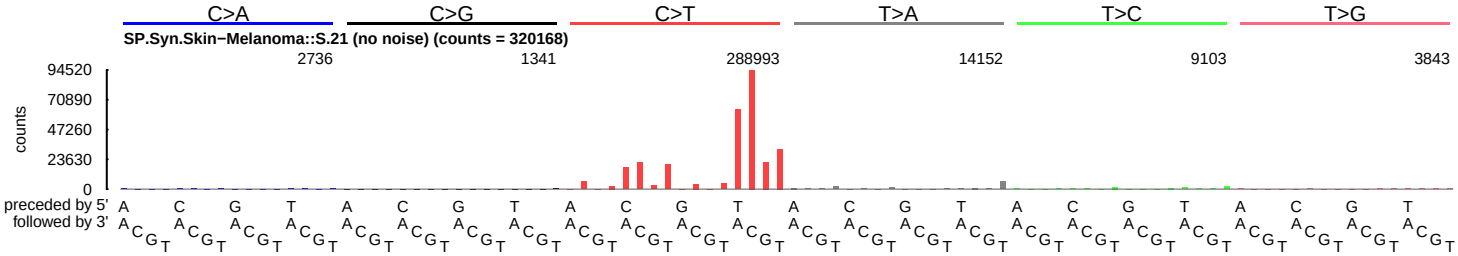

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Skin−Melanoma::S.16 (no noise) (counts = 71327)
710
370
61451
4179
3550
1067
counts
20476
15357
10238
5119
0
preceded by 5'
followed by 3'

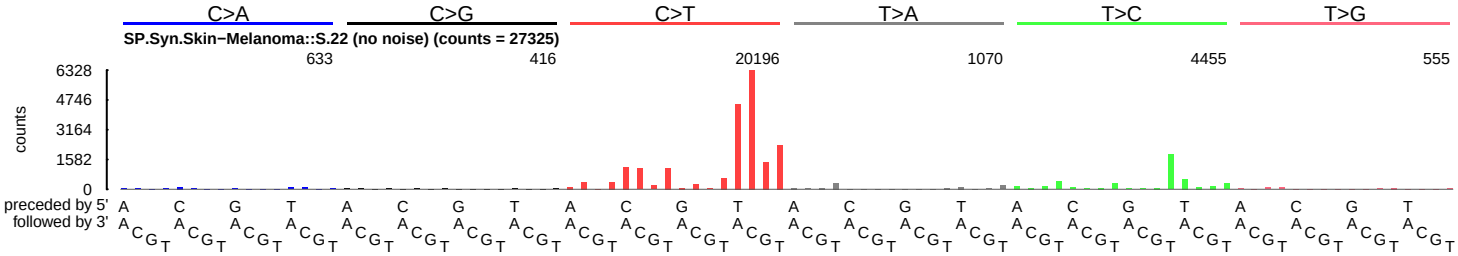

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Skin−Melanoma::S.17 (no noise) (counts = 82345)
3956
2919
44094
11398
15649
4329
counts
8916
6687
4458
2229
0
preceded by 5'
followed by 3'

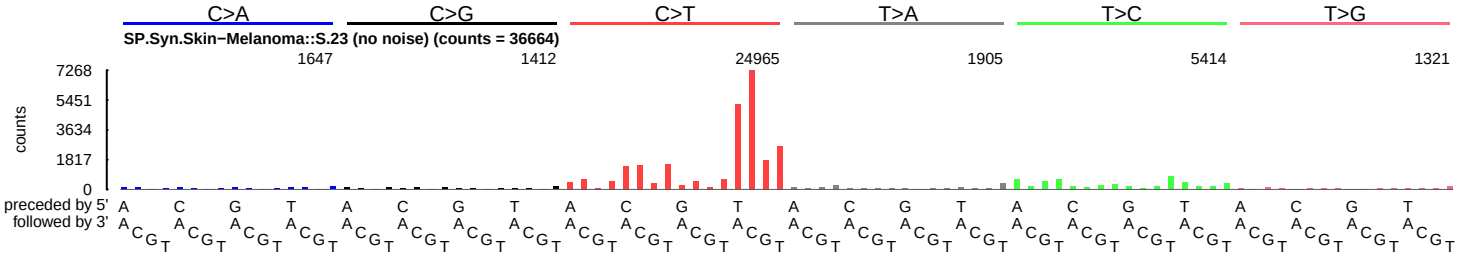

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Skin−Melanoma::S.18 (no noise) (counts = 253273)
3596
1622
229008
6318
9651
3078
counts
68088
51066
34044
17022
0
preceded by 5'
followed by 3'

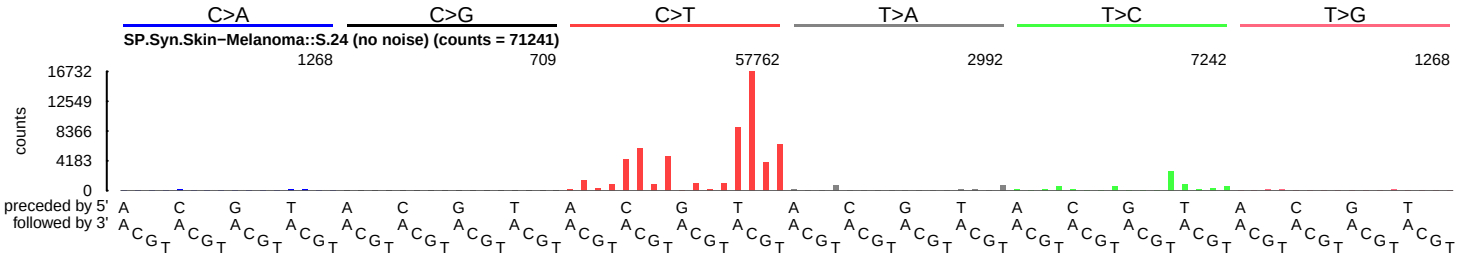

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Skin−Melanoma::S.19 (no noise) (counts = 125219)
1896
853
111607
3023
6073
1767
counts
29052
21789
14526
7263
0
preceded by 5'
followed by 3'

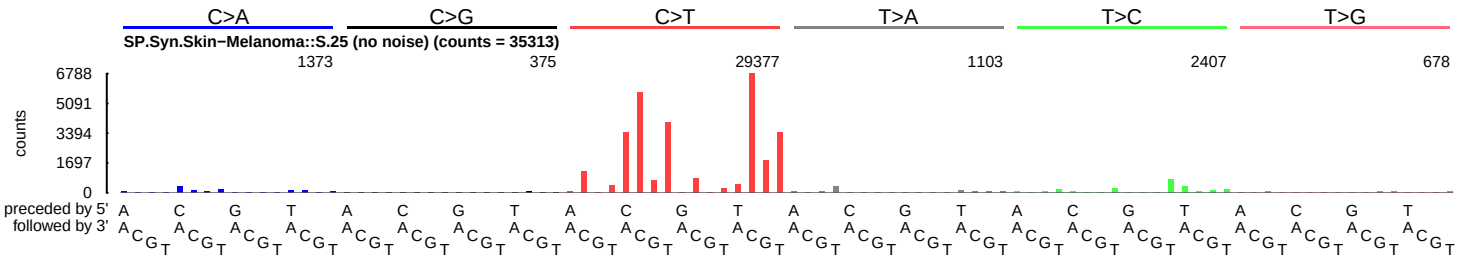

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Skin−Melanoma::S.20 (no noise) (counts = 371752)
4177
2368
341592
10064
9650
3901
counts
113012
84759
56506
28253
0
preceded by 5'
followed by 3'

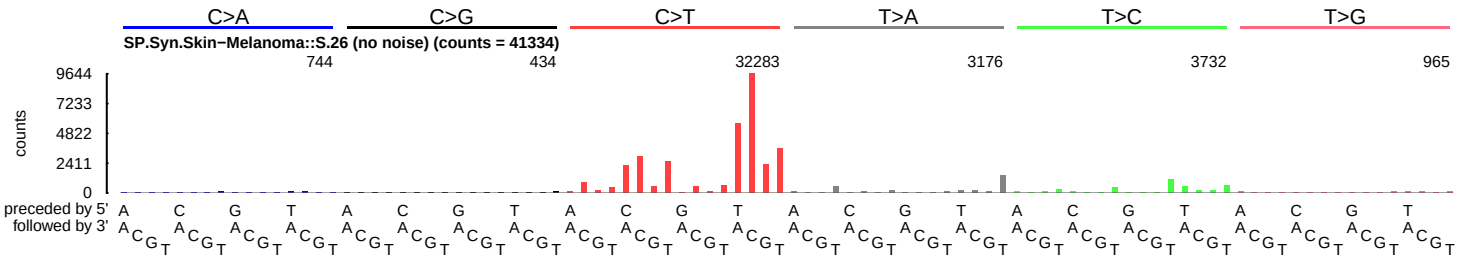

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Skin−Melanoma::S.21 (no noise) (counts = 320168)
2736
1341
288993
14152
9103
3843
counts
94520
70890
47260
23630
0
preceded by 5'
followed by 3'

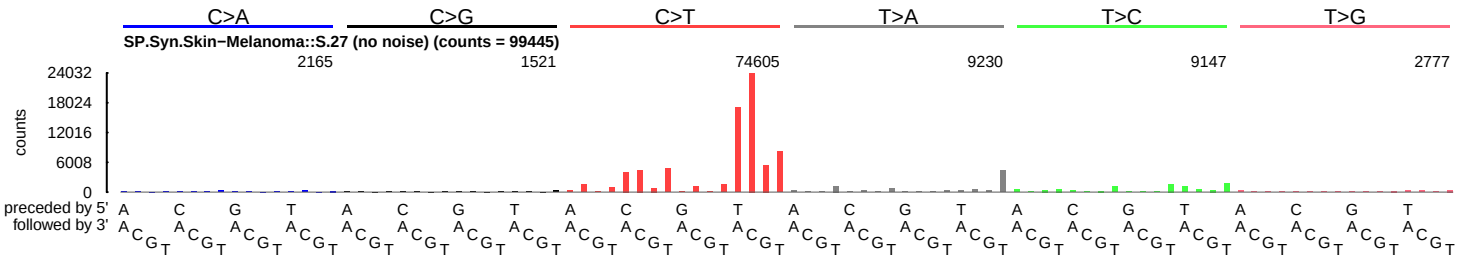

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Skin−Melanoma::S.22 (no noise) (counts = 27325)
633
416
20196
1070
4455
555
counts
6328
4746
3164
1582
0
preceded by 5'
followed by 3'

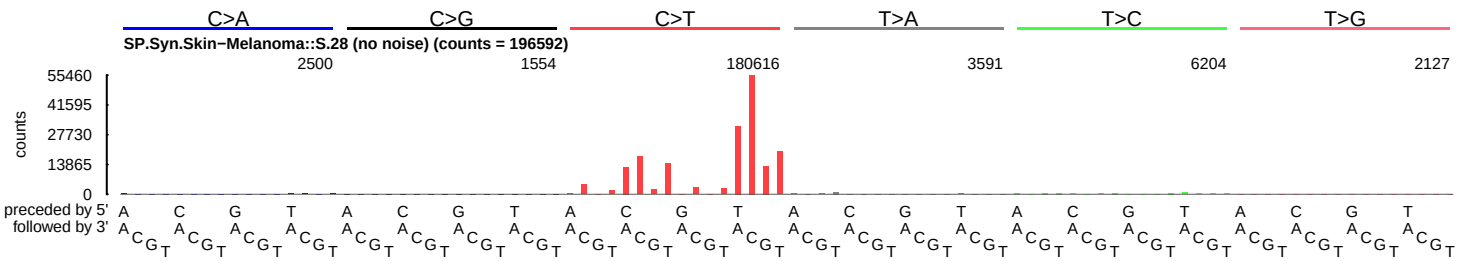

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Skin−Melanoma::S.23 (no noise) (counts = 36664)
1647
1412
24965
1905
5414
1321
counts
7268
5451
3634
1817
0
preceded by 5'
followed by 3'

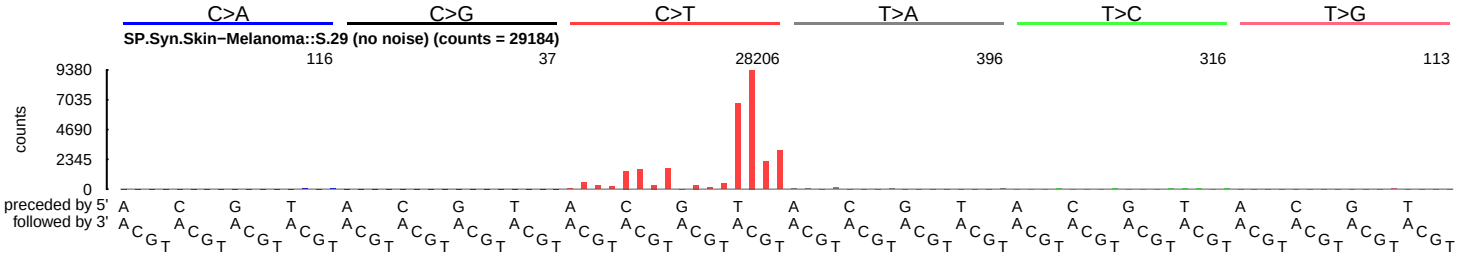

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Skin−Melanoma::S.24 (no noise) (counts = 71241)
1268
709
57762
2992
7242
1268
counts
16732
12549
8366
4183
0
preceded by 5'
followed by 3'

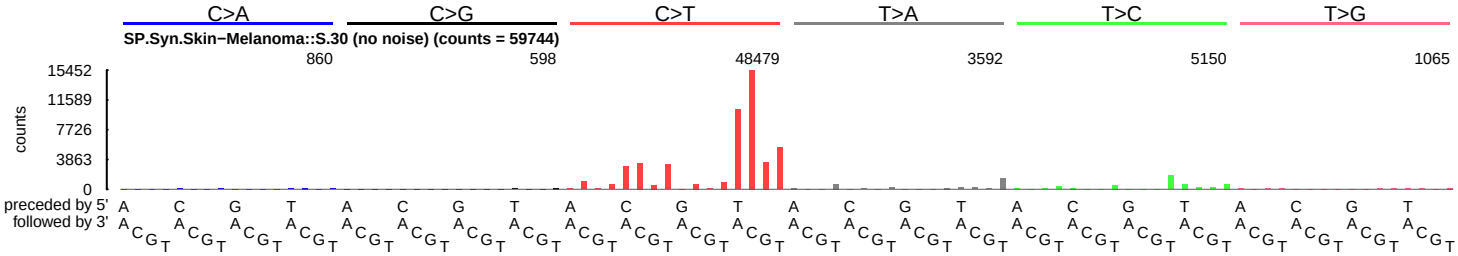

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Skin−Melanoma::S.25 (no noise) (counts = 35313)
1373
375
29377
1103
2407
678
counts
6788
5091
3394
1697
0
preceded by 5'
followed by 3'

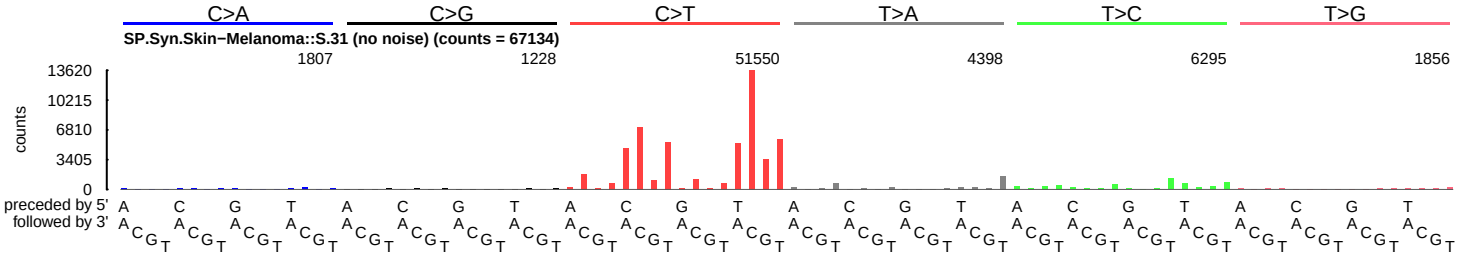

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Skin−Melanoma::S.26 (no noise) (counts = 41334)
744
434
32283
3176
3732
965
counts
9644
7233
4822
2411
0
preceded by 5'
followed by 3'

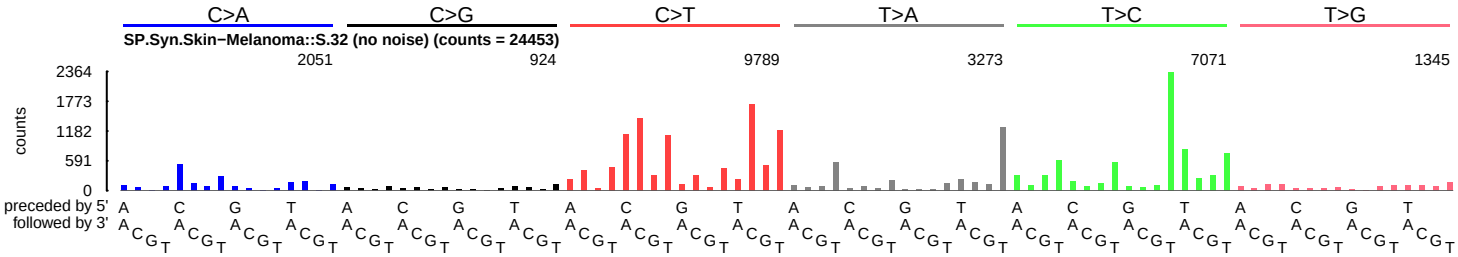

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Skin−Melanoma::S.27 (no noise) (counts = 99445)
2165
1521
74605
9230
9147
2777
counts
24032
18024
12016
6008
0
preceded by 5'
followed by 3'

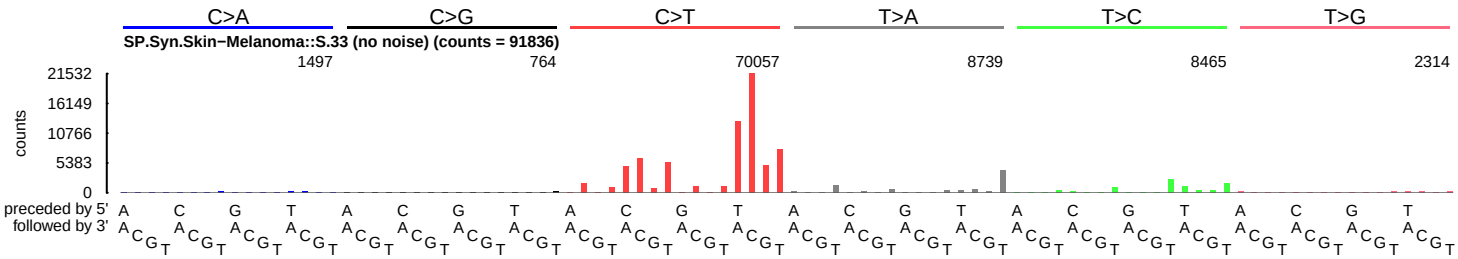

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Skin−Melanoma::S.28 (no noise) (counts = 196592)
2500
1554
180616
3591
6204
2127
counts
55460
41595
27730
13865
0
preceded by 5'
followed by 3'

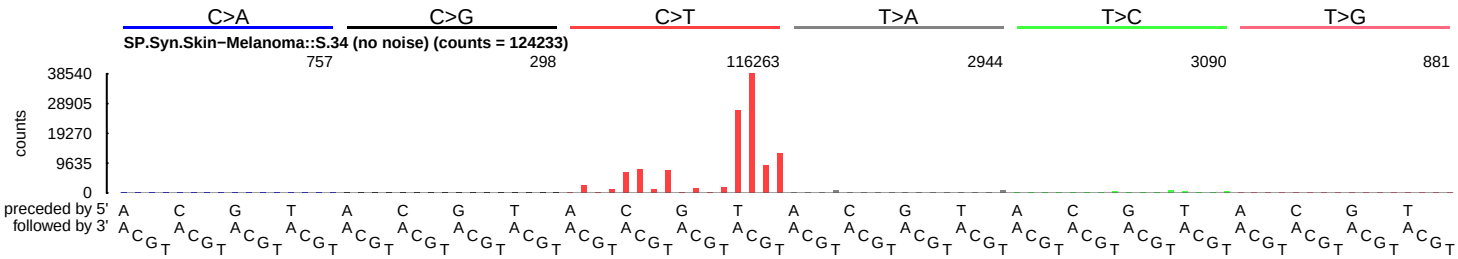

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Skin−Melanoma::S.29 (no noise) (counts = 29184)
116
37
28206
396
316
113
counts
9380
7035
4690
2345
0
preceded by 5'
followed by 3'

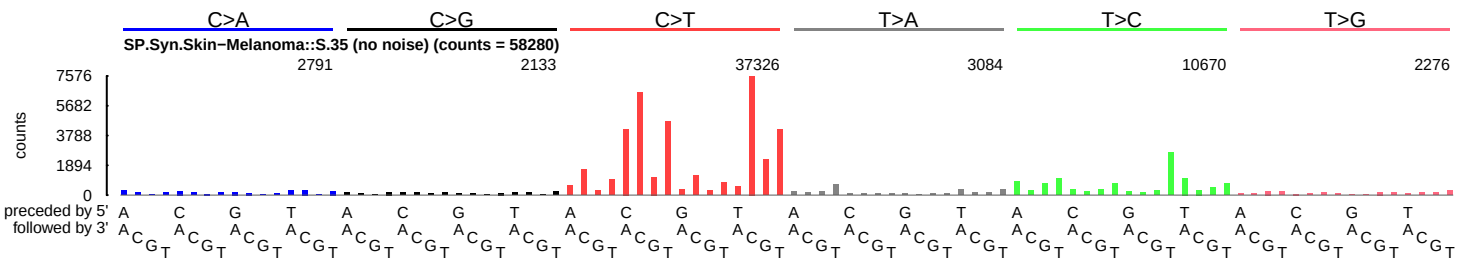

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Skin−Melanoma::S.30 (no noise) (counts = 59744)
860
598
48479
3592
5150
1065
counts
15452
11589
7726
3863
0
preceded by 5'
followed by 3'

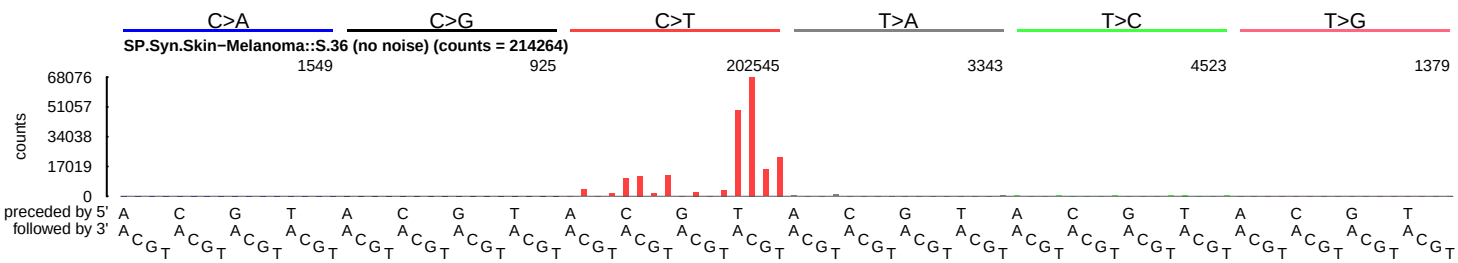

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Skin−Melanoma::S.31 (no noise) (counts = 67134)
1807
1228
51550
4398
6295
1856
counts
13620
10215
6810
3405
0
preceded by 5'
followed by 3'

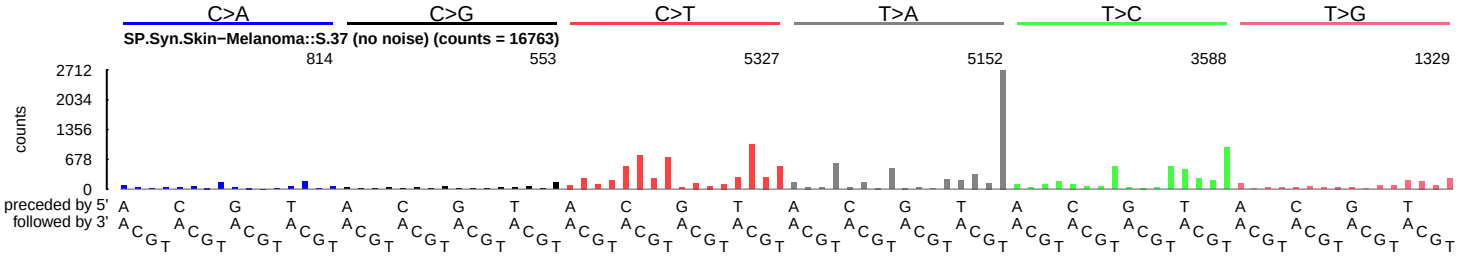

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Skin−Melanoma::S.32 (no noise) (counts = 24453)
2051
924
9789
3273
7071
1345
counts
2364
1773
1182
591
0
preceded by 5'
followed by 3'

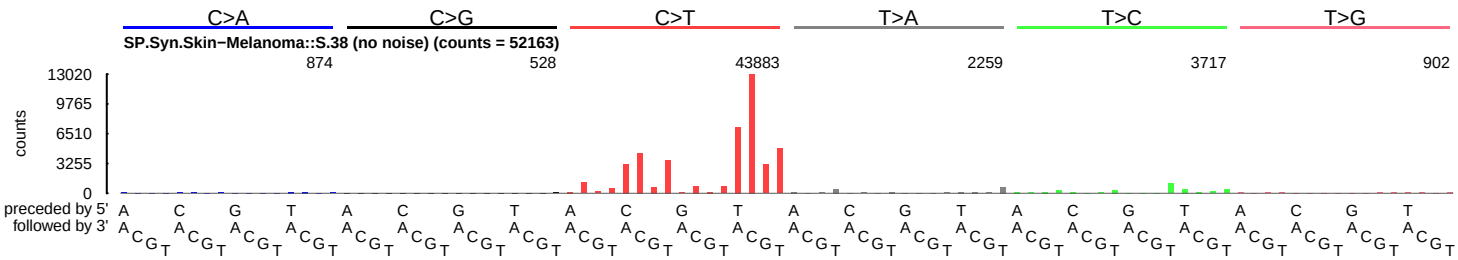

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Skin−Melanoma::S.33 (no noise) (counts = 91836)
1497
764
70057
8739
8465
2314
counts
21532
16149
10766
5383
0
preceded by 5'
followed by 3'

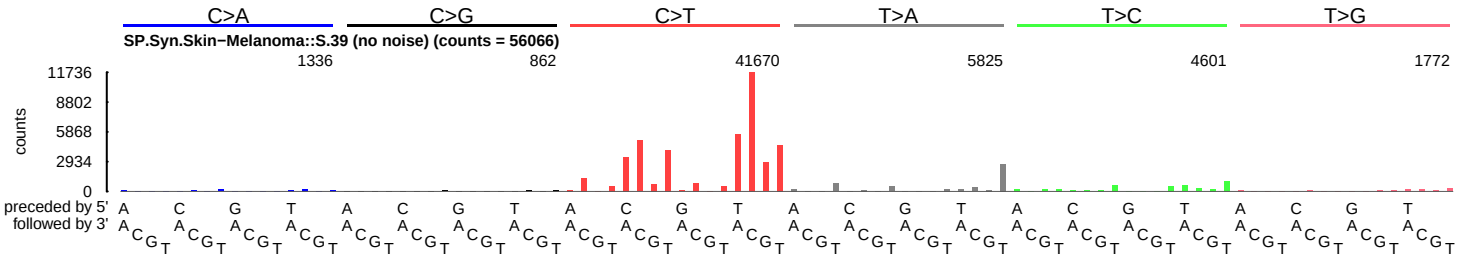

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Skin−Melanoma::S.34 (no noise) (counts = 124233)
757
298
116263
2944
3090
881
counts
38540
28905
19270
9635
0
preceded by 5'
followed by 3'

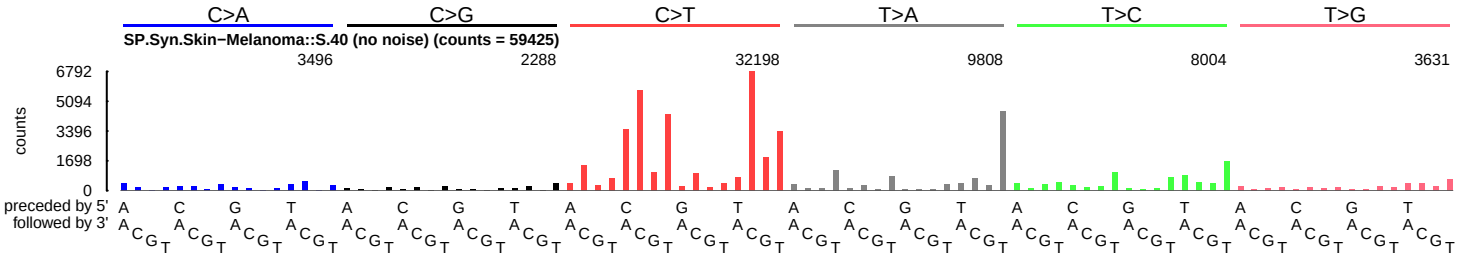

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Skin−Melanoma::S.35 (no noise) (counts = 58280)
2791
2133
37326
3084
10670
2276
counts
7576
5682
3788
1894
0
preceded by 5'
followed by 3'

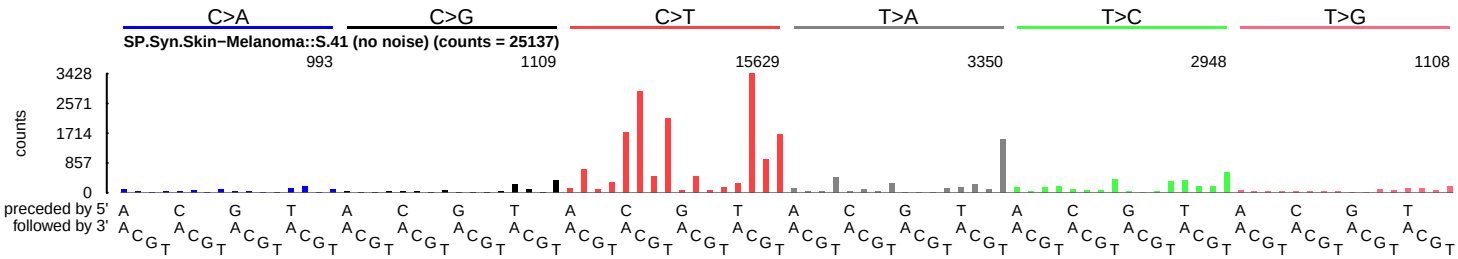

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Skin−Melanoma::S.36 (no noise) (counts = 214264)
1549
925
202545
3343
4523
1379
counts
68076
51057
34038
17019
0
preceded by 5'
followed by 3'

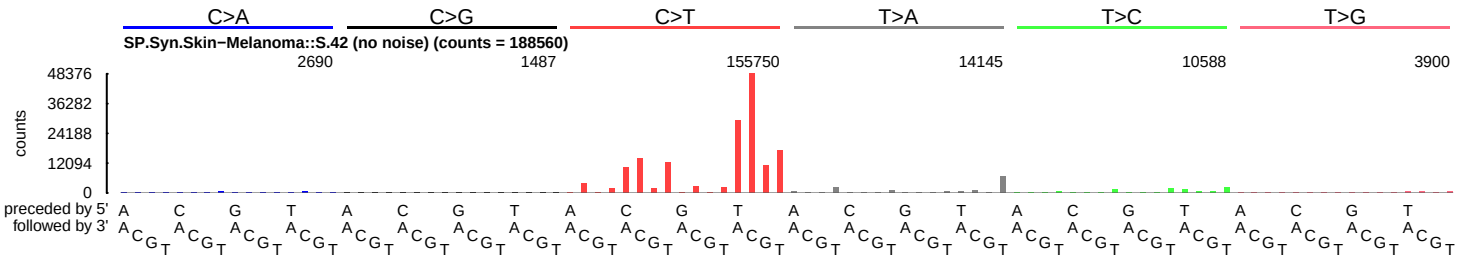

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Skin−Melanoma::S.37 (no noise) (counts = 16763)
814
553
5327
5152
3588
1329
counts
2712
2034
1356
678
0
preceded by 5'
followed by 3'

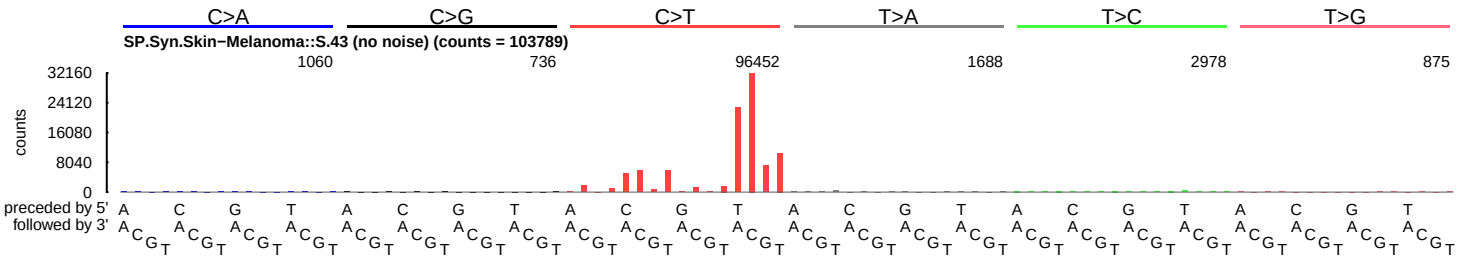

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Skin−Melanoma::S.38 (no noise) (counts = 52163)
874
528
43883
2259
3717
902
counts
13020
9765
6510
3255
0
preceded by 5'
followed by 3'

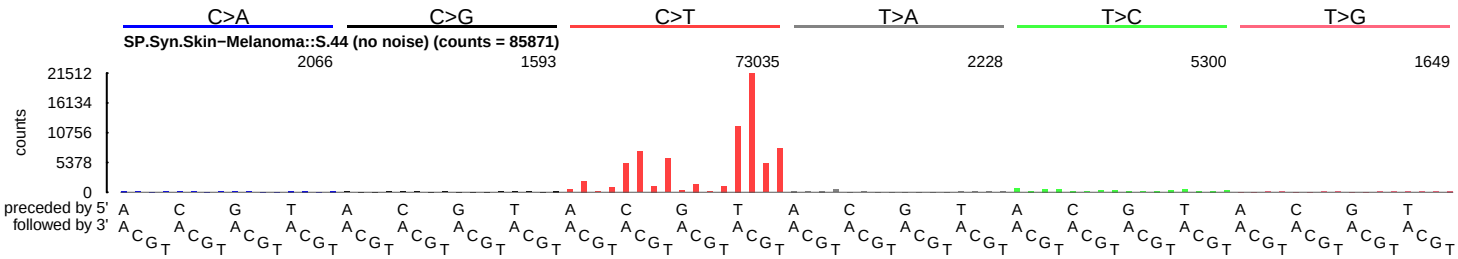

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Skin−Melanoma::S.39 (no noise) (counts = 56066)
1336
862
41670
5825
4601
1772
counts
11736
8802
5868
2934
0
preceded by 5'
followed by 3'

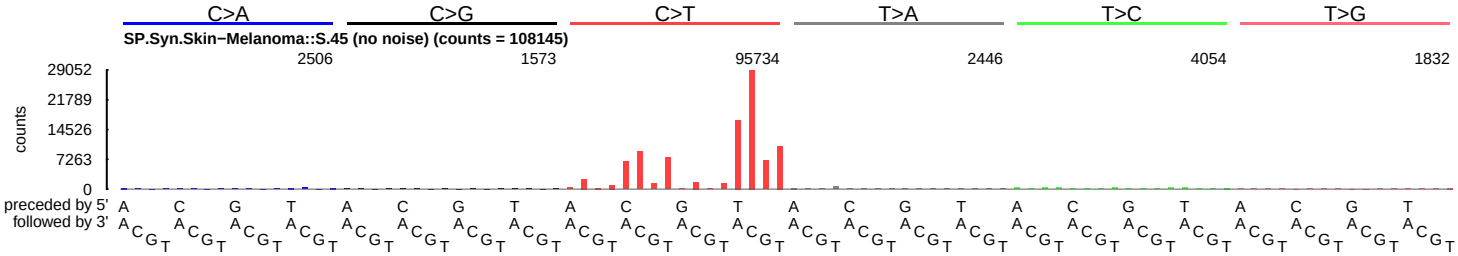

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Skin−Melanoma::S.40 (no noise) (counts = 59425)
3496
2288
32198
9808
8004
3631
counts
6792
5094
3396
1698
0
preceded by 5'
followed by 3'

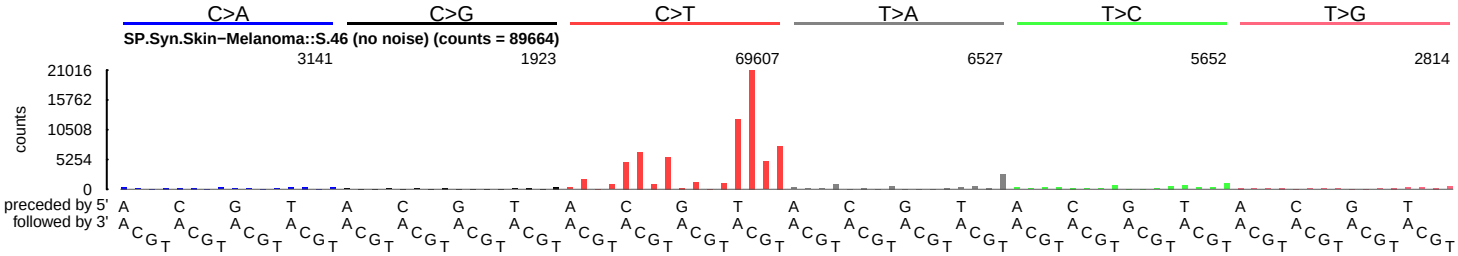

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Skin−Melanoma::S.41 (no noise) (counts = 25137)
993
1109
15629
3350
2948
1108
counts
3428
2571
1714
857
0
preceded by 5'
followed by 3'

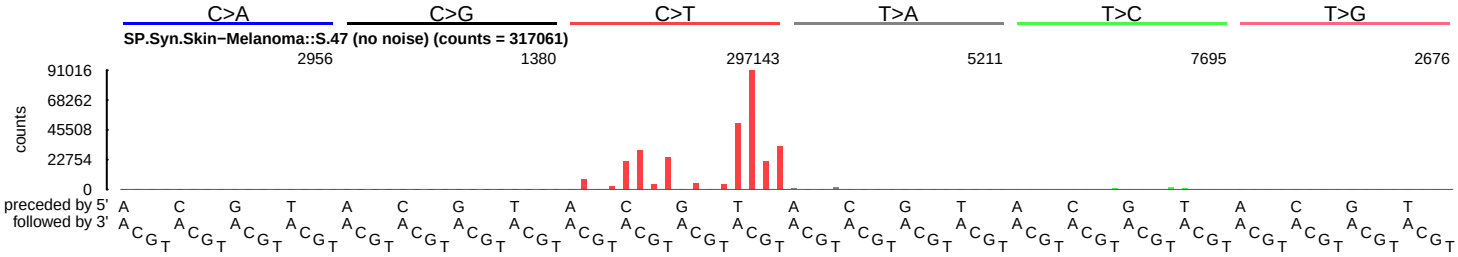

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Skin−Melanoma::S.42 (no noise) (counts = 188560)
2690
1487
155750
14145
10588
3900
counts
48376
36282
24188
12094
0
preceded by 5'
followed by 3'

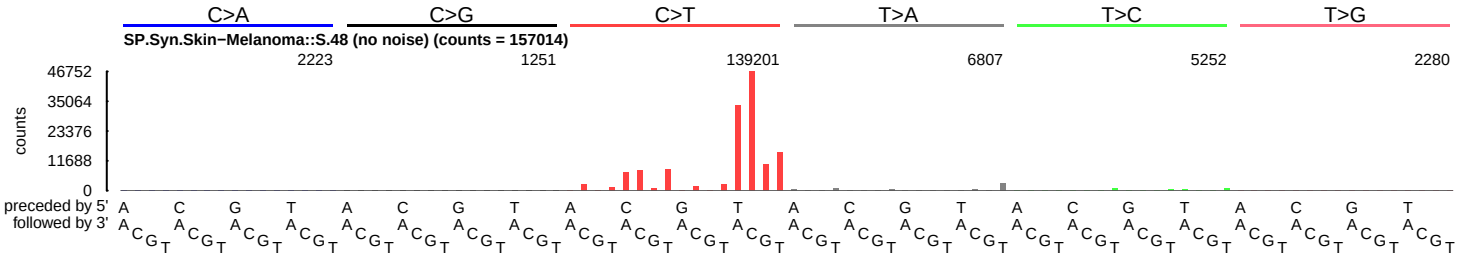

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Skin−Melanoma::S.43 (no noise) (counts = 103789)
1060
736
96452
1688
2978
875
counts
32160
24120
16080
8040
0
preceded by 5'
followed by 3'

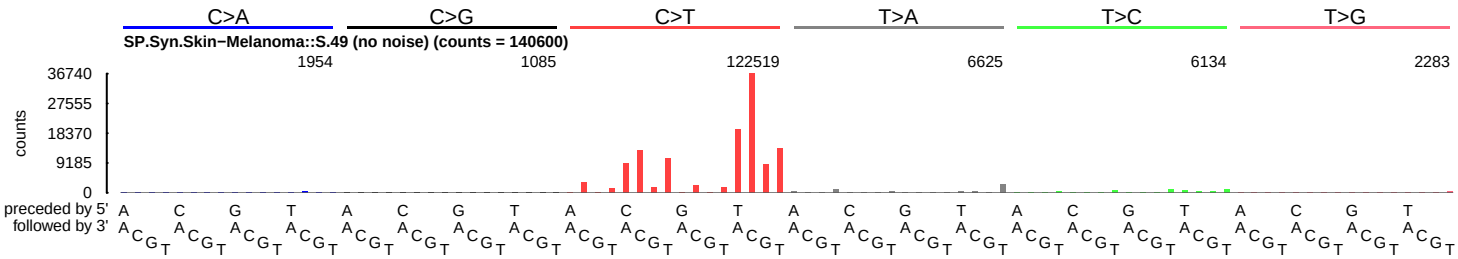

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Skin−Melanoma::S.44 (no noise) (counts = 85871)
2066
1593
73035
2228
5300
1649
counts
21512
16134
10756
5378
0
preceded by 5'
followed by 3'

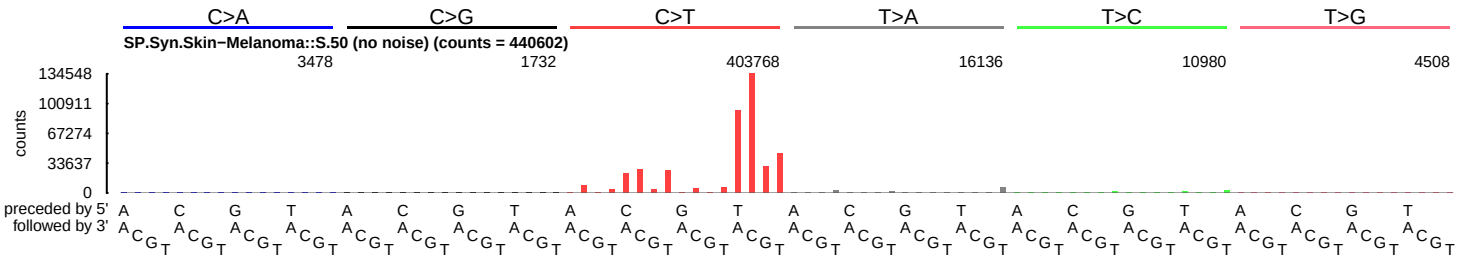

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Skin−Melanoma::S.45 (no noise) (counts = 108145)
2506
1573
95734
2446
4054
1832
counts
29052
21789
14526
7263
0
preceded by 5'
followed by 3'

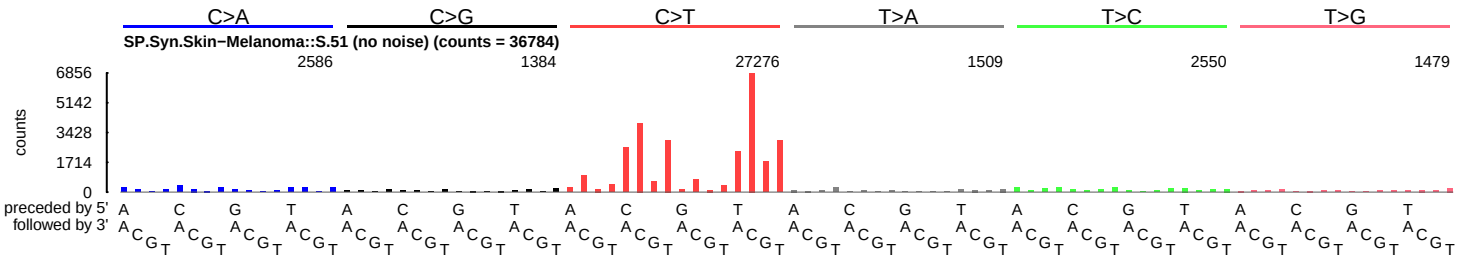

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Skin−Melanoma::S.46 (no noise) (counts = 89664)
3141
1923
69607
6527
5652
2814
counts
21016
15762
10508
5254
0
preceded by 5'
followed by 3'

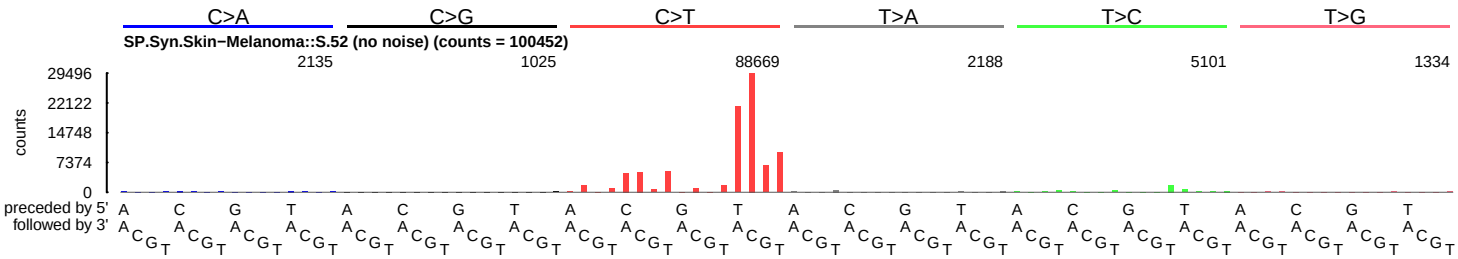

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Skin−Melanoma::S.47 (no noise) (counts = 317061)
2956
1380
297143
5211
7695
2676
counts
91016
68262
45508
22754
0
preceded by 5'
followed by 3'

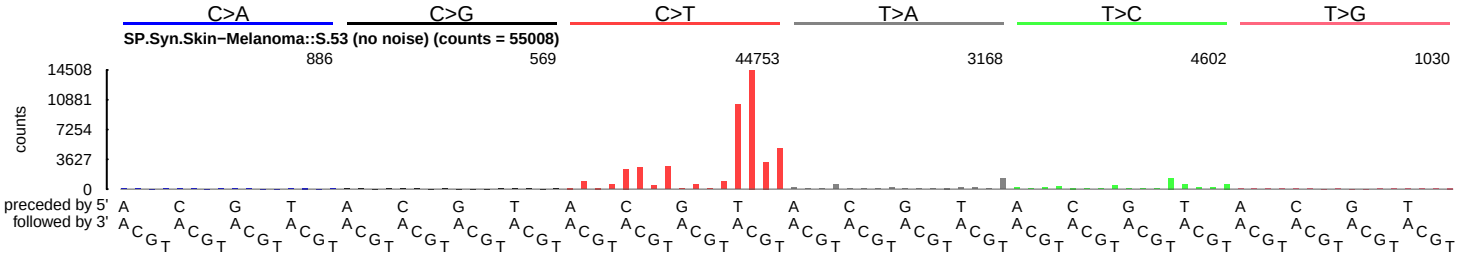

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Skin−Melanoma::S.48 (no noise) (counts = 157014)
2223
1251
139201
6807
5252
2280
counts
46752
35064
23376
11688
0
preceded by 5'
followed by 3'

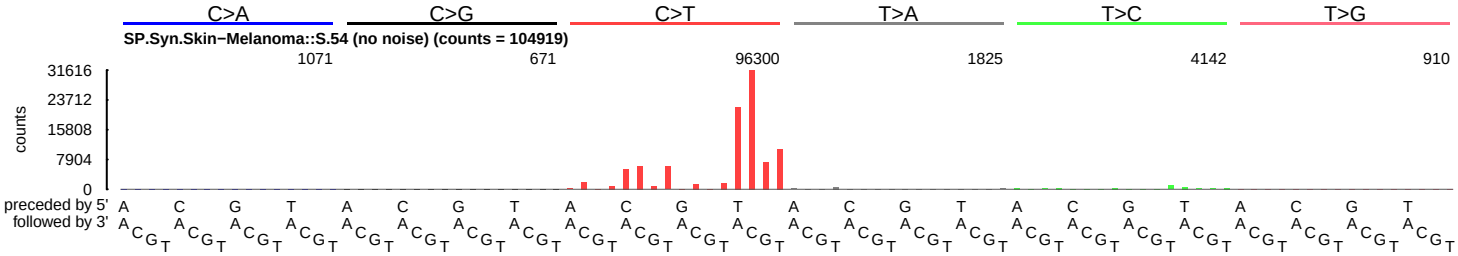

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Skin−Melanoma::S.49 (no noise) (counts = 140600)
1954
1085
122519
6625
6134
2283
counts
36740
27555
18370
9185
0
preceded by 5'
followed by 3'

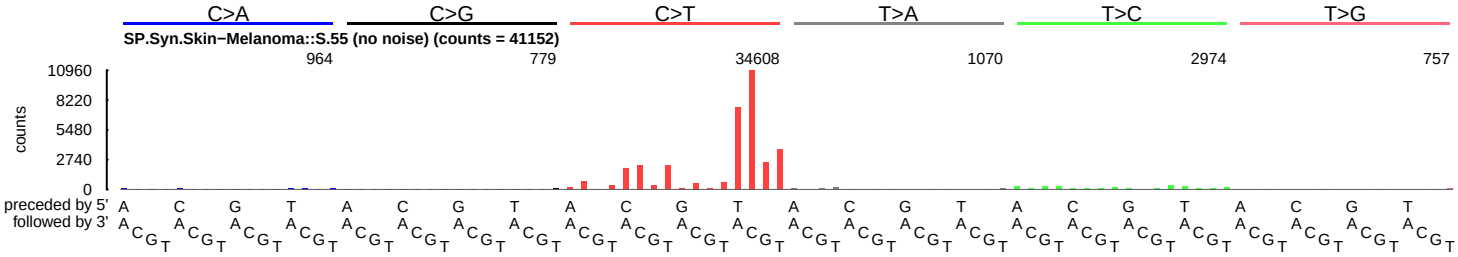

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Skin−Melanoma::S.50 (no noise) (counts = 440602)
3478
1732
403768
16136
10980
4508
counts
134548
100911
67274
33637
0
preceded by 5'
followed by 3'

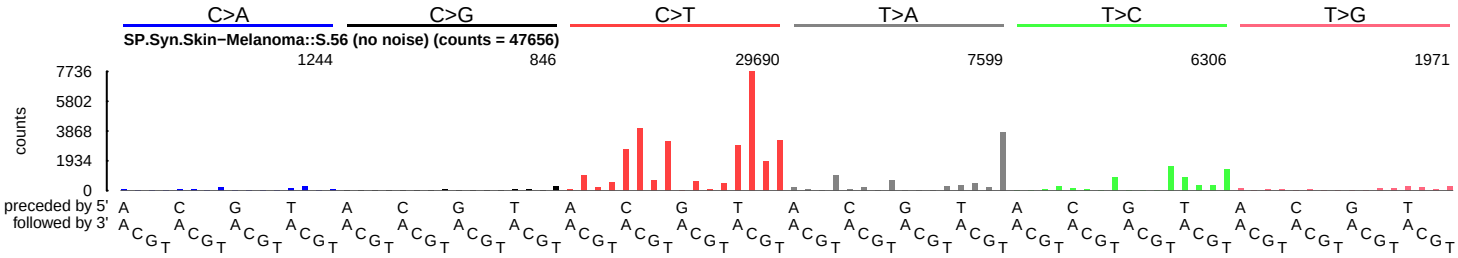

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Skin−Melanoma::S.51 (no noise) (counts = 36784)
2586
1384
27276
1509
2550
1479
counts
6856
5142
3428
1714
0
preceded by 5'
followed by 3'

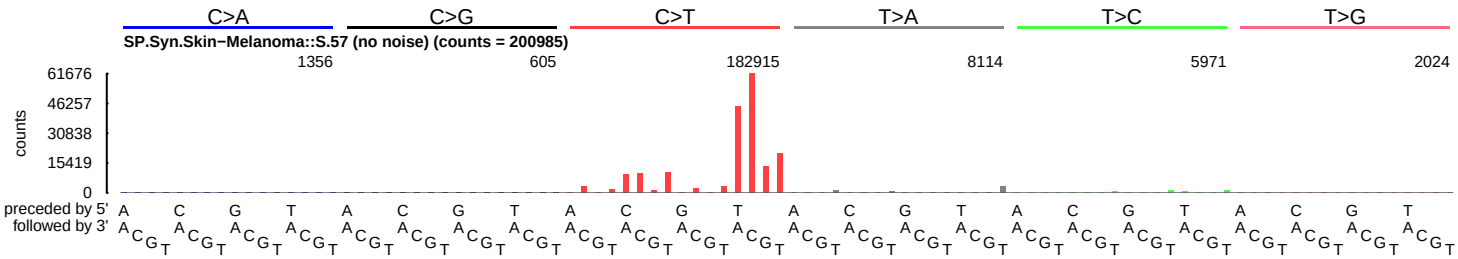

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Skin−Melanoma::S.52 (no noise) (counts = 100452)
2135
1025
88669
2188
5101
1334
counts
29496
22122
14748
7374
0
preceded by 5'
followed by 3'

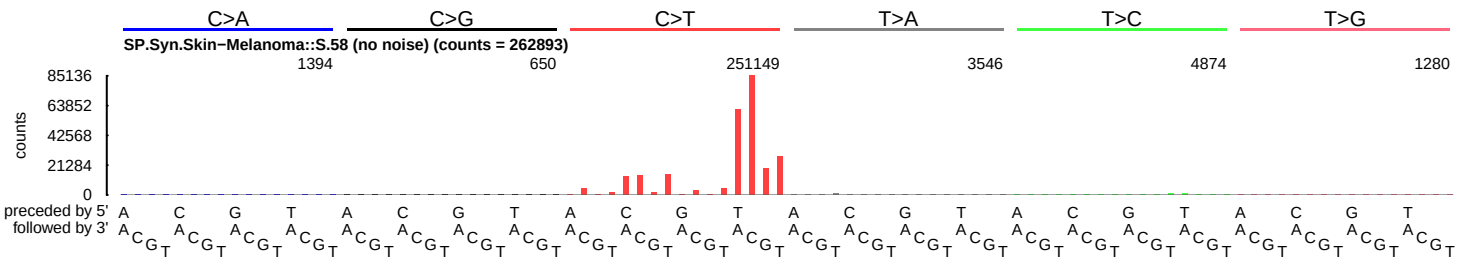

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Skin−Melanoma::S.53 (no noise) (counts = 55008)
886
569
44753
3168
4602
1030
14508
10881
7254
3627
0
counts
preceded by 5'
followed by 3'

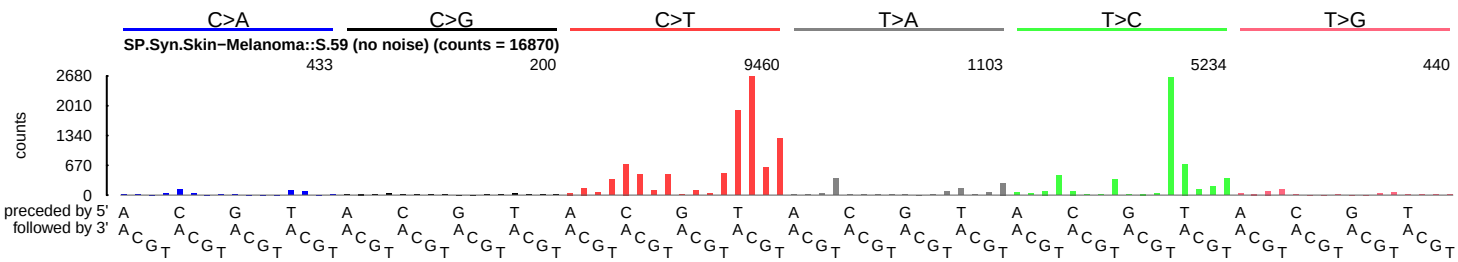

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Skin−Melanoma::S.54 (no noise) (counts = 104919)
1071
671
96300
1825
4142
910
31616
23712
15808
7904
0
counts
preceded by 5'
followed by 3'

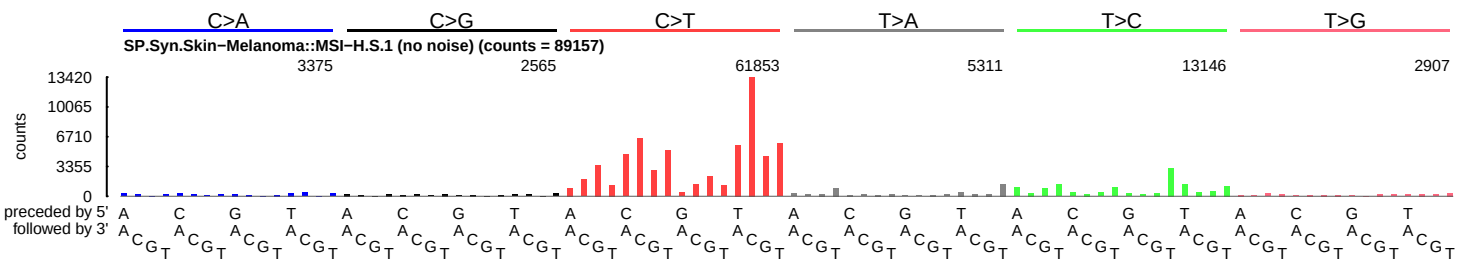

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Skin−Melanoma::S.55 (no noise) (counts = 41152)
964
779
34608
1070
2974
757
10960
8220
5480
2740
0
counts
preceded by 5'
followed by 3'

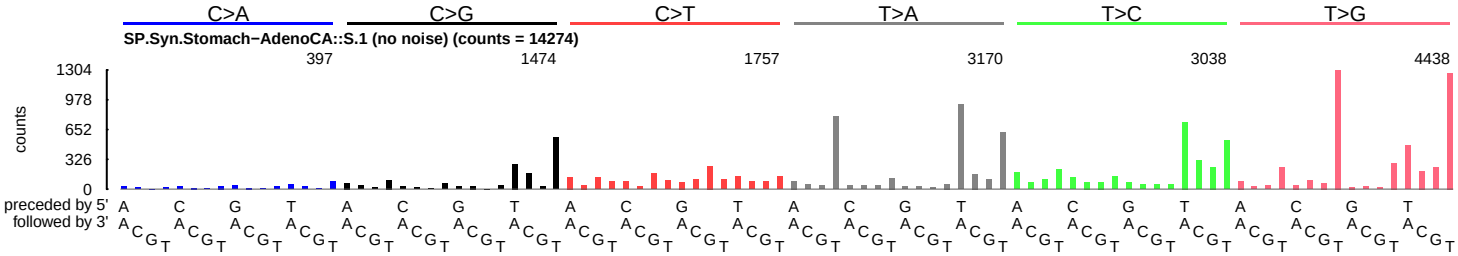

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Skin−Melanoma::S.56 (no noise) (counts = 47656)
1244
846
29690
7599
6306
1971
7736
5802
3868
1934
0
counts
preceded by 5'
followed by 3'

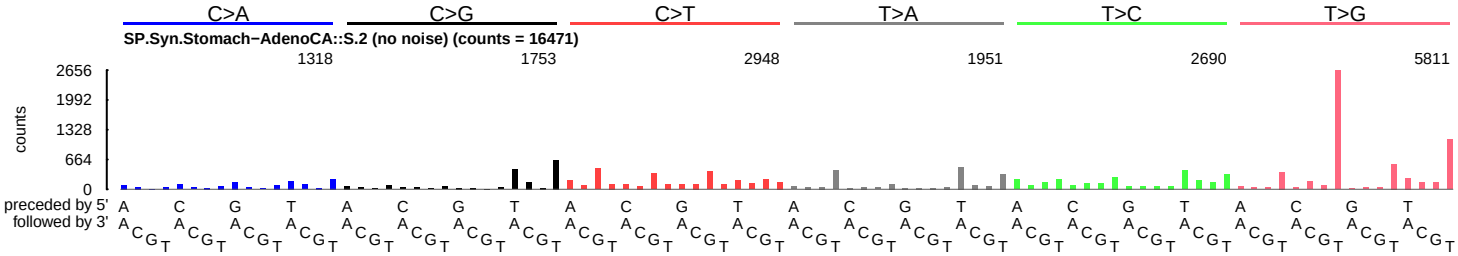

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Skin−Melanoma::S.57 (no noise) (counts = 200985)
1356
605
182915
8114
5971
2024
61676
46257
30838
15419
0
counts
preceded by 5'
followed by 3'

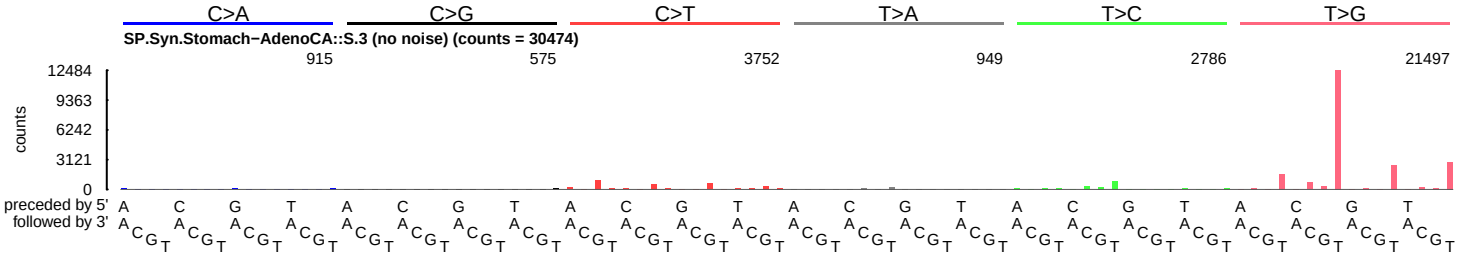

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Skin−Melanoma::S.58 (no noise) (counts = 262893)
1394
650
251149
3546
4874
1280
85136
63852
42568
21284
0
counts
preceded by 5'
followed by 3'

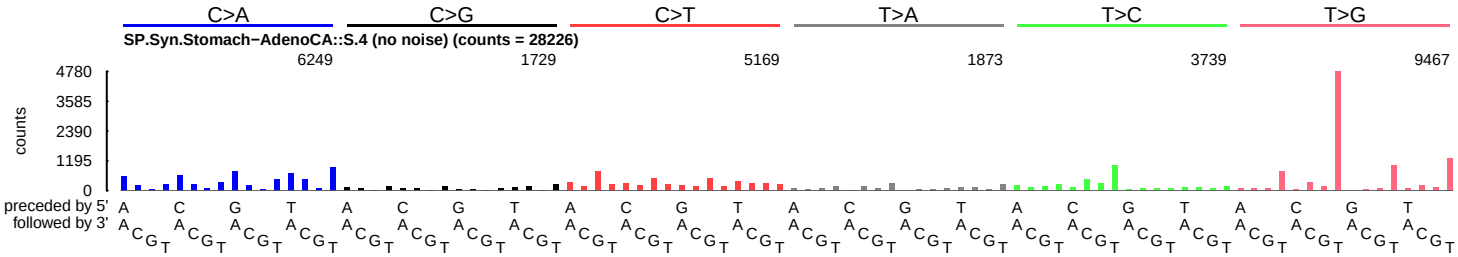

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Skin−Melanoma::S.59 (no noise) (counts = 16870)
433
200
9460
1103
5234
440
2680
2010
1340
670
0
counts
preceded by 5'
followed by 3'

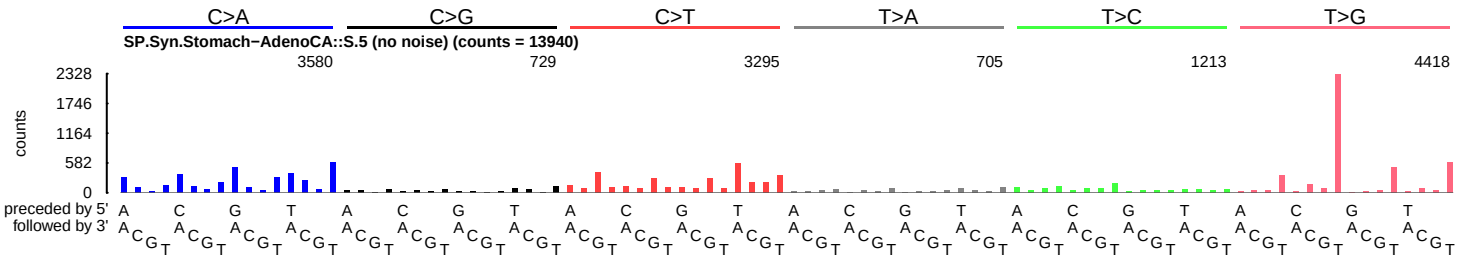

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Skin−Melanoma::MSI−H.S.1 (no noise) (counts = 89157)
3375
2565
61853
5311
13146
2907
13420
10065
6710
3355
0
counts
preceded by 5'
followed by 3'

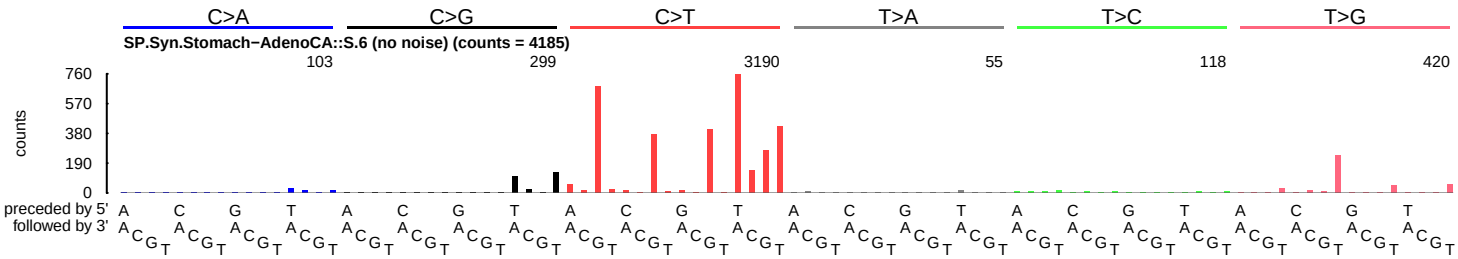

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Stomach−AdenoCA::S.1 (no noise) (counts = 14274)
397
1474
1757
3170
3038
4438
counts
1304
978
652
326
0
preceded by 5'
followed by 3'

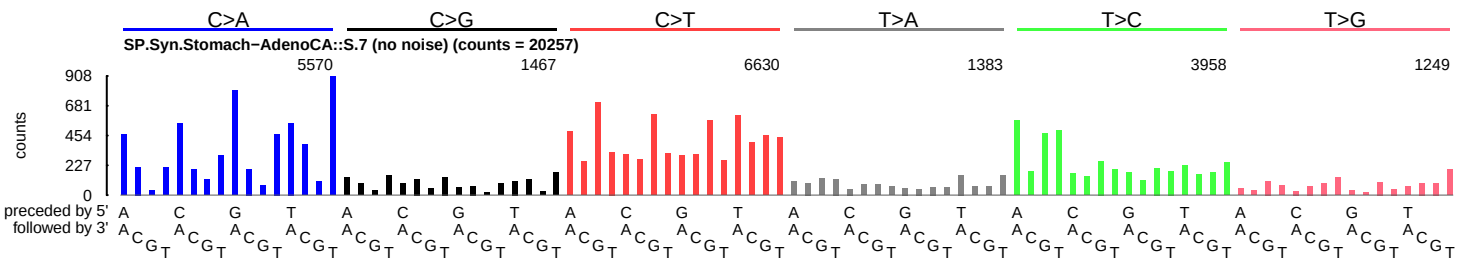

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Stomach−AdenoCA::S.2 (no noise) (counts = 16471)
1318
1753
2948
1951
2690
5811
counts
2656
1992
1328
664
0
preceded by 5'
followed by 3'

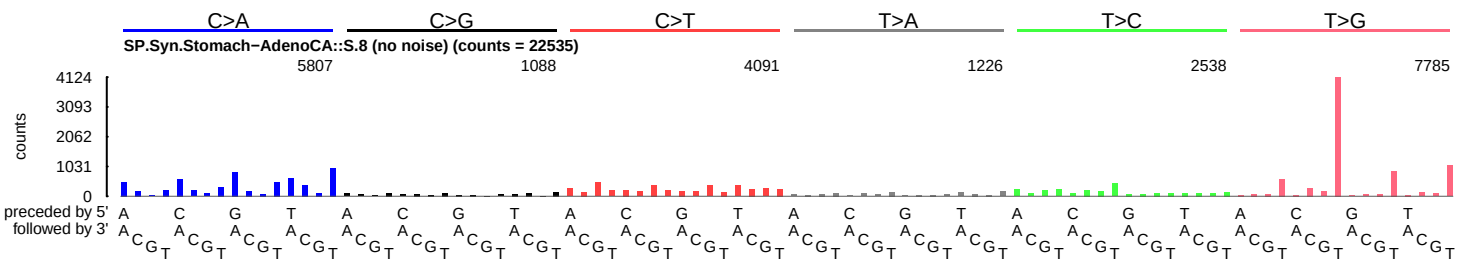

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Stomach−AdenoCA::S.3 (no noise) (counts = 30474)
915
575
3752
949
2786
21497
counts
12484
9363
6242
3121
0
preceded by 5'
followed by 3'

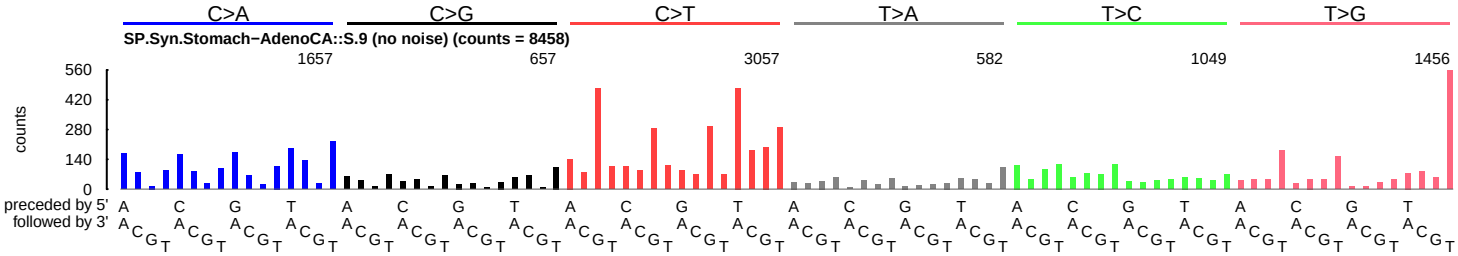

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Stomach−AdenoCA::S.4 (no noise) (counts = 28226)
6249
1729
5169
1873
3739
9467
counts
4780
3585
2390
1195
0
preceded by 5'
followed by 3'

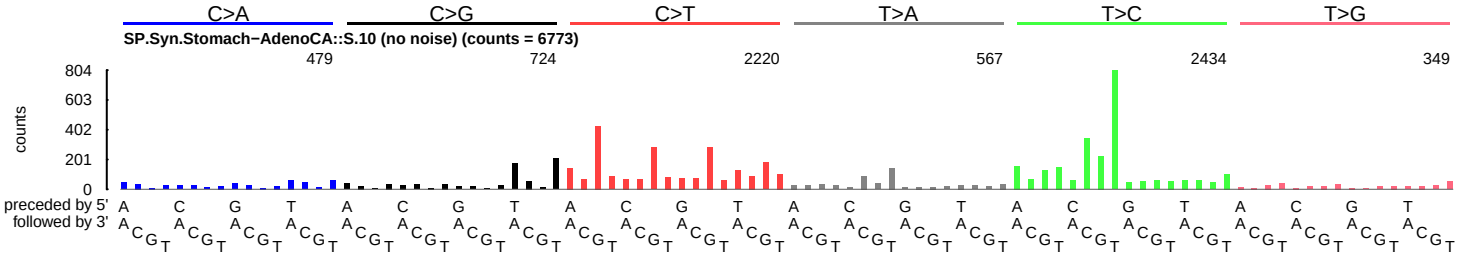

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Stomach−AdenoCA::S.5 (no noise) (counts = 13940)
3580
729
3295
705
1213
4418
counts
2328
1746
1164
582
0
preceded by 5'
followed by 3'

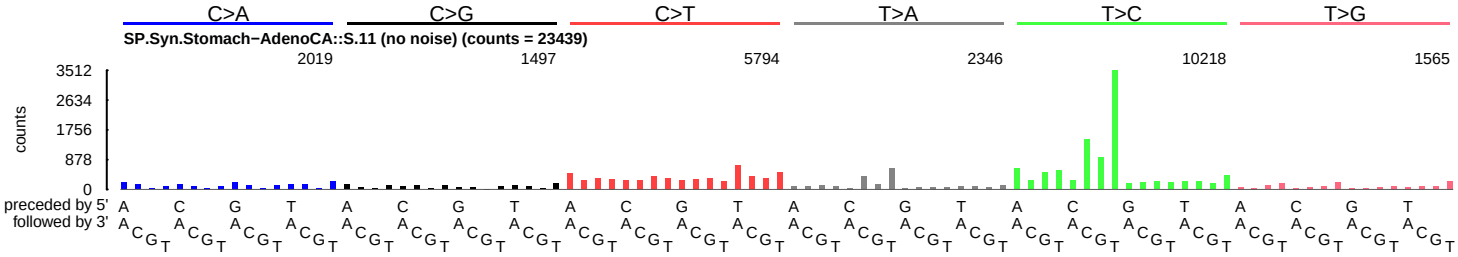

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Stomach−AdenoCA::S.6 (no noise) (counts = 4185)
103
299
3190
55
118
420
counts
760
570
380
190
0
preceded by 5'
followed by 3'

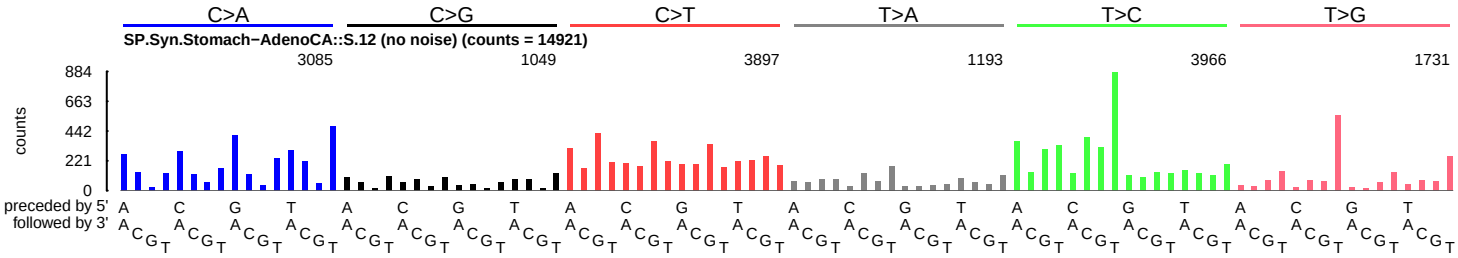

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Stomach−AdenoCA::S.7 (no noise) (counts = 20257)
5570
1467
6630
1383
3958
1249
counts
908
681
454
227
0
preceded by 5'
followed by 3'

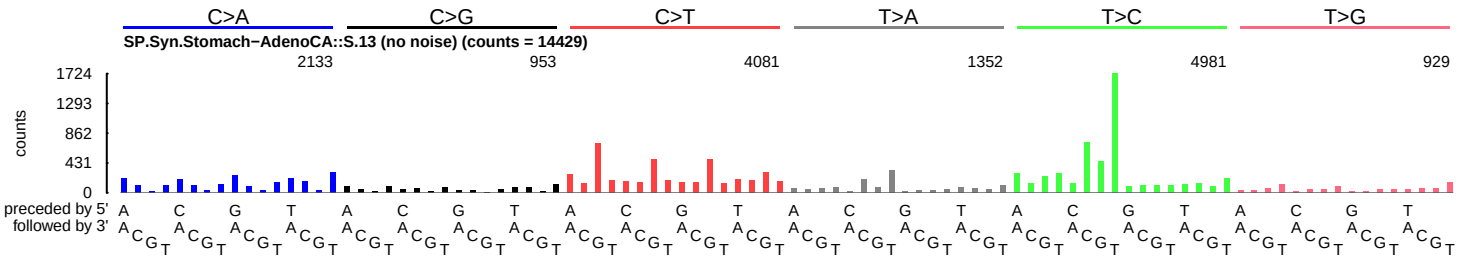

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Stomach−AdenoCA::S.8 (no noise) (counts = 22535)
5807
1088
4091
1226
2538
7785
counts
4124
3093
2062
1031
0
preceded by 5'
followed by 3'

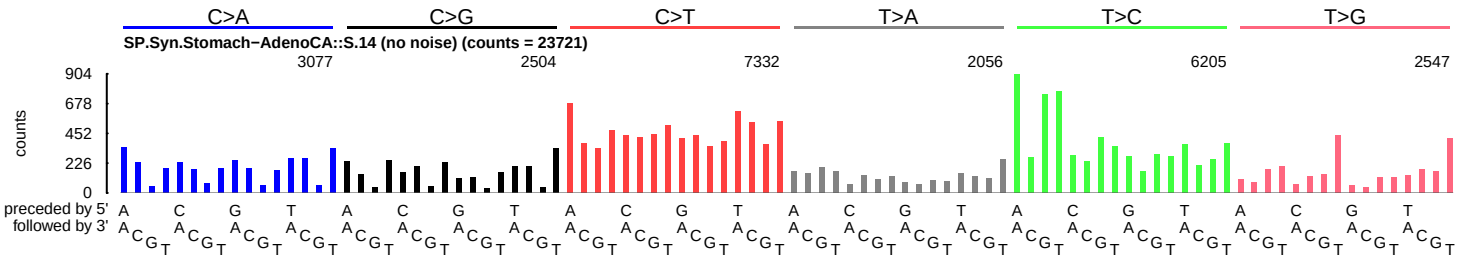

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Stomach−AdenoCA::S.9 (no noise) (counts = 8458)
1657
657
3057
582
1049
1456
counts
560
420
280
140
0
preceded by 5'
followed by 3'

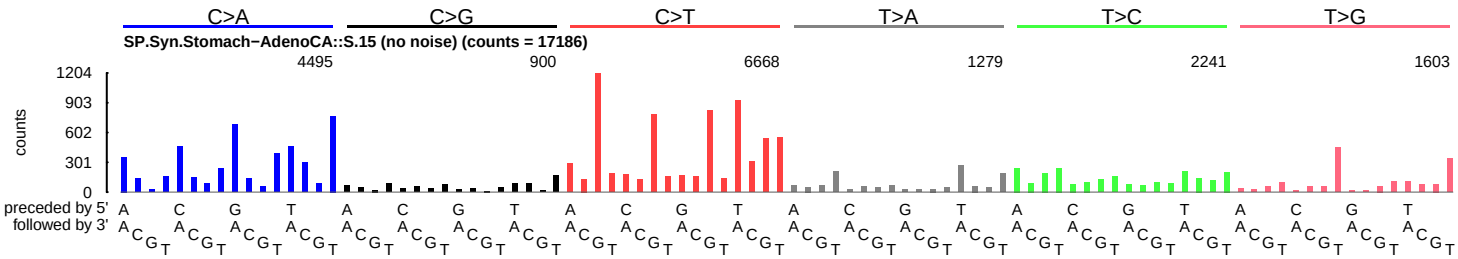

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Stomach−AdenoCA::S.10 (no noise) (counts = 6773)
479
724
2220
567
2434
349
counts
804
603
402
201
0
preceded by 5'
followed by 3'

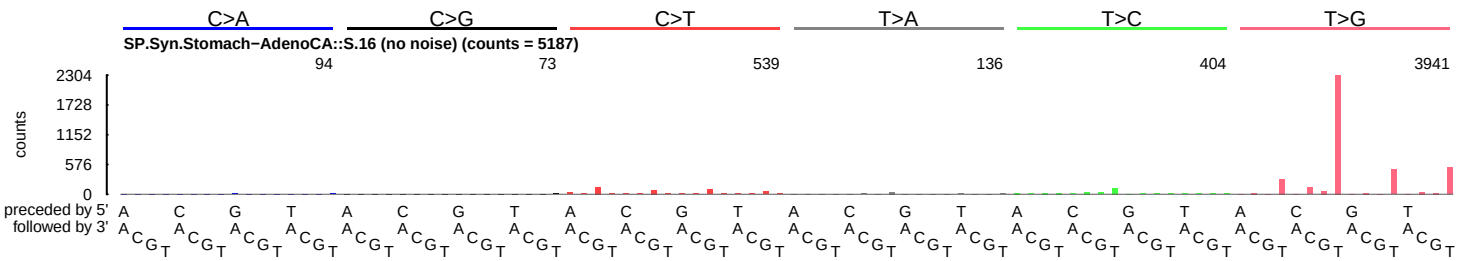

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Stomach−AdenoCA::S.11 (no noise) (counts = 23439)
2019
1497
5794
2346
10218
1565
counts
3512
2634
1756
878
0
preceded by 5'
followed by 3'

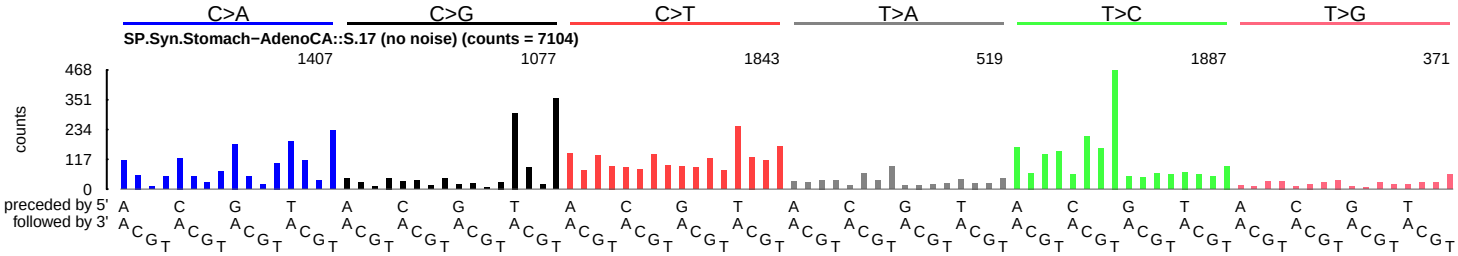

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Stomach−AdenoCA::S.12 (no noise) (counts = 14921)
3085
1049
3897
1193
3966
1731
counts
884
663
442
221
0
preceded by 5'
followed by 3'

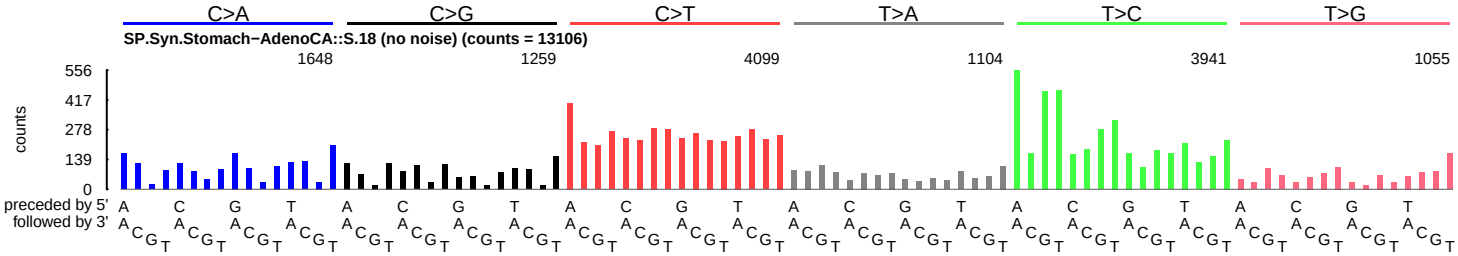

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Stomach−AdenoCA::S.13 (no noise) (counts = 14429)
2133
953
4081
1352
4981
929
counts
1724
1293
862
431
0
preceded by 5'
followed by 3'

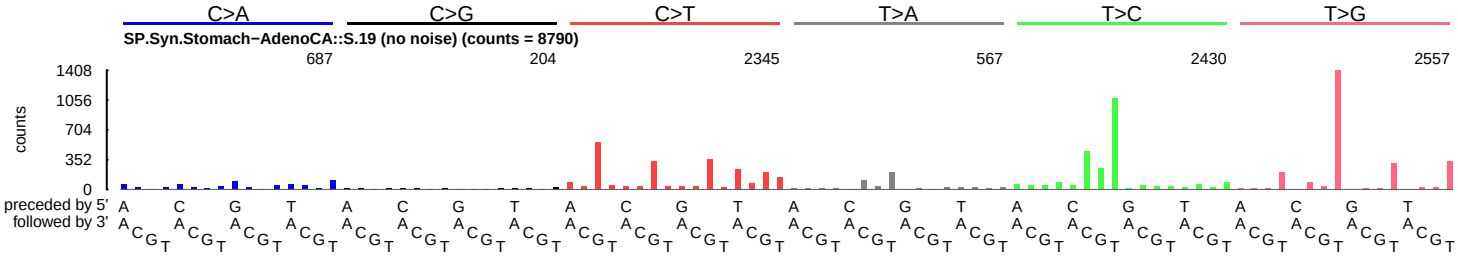

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Stomach−AdenoCA::S.14 (no noise) (counts = 23721)
3077
2504
7332
2056
6205
2547
counts
904
678
452
226
0
preceded by 5'
followed by 3'

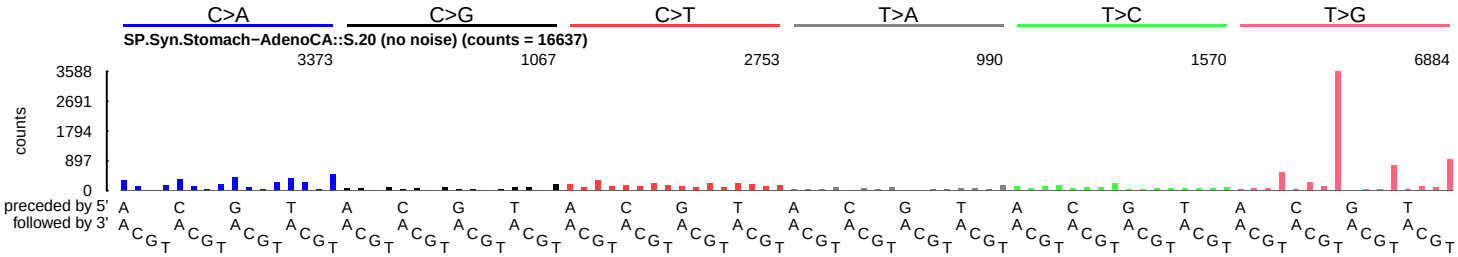

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Stomach−AdenoCA::S.15 (no noise) (counts = 17186)
4495
900
6668
1279
2241
1603
counts
1204
903
602
301
0
preceded by 5'
followed by 3'

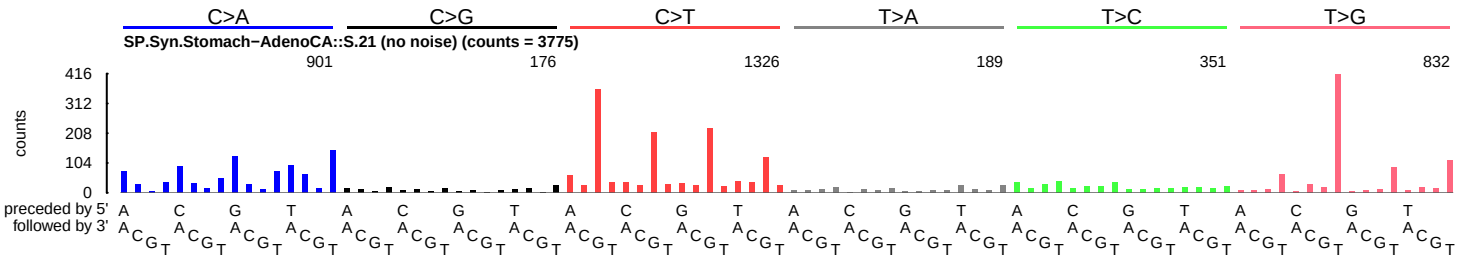

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Stomach−AdenoCA::S.16 (no noise) (counts = 5187)
94
73
539
136
404
3941
counts
2304
1728
1152
576
0
preceded by 5'
followed by 3'

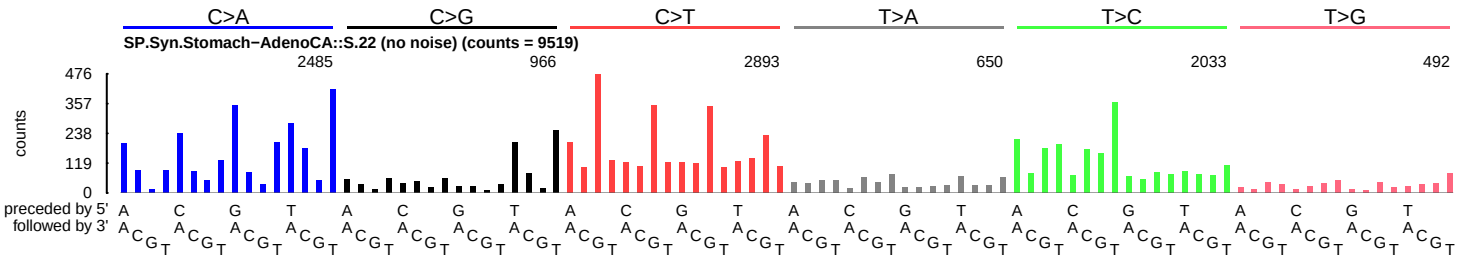

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Stomach−AdenoCA::S.17 (no noise) (counts = 7104)
1407
1077
1843
519
1887
371
counts
468
351
234
117
0
preceded by 5'
followed by 3'

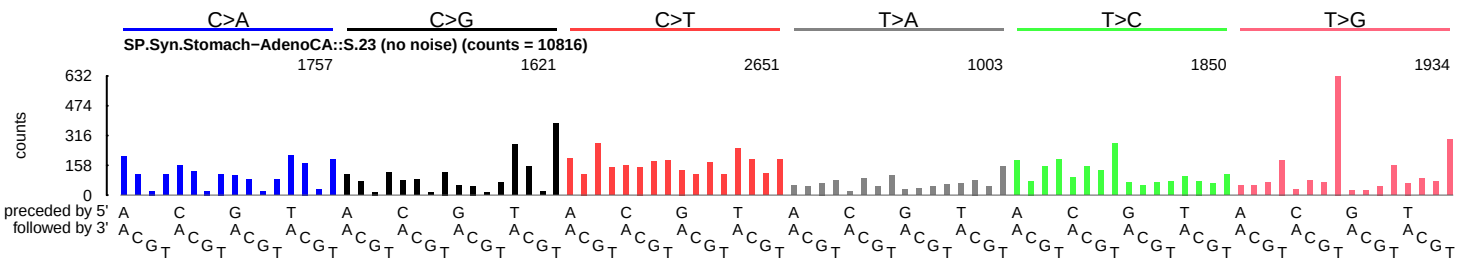

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Stomach−AdenoCA::S.18 (no noise) (counts = 13106)
1648
1259
4099
1104
3941
1055
counts
556
417
278
139
0
preceded by 5'
followed by 3'

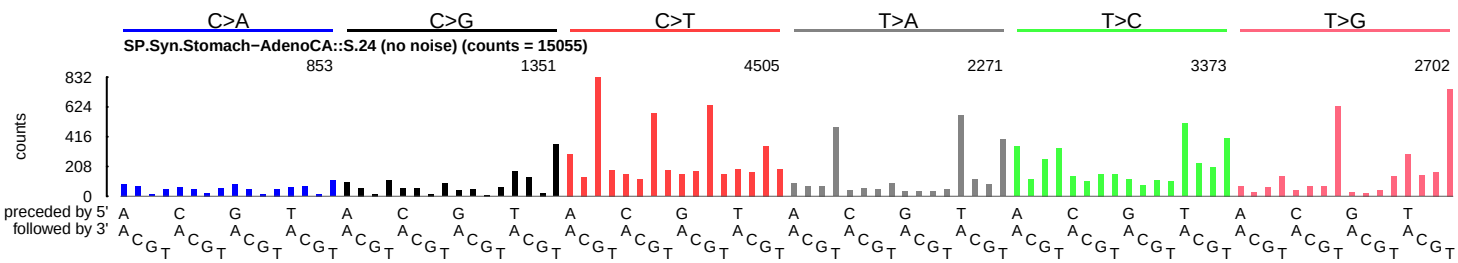

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Stomach−AdenoCA::S.19 (no noise) (counts = 8790)
687
204
2345
567
2430
2557
counts
1408
1056
704
352
0
preceded by 5'
followed by 3'

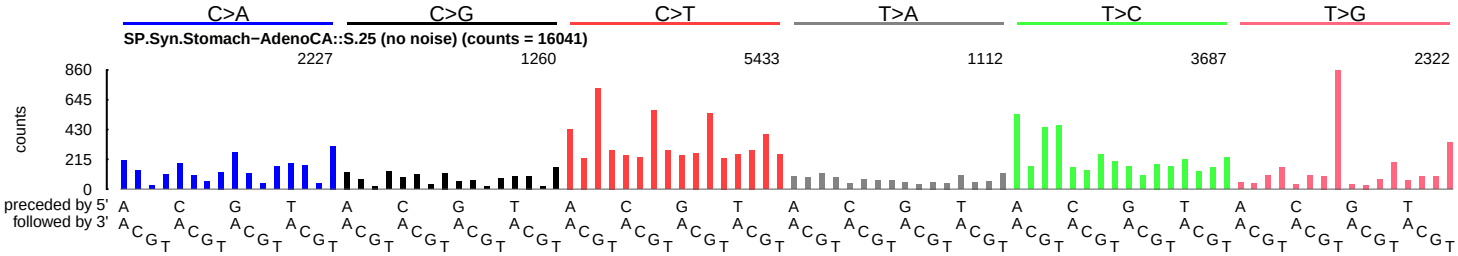

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Stomach−AdenoCA::S.20 (no noise) (counts = 16637)
3373
1067
2753
990
1570
6884
counts
3588
2691
1794
897
0
preceded by 5'
followed by 3'

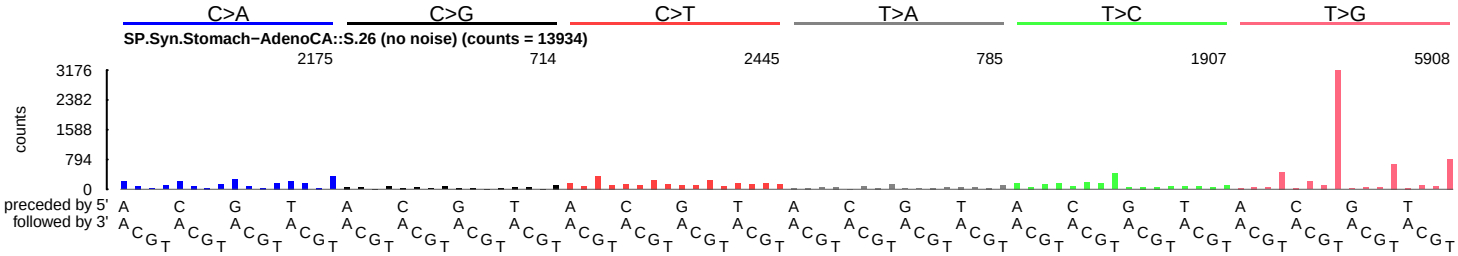

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Stomach−AdenoCA::S.21 (no noise) (counts = 3775)
901
176
1326
189
351
832
counts
416
312
208
104
0
preceded by 5'
followed by 3'

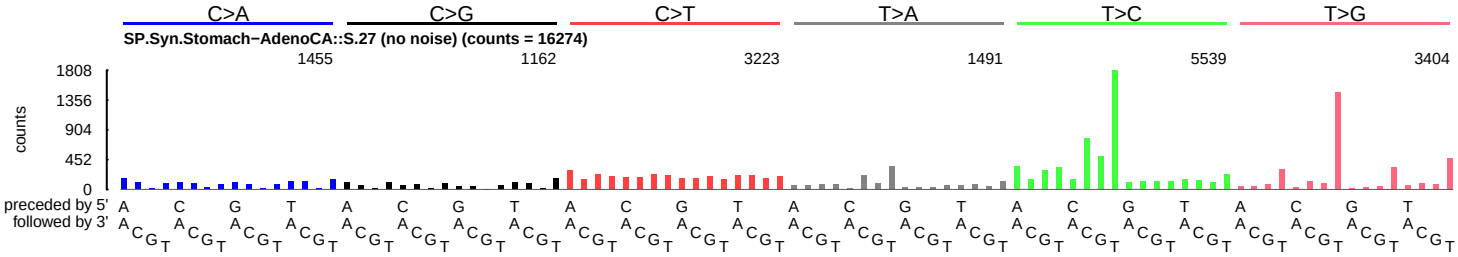

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Stomach−AdenoCA::S.22 (no noise) (counts = 9519)
2485
966
2893
650
2033
492
counts
476
357
238
119
0
preceded by 5'
followed by 3'

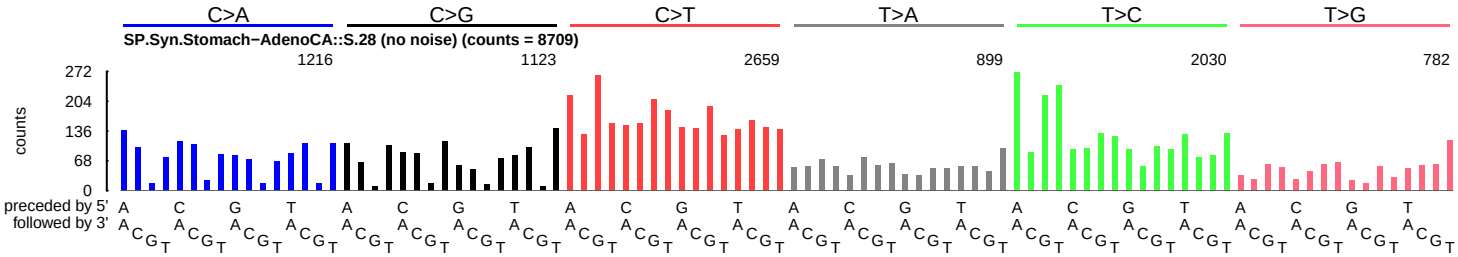

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Stomach−AdenoCA::S.23 (no noise) (counts = 10816)
1757
1621
2651
1003
1850
1934
counts
632
474
316
158
0
preceded by 5'
followed by 3'

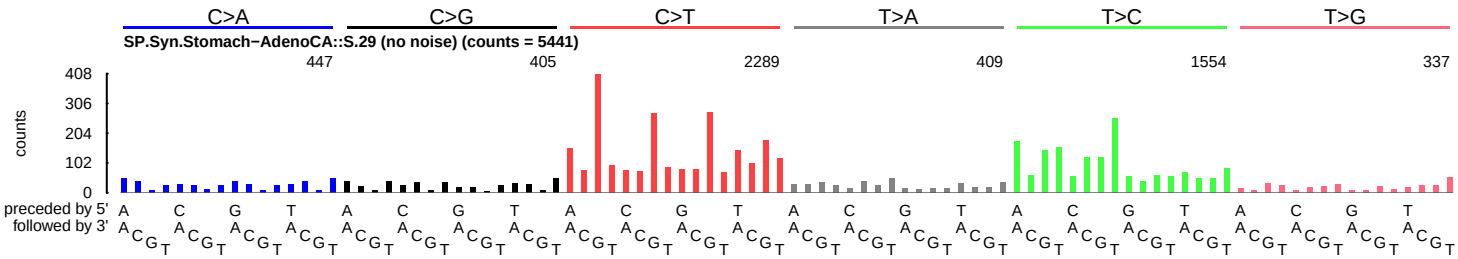

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Stomach−AdenoCA::S.24 (no noise) (counts = 15055)
853
1351
4505
2271
3373
2702
counts
832
624
416
208
0
preceded by 5'
followed by 3'

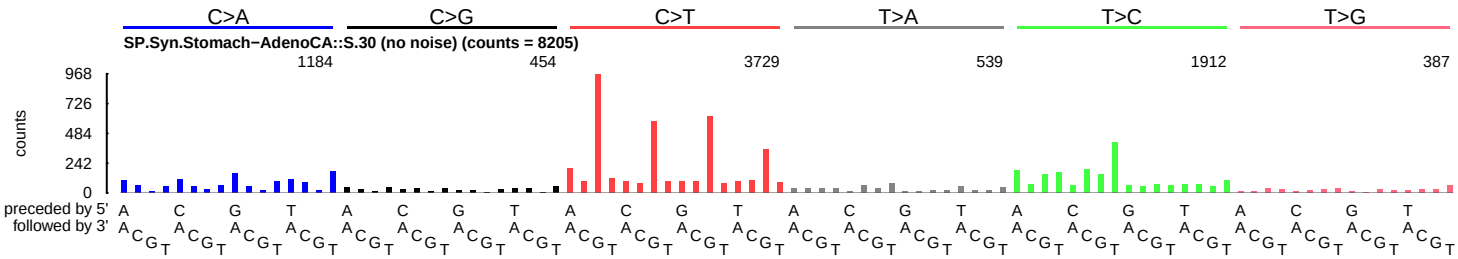

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Stomach−AdenoCA::S.25 (no noise) (counts = 16041)
2227
1260
5433
1112
3687
2322
860
645
430
215
0
counts
preceded by 5'
followed by 3'

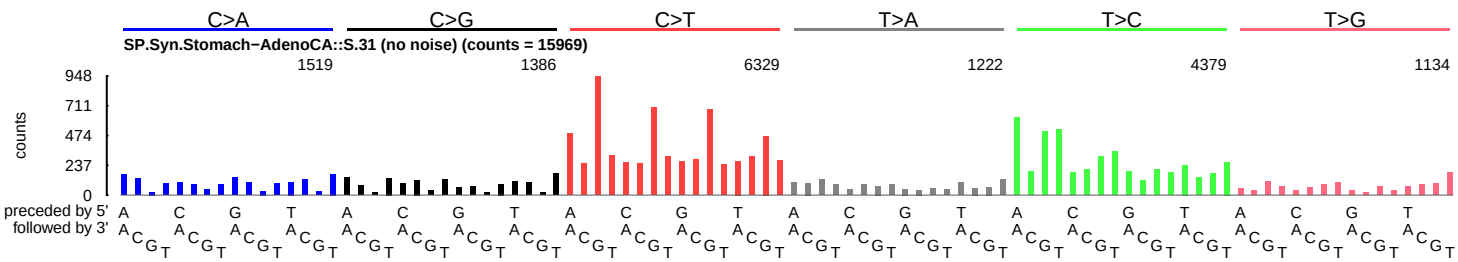

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Stomach−AdenoCA::S.26 (no noise) (counts = 13934)
2175
714
2445
785
1907
5908
3176
2382
1588
794
0
counts
preceded by 5'
followed by 3'

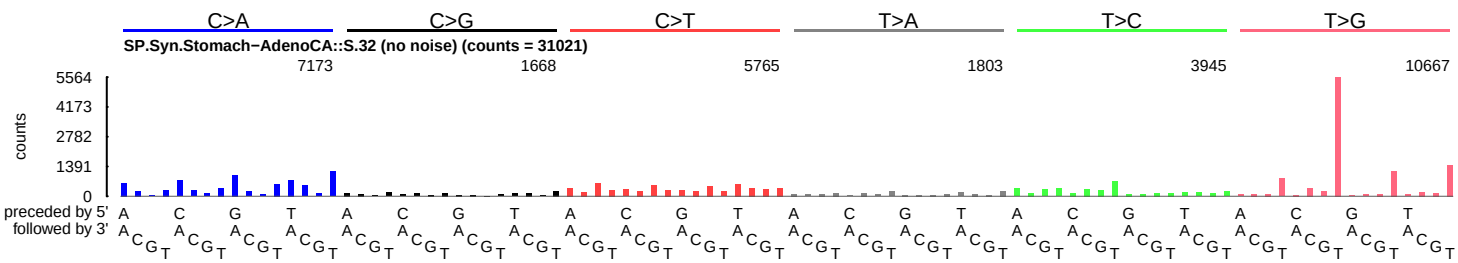

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Stomach−AdenoCA::S.27 (no noise) (counts = 16274)
1455
1162
3223
1491
5539
3404
1808
1356
904
452
0
counts
preceded by 5'
followed by 3'

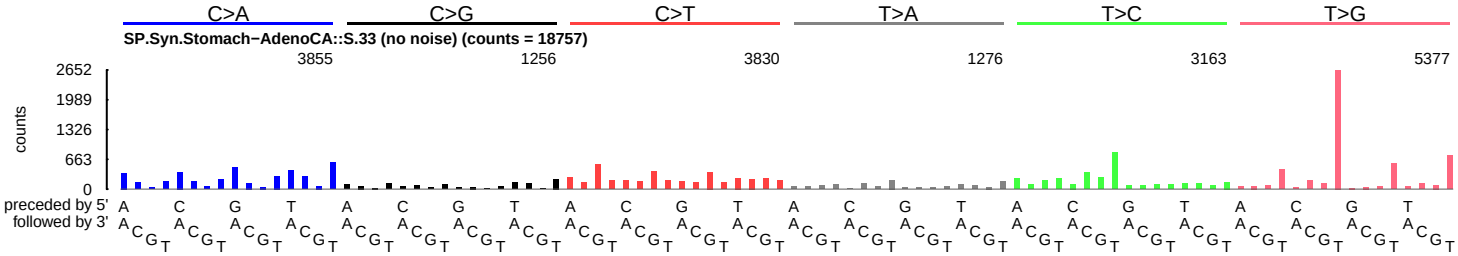

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Stomach−AdenoCA::S.28 (no noise) (counts = 8709)
1216
1123
2659
899
2030
782
272
204
136
68
0
counts
preceded by 5'
followed by 3'

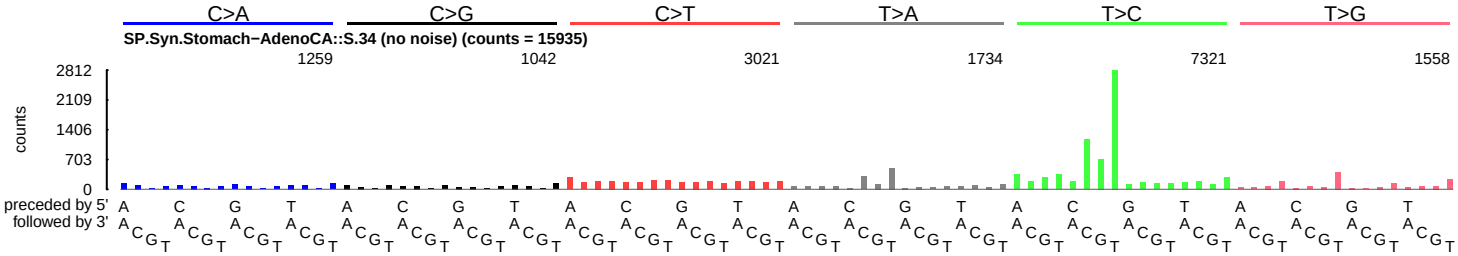

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Stomach−AdenoCA::S.29 (no noise) (counts = 5441)
447
405
2289
409
1554
337
408
306
204
102
0
counts
preceded by 5'
followed by 3'

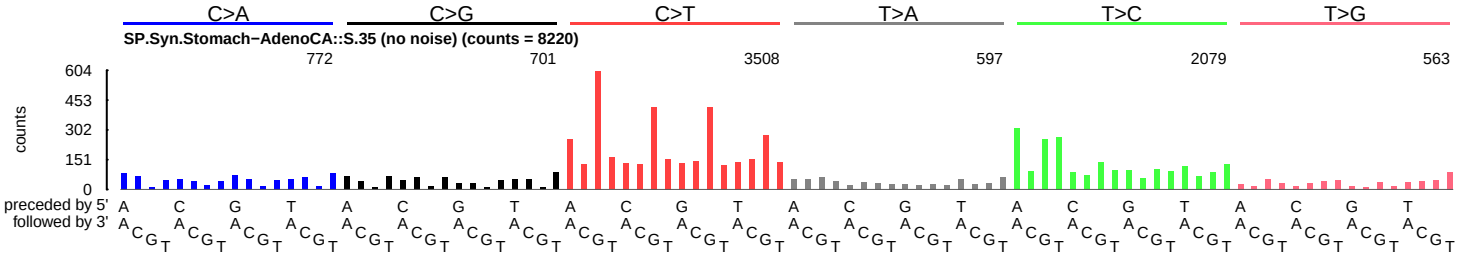

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Stomach−AdenoCA::S.30 (no noise) (counts = 8205)
1184
454
3729
539
1912
387
968
726
484
242
0
counts
preceded by 5'
followed by 3'

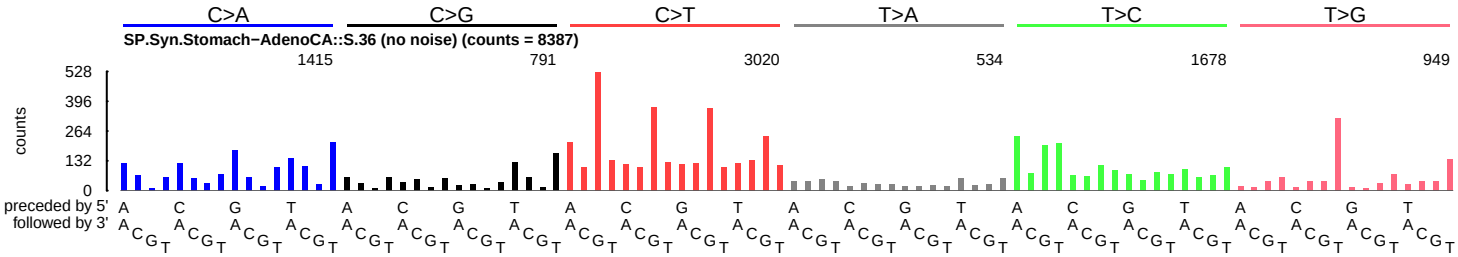

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Stomach−AdenoCA::S.31 (no noise) (counts = 15969)
1519
1386
6329
1222
4379
1134
948
711
474
237
0
counts
preceded by 5'
followed by 3'

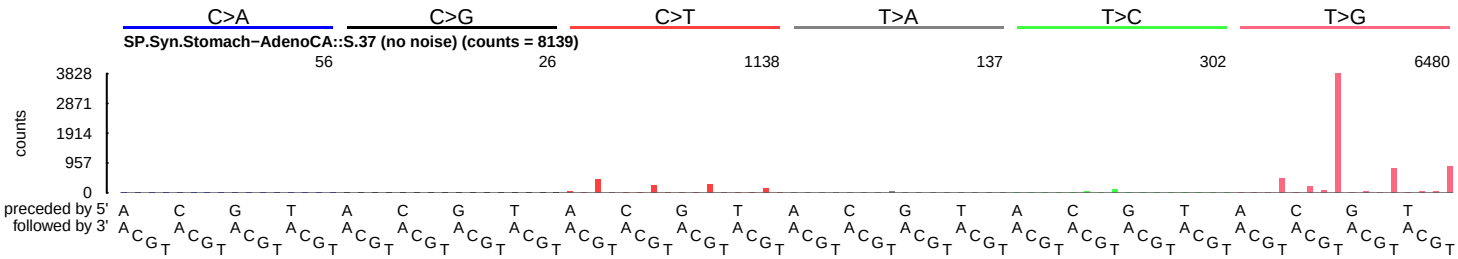

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Stomach−AdenoCA::S.32 (no noise) (counts = 31021)
7173
1668
5765
1803
3945
10667
5564
4173
2782
1391
0
counts
preceded by 5'
followed by 3'

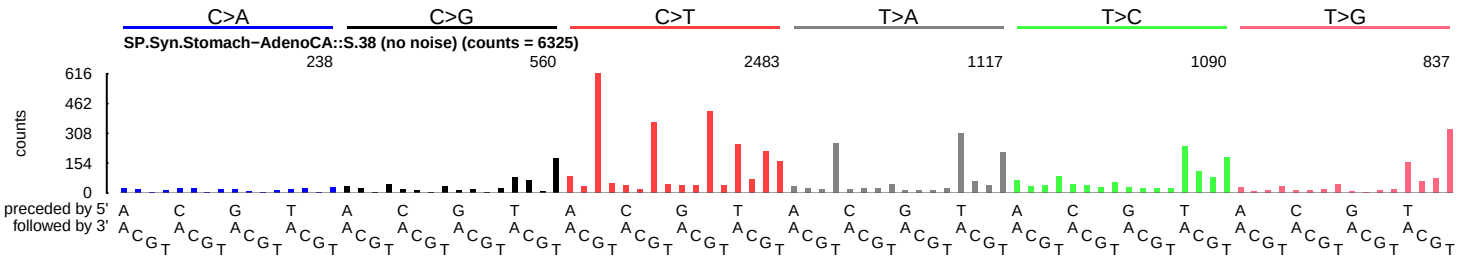

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Stomach−AdenoCA::S.33 (no noise) (counts = 18757)
3855
1256
3830
1276
3163
5377
counts
2652
1989
1326
663
0
preceded by 5'
followed by 3'

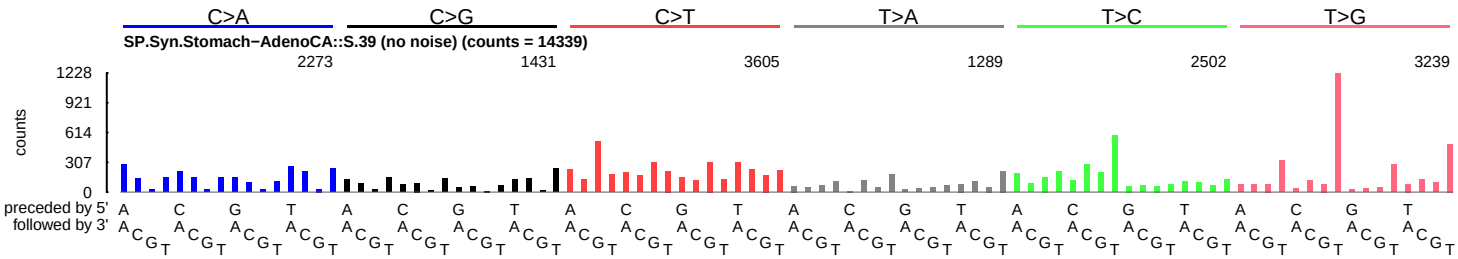

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Stomach−AdenoCA::S.34 (no noise) (counts = 15935)
1259
1042
3021
1734
7321
1558
counts
2812
2109
1406
703
0
preceded by 5'
followed by 3'

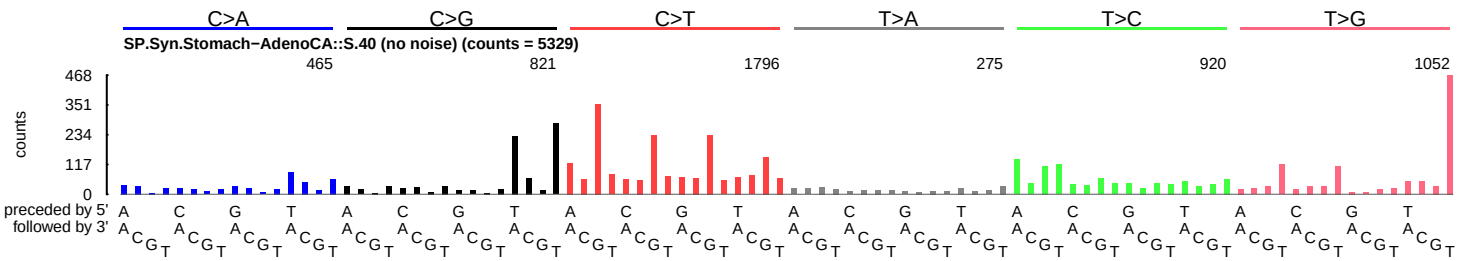

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Stomach−AdenoCA::S.35 (no noise) (counts = 8220)
772
701
3508
597
2079
563
counts
604
453
302
151
0
preceded by 5'
followed by 3'

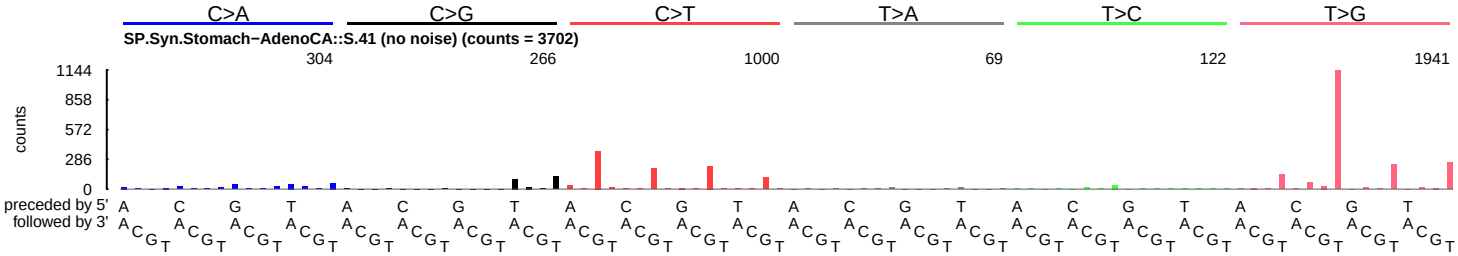

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Stomach−AdenoCA::S.36 (no noise) (counts = 8387)
1415
791
3020
534
1678
949
counts
528
396
264
132
0
preceded by 5'
followed by 3'

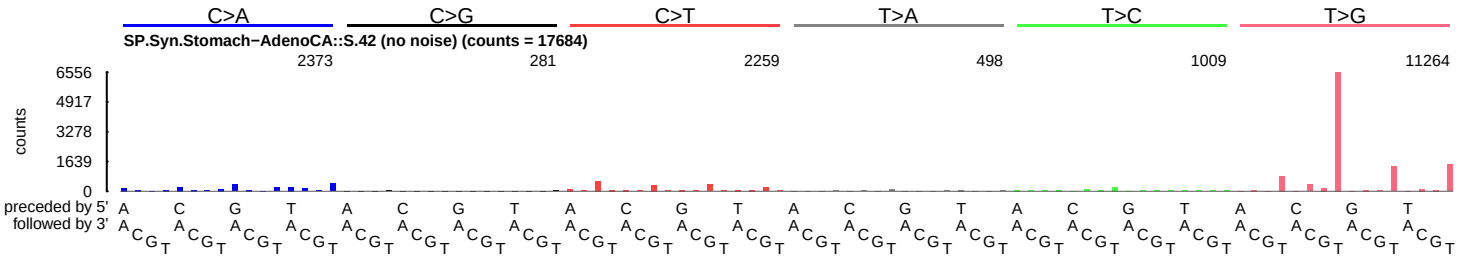

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Stomach−AdenoCA::S.37 (no noise) (counts = 8139)
56
26
1138
137
302
6480
counts
3828
2871
1914
957
0
preceded by 5'
followed by 3'

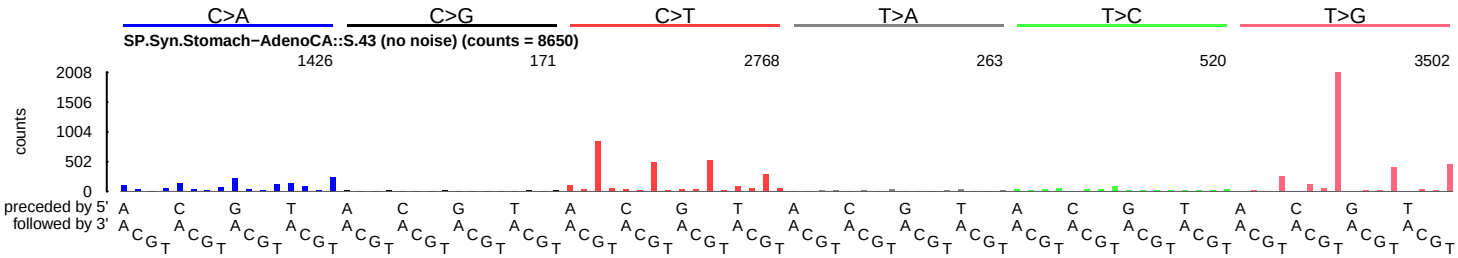

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Stomach−AdenoCA::S.38 (no noise) (counts = 6325)
238
560
2483
1117
1090
837
counts
616
462
308
154
0
preceded by 5'
followed by 3'

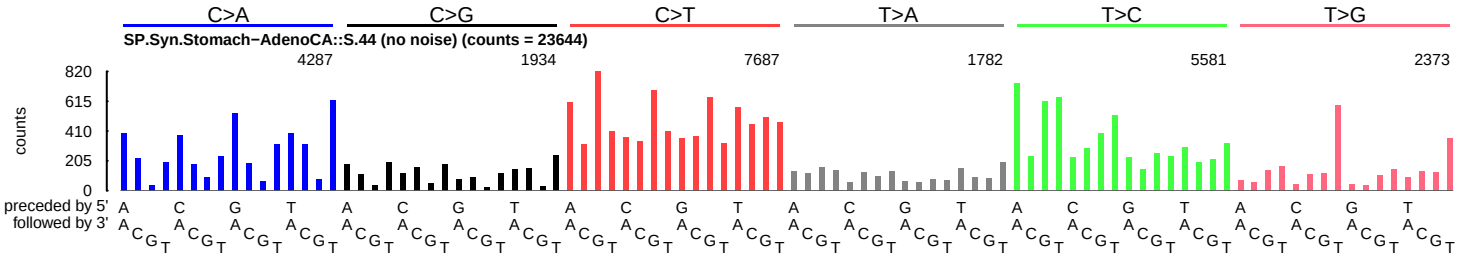

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Stomach−AdenoCA::S.39 (no noise) (counts = 14339)
2273
1431
3605
1289
2502
3239
counts
1228
921
614
307
0
preceded by 5'
followed by 3'

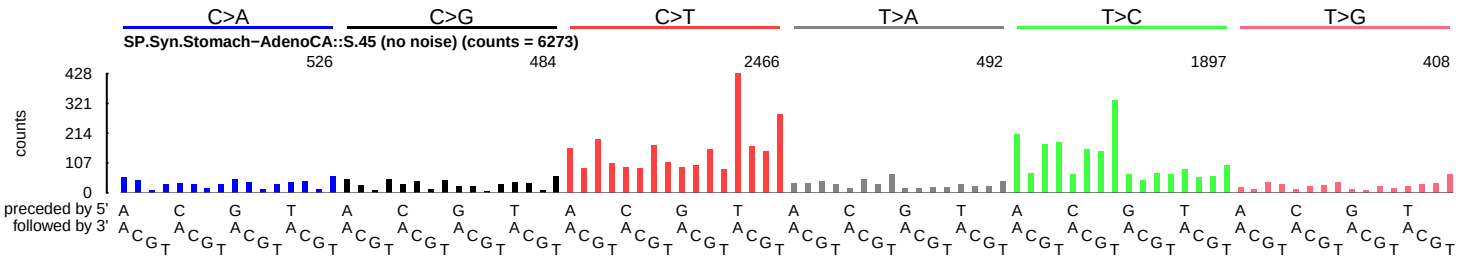

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Stomach−AdenoCA::S.40 (no noise) (counts = 5329)
465
821
1796
275
920
1052
counts
468
351
234
117
0
preceded by 5'
followed by 3'

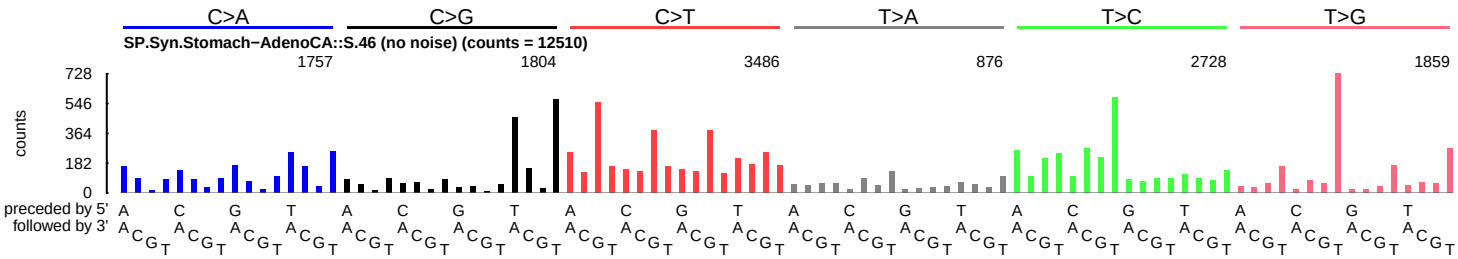

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Stomach−AdenoCA::S.41 (no noise) (counts = 3702)
304
266
1000
69
122
1941
counts
1144
858
572
286
0
preceded by 5'
followed by 3'

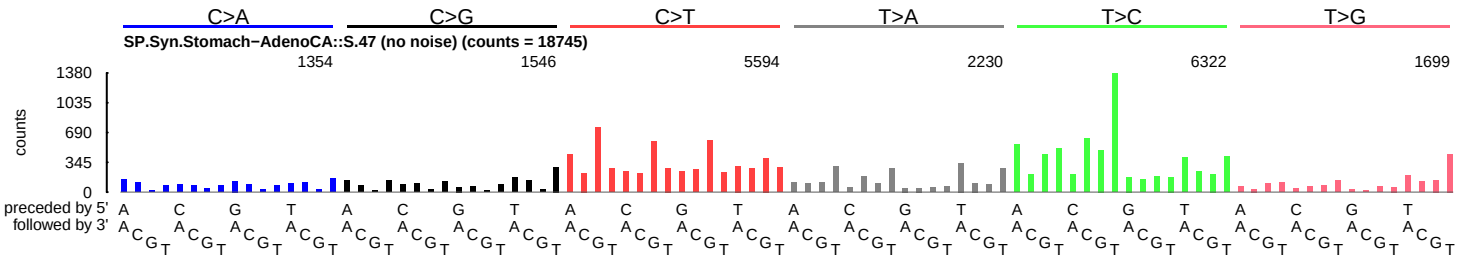

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Stomach−AdenoCA::S.42 (no noise) (counts = 17684)
2373
281
2259
498
1009
11264
counts
6556
4917
3278
1639
0
preceded by 5'
followed by 3'

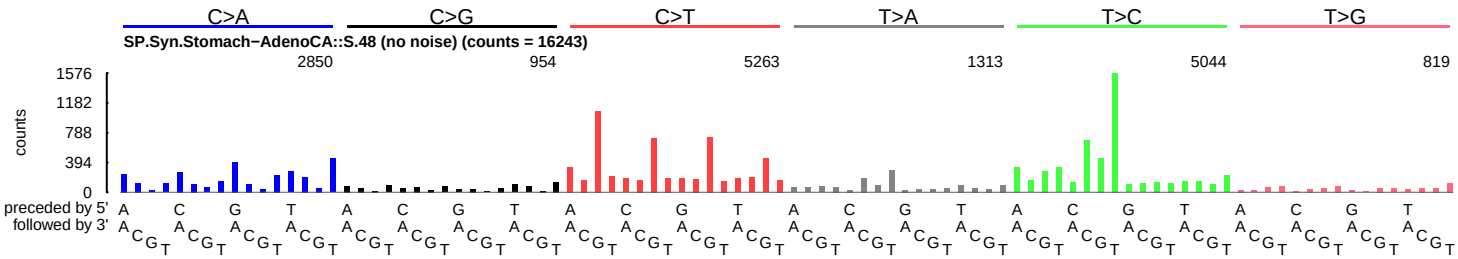

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Stomach−AdenoCA::S.43 (no noise) (counts = 8650)
1426
171
2768
263
520
3502
counts
2008
1506
1004
502
0
preceded by 5'
followed by 3'

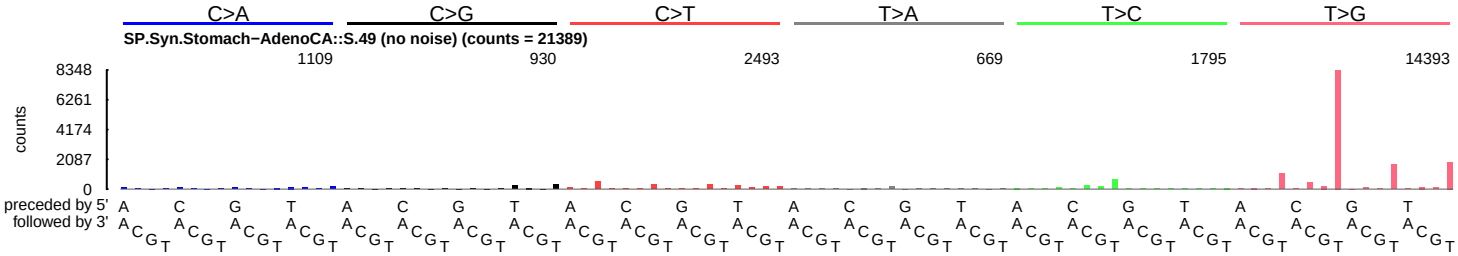

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Stomach−AdenoCA::S.44 (no noise) (counts = 23644)
4287
1934
7687
1782
5581
2373
counts
820
615
410
205
0
preceded by 5'
followed by 3'

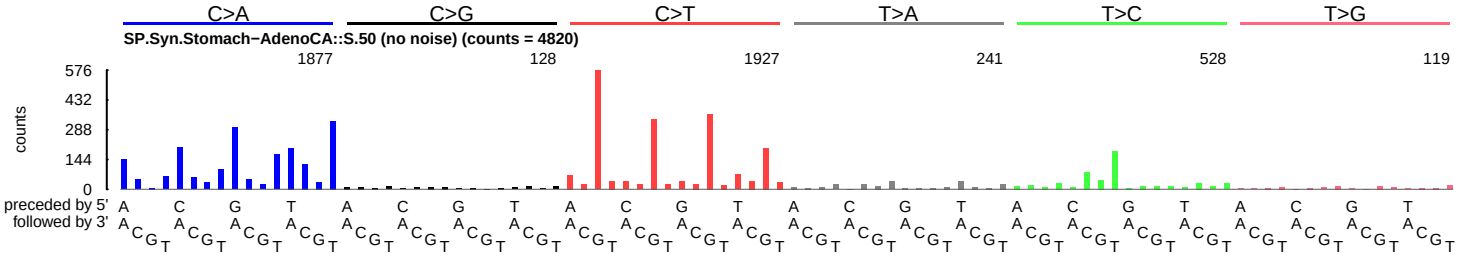

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Stomach−AdenoCA::S.45 (no noise) (counts = 6273)
526
484
2466
492
1897
408
counts
428
321
214
107
0
preceded by 5'
followed by 3'

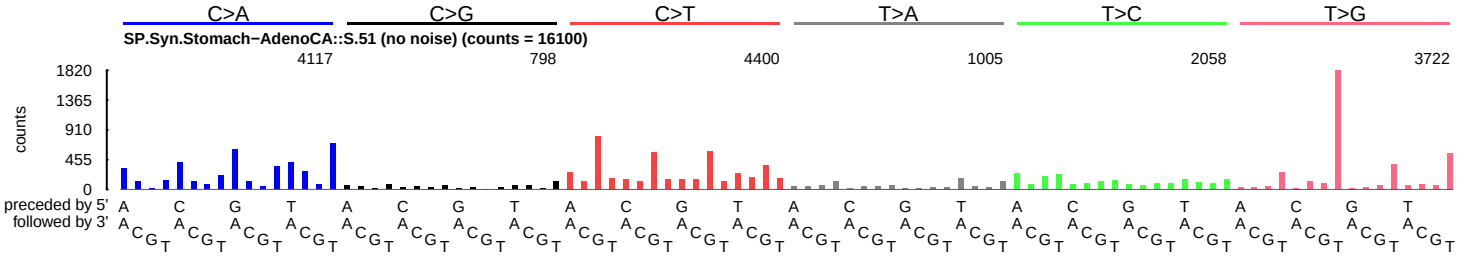

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Stomach−AdenoCA::S.46 (no noise) (counts = 12510)
1757
1804
3486
876
2728
1859
counts
728
546
364
182
0
preceded by 5'
followed by 3'

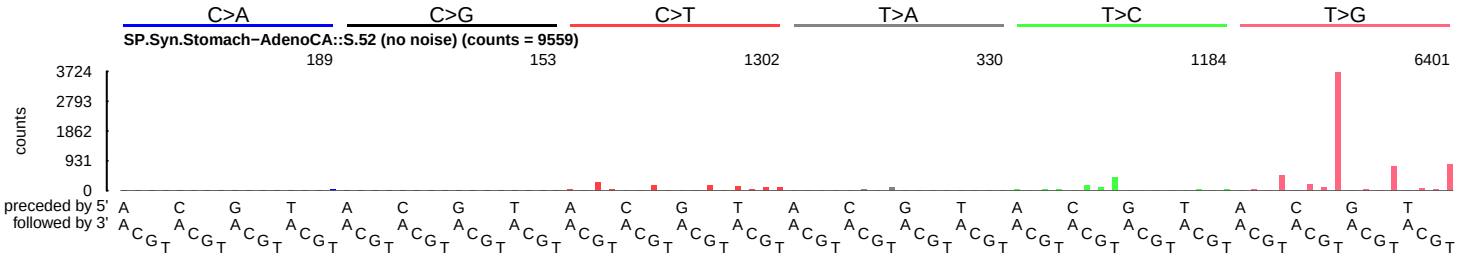

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Stomach−AdenoCA::S.47 (no noise) (counts = 18745)
1354
1546
5594
2230
6322
1699
counts
1380
1035
690
345
0
preceded by 5'
followed by 3'

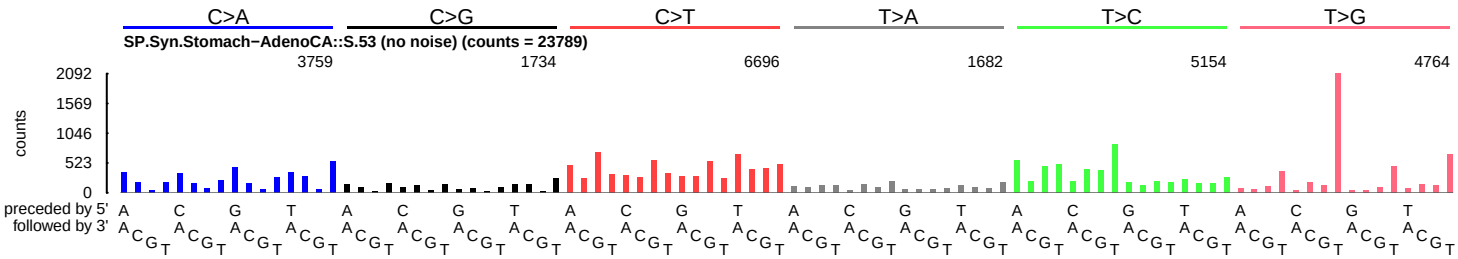

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Stomach−AdenoCA::S.48 (no noise) (counts = 16243)
2850
954
5263
1313
5044
819
counts
1576
1182
788
394
0
preceded by 5'
followed by 3'

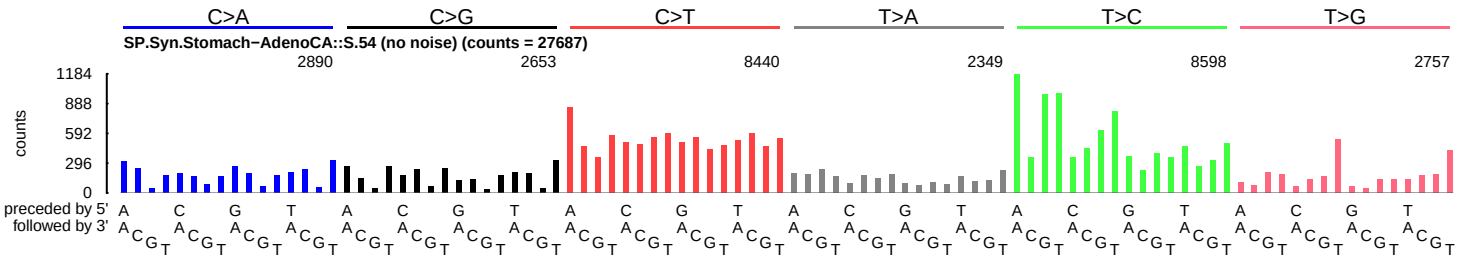

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Stomach−AdenoCA::S.49 (no noise) (counts = 21389)
1109
930
2493
669
1795
14393
counts
8348
6261
4174
2087
0
preceded by 5'
followed by 3'

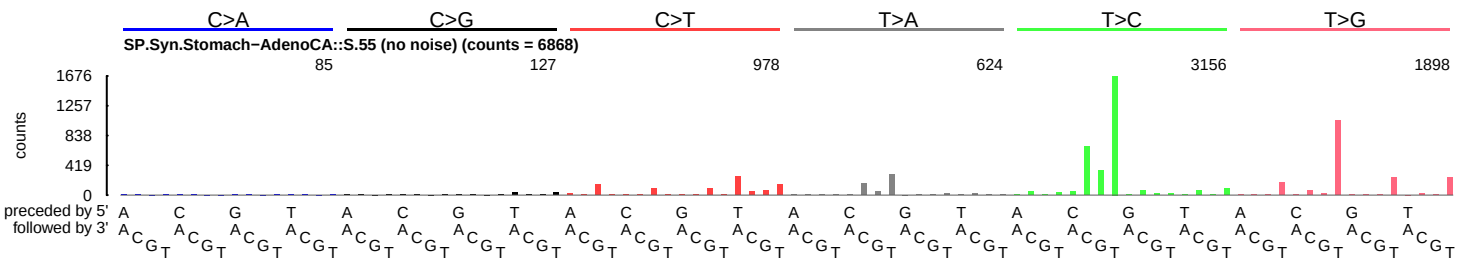

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Stomach−AdenoCA::S.50 (no noise) (counts = 4820)
1877
128
1927
241
528
119
counts
576
432
288
144
0
preceded by 5'
followed by 3'

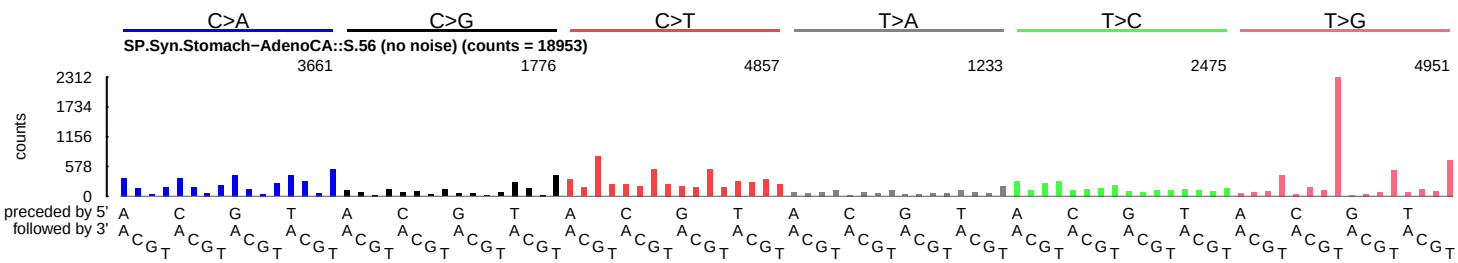

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Stomach−AdenoCA::S.51 (no noise) (counts = 16100)
4117
798
4400
1005
2058
3722
counts
1820
1365
910
455
0
preceded by 5'
followed by 3'

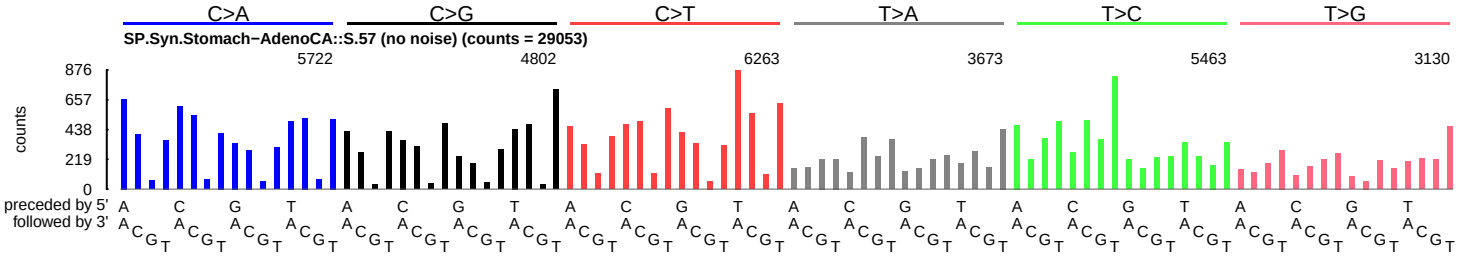

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Stomach−AdenoCA::S.52 (no noise) (counts = 9559)
189
153
1302
330
1184
6401
counts
3724
2793
1862
931
0
preceded by 5'
followed by 3'

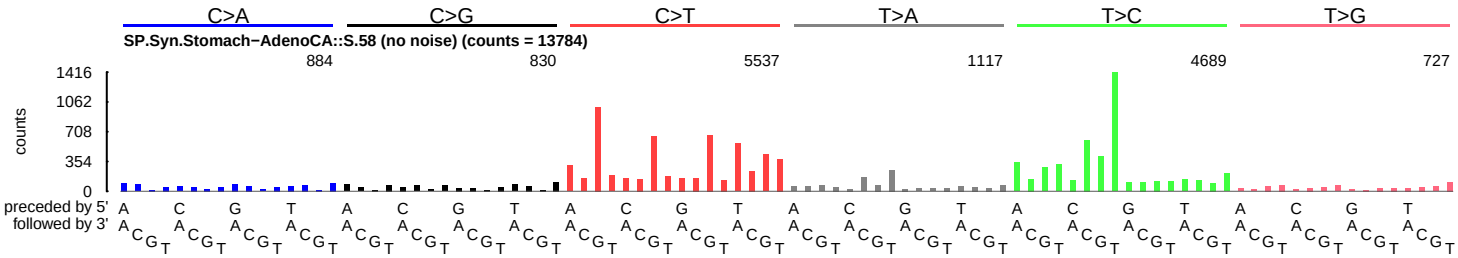

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Stomach−AdenoCA::S.53 (no noise) (counts = 23789)
3759
1734
6696
1682
5154
4764
counts
2092
1569
1046
523
0
preceded by 5'
followed by 3'

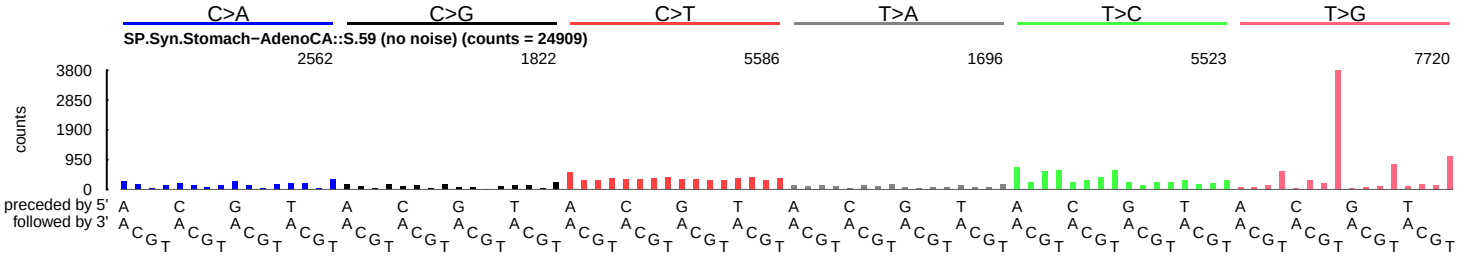

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Stomach−AdenoCA::S.54 (no noise) (counts = 27687)
2890
2653
8440
2349
8598
2757
counts
1184
888
592
296
0
preceded by 5'
followed by 3'

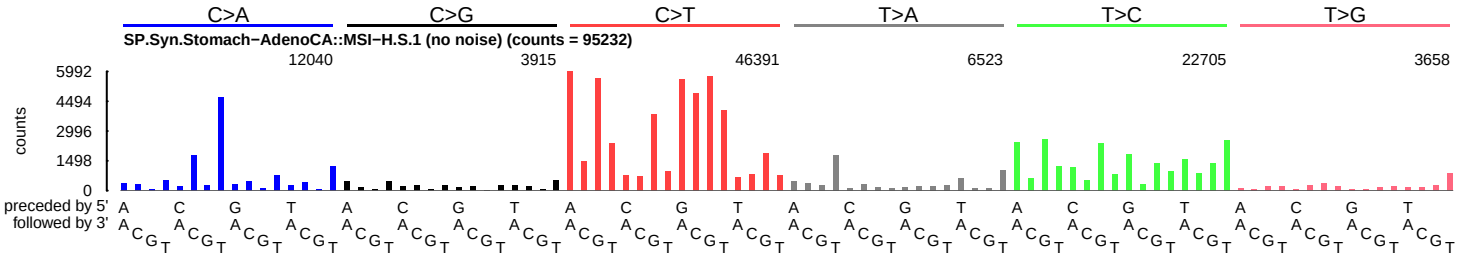

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Stomach−AdenoCA::S.55 (no noise) (counts = 6868)
85
127
978
624
3156
1898
counts
1676
1257
838
419
0
preceded by 5'
followed by 3'


C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Stomach−AdenoCA::S.56 (no noise) (counts = 18953)
3661
1776
4857
1233
2475
4951
counts
2312
1734
1156
578
0
preceded by 5'
followed by 3'


C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Stomach−AdenoCA::S.57 (no noise) (counts = 29053)
5722
4802
6263
3673
5463
3130
counts
876
657
438
219
0
preceded by 5'
followed by 3'


C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Stomach−AdenoCA::S.58 (no noise) (counts = 13784)
884
830
5537
1117
4689
727
counts
1416
1062
708
354
0
preceded by 5'
followed by 3'


C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Stomach−AdenoCA::S.59 (no noise) (counts = 24909)
2562
1822
5586
1696
5523
7720
counts
3800
2850
1900
950
0
preceded by 5'
followed by 3'


C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Stomach−AdenoCA::MSI−H.S.1 (no noise) (counts = 95232)
12040
3915
46391
6523
22705
3658
counts
5992
4494
2996
1498
0
preceded by 5'
followed by 3'