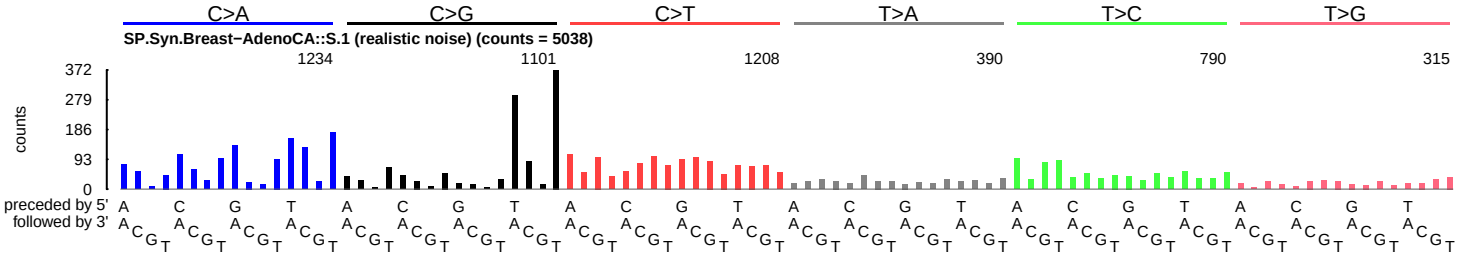
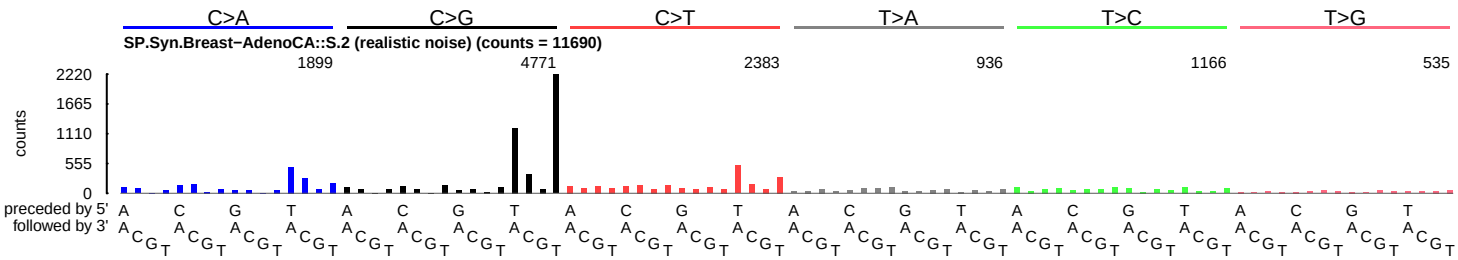
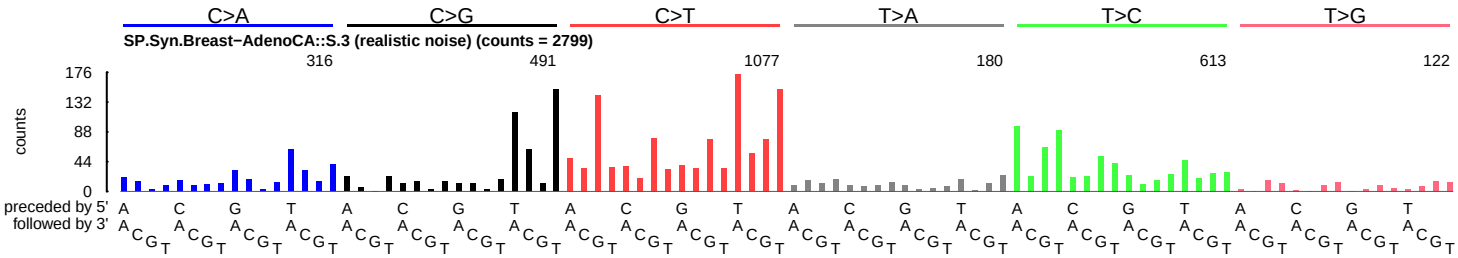
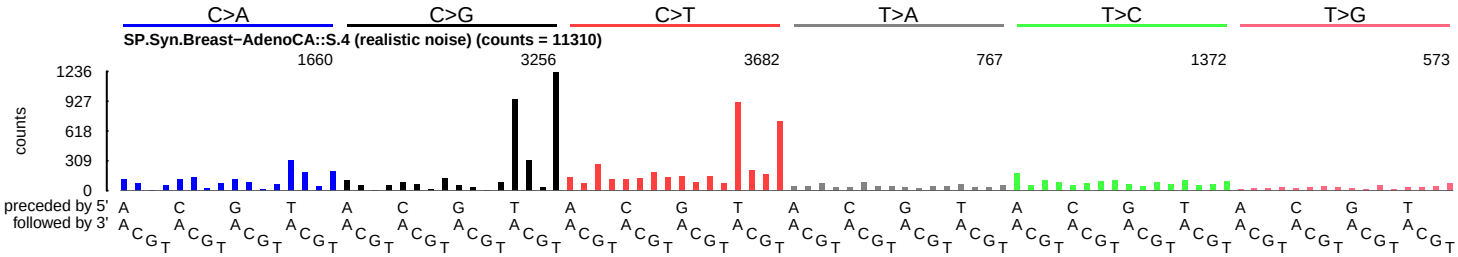
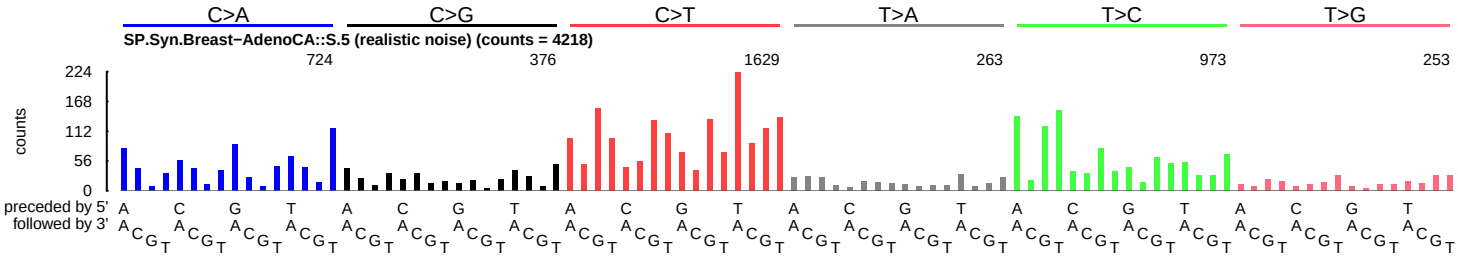
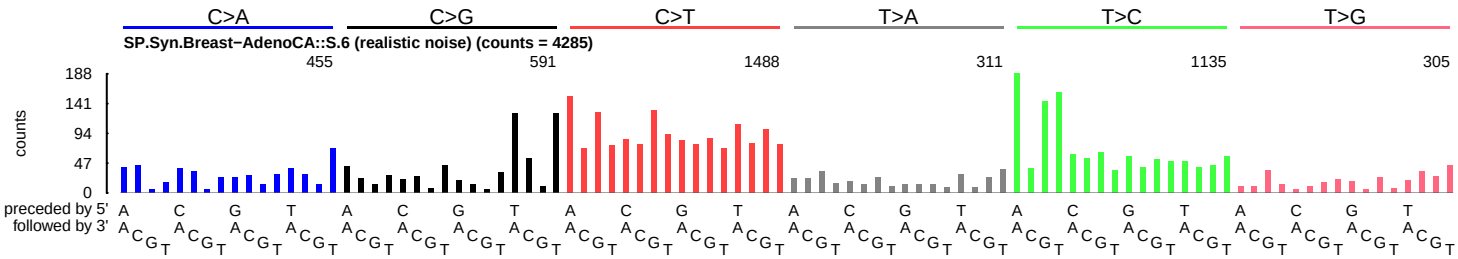

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Breast−AdenoCA::S.1 (realistic noise) (counts = 5038)
1234
1101
1208
390
790
315
counts
372
279
186
93
0
preceded by 5'
followed by 3'

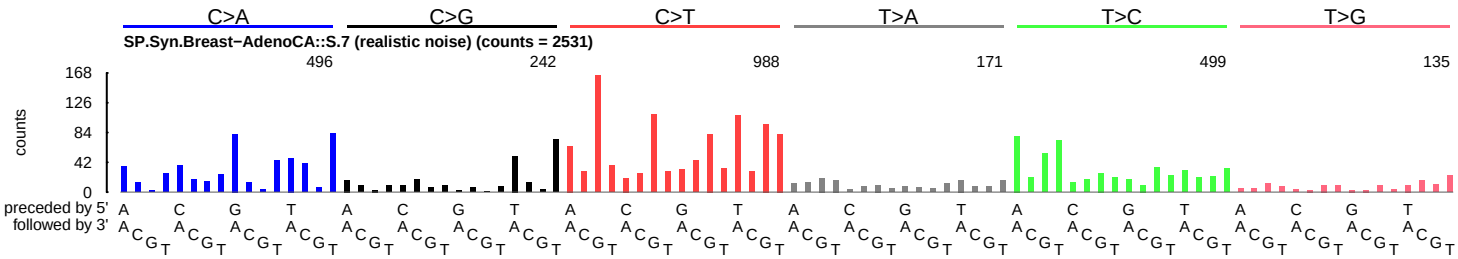

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Breast−AdenoCA::S.2 (realistic noise) (counts = 11690)
1899
4771
2383
936
1166
535
counts
2220
1665
1110
555
0
preceded by 5'
followed by 3'

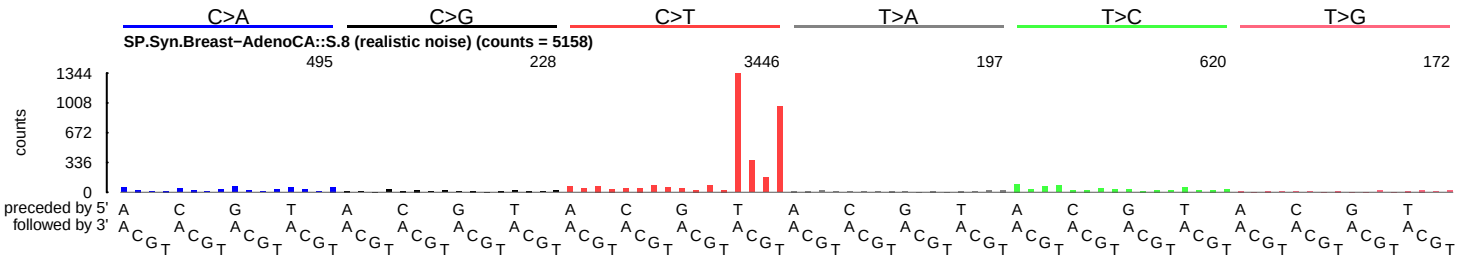

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Breast−AdenoCA::S.3 (realistic noise) (counts = 2799)
316
491
1077
180
613
122
counts
176
132
88
44
0
preceded by 5'
followed by 3'

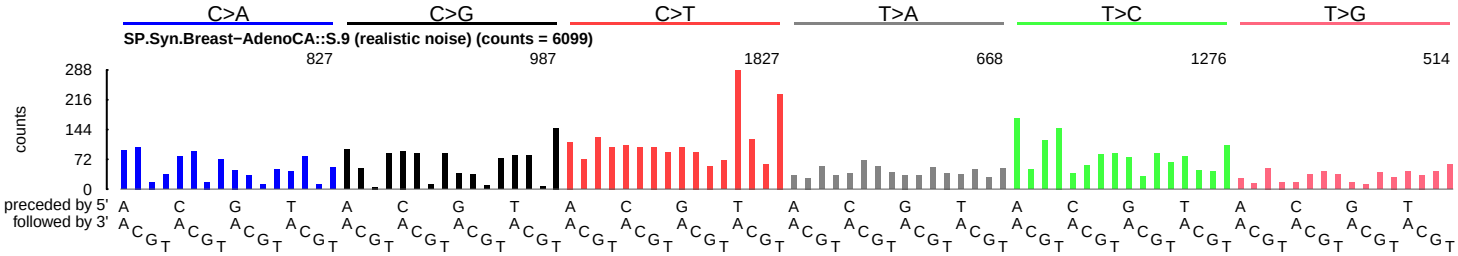

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Breast−AdenoCA::S.4 (realistic noise) (counts = 11310)
1660
3256
3682
767
1372
573
counts
1236
927
618
309
0
preceded by 5'
followed by 3'

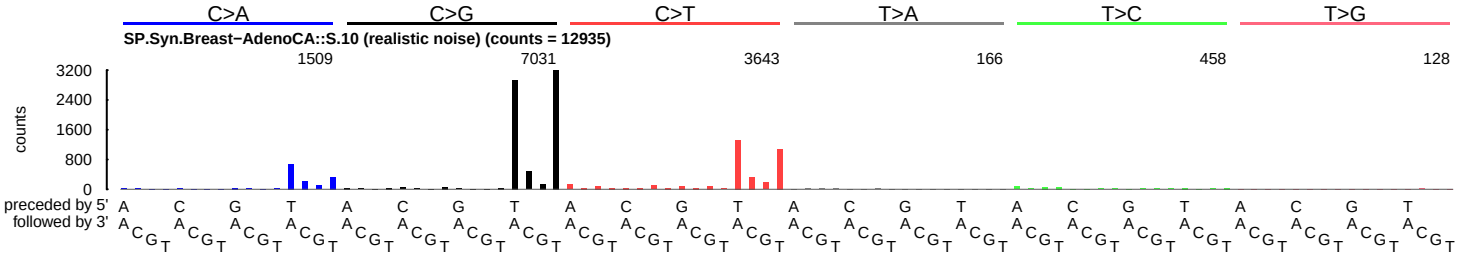

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Breast−AdenoCA::S.5 (realistic noise) (counts = 4218)
724
376
1629
263
973
253
counts
224
168
112
56
0
preceded by 5'
followed by 3'

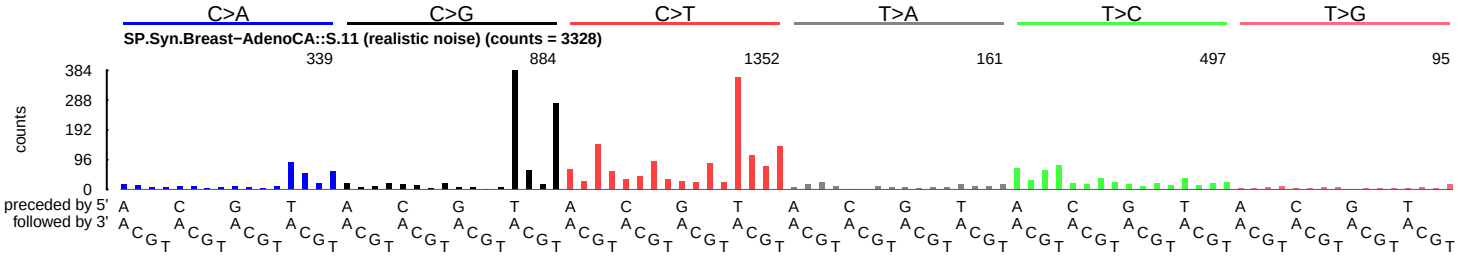

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Breast−AdenoCA::S.6 (realistic noise) (counts = 4285)
455
591
1488
311
1135
305
counts
188
141
94
47
0
preceded by 5'
followed by 3'

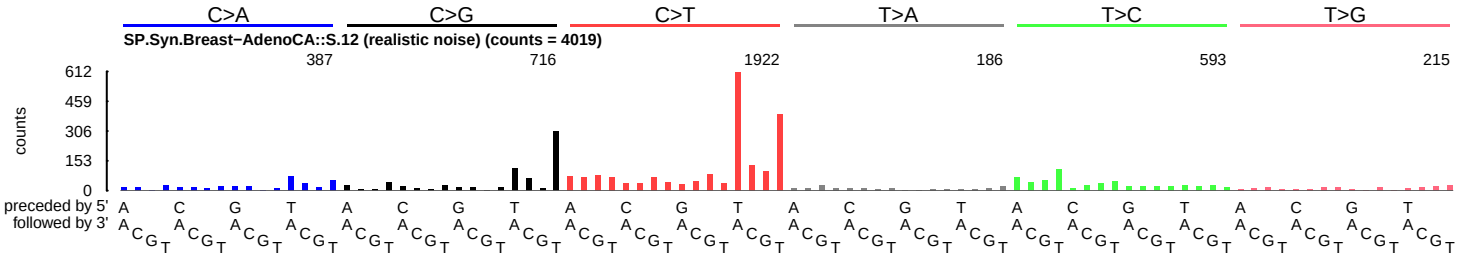

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Breast−AdenoCA::S.7 (realistic noise) (counts = 2531)
496
242
988
171
499
135
counts
168
126
84
42
0
preceded by 5'
followed by 3'

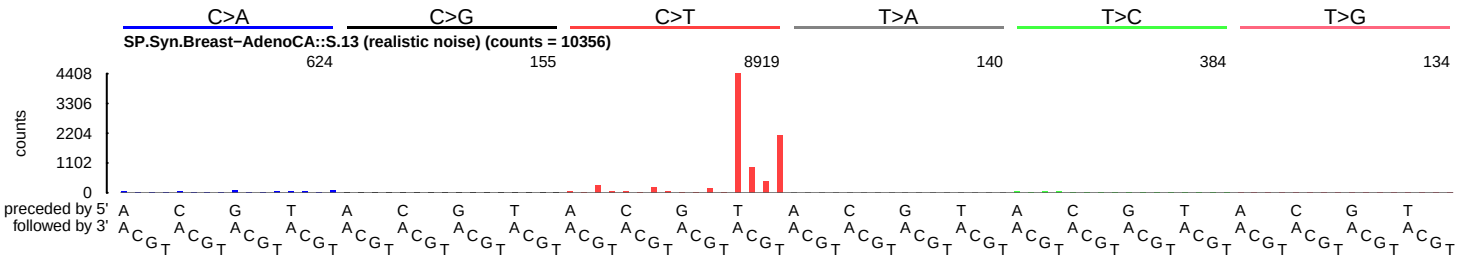

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Breast−AdenoCA::S.8 (realistic noise) (counts = 5158)
495
228
3446
197
620
172
counts
1344
1008
672
336
0
preceded by 5'
followed by 3'

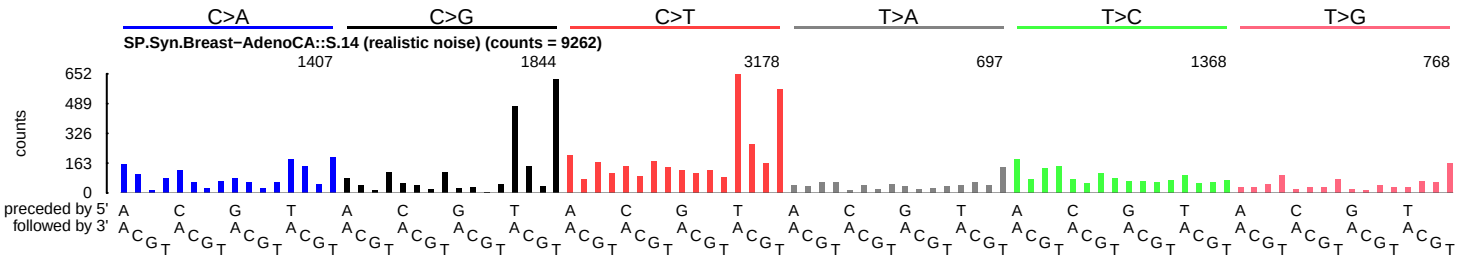

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Breast−AdenoCA::S.9 (realistic noise) (counts = 6099)
827
987
1827
668
1276
514
counts
288
216
144
72
0
preceded by 5'
followed by 3'

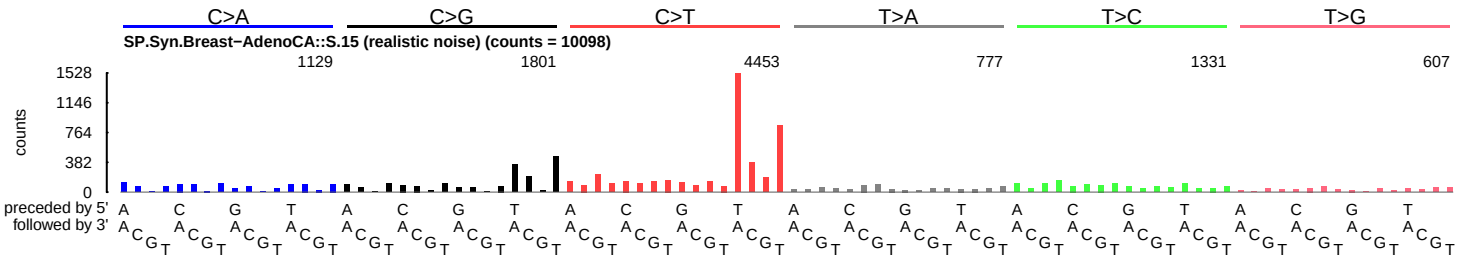

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Breast−AdenoCA::S.10 (realistic noise) (counts = 12935)
1509
7031
3643
166
458
128
counts
3200
2400
1600
800
0
preceded by 5'
followed by 3'

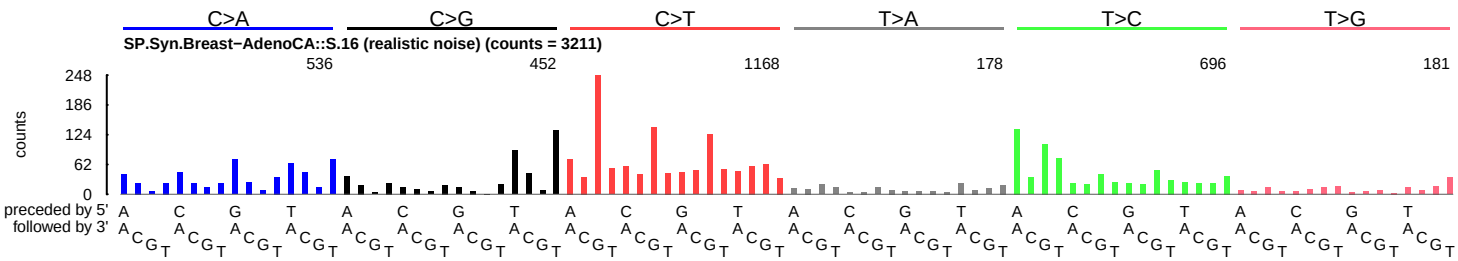

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Breast−AdenoCA::S.11 (realistic noise) (counts = 3328)
339
884
1352
161
497
95
counts
384
288
192
96
0
preceded by 5'
followed by 3'

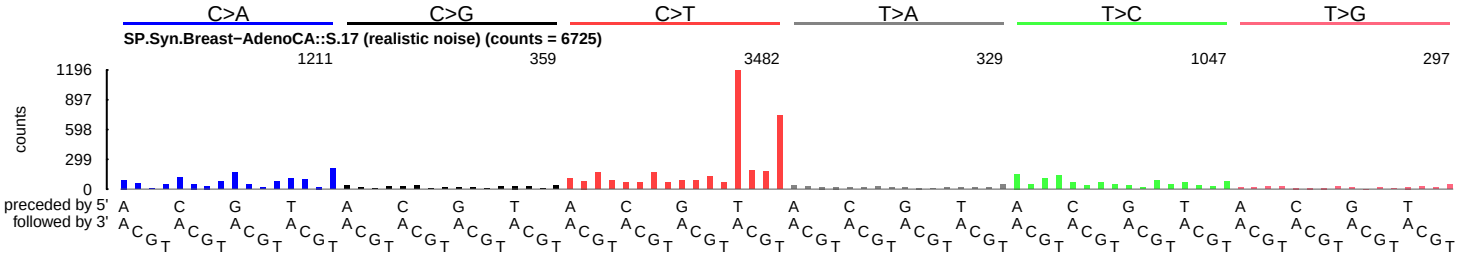

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Breast−AdenoCA::S.12 (realistic noise) (counts = 4019)
387
716
1922
186
593
215
counts
612
459
306
153
0
preceded by 5'
followed by 3'

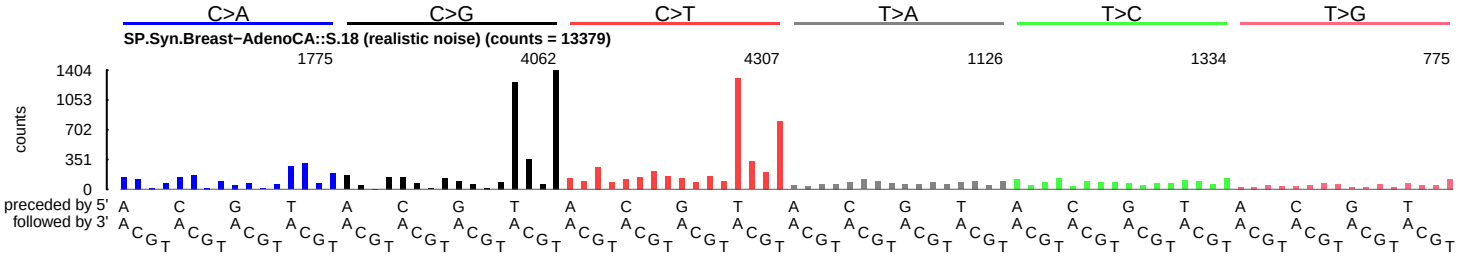

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Breast−AdenoCA::S.13 (realistic noise) (counts = 10356)
624
155
8919
140
384
134
counts
4408
3306
2204
1102
0
preceded by 5'
followed by 3'

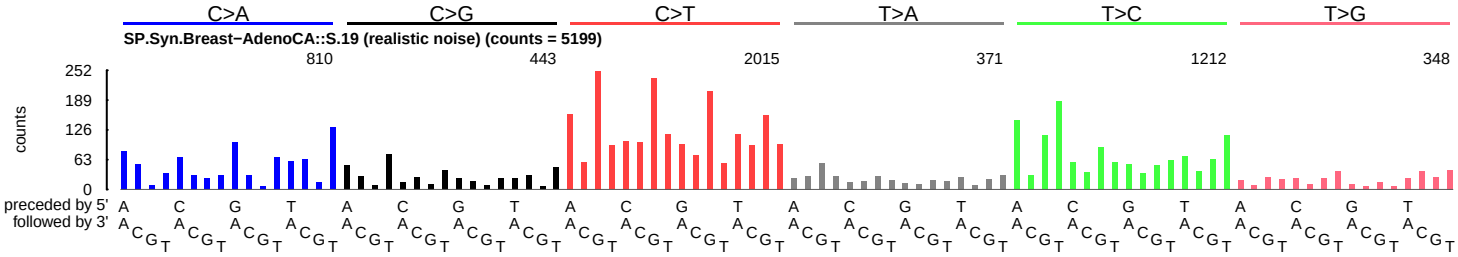

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Breast−AdenoCA::S.14 (realistic noise) (counts = 9262)
1407
1844
3178
697
1368
768
counts
652
489
326
163
0
preceded by 5'
followed by 3'

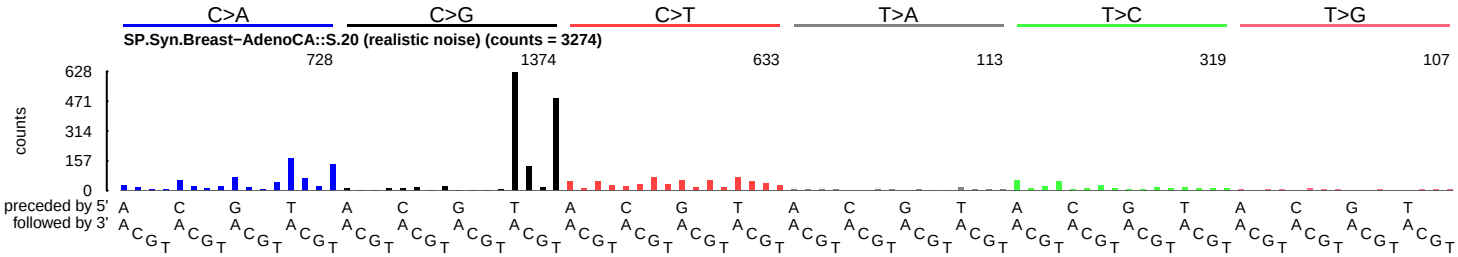

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Breast−AdenoCA::S.15 (realistic noise) (counts = 10098)
1129
1801
4453
777
1331
607
counts
1528
1146
764
382
0
preceded by 5'
followed by 3'

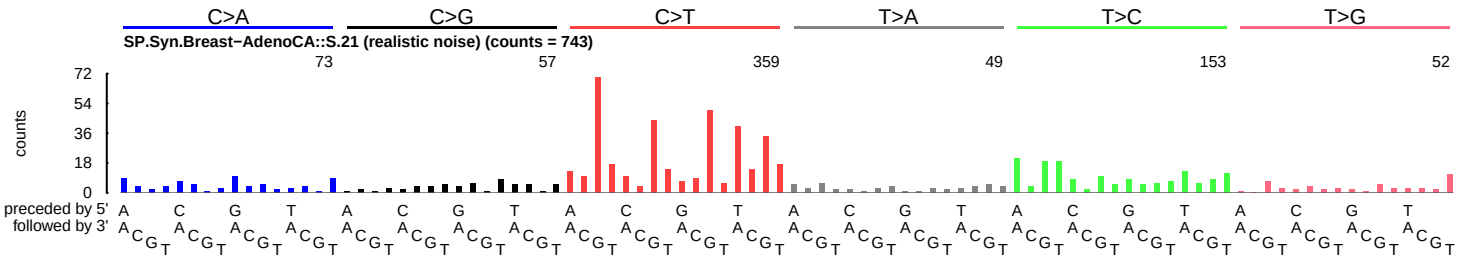

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Breast−AdenoCA::S.16 (realistic noise) (counts = 3211)
536
452
1168
178
696
181
counts
248
186
124
62
0
preceded by 5'
followed by 3'

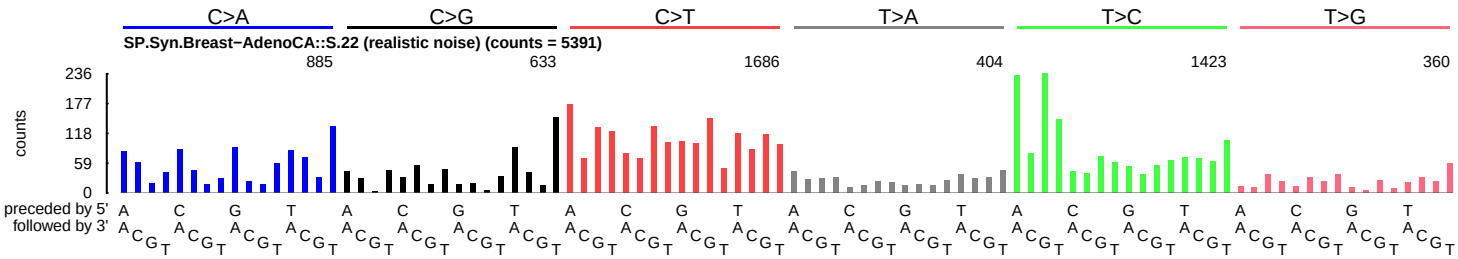

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Breast−AdenoCA::S.17 (realistic noise) (counts = 6725)
1211
359
3482
329
1047
297
counts
1196
897
598
299
0
preceded by 5'
followed by 3'

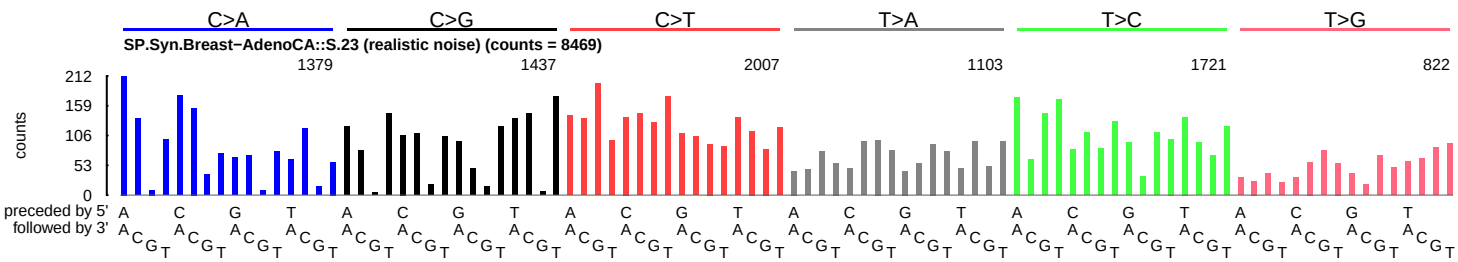

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Breast−AdenoCA::S.18 (realistic noise) (counts = 13379)
1775
4062
4307
1126
1334
775
counts
1404
1053
702
351
0
preceded by 5'
followed by 3'

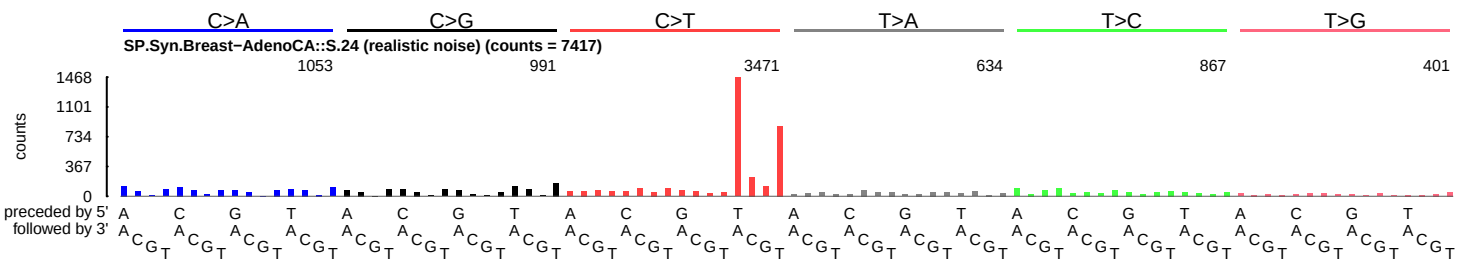

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Breast−AdenoCA::S.19 (realistic noise) (counts = 5199)
810
443
2015
371
1212
348
counts
252
189
126
63
0
preceded by 5'
followed by 3'

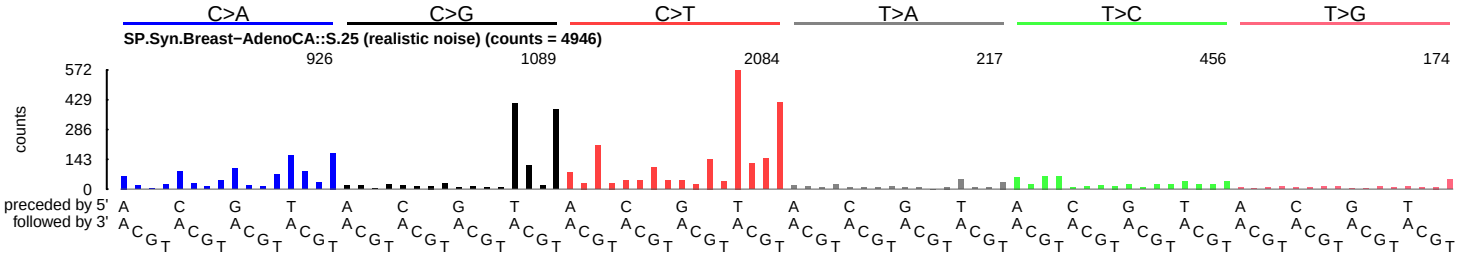

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Breast−AdenoCA::S.20 (realistic noise) (counts = 3274)
728
1374
633
113
319
107
counts
628
471
314
157
0
preceded by 5'
followed by 3'

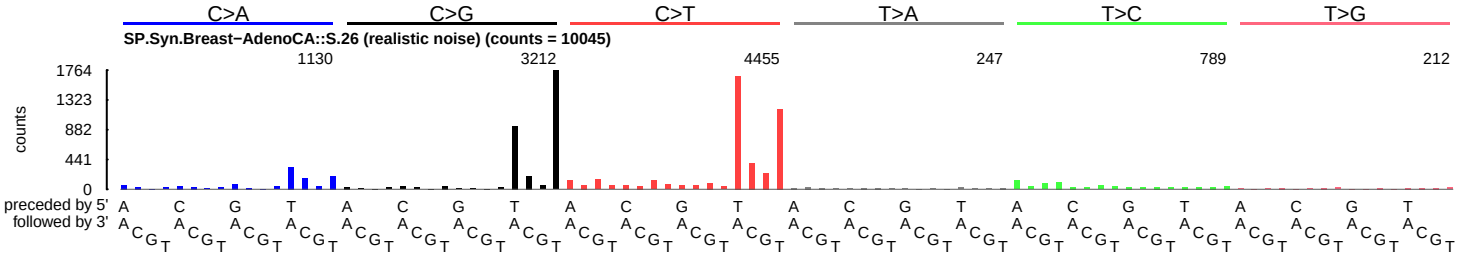

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Breast−AdenoCA::S.21 (realistic noise) (counts = 743)
73
57
359
49
153
52
counts
72
54
36
18
0
preceded by 5'
followed by 3'

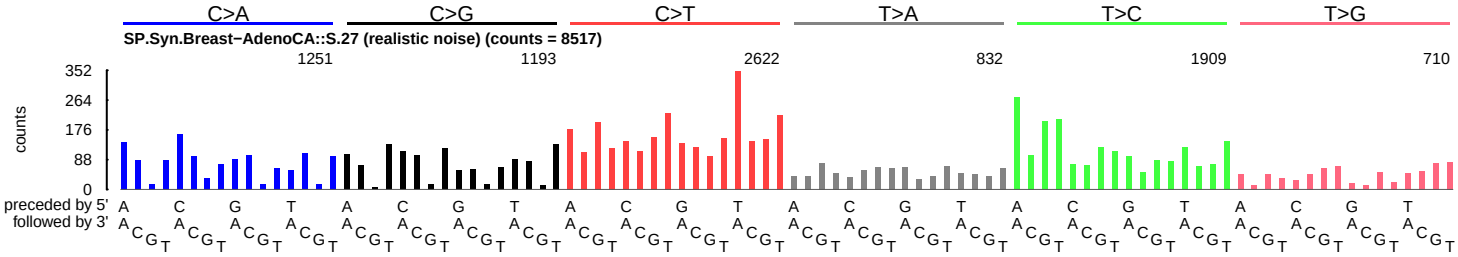

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Breast−AdenoCA::S.22 (realistic noise) (counts = 5391)
885
633
1686
404
1423
360
counts
236
177
118
59
0
preceded by 5'
followed by 3'

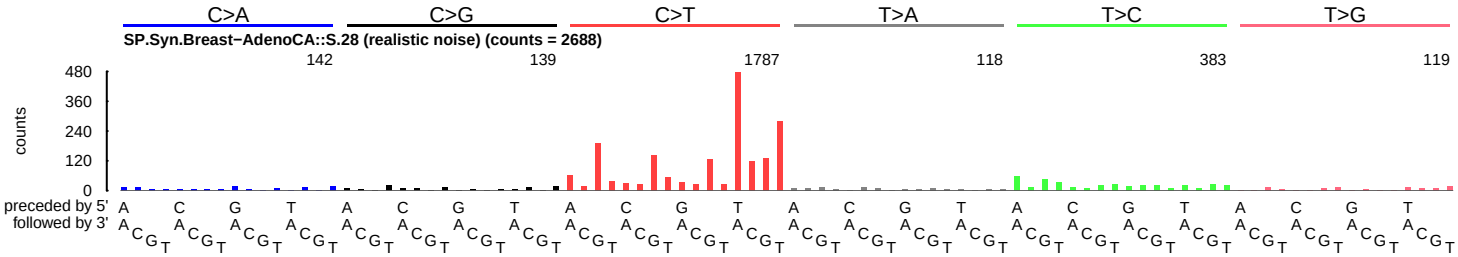

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Breast−AdenoCA::S.23 (realistic noise) (counts = 8469)
1379
1437
2007
1103
1721
822
counts
212
159
106
53
0
preceded by 5'
followed by 3'

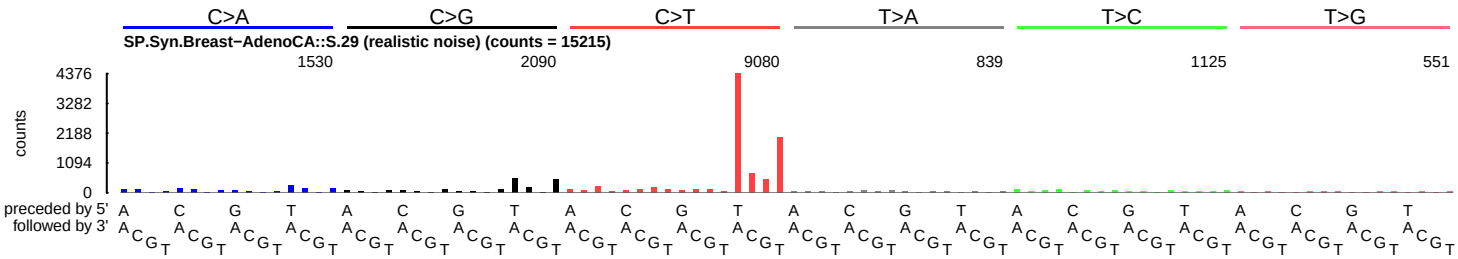

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Breast−AdenoCA::S.24 (realistic noise) (counts = 7417)
1053
991
3471
634
867
401
counts
1468
1101
734
367
0
preceded by 5'
followed by 3'

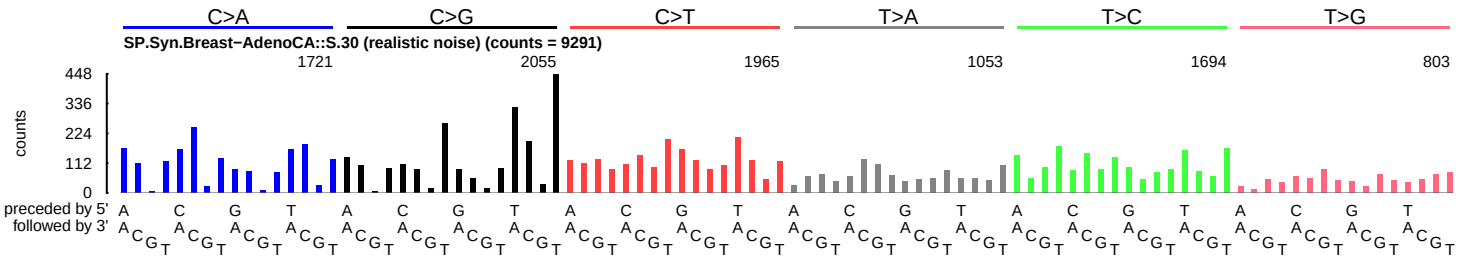

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Breast−AdenoCA::S.25 (realistic noise) (counts = 4946)
926
1089
2084
217
456
174
counts
572
429
286
143
0
preceded by 5'
followed by 3'

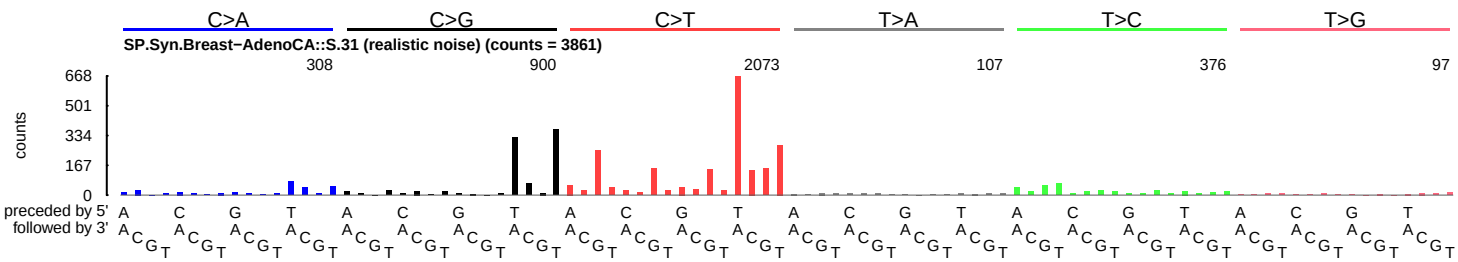

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Breast−AdenoCA::S.26 (realistic noise) (counts = 10045)
1130
3212
4455
247
789
212
counts
1764
1323
882
441
0
preceded by 5'
followed by 3'

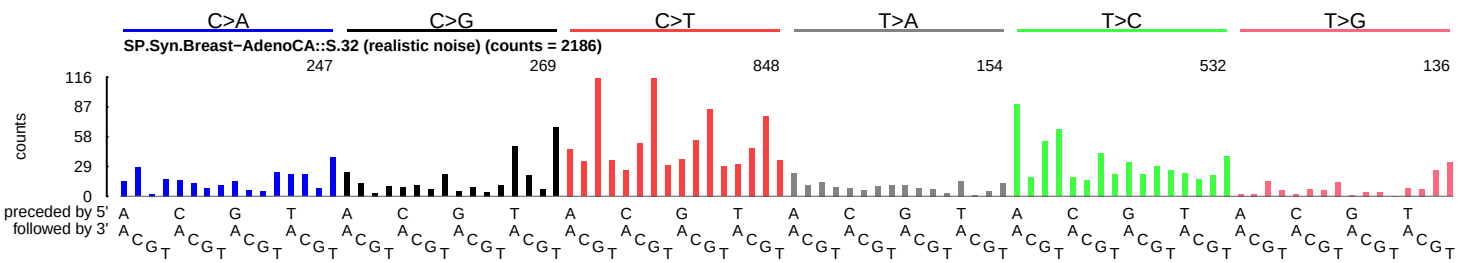

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Breast−AdenoCA::S.27 (realistic noise) (counts = 8517)
1251
1193
2622
832
1909
710
counts
352
264
176
88
0
preceded by 5'
followed by 3'

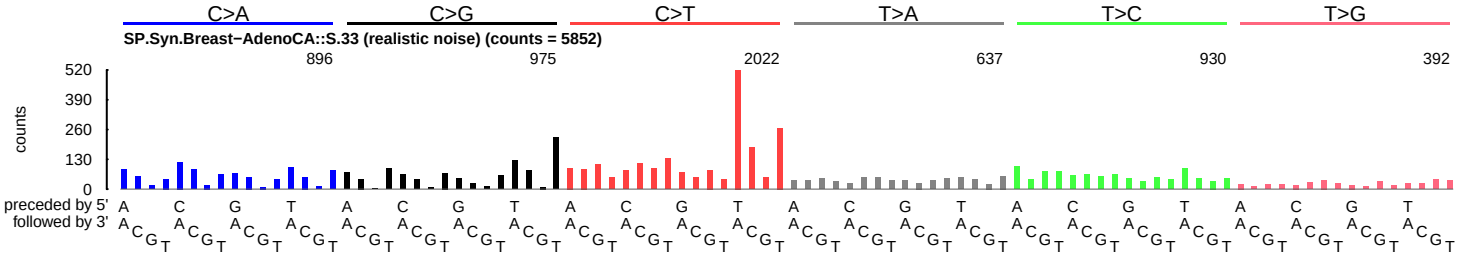

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Breast−AdenoCA::S.28 (realistic noise) (counts = 2688)
142
139
1787
118
383
119
counts
480
360
240
120
0
preceded by 5'
followed by 3'

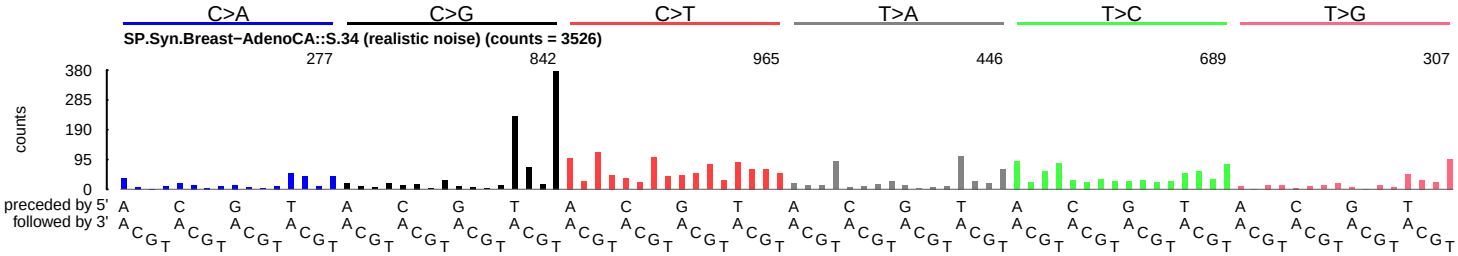

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Breast−AdenoCA::S.29 (realistic noise) (counts = 15215)
1530
2090
9080
839
1125
551
counts
4376
3282
2188
1094
0
preceded by 5'
followed by 3'

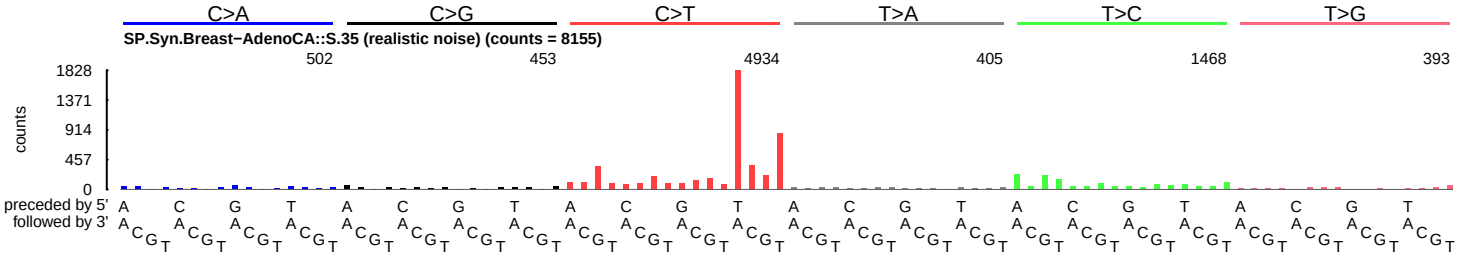

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Breast−AdenoCA::S.30 (realistic noise) (counts = 9291)
1721
2055
1965
1053
1694
803
counts
448
336
224
112
0
preceded by 5'
followed by 3'

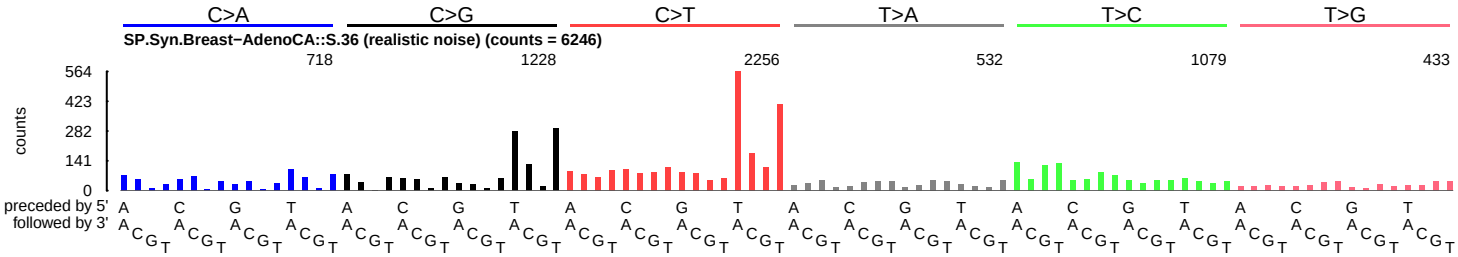

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Breast−AdenoCA::S.31 (realistic noise) (counts = 3861)
308
900
2073
107
376
97
counts
668
501
334
167
0
preceded by 5'
followed by 3'

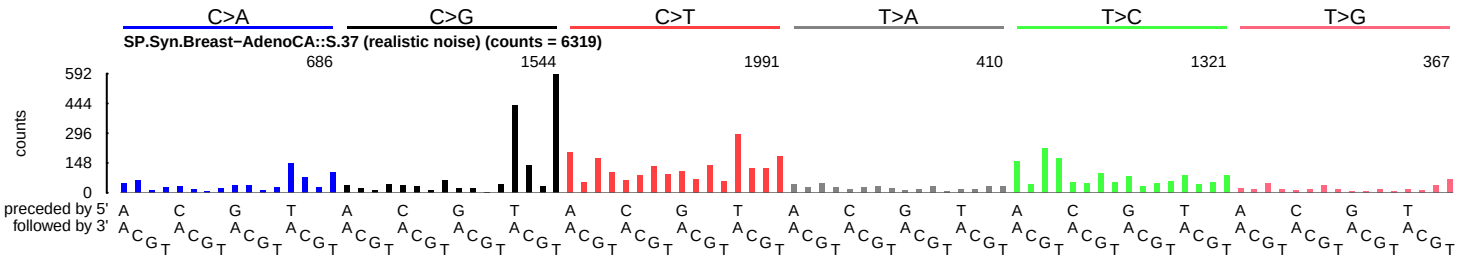

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Breast−AdenoCA::S.32 (realistic noise) (counts = 2186)
247
269
848
154
532
136
counts
116
87
58
29
0
preceded by 5'
followed by 3'

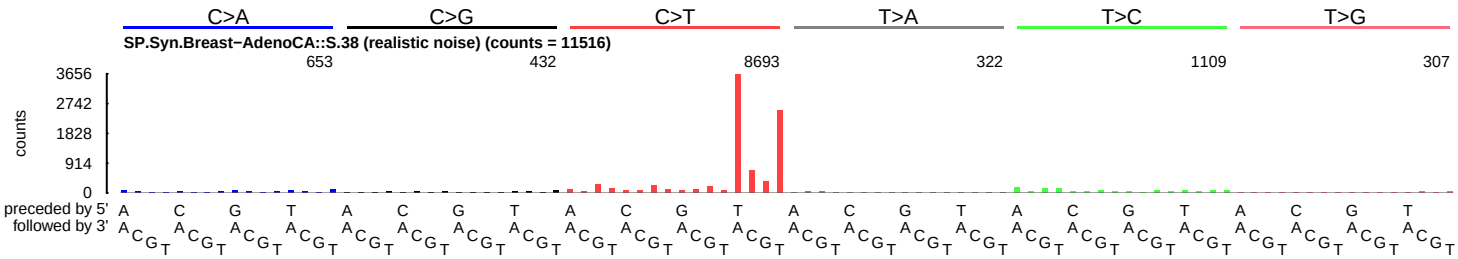

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Breast−AdenoCA::S.33 (realistic noise) (counts = 5852)
896
975
2022
637
930
392
520
390
260
130
0
counts
preceded by 5'
followed by 3'

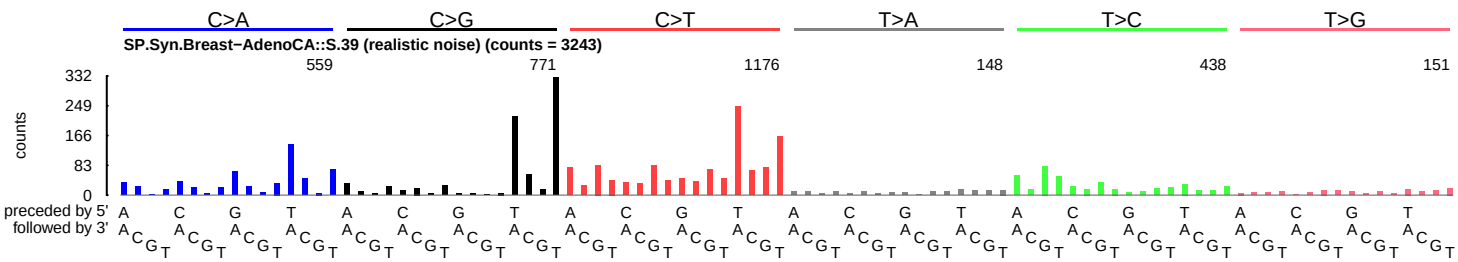

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Breast−AdenoCA::S.34 (realistic noise) (counts = 3526)
277
842
965
446
689
307
380
285
190
95
0
counts
preceded by 5'
followed by 3'

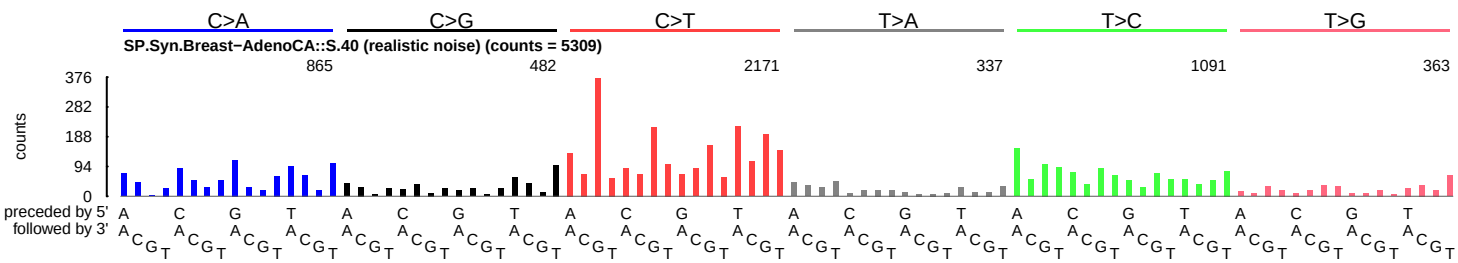

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Breast−AdenoCA::S.35 (realistic noise) (counts = 8155)
502
453
4934
405
1468
393
1828
1371
914
457
0
counts
preceded by 5'
followed by 3'

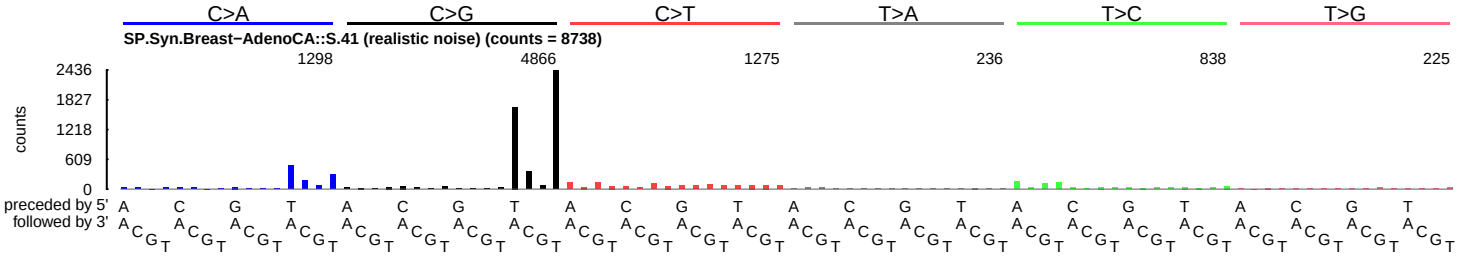

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Breast−AdenoCA::S.36 (realistic noise) (counts = 6246)
718
1228
2256
532
1079
433
564
423
282
141
0
counts
preceded by 5'
followed by 3'

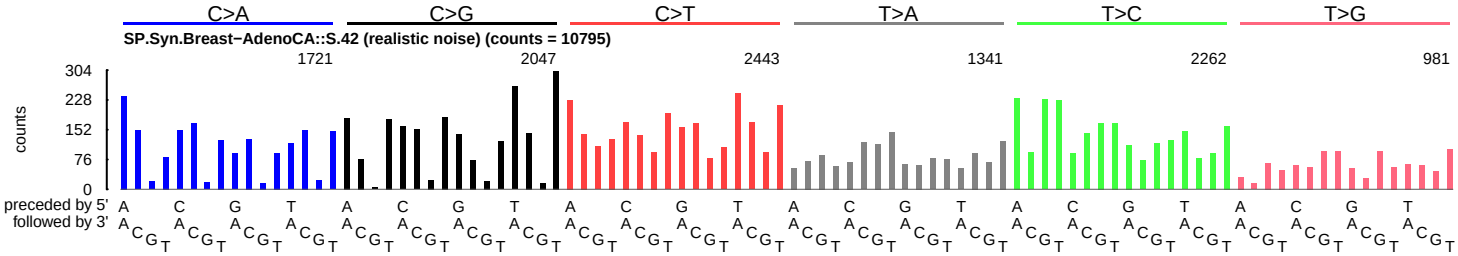

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Breast−AdenoCA::S.37 (realistic noise) (counts = 6319)
686
1544
1991
410
1321
367
592
444
296
148
0
counts
preceded by 5'
followed by 3'

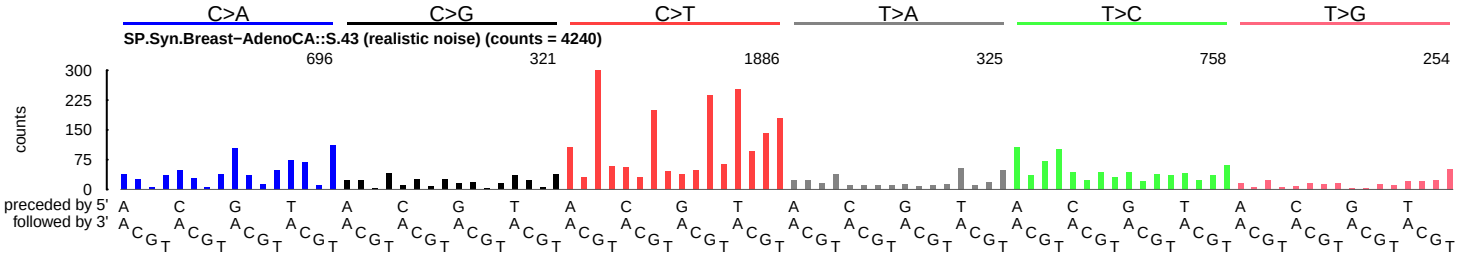

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Breast−AdenoCA::S.38 (realistic noise) (counts = 11516)
653
432
8693
322
1109
307
3656
2742
1828
914
0
counts
preceded by 5'
followed by 3'

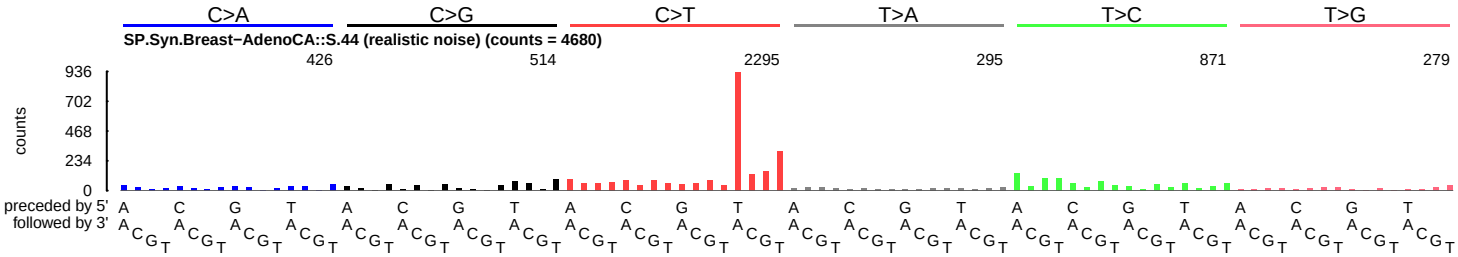

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Breast−AdenoCA::S.39 (realistic noise) (counts = 3243)
559
771
1176
148
438
151
332
249
166
83
0
counts
preceded by 5'
followed by 3'

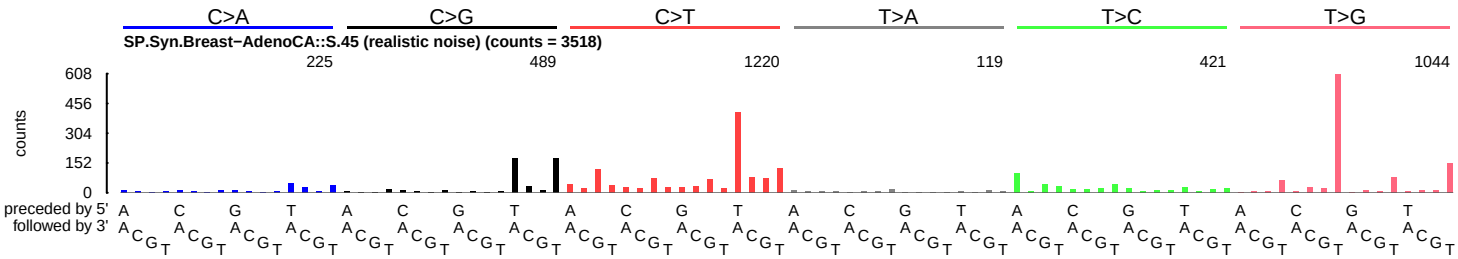

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Breast−AdenoCA::S.40 (realistic noise) (counts = 5309)
865
482
2171
337
1091
363
376
282
188
94
0
counts
preceded by 5'
followed by 3'

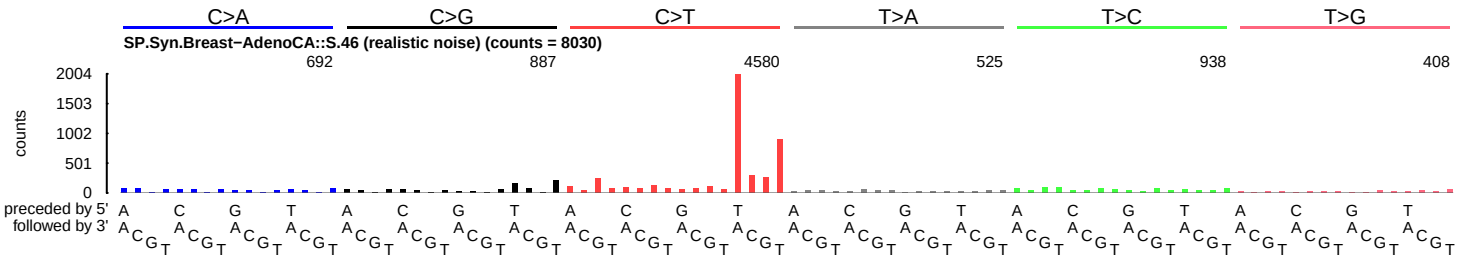

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Breast−AdenoCA::S.41 (realistic noise) (counts = 8738)
1298
4866
1275
236
838
225
counts
2436
1827
1218
609
0
preceded by 5'
followed by 3'

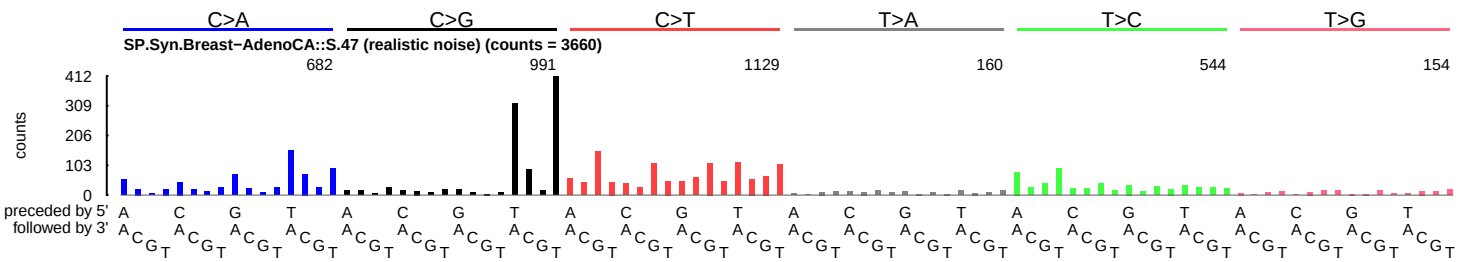

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Breast−AdenoCA::S.42 (realistic noise) (counts = 10795)
1721
2047
2443
1341
2262
981
counts
304
228
152
76
0
preceded by 5'
followed by 3'

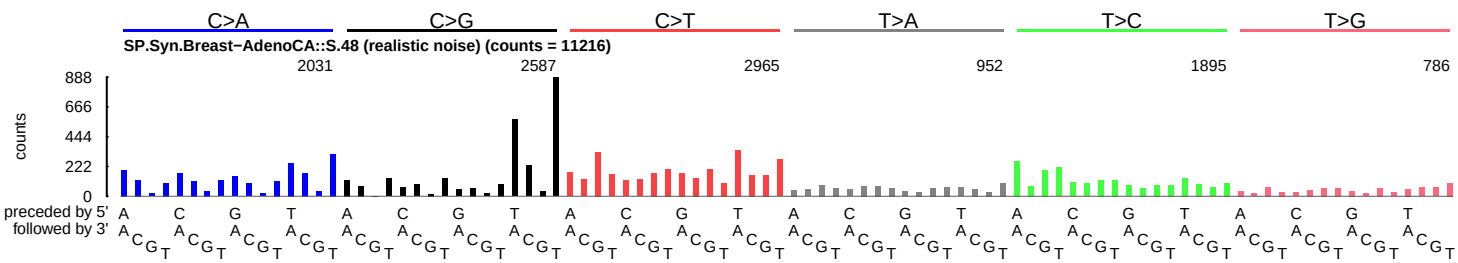

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Breast−AdenoCA::S.43 (realistic noise) (counts = 4240)
696
321
1886
325
758
254
counts
300
225
150
75
0
preceded by 5'
followed by 3'

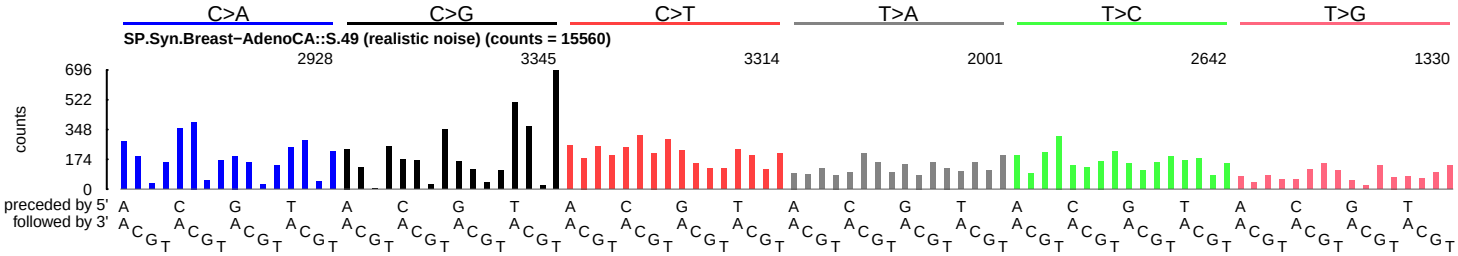

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Breast−AdenoCA::S.44 (realistic noise) (counts = 4680)
426
514
2295
295
871
279
counts
936
702
468
234
0
preceded by 5'
followed by 3'

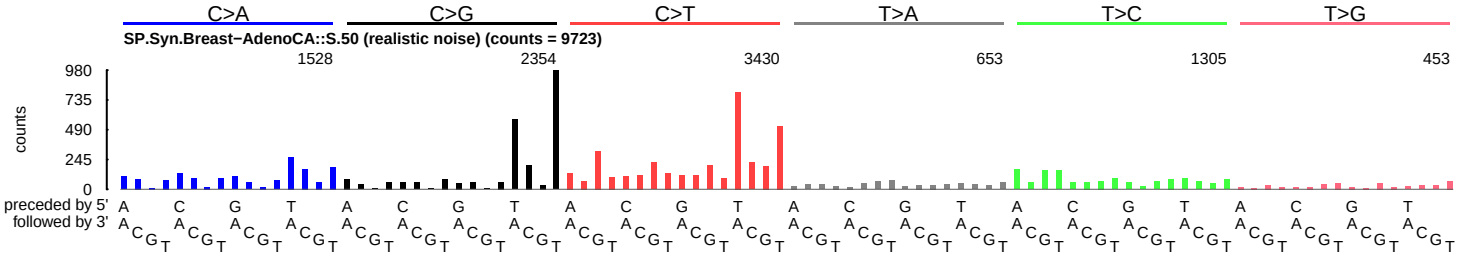

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Breast−AdenoCA::S.45 (realistic noise) (counts = 3518)
225
489
1220
119
421
1044
counts
608
456
304
152
0
preceded by 5'
followed by 3'

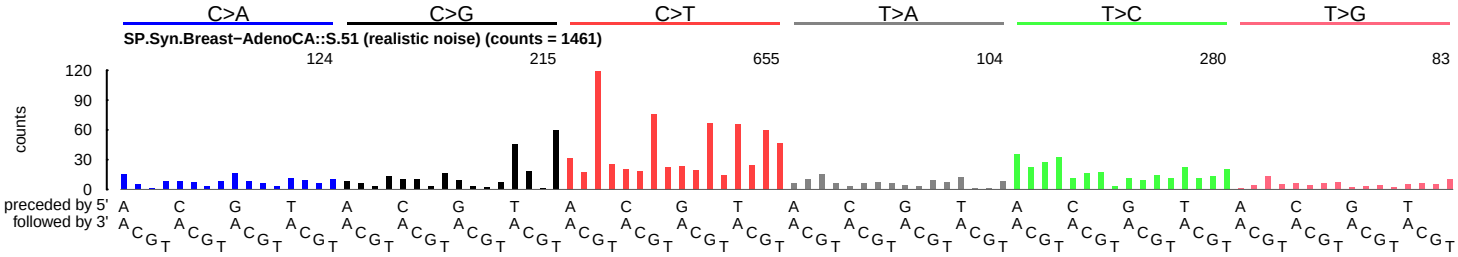

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Breast−AdenoCA::S.46 (realistic noise) (counts = 8030)
692
887
4580
525
938
408
counts
2004
1503
1002
501
0
preceded by 5'
followed by 3'

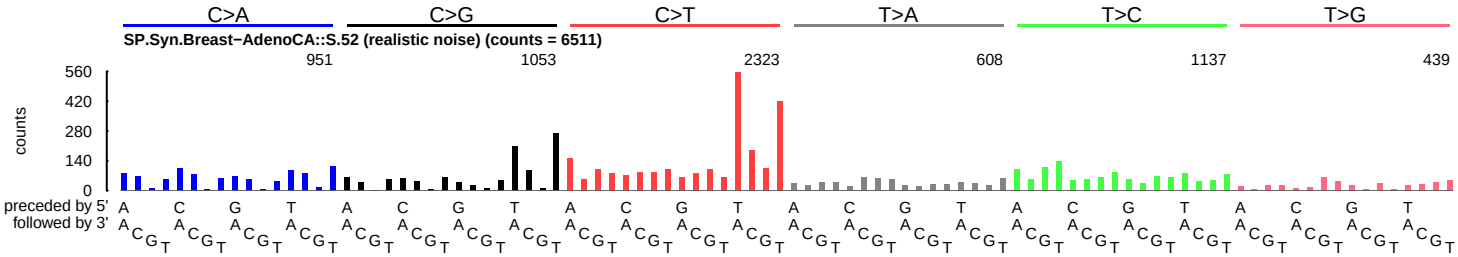

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Breast−AdenoCA::S.47 (realistic noise) (counts = 3660)
682
991
1129
160
544
154
counts
412
309
206
103
0
preceded by 5'
followed by 3'

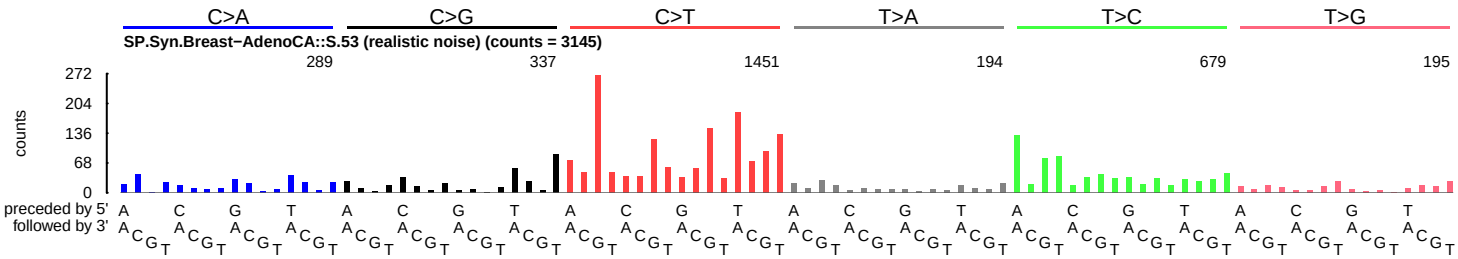

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Breast−AdenoCA::S.48 (realistic noise) (counts = 11216)
2031
2587
2965
952
1895
786
counts
888
666
444
222
0
preceded by 5'
followed by 3'

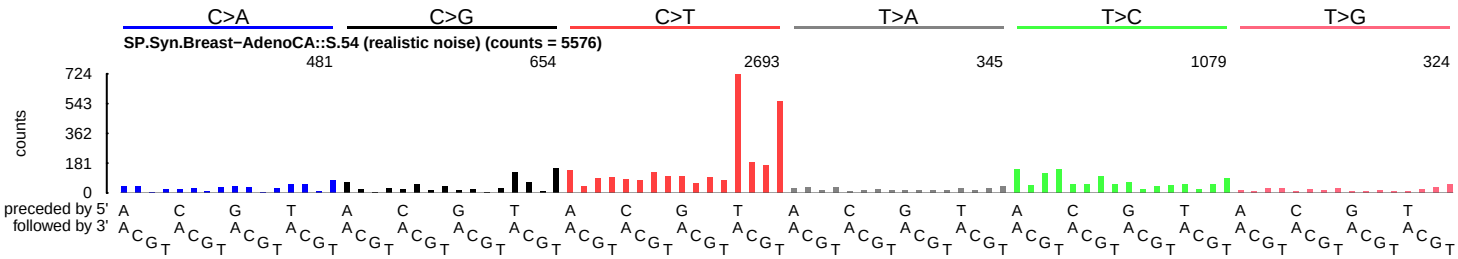

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Breast−AdenoCA::S.49 (realistic noise) (counts = 15560)
2928
3345
3314
2001
2642
1330
counts
696
522
348
174
0
preceded by 5'
followed by 3'

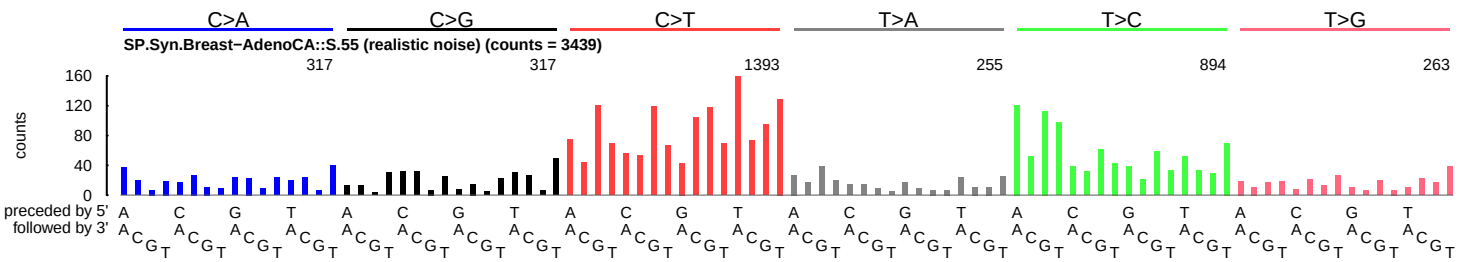

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Breast−AdenoCA::S.50 (realistic noise) (counts = 9723)
1528
2354
3430
653
1305
453
counts
980
735
490
245
0
preceded by 5'
followed by 3'

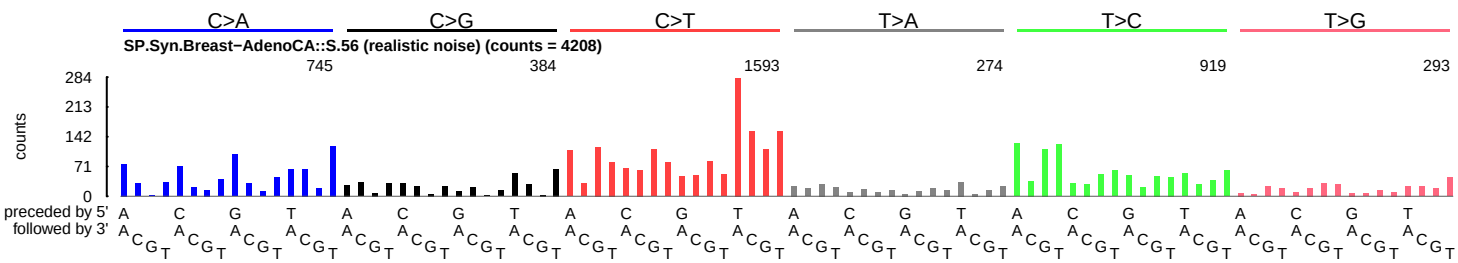

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Breast−AdenoCA::S.51 (realistic noise) (counts = 1461)
124
215
655
104
280
83
counts
120
90
60
30
0
preceded by 5'
followed by 3'

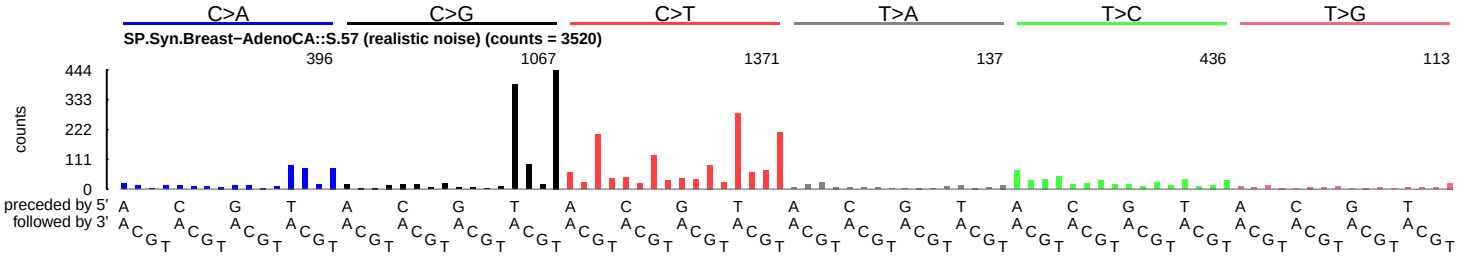

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Breast−AdenoCA::S.52 (realistic noise) (counts = 6511)
951
1053
2323
608
1137
439
counts
560
420
280
140
0
preceded by 5'
followed by 3'

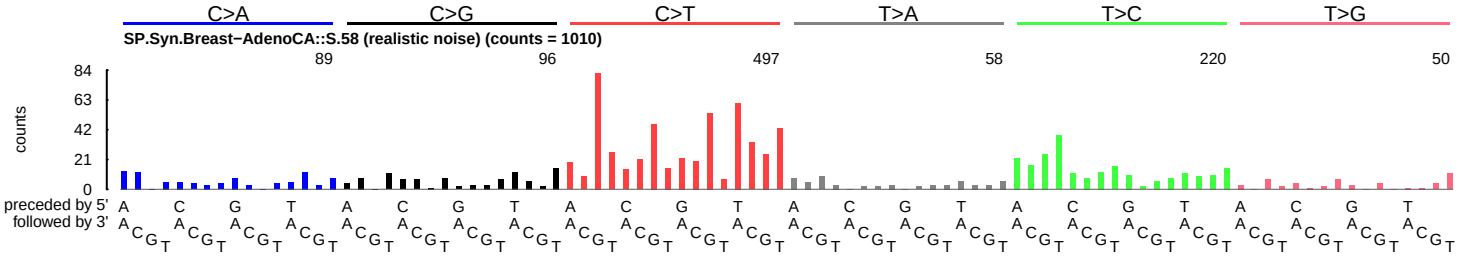

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Breast−AdenoCA::S.53 (realistic noise) (counts = 3145)
289
337
1451
194
679
195
counts
272
204
136
68
0
preceded by 5'
followed by 3'

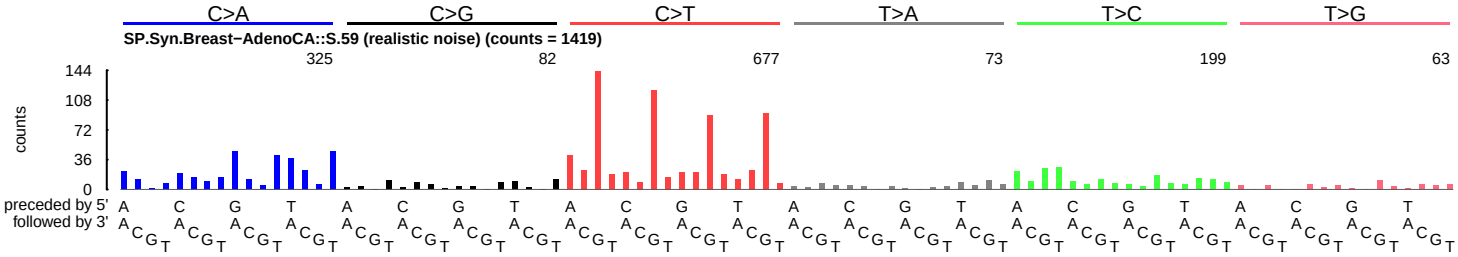

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Breast−AdenoCA::S.54 (realistic noise) (counts = 5576)
481
654
2693
345
1079
324
counts
724
543
362
181
0
preceded by 5'
followed by 3'

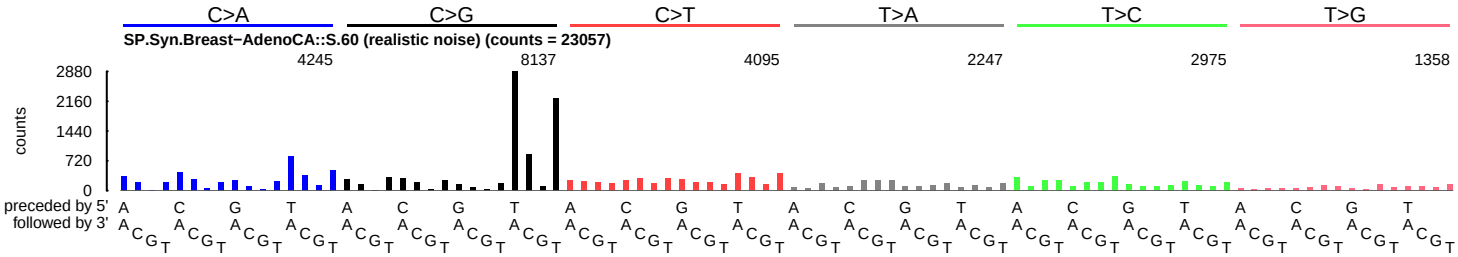

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Breast−AdenoCA::S.55 (realistic noise) (counts = 3439)
317
317
1393
255
894
263
counts
160
120
80
40
0
preceded by 5'
followed by 3'

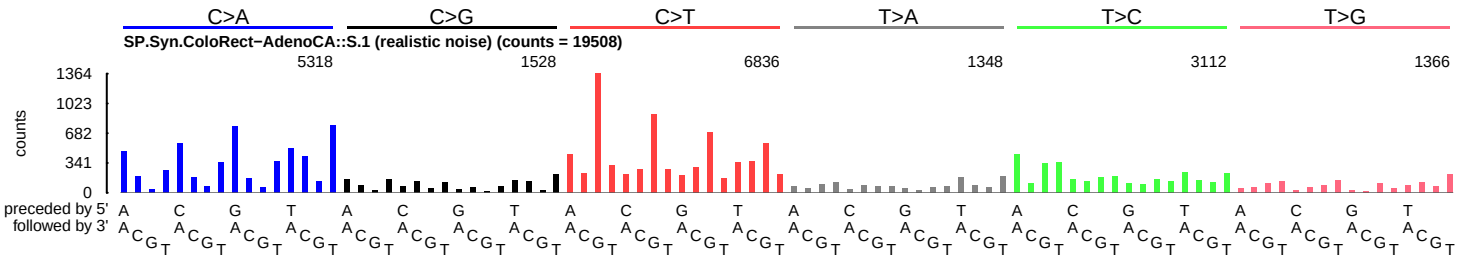

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Breast−AdenoCA::S.56 (realistic noise) (counts = 4208)
745
384
1593
274
919
293
counts
284
213
142
71
0
preceded by 5'
followed by 3'

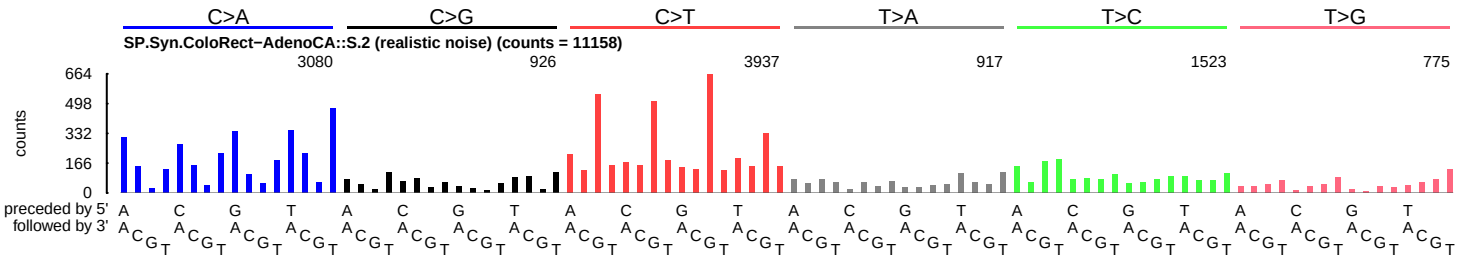

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Breast−AdenoCA::S.57 (realistic noise) (counts = 3520)
396
1067
1371
137
436
113
counts
444
333
222
111
0
preceded by 5'
followed by 3'

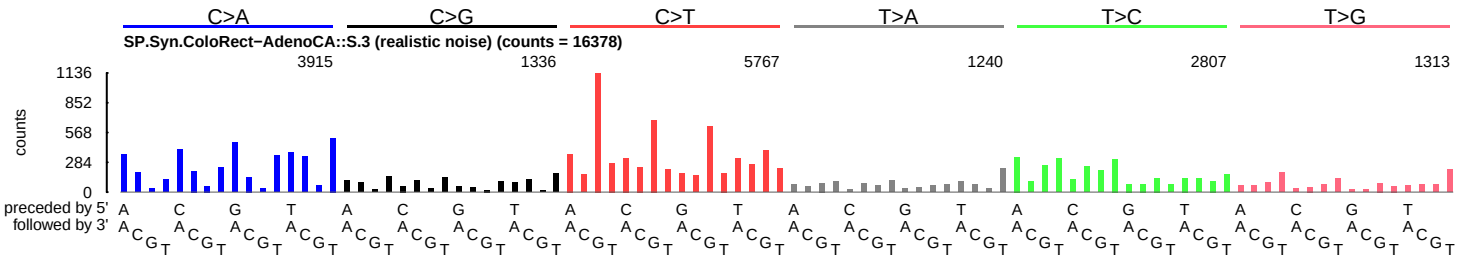

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Breast−AdenoCA::S.58 (realistic noise) (counts = 1010)
89
96
497
58
220
50
counts
84
63
42
21
0
preceded by 5'
followed by 3'

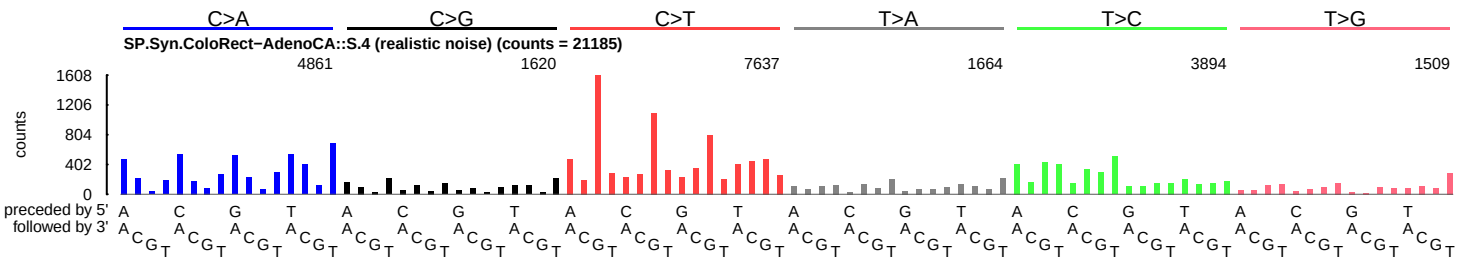

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Breast−AdenoCA::S.59 (realistic noise) (counts = 1419)
325
82
677
73
199
63
counts
144
108
72
36
0
preceded by 5'
followed by 3'

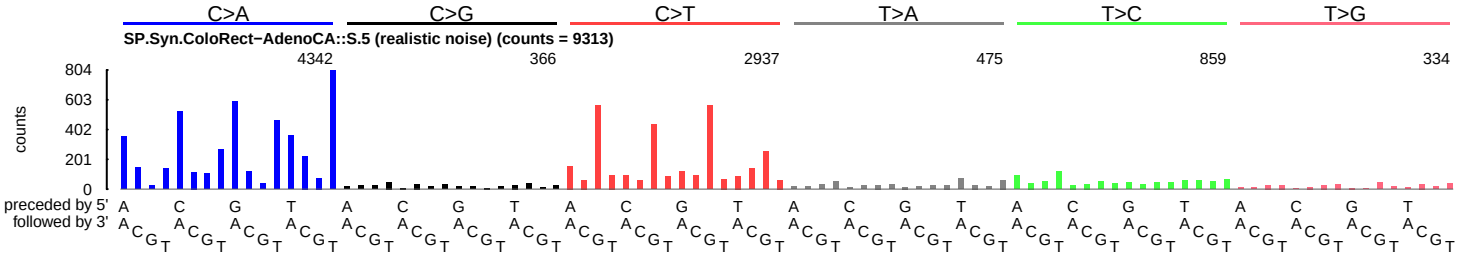

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Breast−AdenoCA::S.60 (realistic noise) (counts = 23057)
4245
8137
4095
2247
2975
1358
counts
2880
2160
1440
720
0
preceded by 5'
followed by 3'

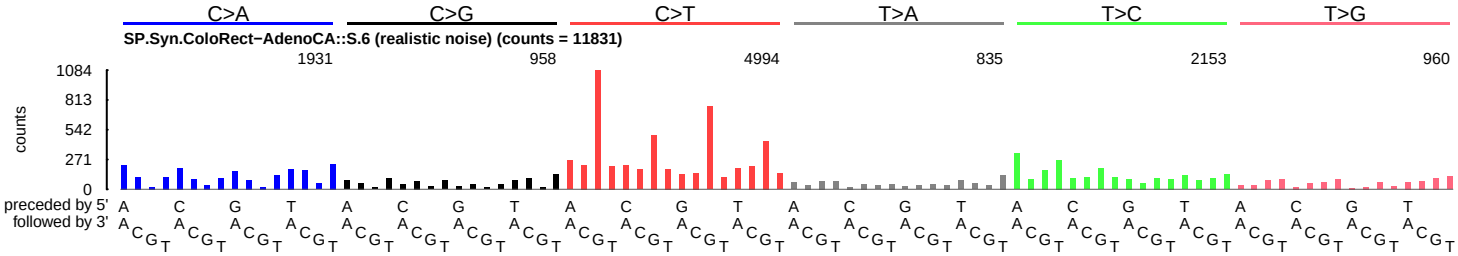

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.ColoRect−AdenoCA::S.1 (realistic noise) (counts = 19508)
5318
1528
6836
1348
3112
1366
counts
1364
1023
682
341
0
preceded by 5'
followed by 3'

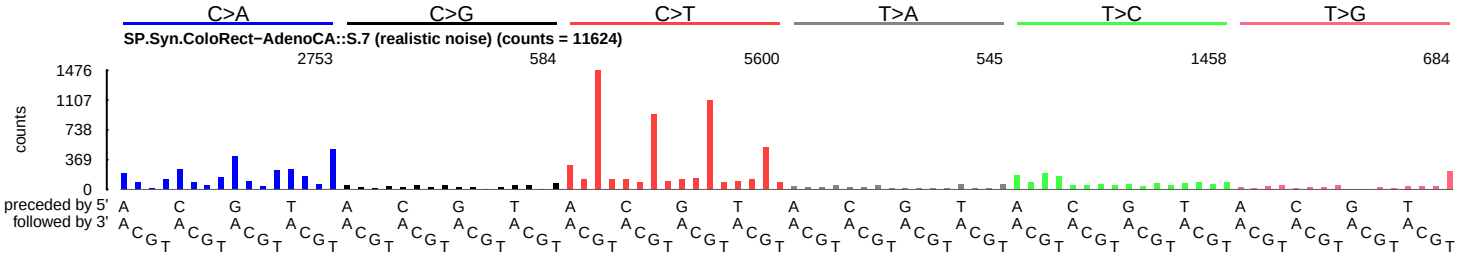

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.ColoRect−AdenoCA::S.2 (realistic noise) (counts = 11158)
3080
926
3937
917
1523
775
counts
664
498
332
166
0
preceded by 5'
followed by 3'

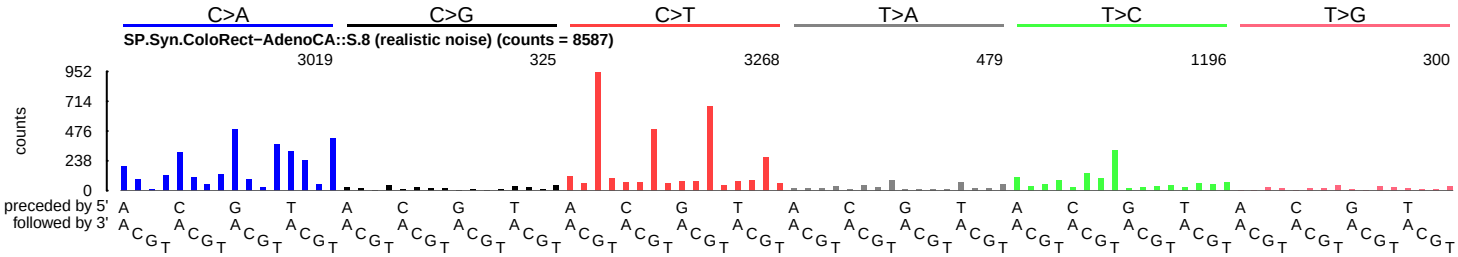

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.ColoRect−AdenoCA::S.3 (realistic noise) (counts = 16378)
3915
1336
5767
1240
2807
1313
counts
1136
852
568
284
0
preceded by 5'
followed by 3'

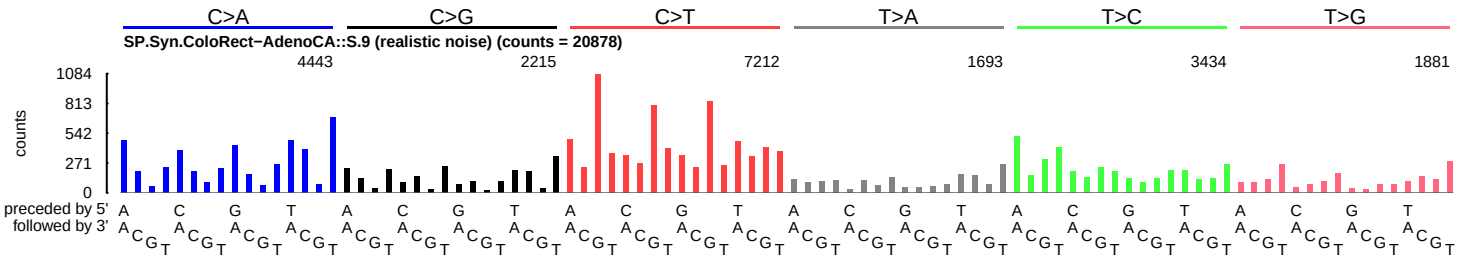

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.ColoRect−AdenoCA::S.4 (realistic noise) (counts = 21185)
4861
1620
7637
1664
3894
1509
counts
1608
1206
804
402
0
preceded by 5'
followed by 3'

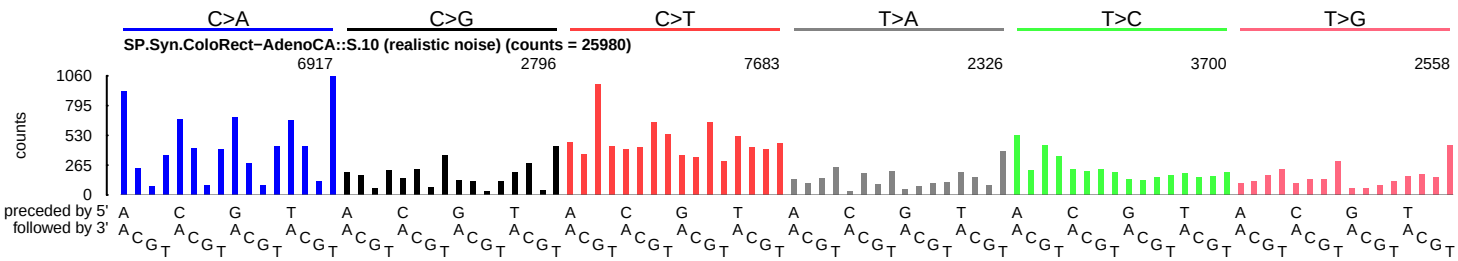

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.ColoRect−AdenoCA::S.5 (realistic noise) (counts = 9313)
4342
366
2937
475
859
334
counts
804
603
402
201
0
preceded by 5'
followed by 3'

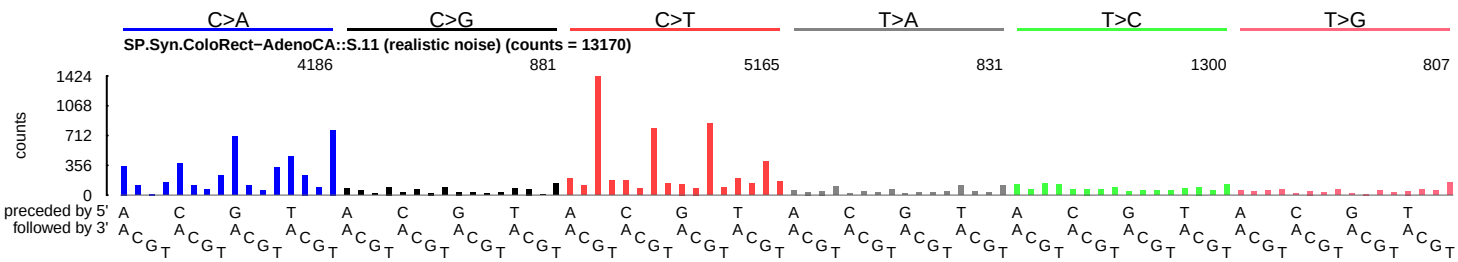

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.ColoRect−AdenoCA::S.6 (realistic noise) (counts = 11831)
1931
958
4994
835
2153
960
counts
1084
813
542
271
0
preceded by 5'
followed by 3'

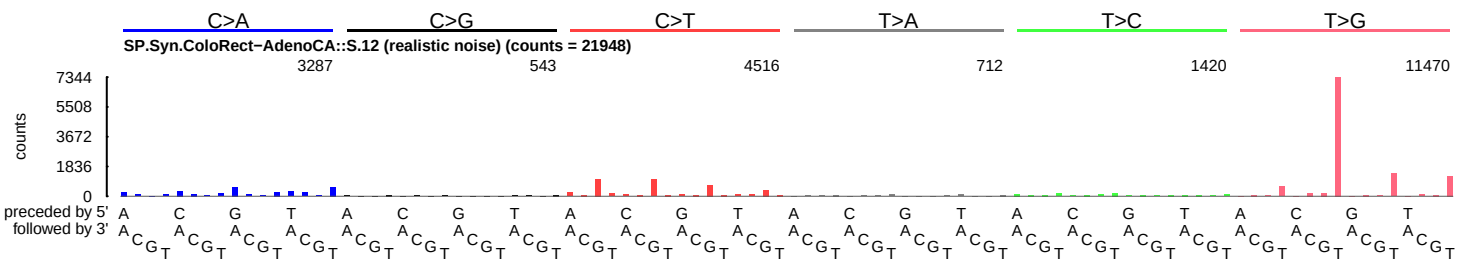

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.ColoRect−AdenoCA::S.7 (realistic noise) (counts = 11624)
2753
584
5600
545
1458
684
counts
1476
1107
738
369
0
preceded by 5'
followed by 3'

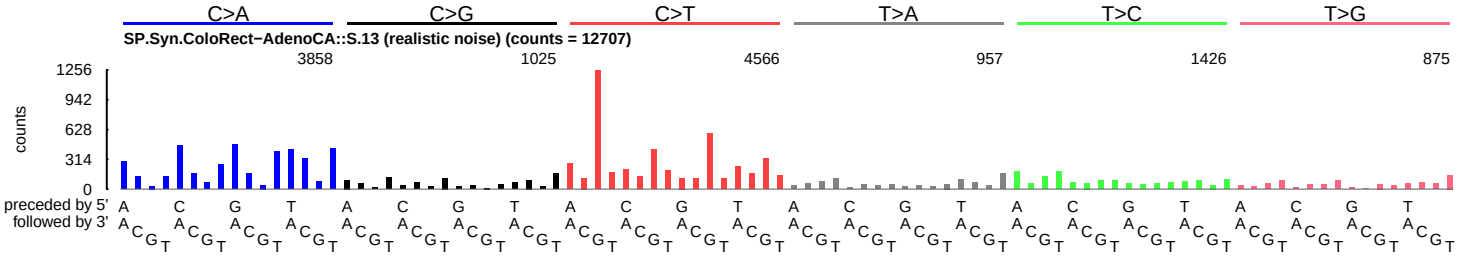

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.ColoRect−AdenoCA::S.8 (realistic noise) (counts = 8587)
3019
325
3268
479
1196
300
counts
952
714
476
238
0
preceded by 5'
followed by 3'

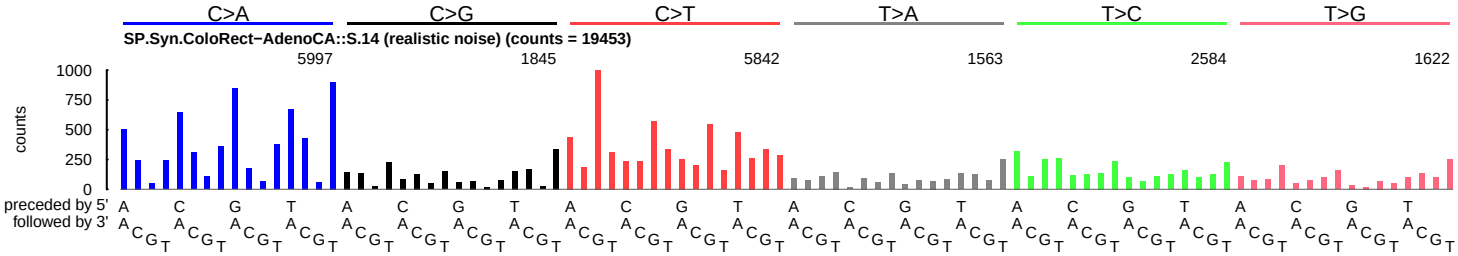

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.ColoRect−AdenoCA::S.9 (realistic noise) (counts = 20878)
4443
2215
7212
1693
3434
1881
counts
1084
813
542
271
0
preceded by 5'
followed by 3'

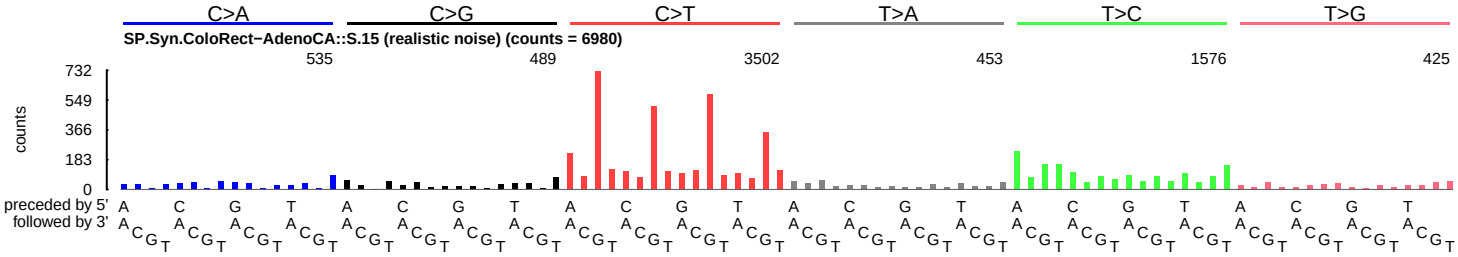

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.ColoRect−AdenoCA::S.10 (realistic noise) (counts = 25980)
6917
2796
7683
2326
3700
2558
counts
1060
795
530
265
0
preceded by 5'
followed by 3'

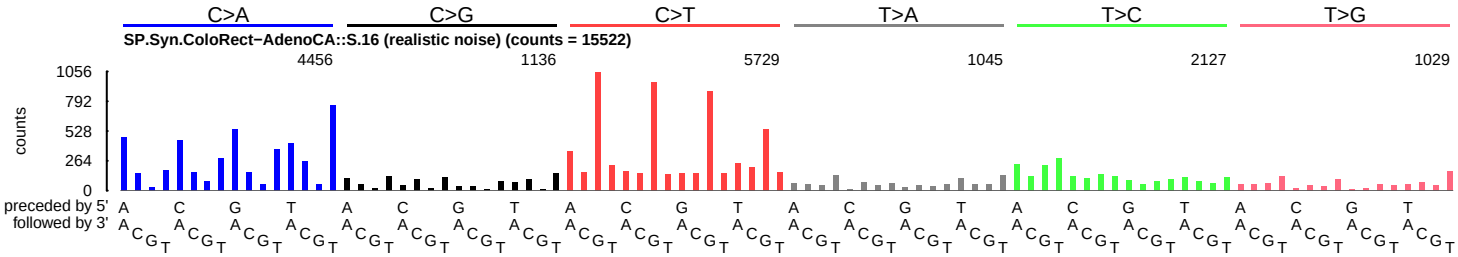

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.ColoRect−AdenoCA::S.11 (realistic noise) (counts = 13170)
4186
881
5165
831
1300
807
counts
1424
1068
712
356
0
preceded by 5'
followed by 3'

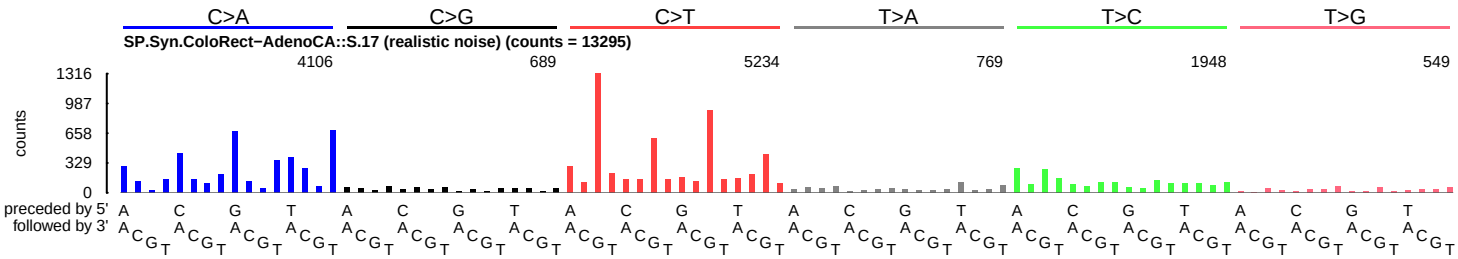

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.ColoRect−AdenoCA::S.12 (realistic noise) (counts = 21948)
3287
543
4516
712
1420
11470
counts
7344
5508
3672
1836
0
preceded by 5'
followed by 3'

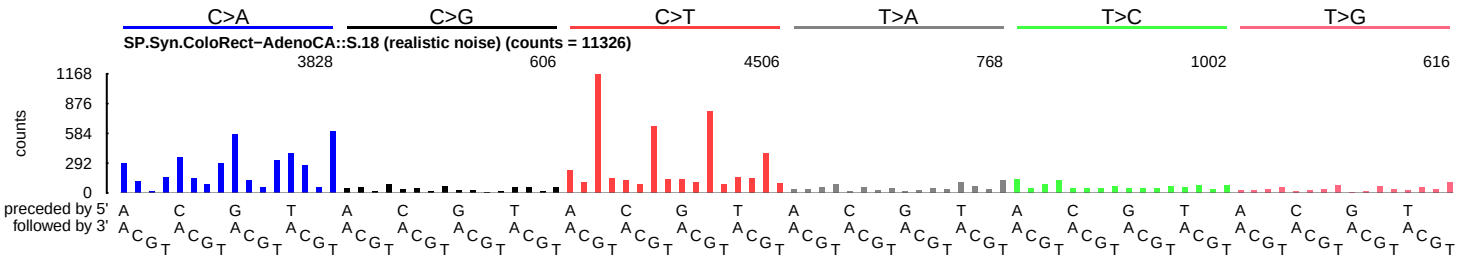

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.ColoRect−AdenoCA::S.13 (realistic noise) (counts = 12707)
3858
1025
4566
957
1426
875
counts
1256
942
628
314
0
preceded by 5'
followed by 3'

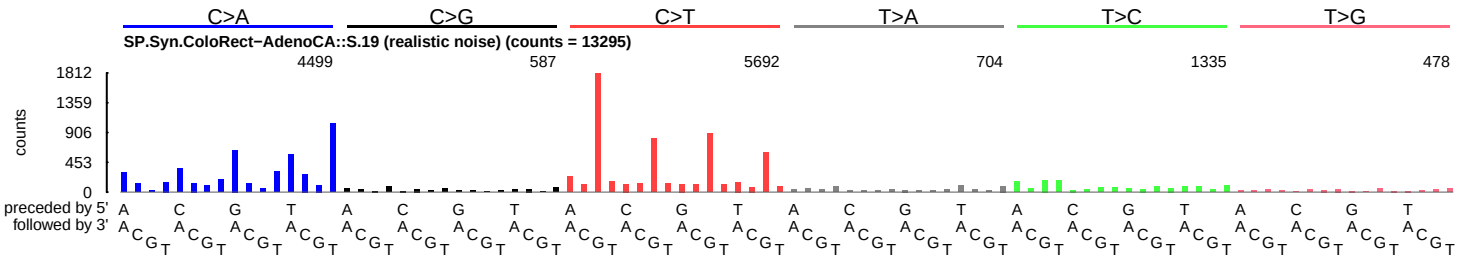

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.ColoRect−AdenoCA::S.14 (realistic noise) (counts = 19453)
5997
1845
5842
1563
2584
1622
counts
1000
750
500
250
0
preceded by 5'
followed by 3'

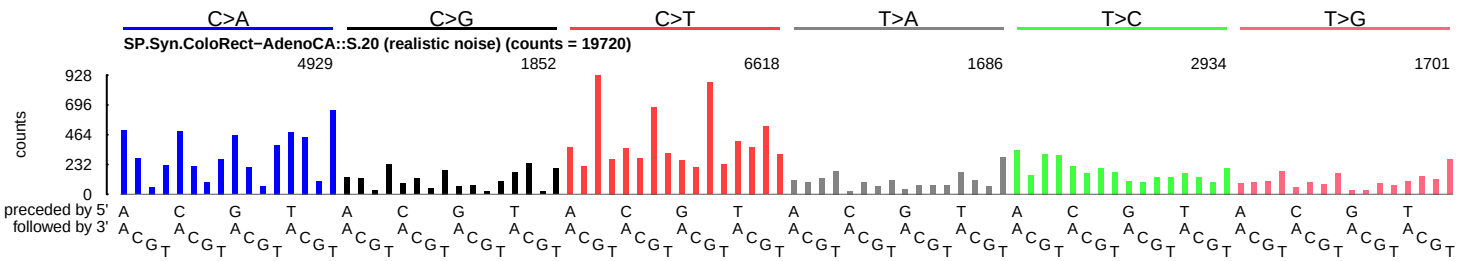

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.ColoRect−AdenoCA::S.15 (realistic noise) (counts = 6980)
535
489
3502
453
1576
425
counts
732
549
366
183
0
preceded by 5'
followed by 3'

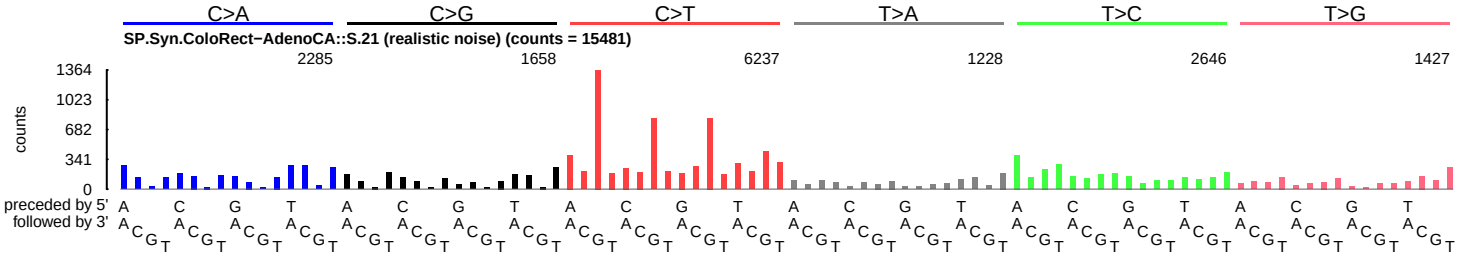

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.ColoRect−AdenoCA::S.16 (realistic noise) (counts = 15522)
4456
1136
5729
1045
2127
1029
counts
1056
792
528
264
0
preceded by 5'
followed by 3'

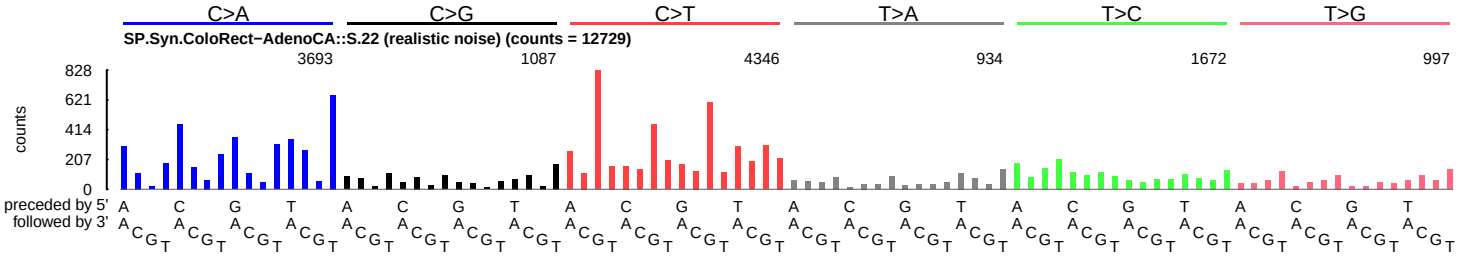

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.ColoRect−AdenoCA::S.17 (realistic noise) (counts = 13295)
4106
689
5234
769
1948
549
counts
1316
987
658
329
0
preceded by 5'
followed by 3'

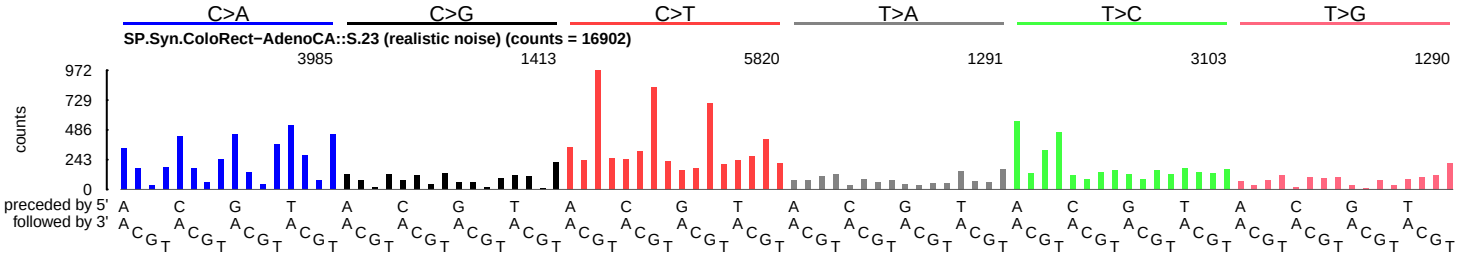

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.ColoRect−AdenoCA::S.18 (realistic noise) (counts = 11326)
3828
606
4506
768
1002
616
counts
1168
876
584
292
0
preceded by 5'
followed by 3'

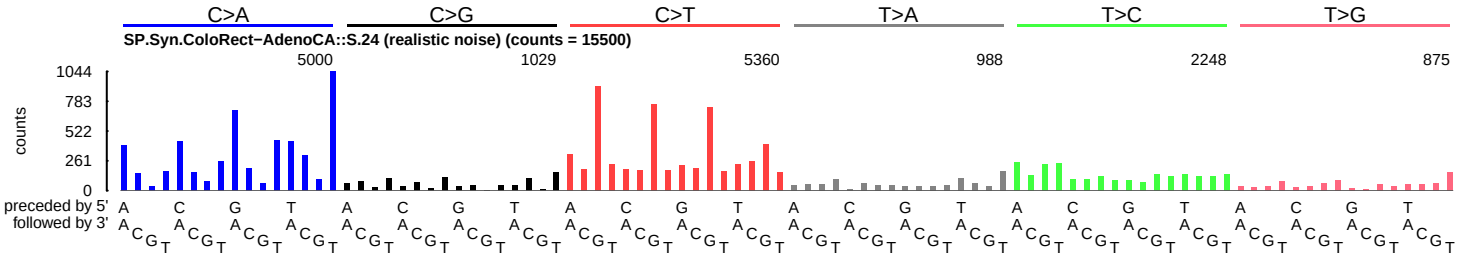

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.ColoRect−AdenoCA::S.19 (realistic noise) (counts = 13295)
4499
587
5692
704
1335
478
counts
1812
1359
906
453
0
preceded by 5'
followed by 3'

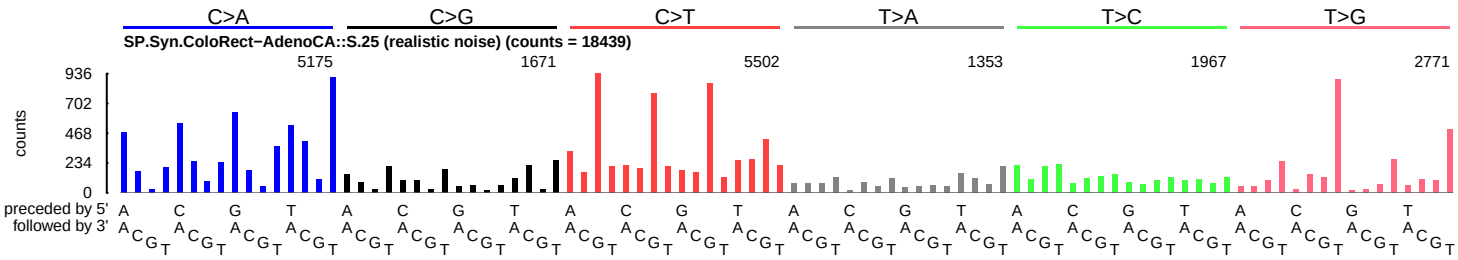

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.ColoRect−AdenoCA::S.20 (realistic noise) (counts = 19720)
4929
1852
6618
1686
2934
1701
counts
928
696
464
232
0
preceded by 5'
followed by 3'

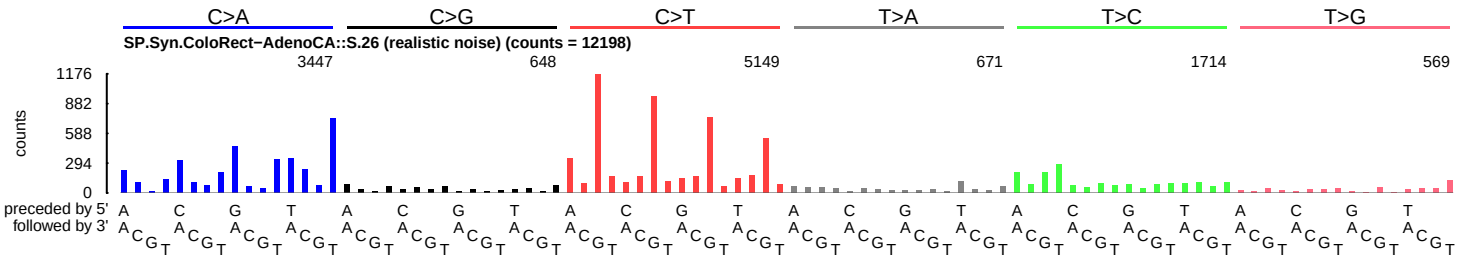

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.ColoRect−AdenoCA::S.21 (realistic noise) (counts = 15481)
2285
1658
6237
1228
2646
1427
counts
1364
1023
682
341
0
preceded by 5'
followed by 3'

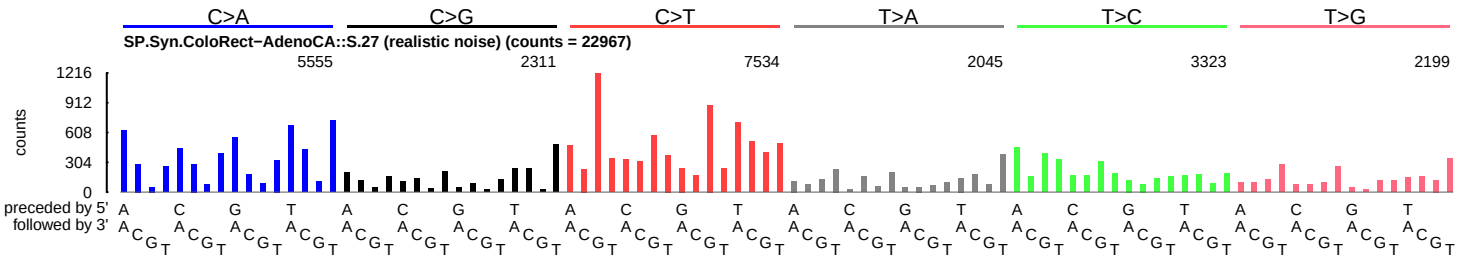

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.ColoRect−AdenoCA::S.22 (realistic noise) (counts = 12729)
3693
1087
4346
934
1672
997
counts
828
621
414
207
0
preceded by 5'
followed by 3'

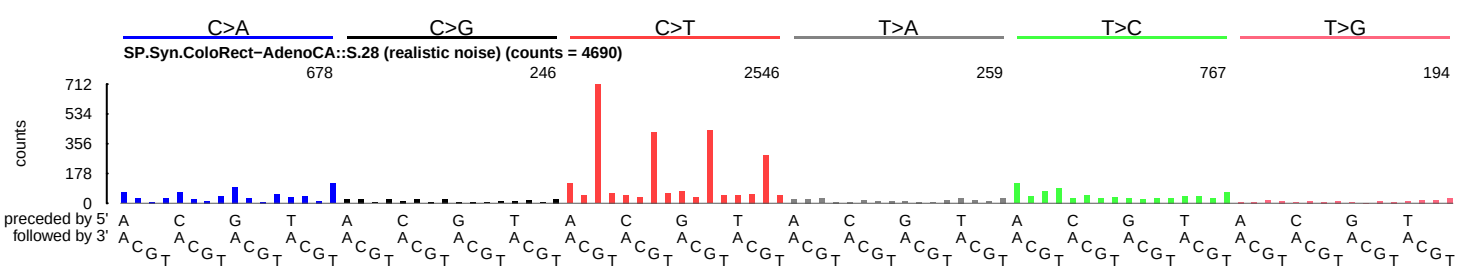

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.ColoRect−AdenoCA::S.23 (realistic noise) (counts = 16902)
3985
1413
5820
1291
3103
1290
counts
972
729
486
243
0
preceded by 5'
followed by 3'

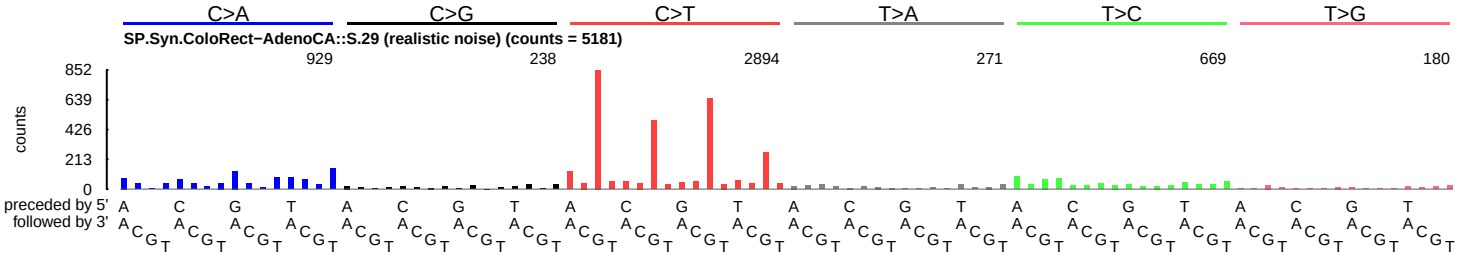

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.ColoRect−AdenoCA::S.24 (realistic noise) (counts = 15500)
5000
1029
5360
988
2248
875
counts
1044
783
522
261
0
preceded by 5'
followed by 3'

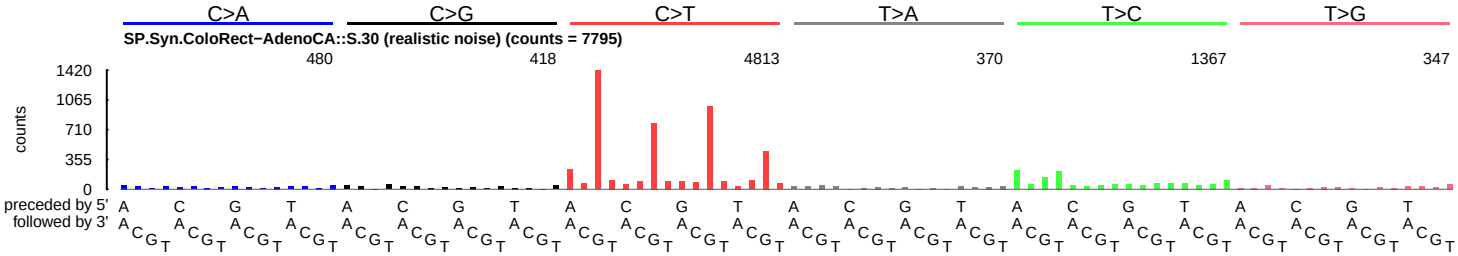

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.ColoRect−AdenoCA::S.25 (realistic noise) (counts = 18439)
5175
1671
5502
1353
1967
2771
counts
936
702
468
234
0
preceded by 5'
followed by 3'

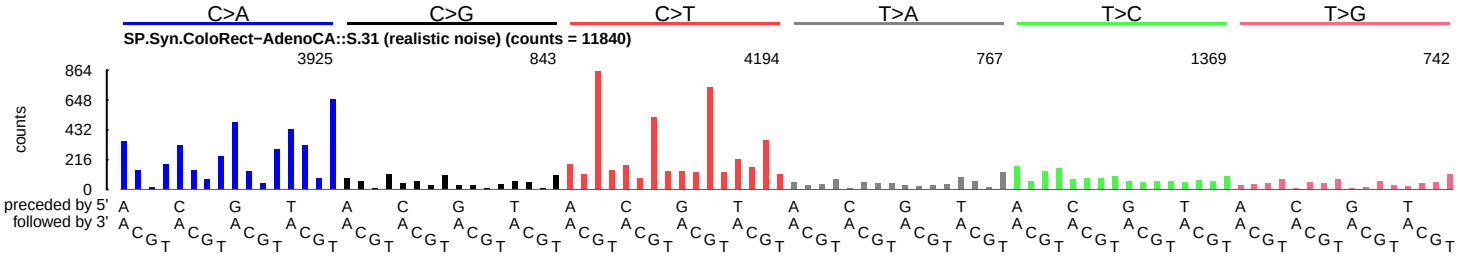

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.ColoRect−AdenoCA::S.26 (realistic noise) (counts = 12198)
3447
648
5149
671
1714
569
counts
1176
882
588
294
0
preceded by 5'
followed by 3'

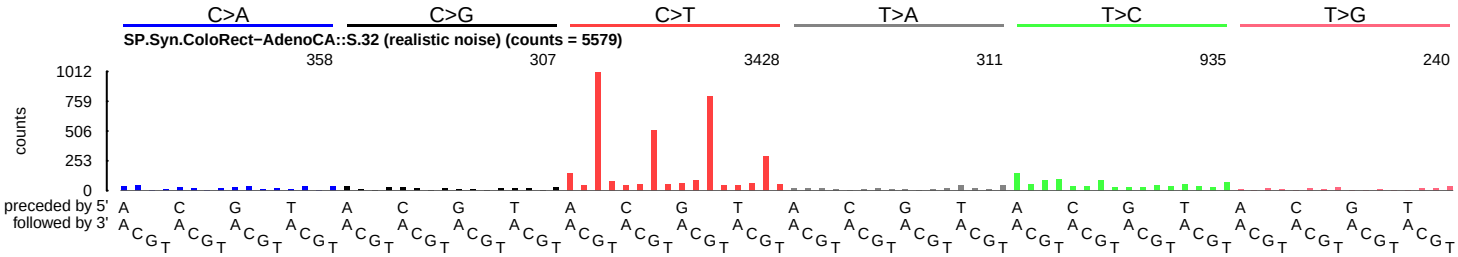

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.ColoRect−AdenoCA::S.27 (realistic noise) (counts = 22967)
5555
2311
7534
2045
3323
2199
counts
1216
912
608
304
0
preceded by 5'
followed by 3'

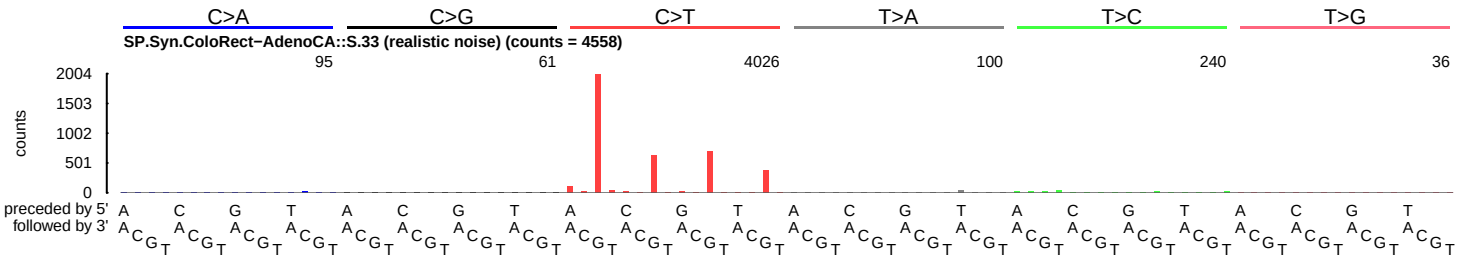

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.ColoRect−AdenoCA::S.28 (realistic noise) (counts = 4690)
678
246
2546
259
767
194
counts
712
534
356
178
0
preceded by 5'
followed by 3'

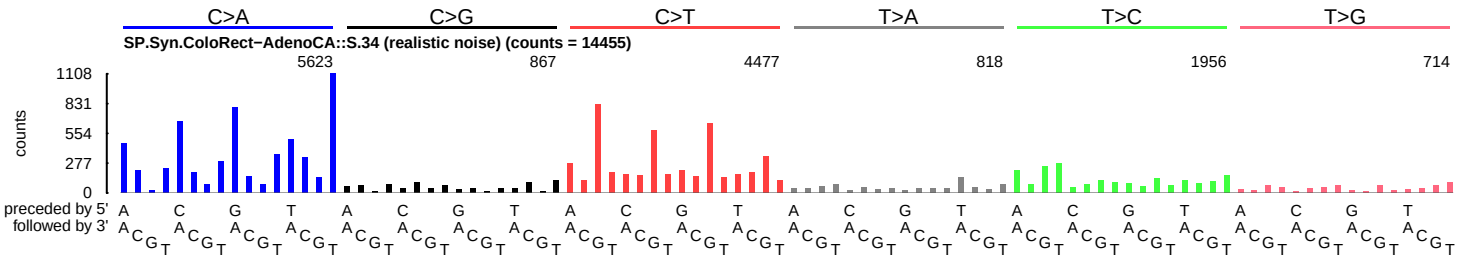

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.ColoRect−AdenoCA::S.29 (realistic noise) (counts = 5181)
929
238
2894
271
669
180
852
639
426
213
0
counts
preceded by 5'
followed by 3'

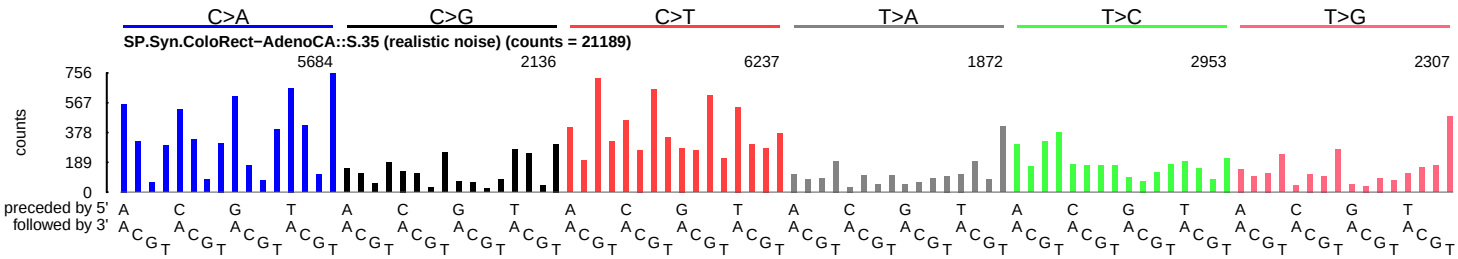

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.ColoRect−AdenoCA::S.30 (realistic noise) (counts = 7795)
480
418
4813
370
1367
347
1420
1065
710
355
0
counts
preceded by 5'
followed by 3'

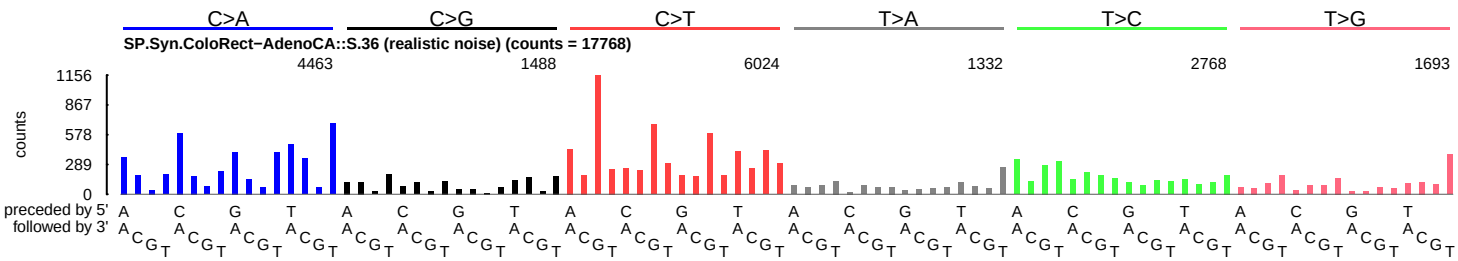

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.ColoRect−AdenoCA::S.31 (realistic noise) (counts = 11840)
3925
843
4194
767
1369
742
864
648
432
216
0
counts
preceded by 5'
followed by 3'

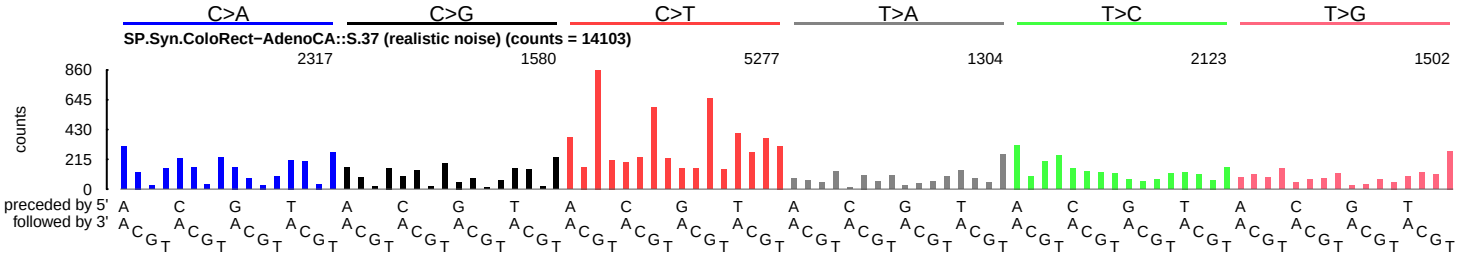

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.ColoRect−AdenoCA::S.32 (realistic noise) (counts = 5579)
358
307
3428
311
935
240
1012
759
506
253
0
counts
preceded by 5'
followed by 3'

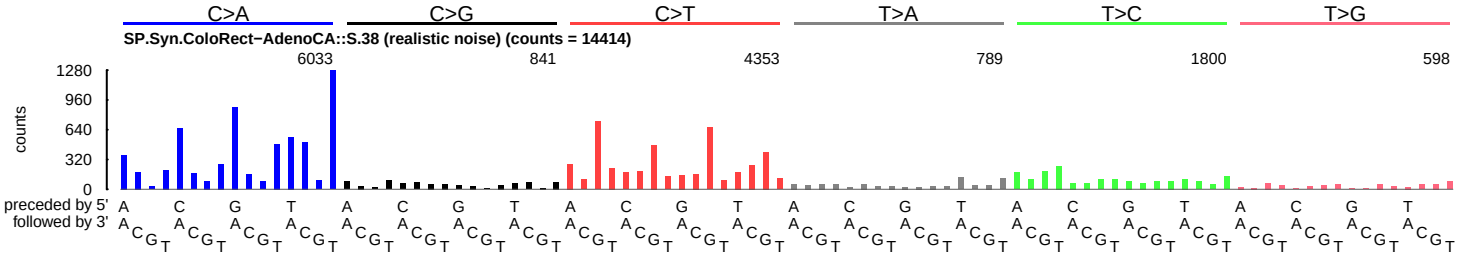

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.ColoRect−AdenoCA::S.33 (realistic noise) (counts = 4558)
95
61
4026
100
240
36
2004
1503
1002
501
0
counts
preceded by 5'
followed by 3'

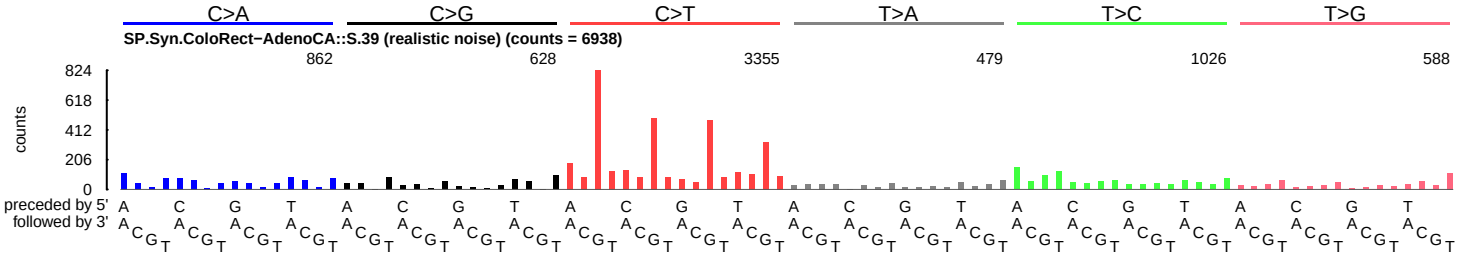

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.ColoRect−AdenoCA::S.34 (realistic noise) (counts = 14455)
5623
867
4477
818
1956
714
1108
831
554
277
0
counts
preceded by 5'
followed by 3'

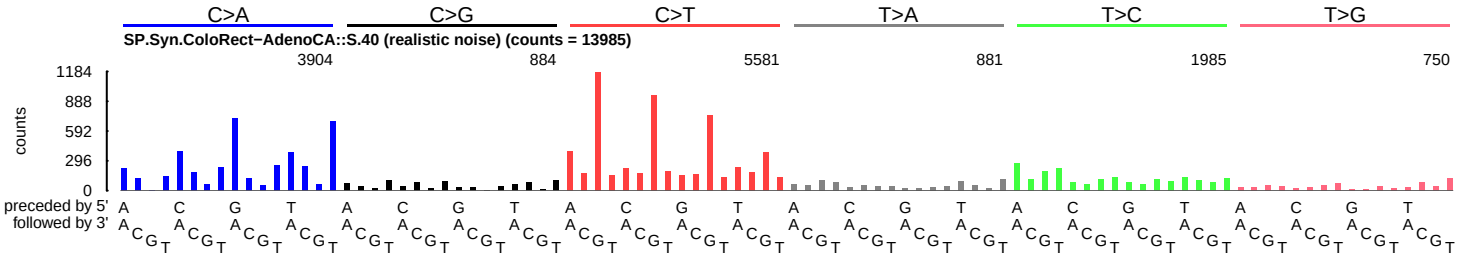

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.ColoRect−AdenoCA::S.35 (realistic noise) (counts = 21189)
5684
2136
6237
1872
2953
2307
756
567
378
189
0
counts
preceded by 5'
followed by 3'

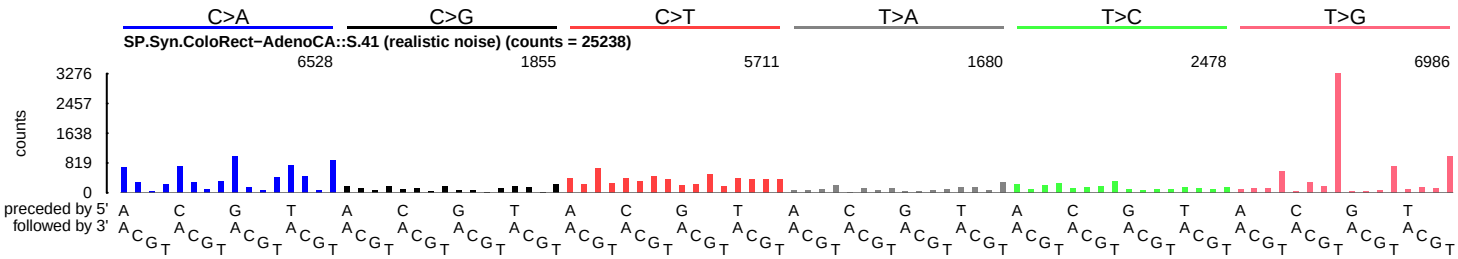

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.ColoRect−AdenoCA::S.36 (realistic noise) (counts = 17768)
4463
1488
6024
1332
2768
1693
1156
867
578
289
0
counts
preceded by 5'
followed by 3'

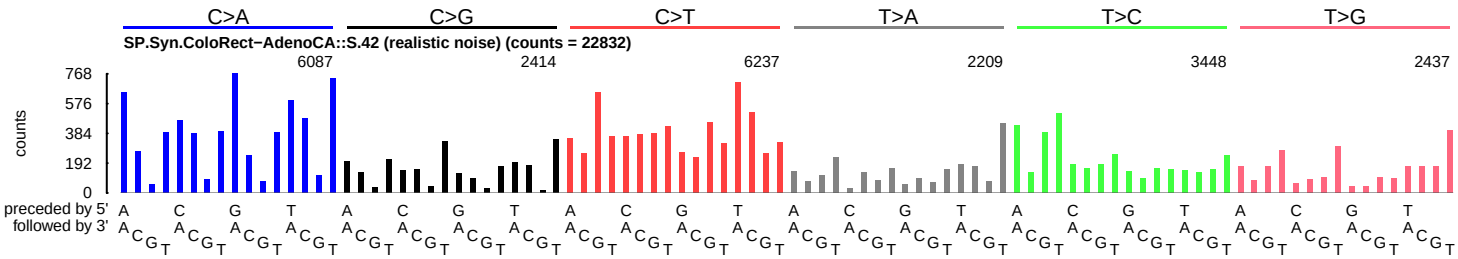

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.ColoRect−AdenoCA::S.37 (realistic noise) (counts = 14103)
2317
1580
5277
1304
2123
1502
counts
860
645
430
215
0
preceded by 5'
followed by 3'

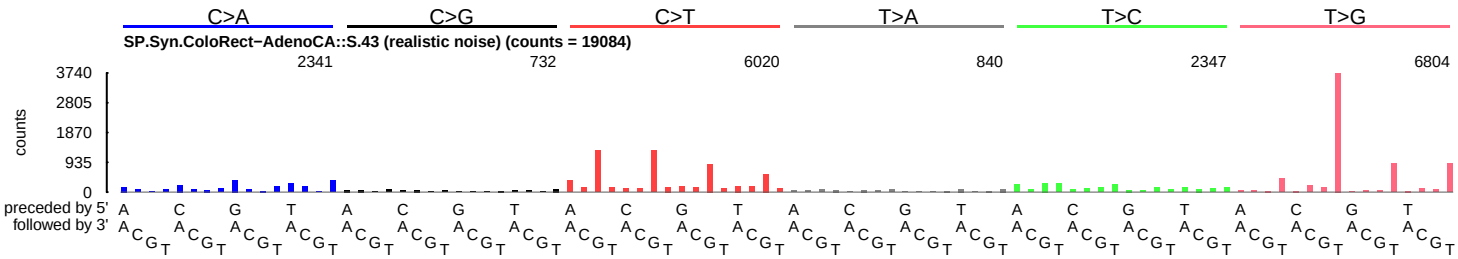

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.ColoRect−AdenoCA::S.38 (realistic noise) (counts = 14414)
6033
841
4353
789
1800
598
counts
1280
960
640
320
0
preceded by 5'
followed by 3'

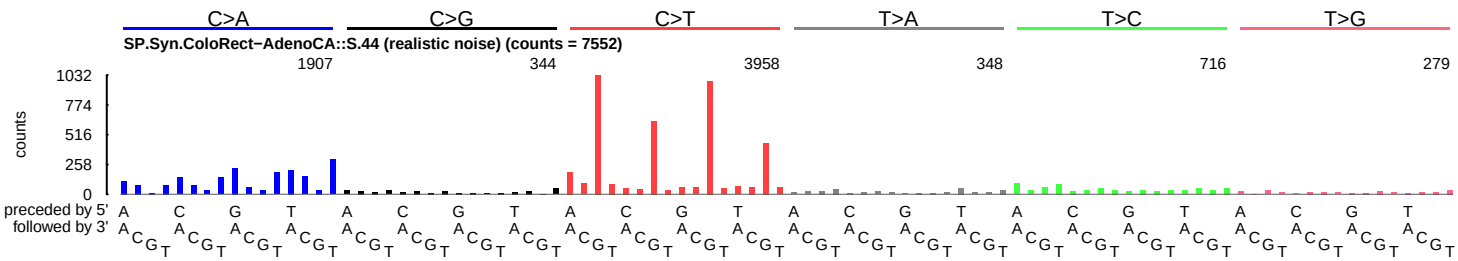

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.ColoRect−AdenoCA::S.39 (realistic noise) (counts = 6938)
862
628
3355
479
1026
588
counts
824
618
412
206
0
preceded by 5'
followed by 3'

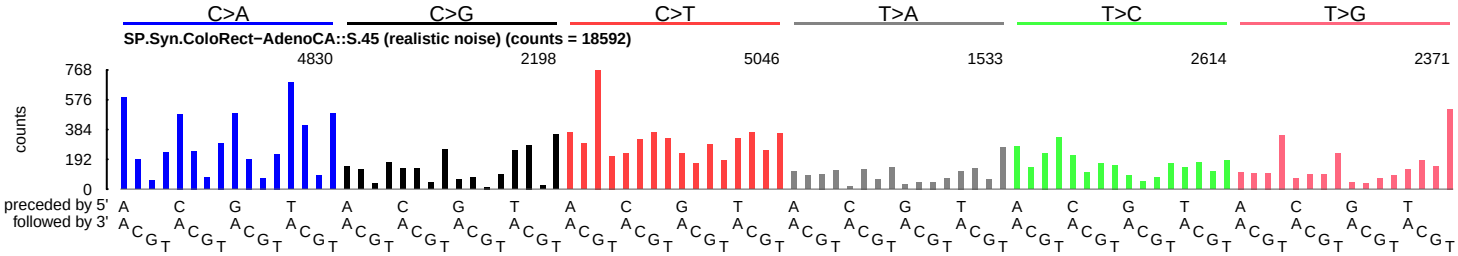

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.ColoRect−AdenoCA::S.40 (realistic noise) (counts = 13985)
3904
884
5581
881
1985
750
counts
1184
888
592
296
0
preceded by 5'
followed by 3'

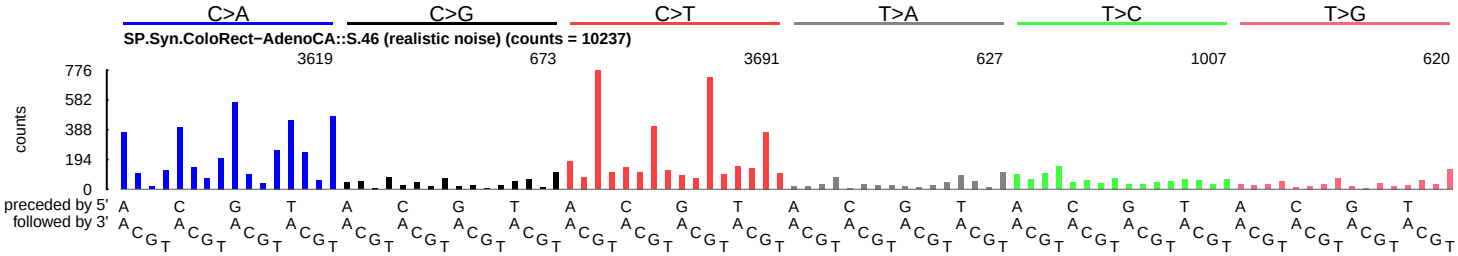

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.ColoRect−AdenoCA::S.41 (realistic noise) (counts = 25238)
6528
1855
5711
1680
2478
6986
counts
3276
2457
1638
819
0
preceded by 5'
followed by 3'

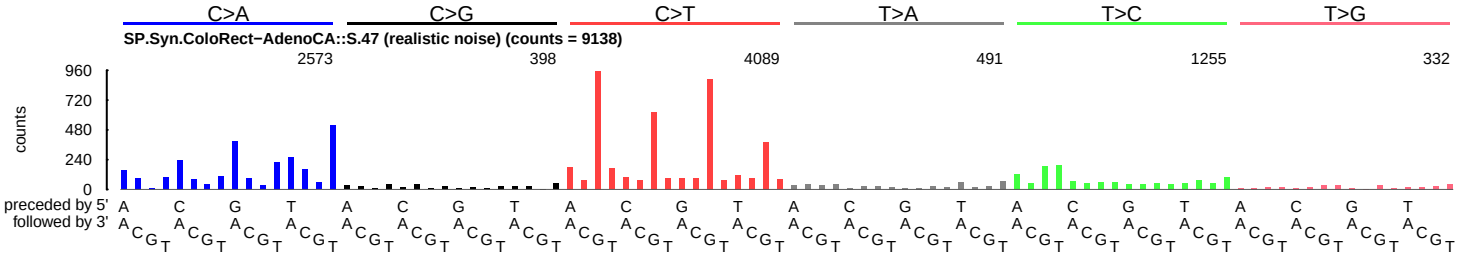

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.ColoRect−AdenoCA::S.42 (realistic noise) (counts = 22832)
6087
2414
6237
2209
3448
2437
counts
768
576
384
192
0
preceded by 5'
followed by 3'

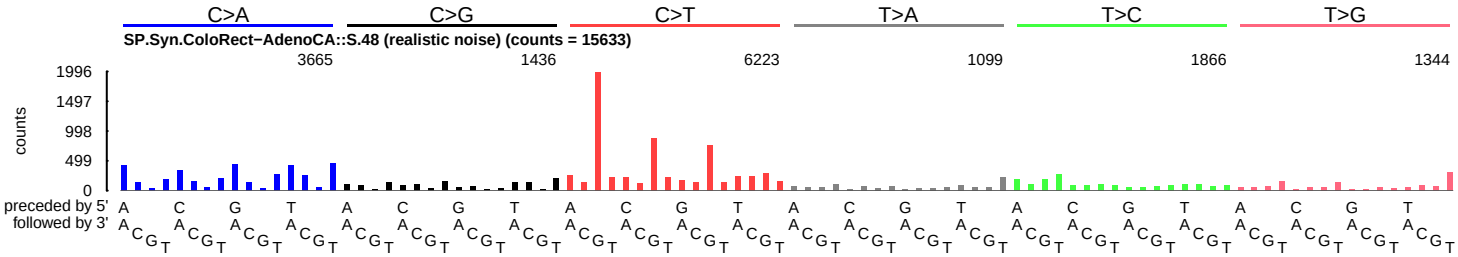

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.ColoRect−AdenoCA::S.43 (realistic noise) (counts = 19084)
2341
732
6020
840
2347
6804
counts
3740
2805
1870
935
0
preceded by 5'
followed by 3'

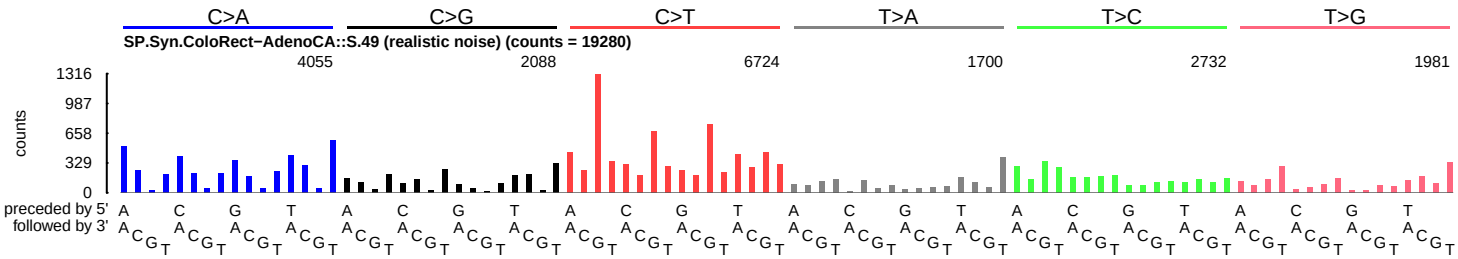

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.ColoRect−AdenoCA::S.44 (realistic noise) (counts = 7552)
1907
344
3958
348
716
279
counts
1032
774
516
258
0
preceded by 5'
followed by 3'

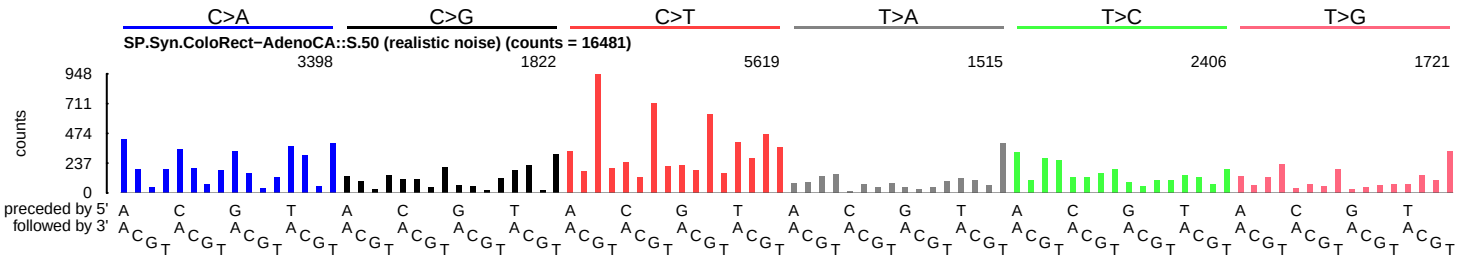

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.ColoRect−AdenoCA::S.45 (realistic noise) (counts = 18592)
4830
2198
5046
1533
2614
2371
counts
768
576
384
192
0
preceded by 5'
followed by 3'

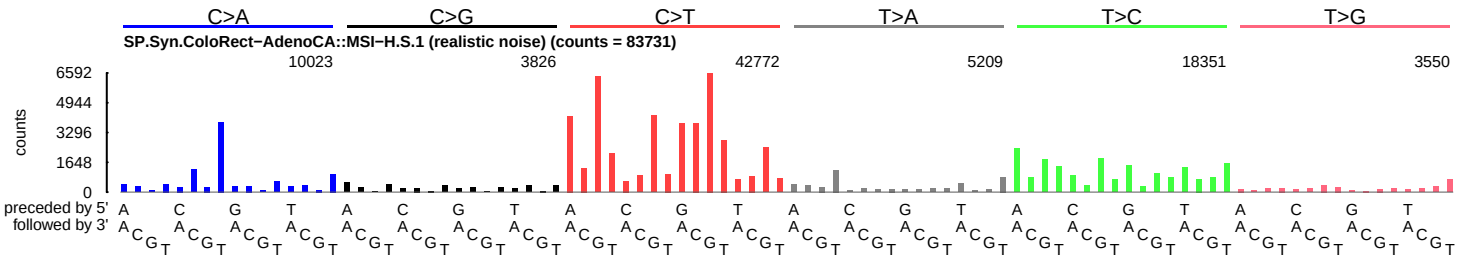

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.ColoRect−AdenoCA::S.46 (realistic noise) (counts = 10237)
3619
673
3691
627
1007
620
counts
776
582
388
194
0
preceded by 5'
followed by 3'

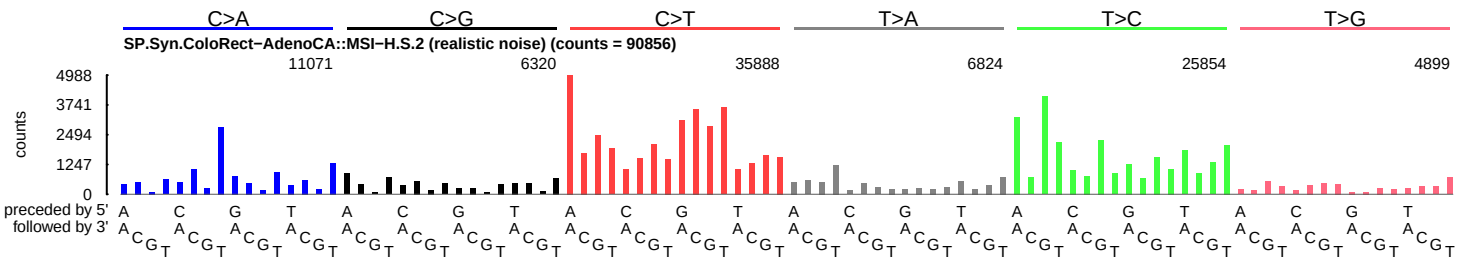

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.ColoRect−AdenoCA::S.47 (realistic noise) (counts = 9138)
2573
398
4089
491
1255
332
counts
960
720
480
240
0
preceded by 5'
followed by 3'

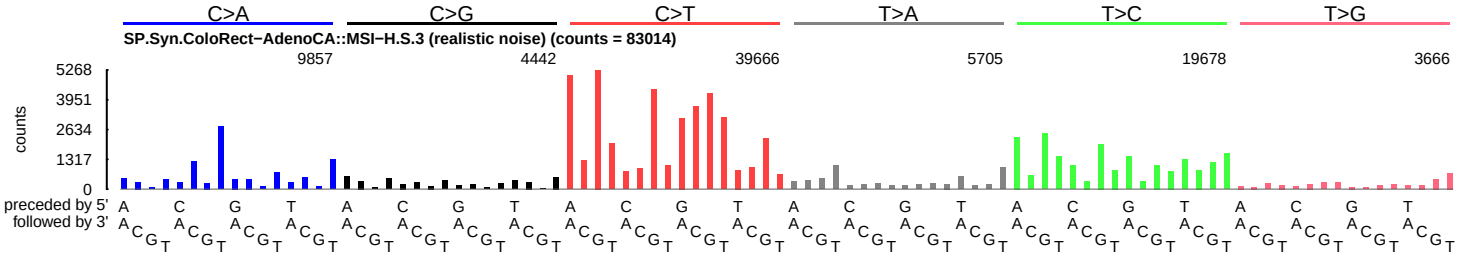

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.ColoRect−AdenoCA::S.48 (realistic noise) (counts = 15633)
3665
1436
6223
1099
1866
1344
counts
1996
1497
998
499
0
preceded by 5'
followed by 3'

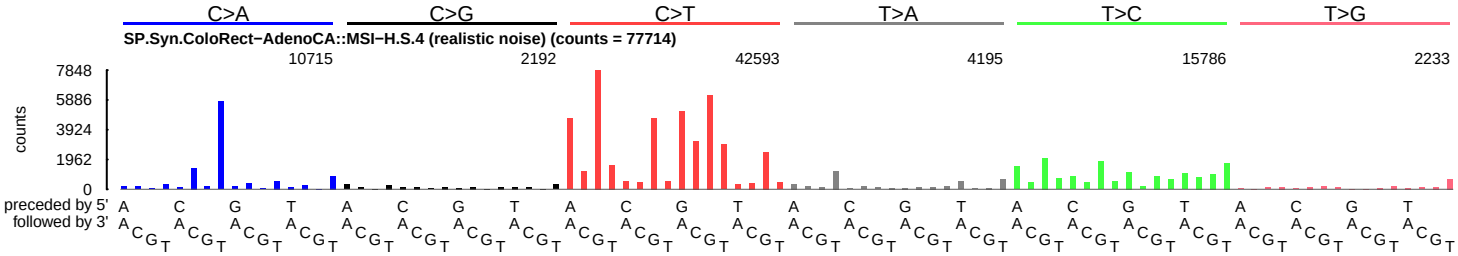

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.ColoRect−AdenoCA::S.49 (realistic noise) (counts = 19280)
4055
2088
6724
1700
2732
1981
counts
1316
987
658
329
0
preceded by 5'
followed by 3'

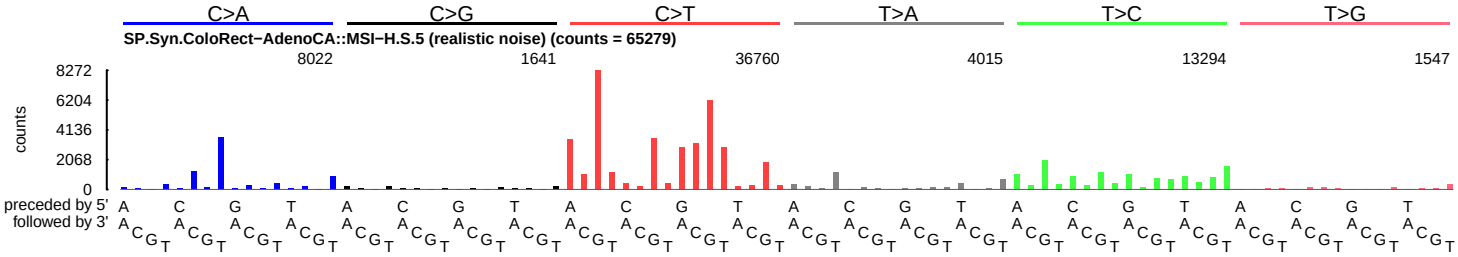

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.ColoRect−AdenoCA::S.50 (realistic noise) (counts = 16481)
3398
1822
5619
1515
2406
1721
counts
948
711
474
237
0
preceded by 5'
followed by 3'

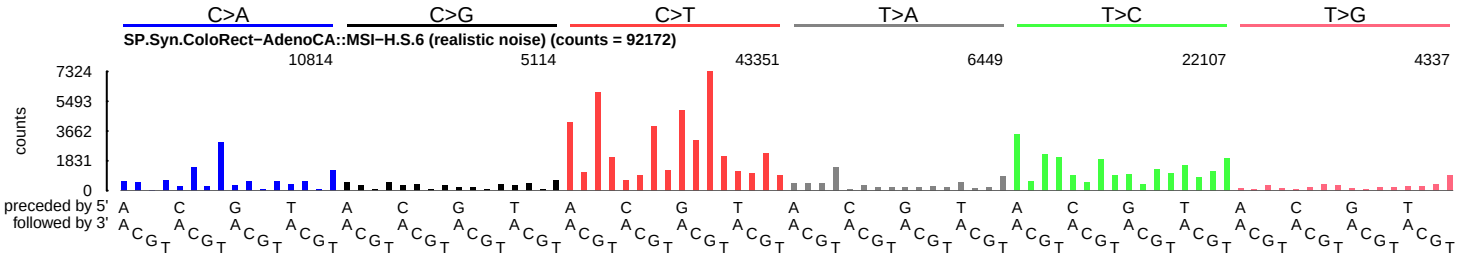

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.ColoRect−AdenoCA::MSI−H.S.1 (realistic noise) (counts = 83731)
10023
3826
42772
5209
18351
3550
counts
6592
4944
3296
1648
0
preceded by 5'
followed by 3'

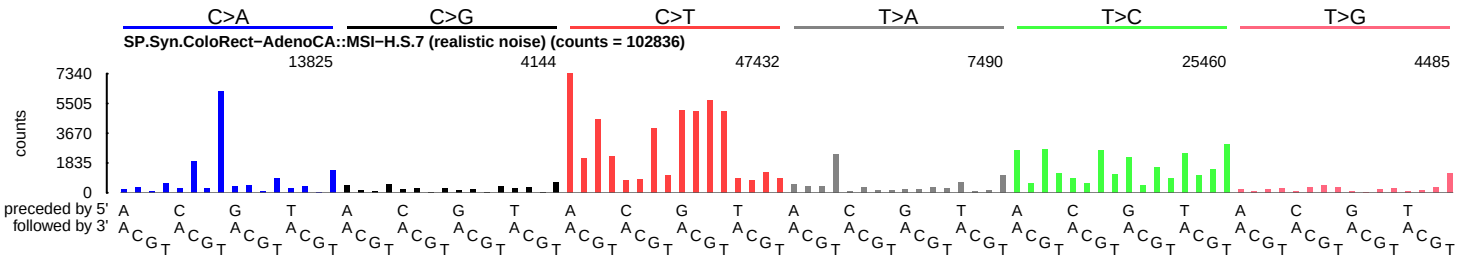

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.ColoRect−AdenoCA::MSI−H.S.2 (realistic noise) (counts = 90856)
11071
6320
35888
6824
25854
4899
counts
4988
3741
2494
1247
0
preceded by 5'
followed by 3'

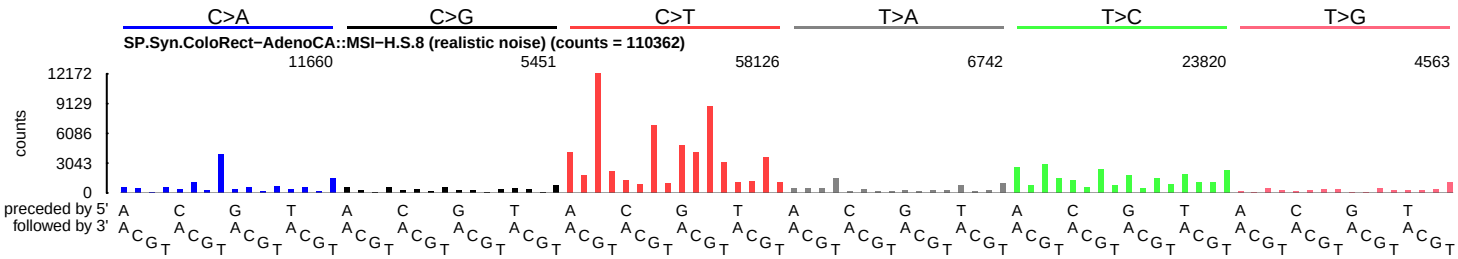

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.ColoRect−AdenoCA::MSI−H.S.3 (realistic noise) (counts = 83014)
9857
4442
39666
5705
19678
3666
counts
5268
3951
2634
1317
0
preceded by 5'
followed by 3'

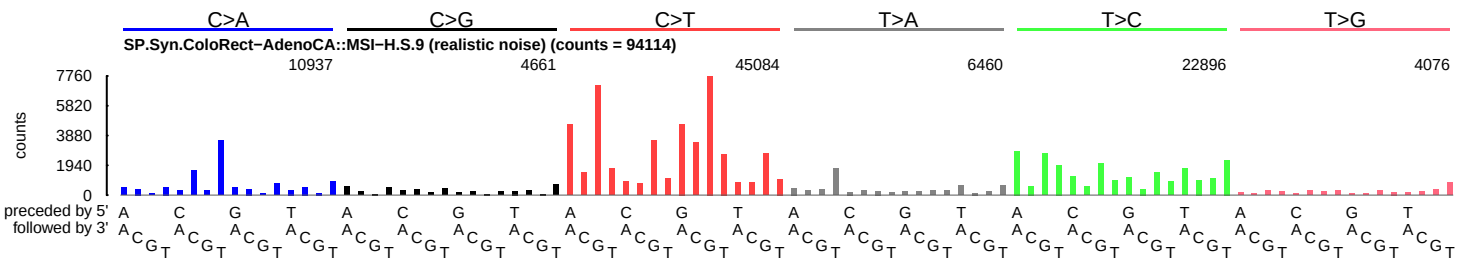

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.ColoRect−AdenoCA::MSI−H.S.4 (realistic noise) (counts = 77714)
10715
2192
42593
4195
15786
2233
counts
7848
5886
3924
1962
0
preceded by 5'
followed by 3'

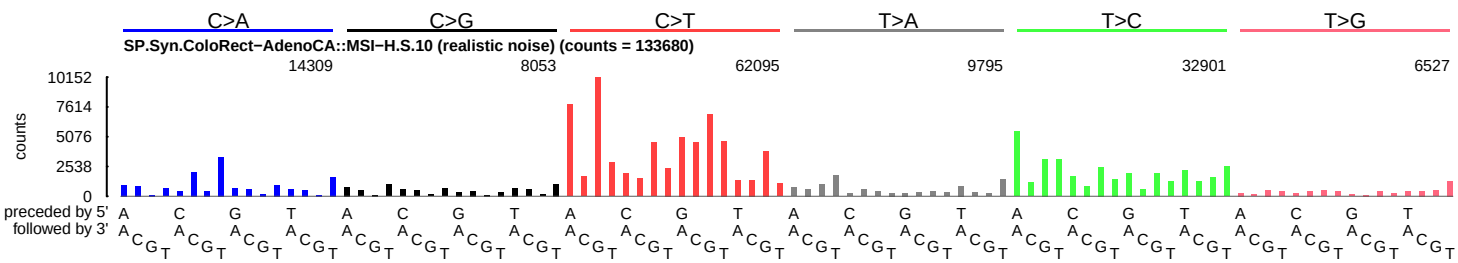

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.ColoRect−AdenoCA::MSI−H.S.5 (realistic noise) (counts = 65279)
8022
1641
36760
4015
13294
1547
counts
8272
6204
4136
2068
0
preceded by 5'
followed by 3'

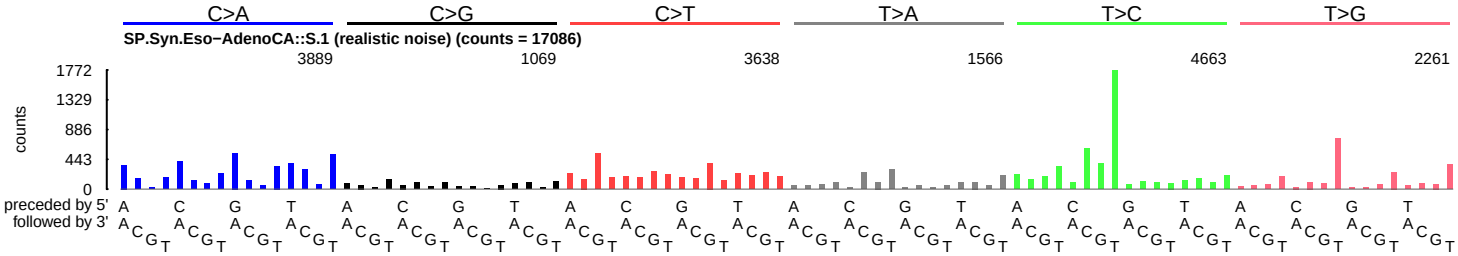

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.ColoRect−AdenoCA::MSI−H.S.6 (realistic noise) (counts = 92172)
10814
5114
43351
6449
22107
4337
counts
7324
5493
3662
1831
0
preceded by 5'
followed by 3'

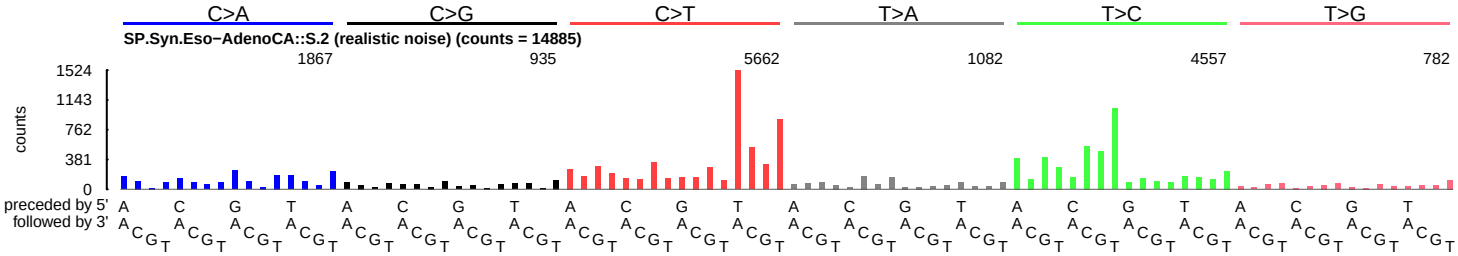

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.ColoRect−AdenoCA::MSI−H.S.7 (realistic noise) (counts = 102836)
13825
4144
47432
7490
25460
4485
counts
7340
5505
3670
1835
0
preceded by 5'
followed by 3'

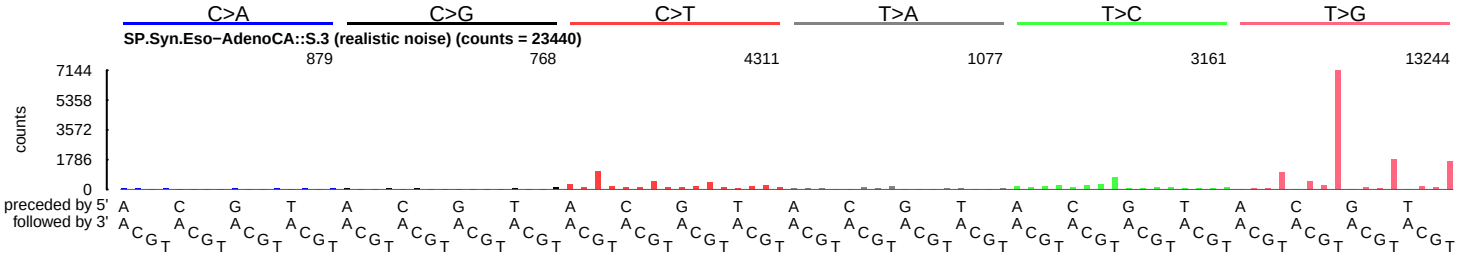

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.ColoRect−AdenoCA::MSI−H.S.8 (realistic noise) (counts = 110362)
11660
5451
58126
6742
23820
4563
counts
12172
9129
6086
3043
0
preceded by 5'
followed by 3'

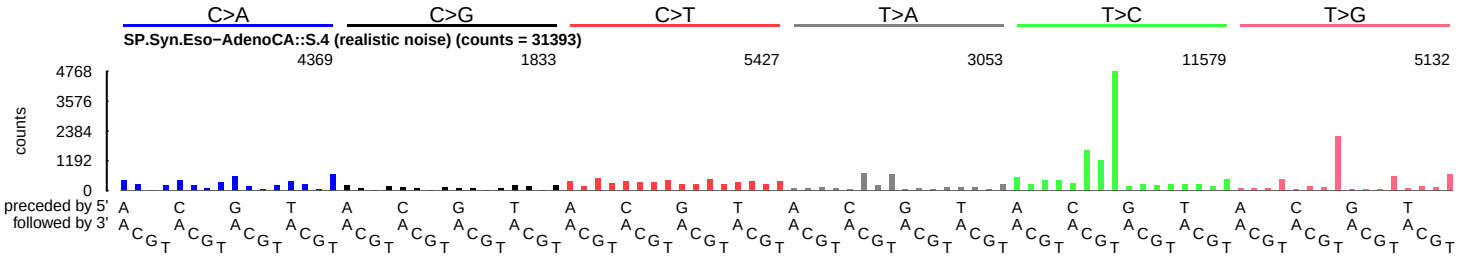

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.ColoRect−AdenoCA::MSI−H.S.9 (realistic noise) (counts = 94114)
10937
4661
45084
6460
22896
4076
counts
7760
5820
3880
1940
0
preceded by 5'
followed by 3'

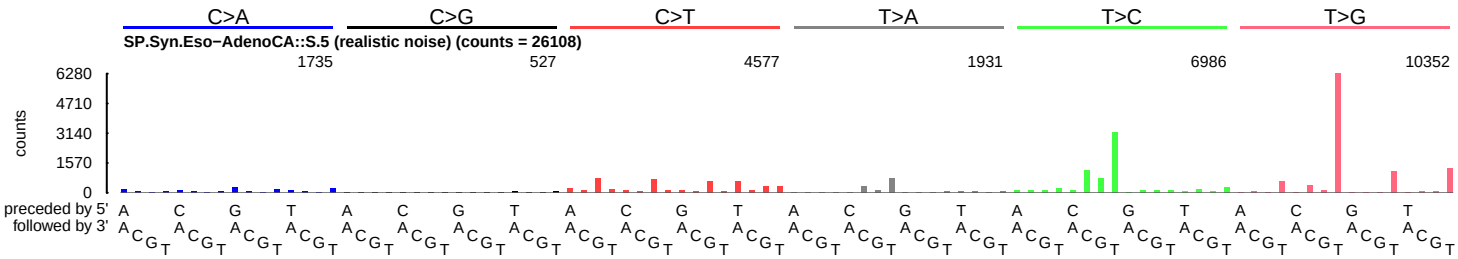

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.ColoRect−AdenoCA::MSI−H.S.10 (realistic noise) (counts = 133680)
14309
8053
62095
9795
32901
6527
counts
10152
7614
5076
2538
0
preceded by 5'
followed by 3'

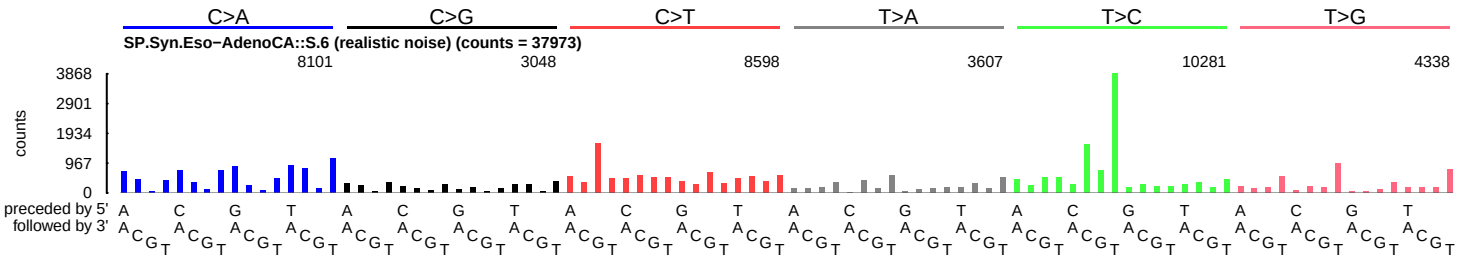

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Eso−AdenoCA::S.1 (realistic noise) (counts = 17086)
3889
1069
3638
1566
4663
2261
counts
1772
1329
886
443
0
preceded by 5'
followed by 3'

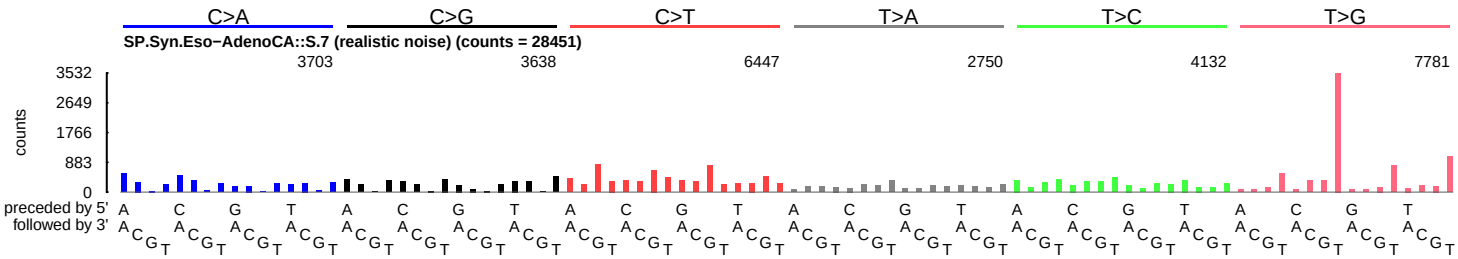

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Eso−AdenoCA::S.2 (realistic noise) (counts = 14885)
1867
935
5662
1082
4557
782
counts
1524
1143
762
381
0
preceded by 5'
followed by 3'

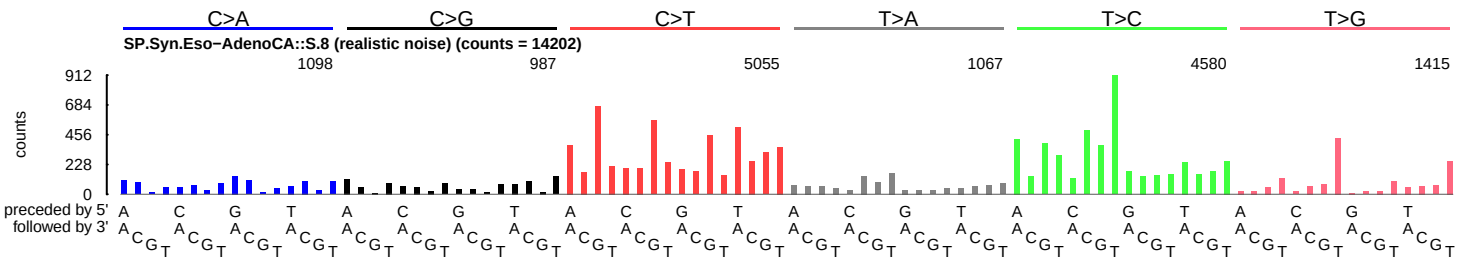

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Eso−AdenoCA::S.3 (realistic noise) (counts = 23440)
879
768
4311
1077
3161
13244
counts
7144
5358
3572
1786
0
preceded by 5'
followed by 3'

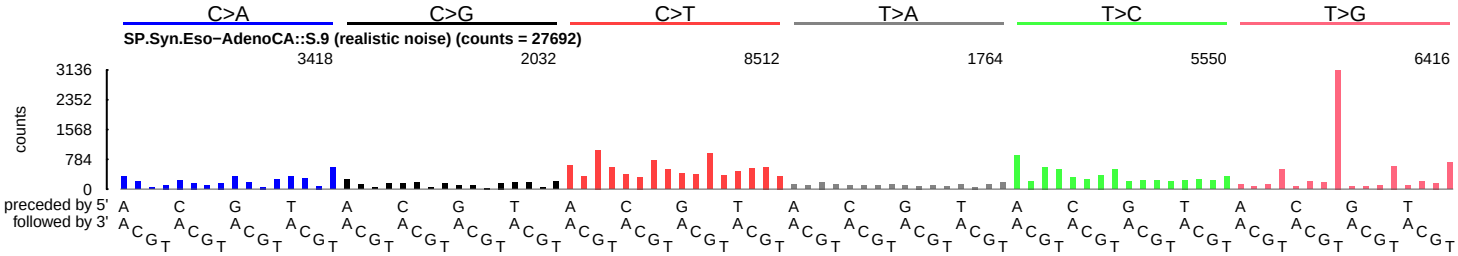

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Eso−AdenoCA::S.4 (realistic noise) (counts = 31393)
4369
1833
5427
3053
11579
5132
counts
4768
3576
2384
1192
0
preceded by 5'
followed by 3'

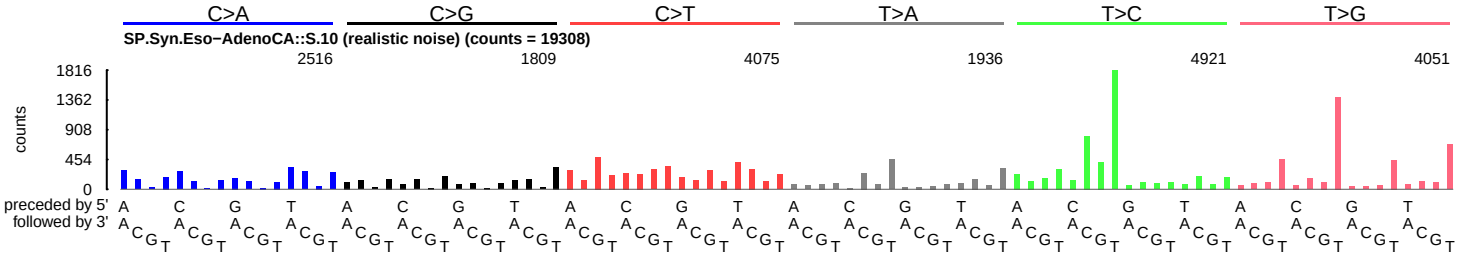

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Eso−AdenoCA::S.5 (realistic noise) (counts = 26108)
1735
527
4577
1931
6986
10352
counts
6280
4710
3140
1570
0
preceded by 5'
followed by 3'

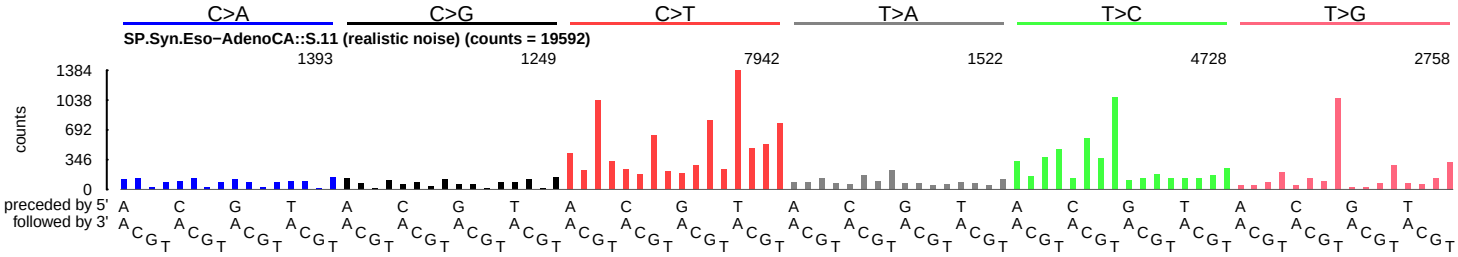

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Eso−AdenoCA::S.6 (realistic noise) (counts = 37973)
8101
3048
8598
3607
10281
4338
counts
3868
2901
1934
967
0
preceded by 5'
followed by 3'

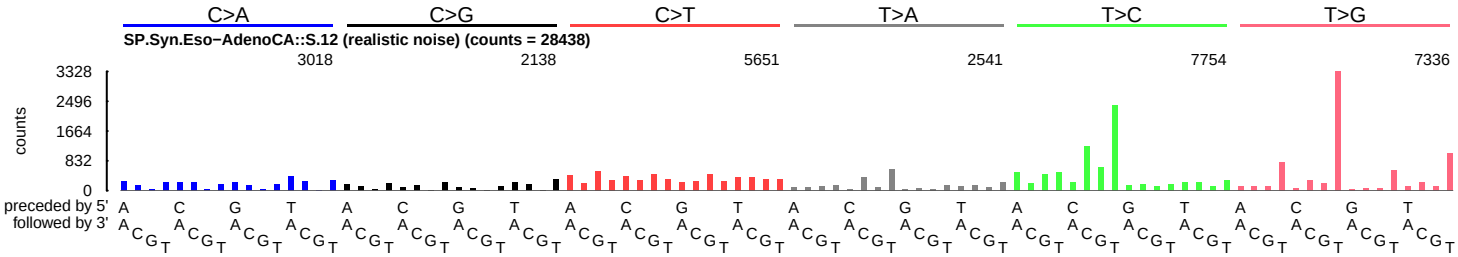

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Eso−AdenoCA::S.7 (realistic noise) (counts = 28451)
3703
3638
6447
2750
4132
7781
counts
3532
2649
1766
883
0
preceded by 5'
followed by 3'

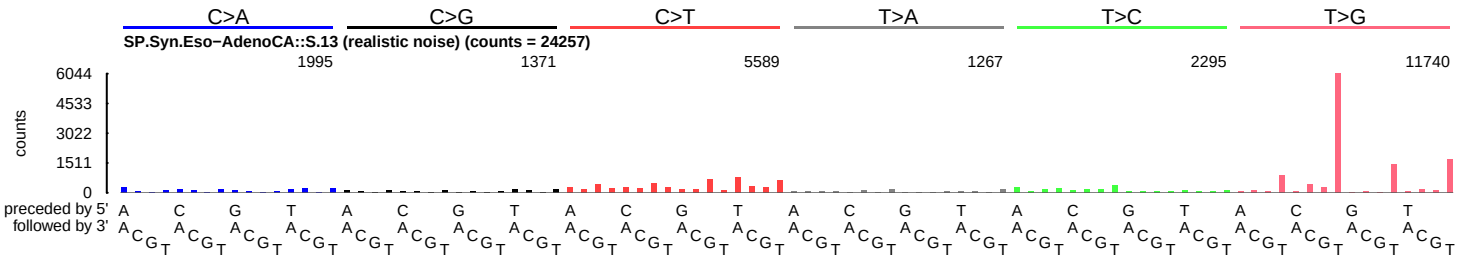

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Eso−AdenoCA::S.8 (realistic noise) (counts = 14202)
1098
987
5055
1067
4580
1415
counts
912
684
456
228
0
preceded by 5'
followed by 3'

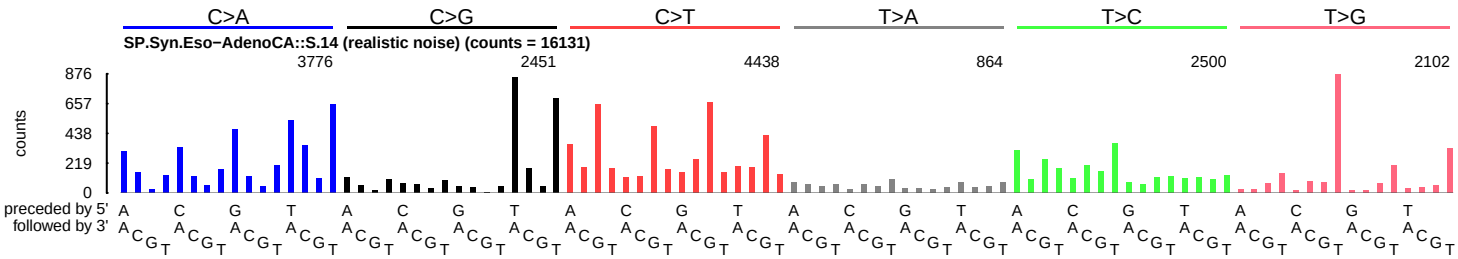

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Eso−AdenoCA::S.9 (realistic noise) (counts = 27692)
3418
2032
8512
1764
5550
6416
counts
3136
2352
1568
784
0
preceded by 5'
followed by 3'

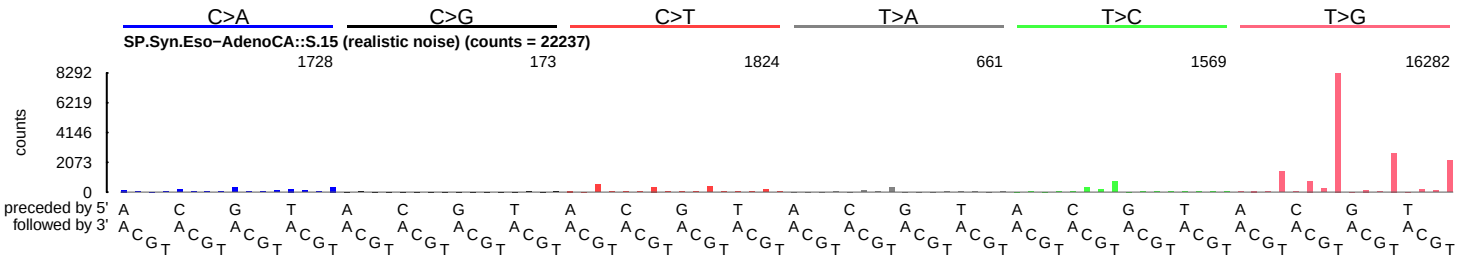

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Eso−AdenoCA::S.10 (realistic noise) (counts = 19308)
2516
1809
4075
1936
4921
4051
counts
1816
1362
908
454
0
preceded by 5'
followed by 3'

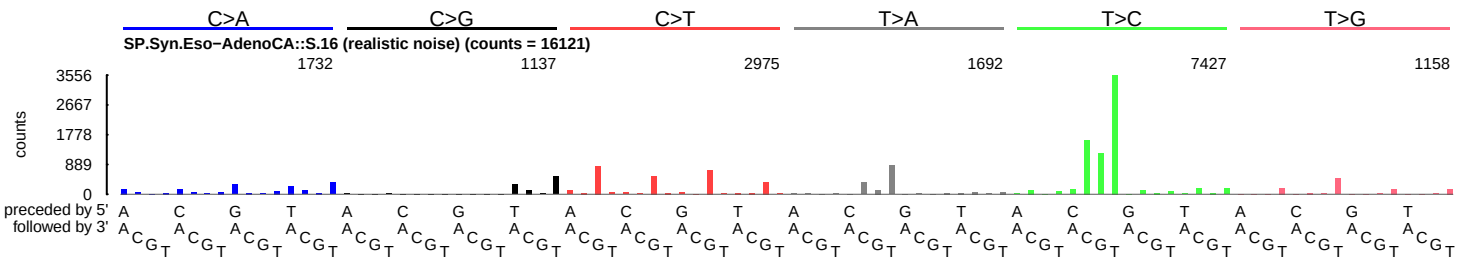

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Eso−AdenoCA::S.11 (realistic noise) (counts = 19592)
1393
1249
7942
1522
4728
2758
counts
1384
1038
692
346
0
preceded by 5'
followed by 3'

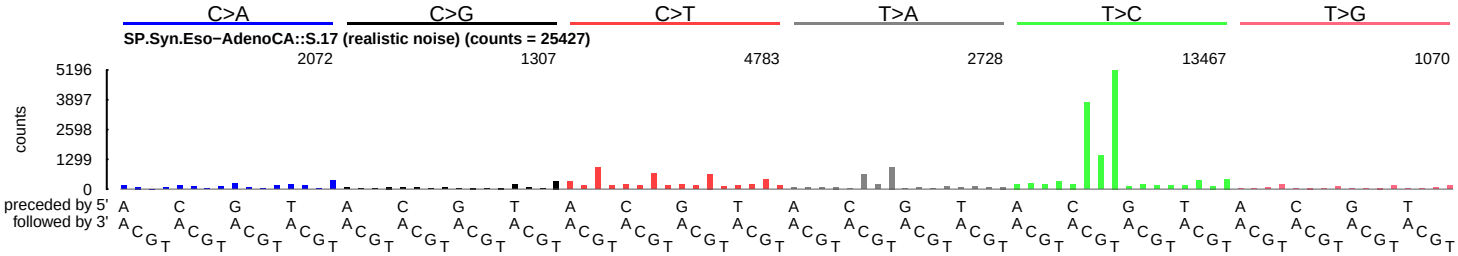

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Eso−AdenoCA::S.12 (realistic noise) (counts = 28438)
3018
2138
5651
2541
7754
7336
counts
3328
2496
1664
832
0
preceded by 5'
followed by 3'

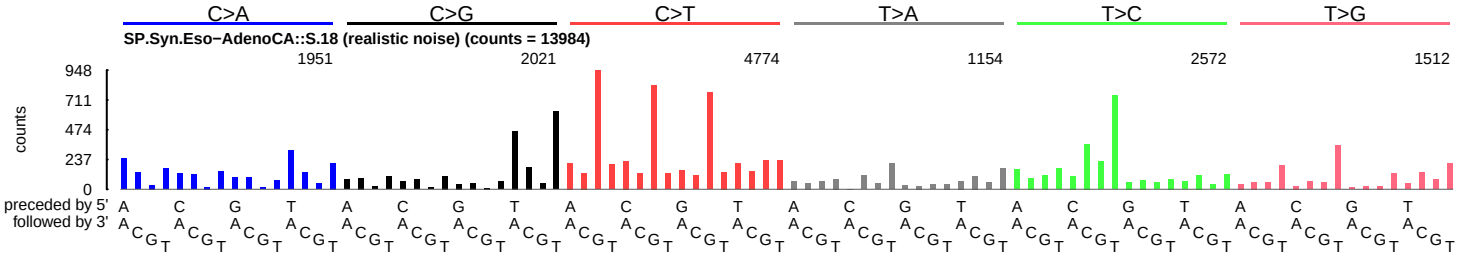

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Eso−AdenoCA::S.13 (realistic noise) (counts = 24257)
1995
1371
5589
1267
2295
11740
counts
6044
4533
3022
1511
0
preceded by 5'
followed by 3'

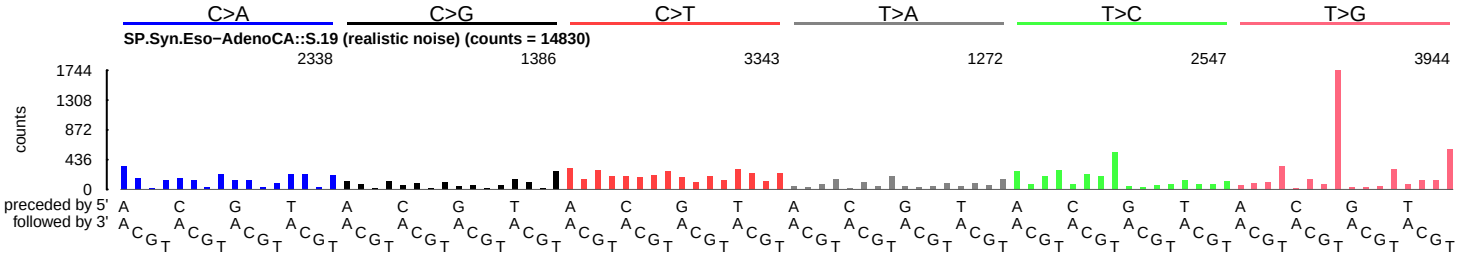

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Eso−AdenoCA::S.14 (realistic noise) (counts = 16131)
3776
2451
4438
864
2500
2102
counts
876
657
438
219
0
preceded by 5'
followed by 3'

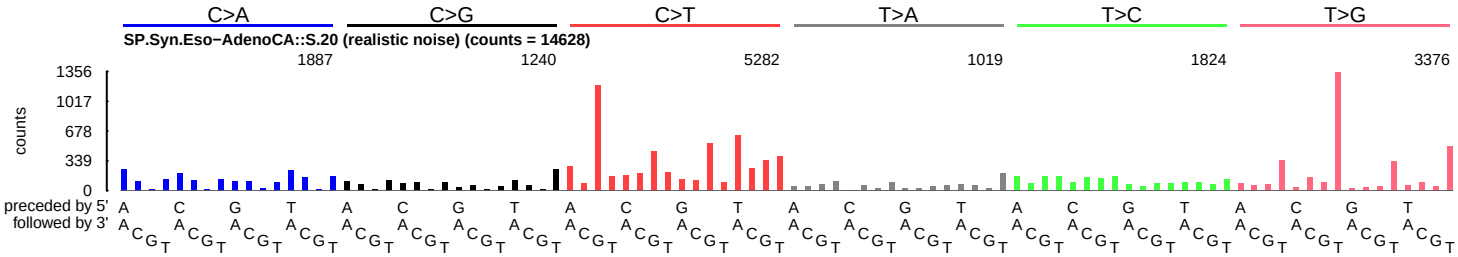

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Eso−AdenoCA::S.15 (realistic noise) (counts = 22237)
1728
173
1824
661
1569
16282
counts
8292
6219
4146
2073
0
preceded by 5'
followed by 3'

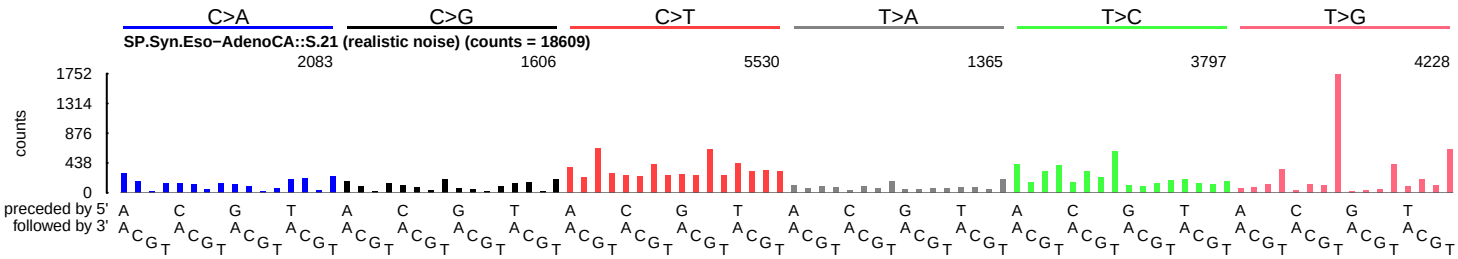

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Eso−AdenoCA::S.16 (realistic noise) (counts = 16121)
1732
1137
2975
1692
7427
1158
counts
3556
2667
1778
889
0
preceded by 5'
followed by 3'

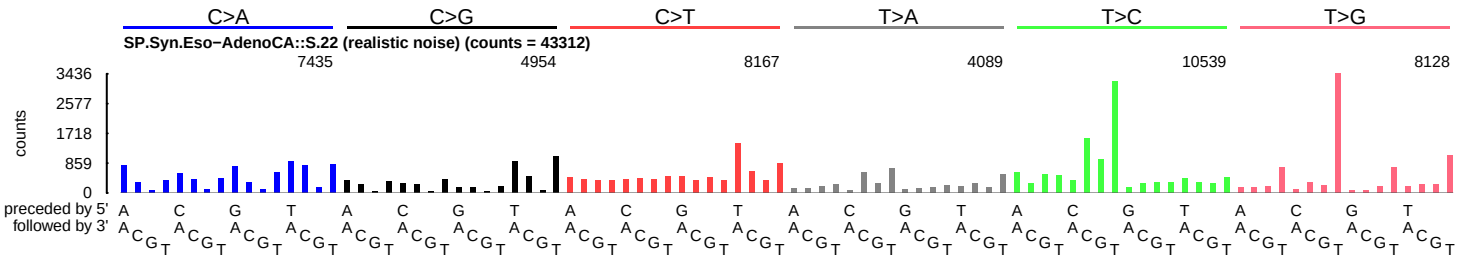

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Eso−AdenoCA::S.17 (realistic noise) (counts = 25427)
2072
1307
4783
2728
13467
1070
counts
5196
3897
2598
1299
0
preceded by 5'
followed by 3'

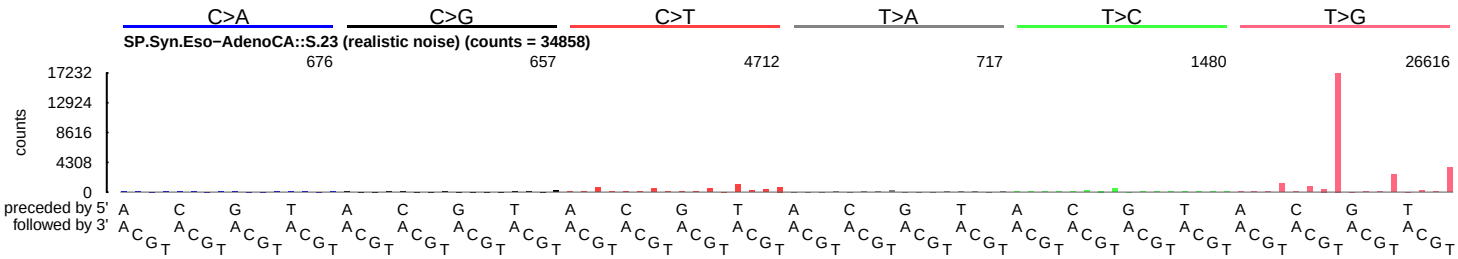

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Eso−AdenoCA::S.18 (realistic noise) (counts = 13984)
1951
2021
4774
1154
2572
1512
counts
948
711
474
237
0
preceded by 5'
followed by 3'

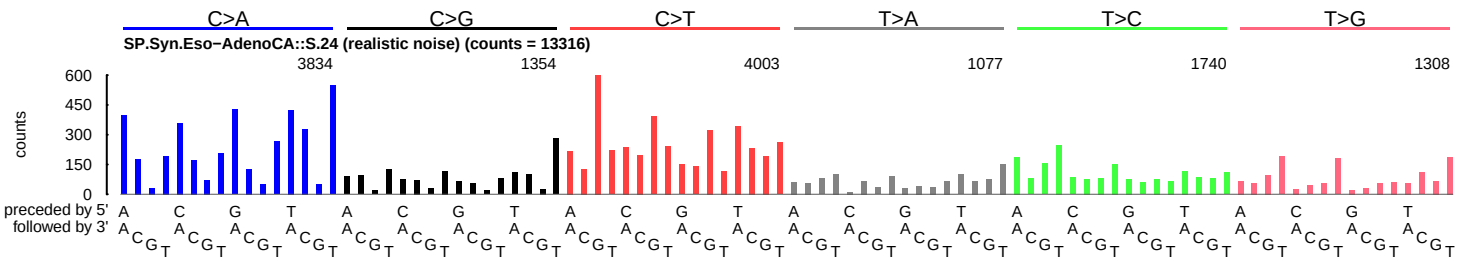

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Eso−AdenoCA::S.19 (realistic noise) (counts = 14830)
2338
1386
3343
1272
2547
3944
counts
1744
1308
872
436
0
preceded by 5'
followed by 3'

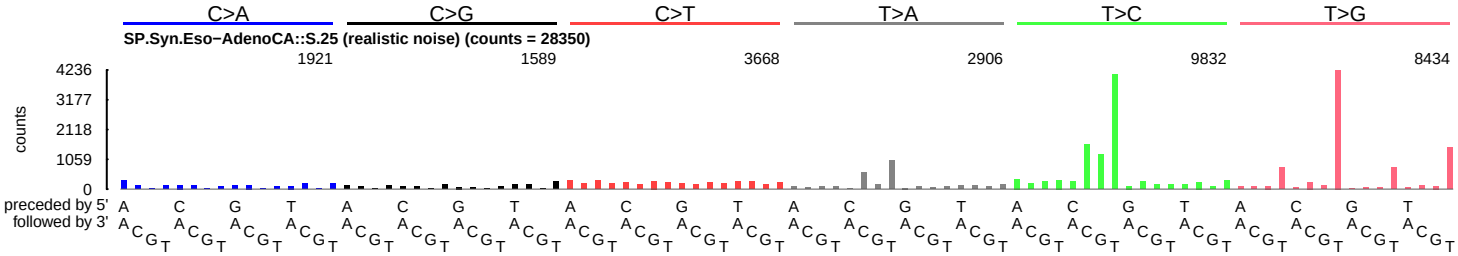

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Eso−AdenoCA::S.20 (realistic noise) (counts = 14628)
1887
1240
5282
1019
1824
3376
counts
1356
1017
678
339
0
preceded by 5'
followed by 3'

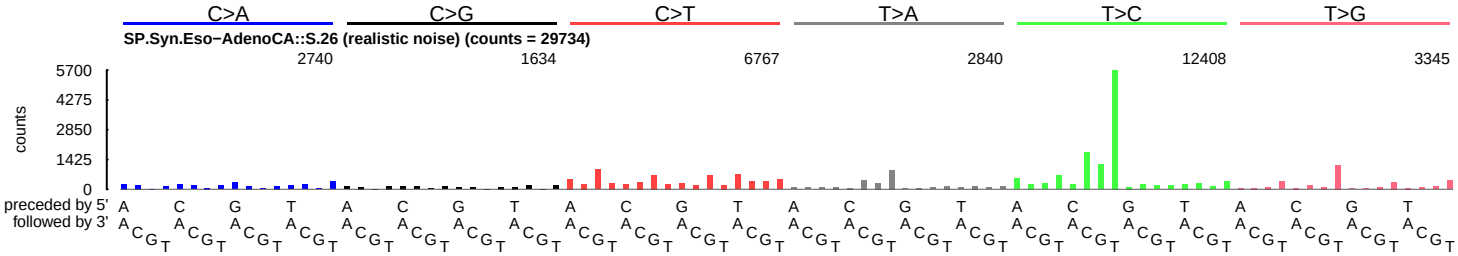

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Eso−AdenoCA::S.21 (realistic noise) (counts = 18609)
2083
1606
5530
1365
3797
4228
counts
1752
1314
876
438
0
preceded by 5'
followed by 3'

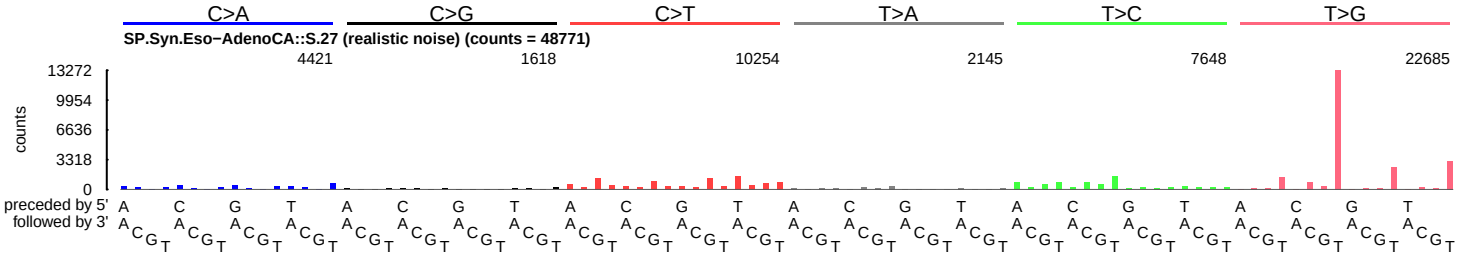

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Eso−AdenoCA::S.22 (realistic noise) (counts = 43312)
7435
4954
8167
4089
10539
8128
counts
3436
2577
1718
859
0
preceded by 5'
followed by 3'

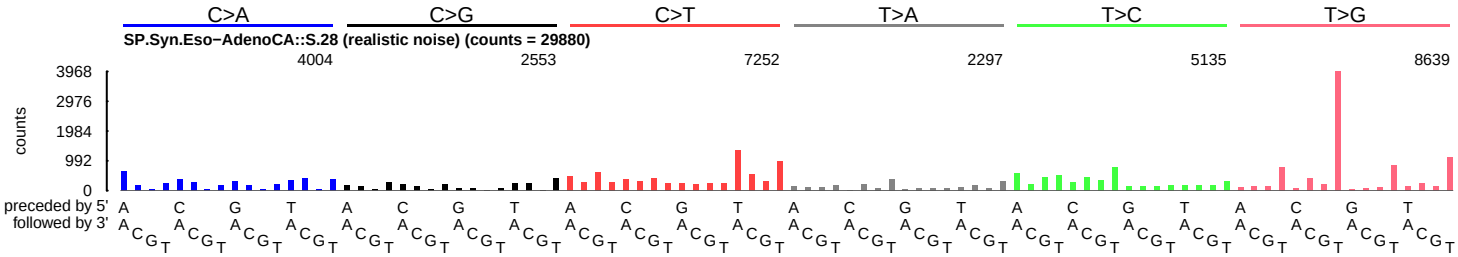

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Eso−AdenoCA::S.23 (realistic noise) (counts = 34858)
676
657
4712
717
1480
26616
counts
17232
12924
8616
4308
0
preceded by 5'
followed by 3'

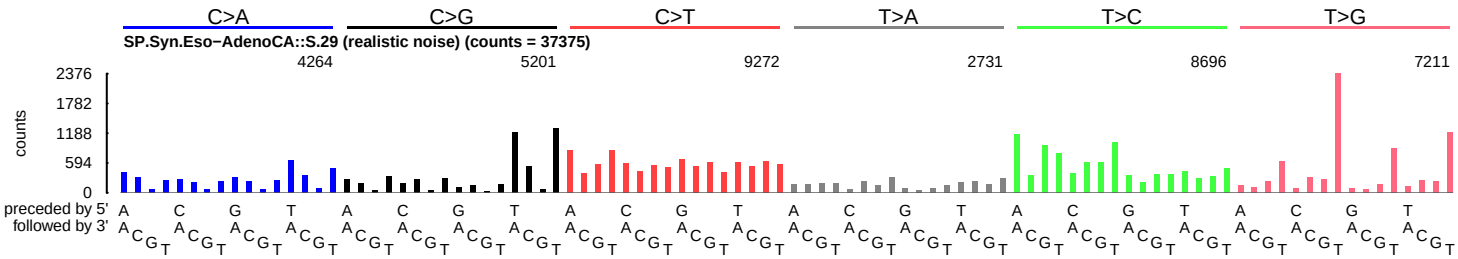

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Eso−AdenoCA::S.24 (realistic noise) (counts = 13316)
3834
1354
4003
1077
1740
1308
counts
600
450
300
150
0
preceded by 5'
followed by 3'

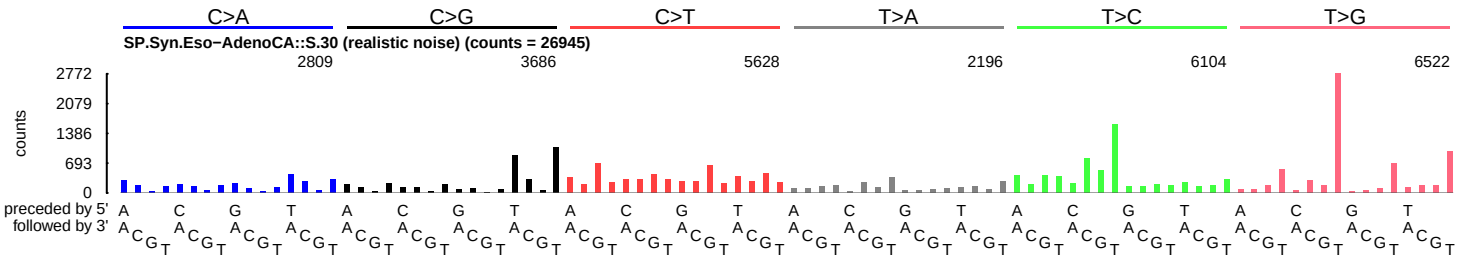

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Eso−AdenoCA::S.25 (realistic noise) (counts = 28350)
1921
1589
3668
2906
9832
8434
counts
4236
3177
2118
1059
0
preceded by 5'
followed by 3'

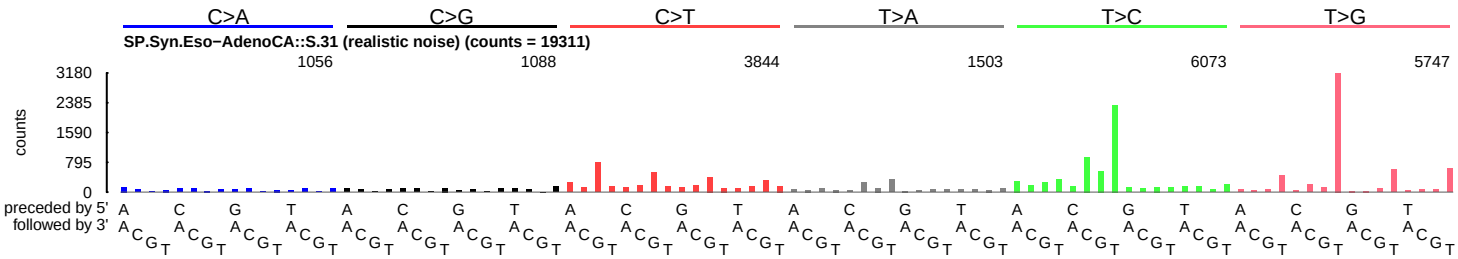

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Eso−AdenoCA::S.26 (realistic noise) (counts = 29734)
2740
1634
6767
2840
12408
3345
counts
5700
4275
2850
1425
0
preceded by 5'
followed by 3'

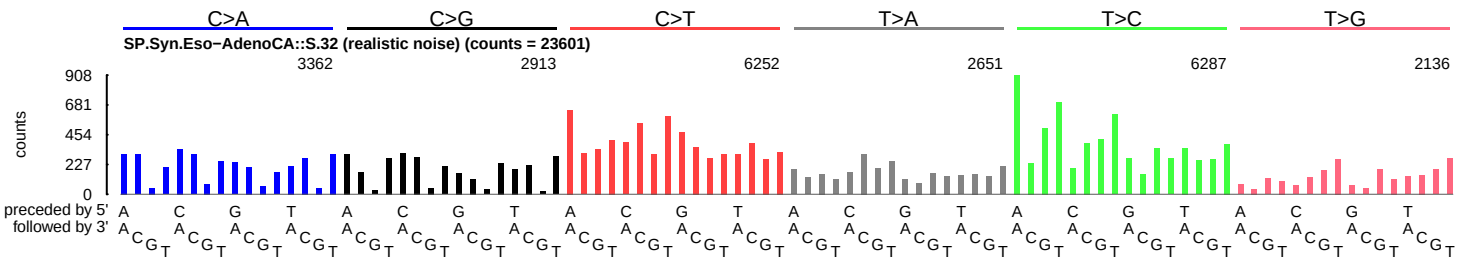

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Eso−AdenoCA::S.27 (realistic noise) (counts = 48771)
4421
1618
10254
2145
7648
22685
counts
13272
9954
6636
3318
0
preceded by 5'
followed by 3'

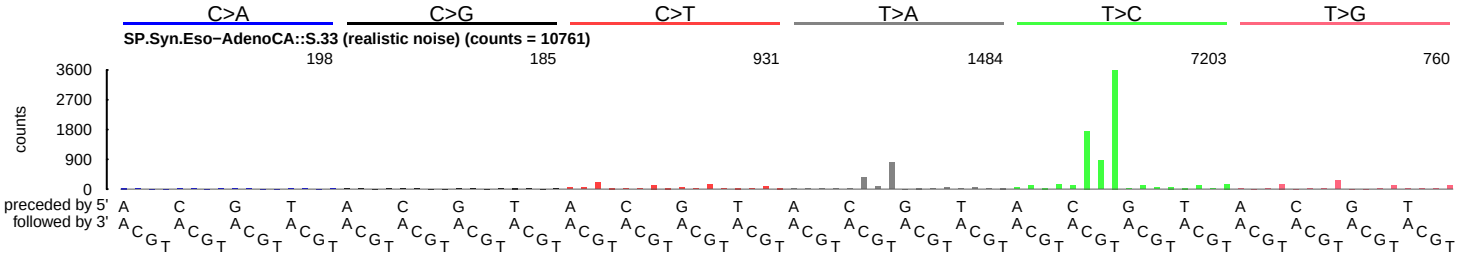

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Eso−AdenoCA::S.28 (realistic noise) (counts = 29880)
4004
2553
7252
2297
5135
8639
counts
3968
2976
1984
992
0
preceded by 5'
followed by 3'

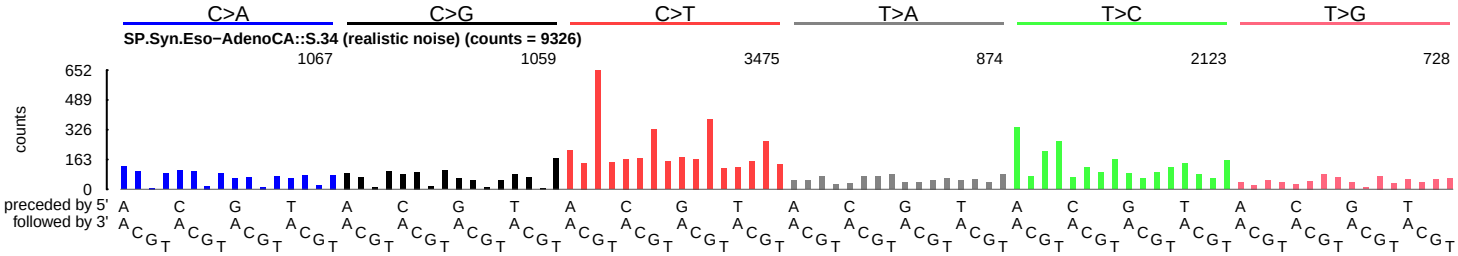

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Eso−AdenoCA::S.29 (realistic noise) (counts = 37375)
4264
5201
9272
2731
8696
7211
counts
2376
1782
1188
594
0
preceded by 5'
followed by 3'

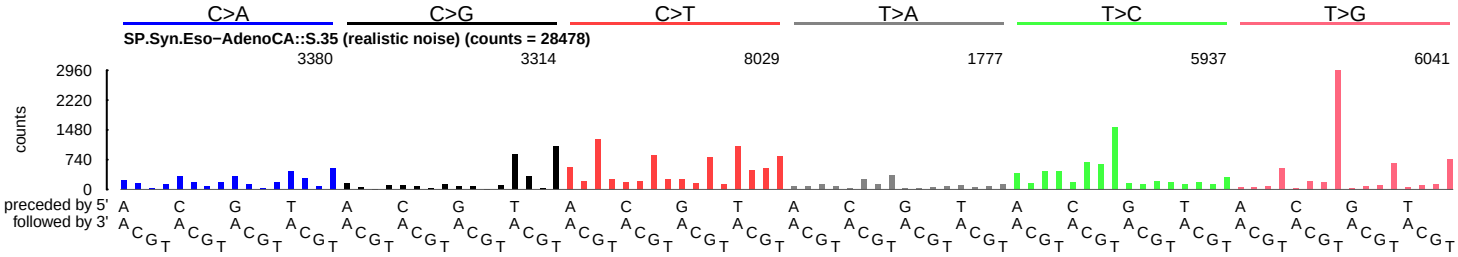

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Eso−AdenoCA::S.30 (realistic noise) (counts = 26945)
2809
3686
5628
2196
6104
6522
counts
2772
2079
1386
693
0
preceded by 5'
followed by 3'

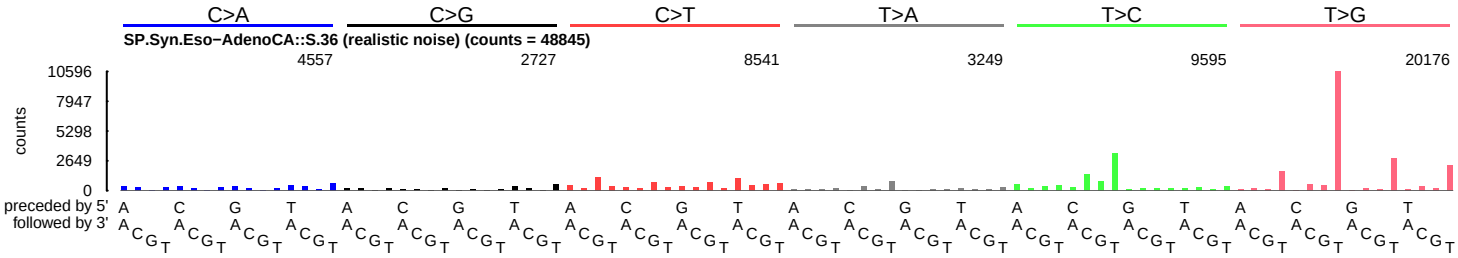

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Eso−AdenoCA::S.31 (realistic noise) (counts = 19311)
1056
1088
3844
1503
6073
5747
counts
3180
2385
1590
795
0
preceded by 5'
followed by 3'

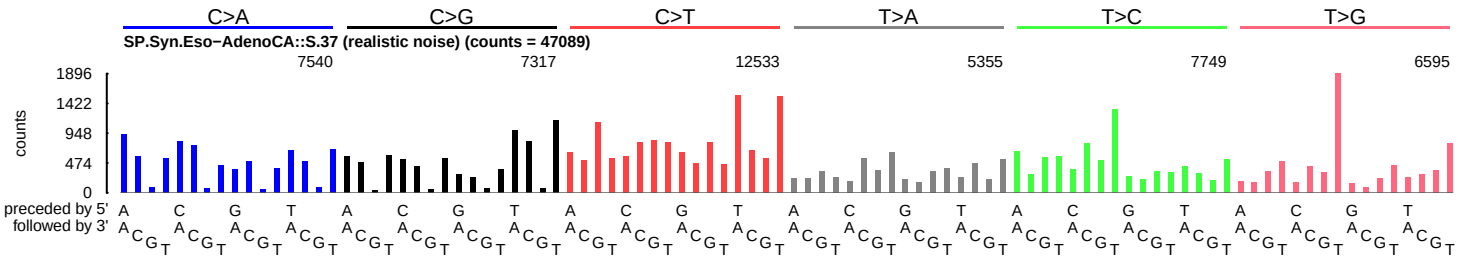

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Eso−AdenoCA::S.32 (realistic noise) (counts = 23601)
3362
2913
6252
2651
6287
2136
counts
908
681
454
227
0
preceded by 5'
followed by 3'

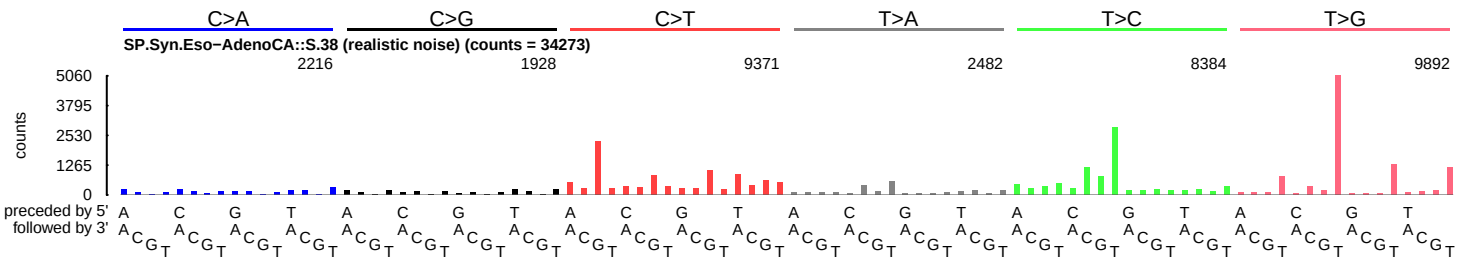

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Eso−AdenoCA::S.33 (realistic noise) (counts = 10761)
198
185
931
1484
7203
760
counts
3600
2700
1800
900
0
preceded by 5'
followed by 3'

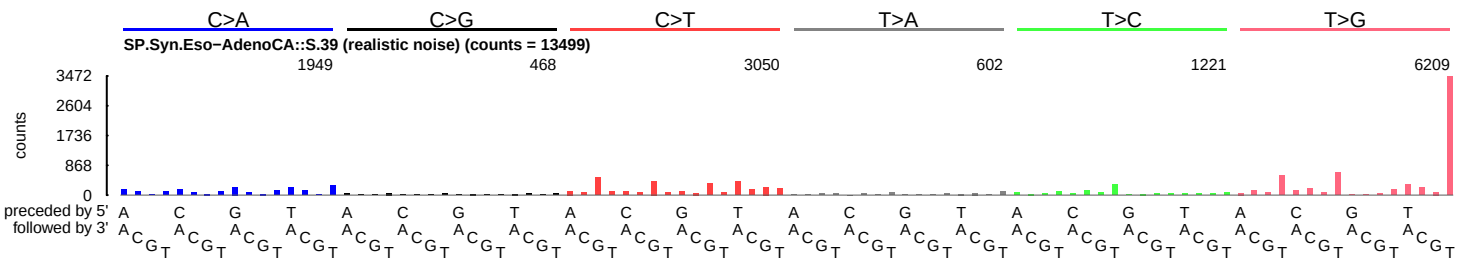

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Eso−AdenoCA::S.34 (realistic noise) (counts = 9326)
1067
1059
3475
874
2123
728
counts
652
489
326
163
0
preceded by 5'
followed by 3'

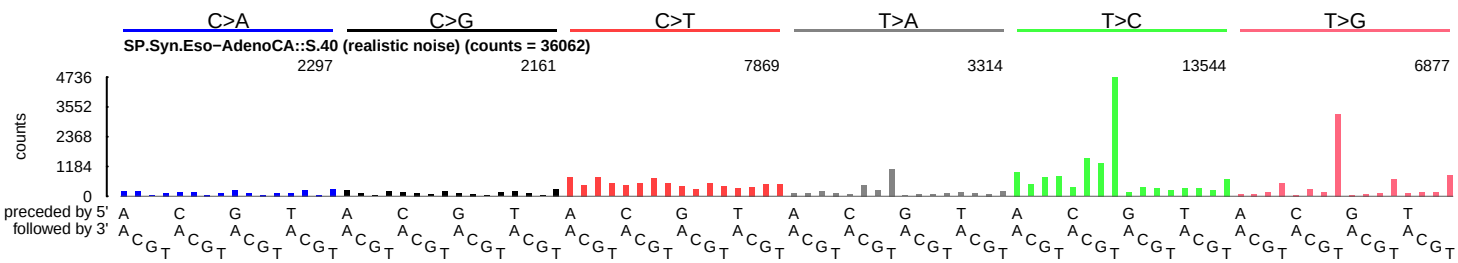

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Eso−AdenoCA::S.35 (realistic noise) (counts = 28478)
3380
3314
8029
1777
5937
6041
counts
2960
2220
1480
740
0
preceded by 5'
followed by 3'

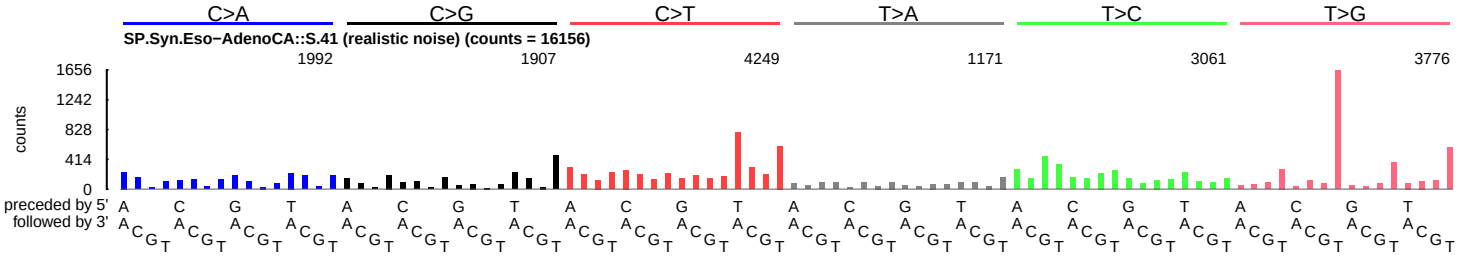

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Eso−AdenoCA::S.36 (realistic noise) (counts = 48845)
4557
2727
8541
3249
9595
20176
counts
10596
7947
5298
2649
0
preceded by 5'
followed by 3'

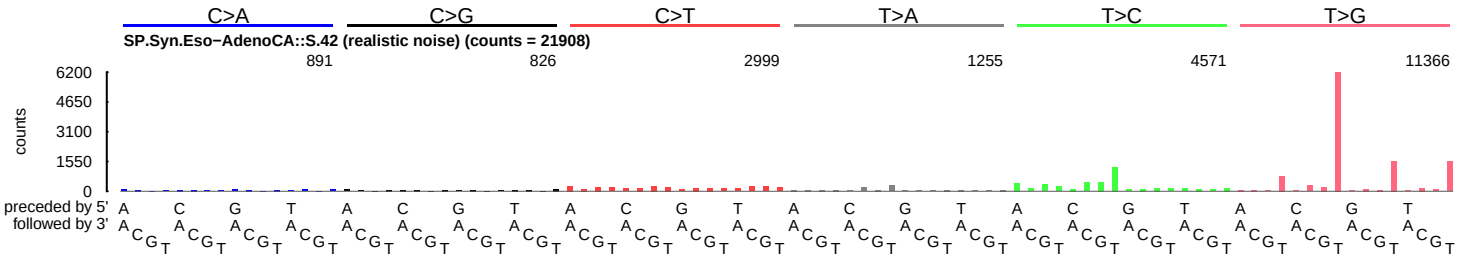

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Eso−AdenoCA::S.37 (realistic noise) (counts = 47089)
7540
7317
12533
5355
7749
6595
counts
1896
1422
948
474
0
preceded by 5'
followed by 3'

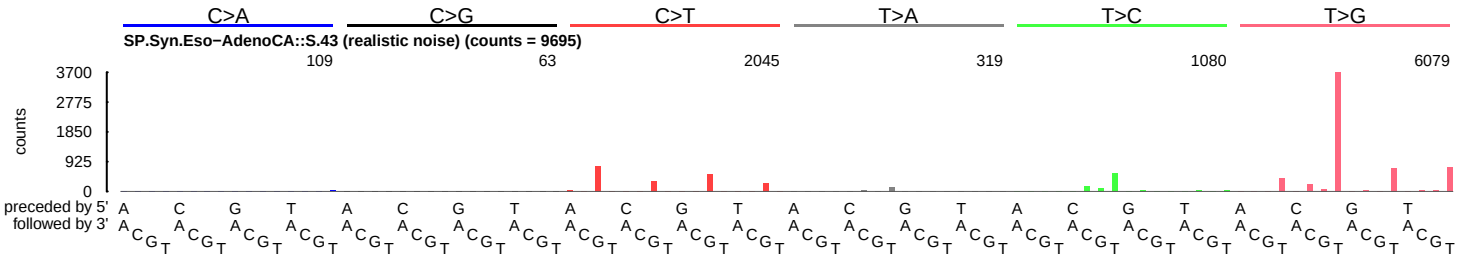

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Eso−AdenoCA::S.38 (realistic noise) (counts = 34273)
2216
1928
9371
2482
8384
9892
counts
5060
3795
2530
1265
0
preceded by 5'
followed by 3'

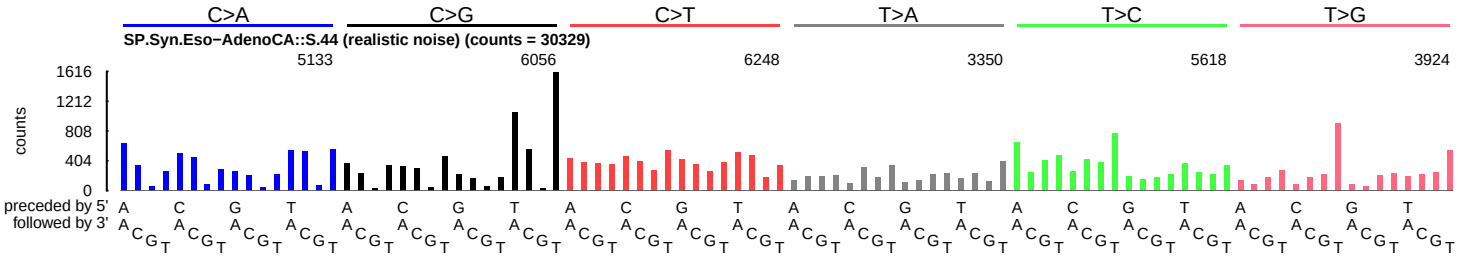

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Eso−AdenoCA::S.39 (realistic noise) (counts = 13499)
1949
468
3050
602
1221
6209
counts
3472
2604
1736
868
0
preceded by 5'
followed by 3'

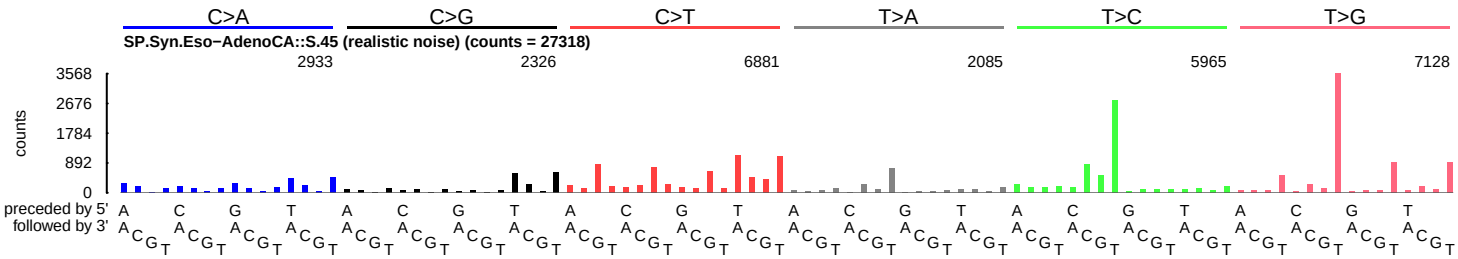

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Eso−AdenoCA::S.40 (realistic noise) (counts = 36062)
2297
2161
7869
3314
13544
6877
counts
4736
3552
2368
1184
0
preceded by 5'
followed by 3'

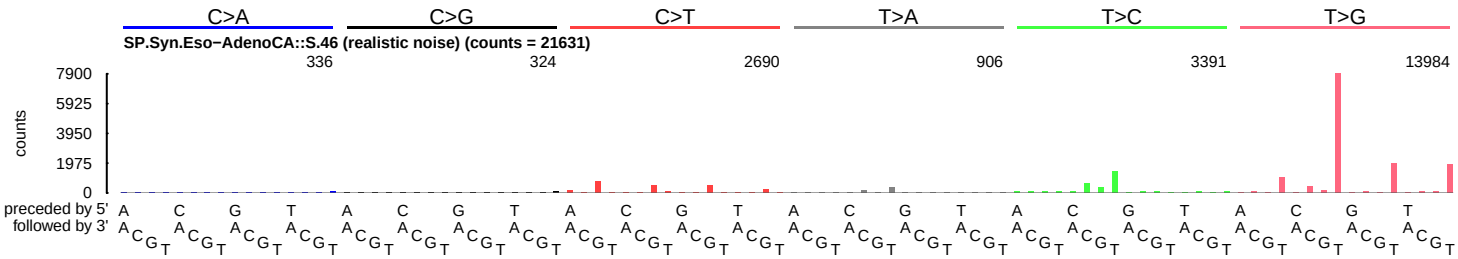

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Eso−AdenoCA::S.41 (realistic noise) (counts = 16156)
1992
1907
4249
1171
3061
3776
counts
1656
1242
828
414
0
preceded by 5'
followed by 3'

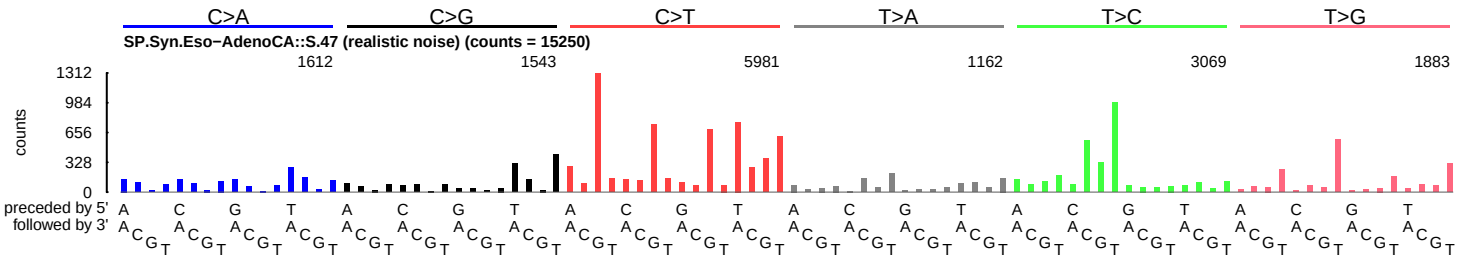

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Eso−AdenoCA::S.42 (realistic noise) (counts = 21908)
891
826
2999
1255
4571
11366
counts
6200
4650
3100
1550
0
preceded by 5'
followed by 3'

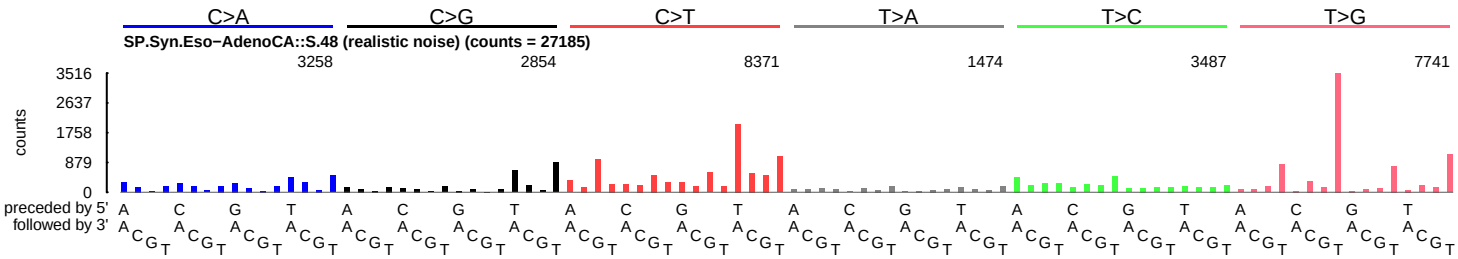

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Eso−AdenoCA::S.43 (realistic noise) (counts = 9695)
109
63
2045
319
1080
6079
counts
3700
2775
1850
925
0
preceded by 5'
followed by 3'

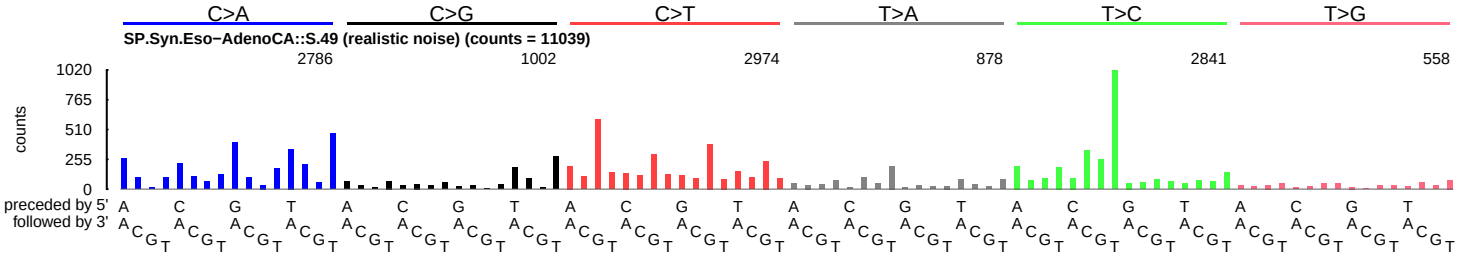

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Eso−AdenoCA::S.44 (realistic noise) (counts = 30329)
5133
6056
6248
3350
5618
3924
counts
1616
1212
808
404
0
preceded by 5'
followed by 3'

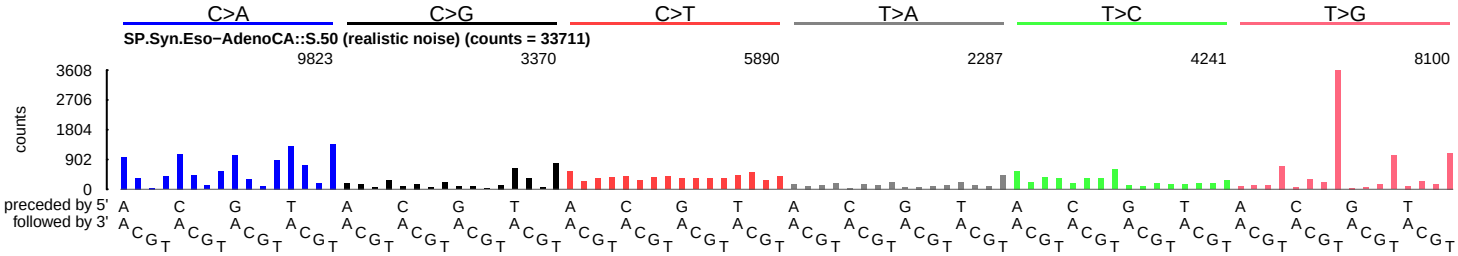

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Eso−AdenoCA::S.45 (realistic noise) (counts = 27318)
2933
2326
6881
2085
5965
7128
counts
3568
2676
1784
892
0
preceded by 5'
followed by 3'

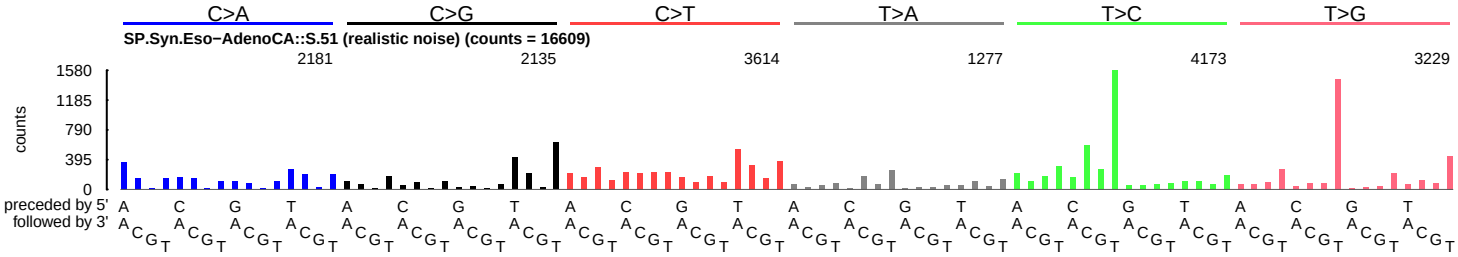

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Eso−AdenoCA::S.46 (realistic noise) (counts = 21631)
336
324
2690
906
3391
13984
counts
7900
5925
3950
1975
0
preceded by 5'
followed by 3'

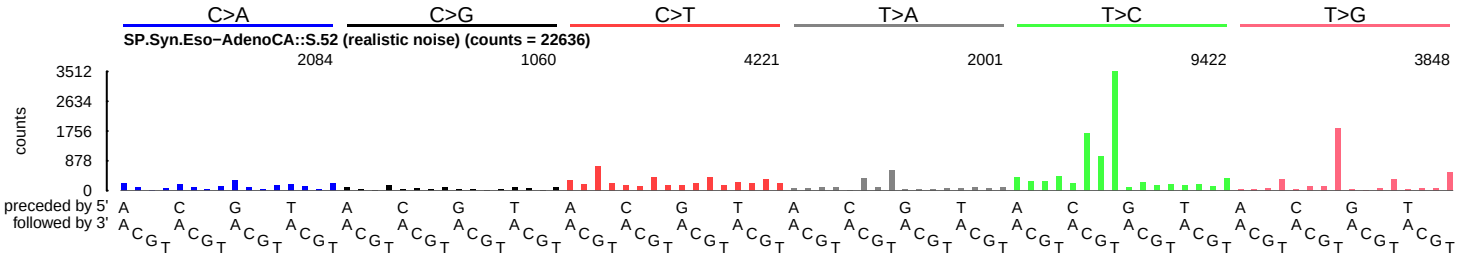

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Eso−AdenoCA::S.47 (realistic noise) (counts = 15250)
1612
1543
5981
1162
3069
1883
counts
1312
984
656
328
0
preceded by 5'
followed by 3'

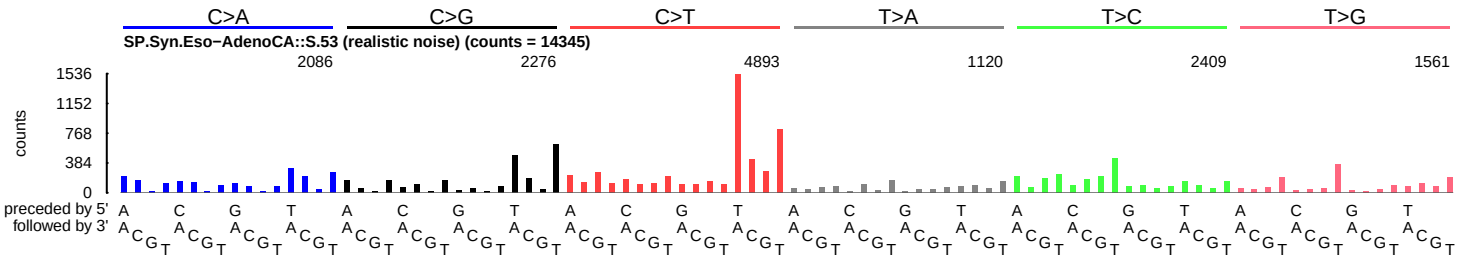

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Eso−AdenoCA::S.48 (realistic noise) (counts = 27185)
3258
2854
8371
1474
3487
7741
counts
3516
2637
1758
879
0
preceded by 5'
followed by 3'

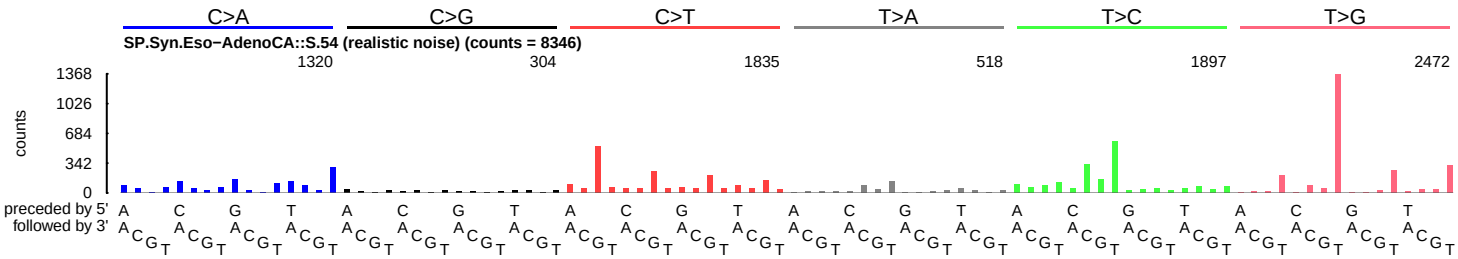

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Eso−AdenoCA::S.49 (realistic noise) (counts = 11039)
2786
1002
2974
878
2841
558
counts
1020
765
510
255
0
preceded by 5'
followed by 3'

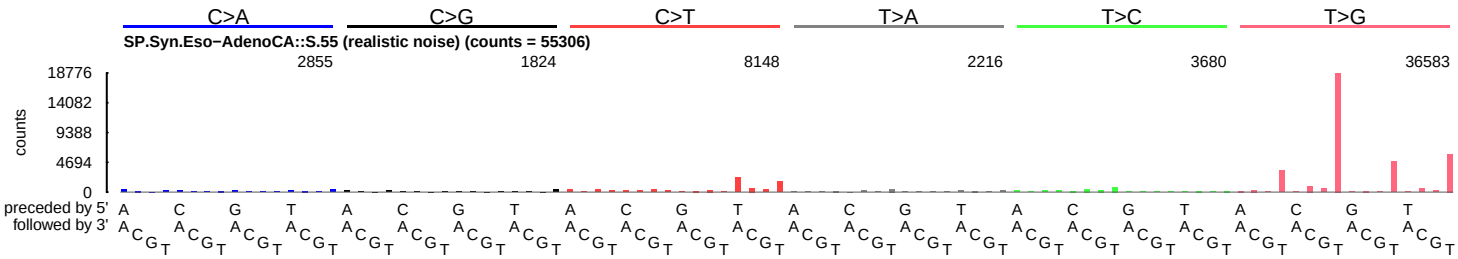

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Eso−AdenoCA::S.50 (realistic noise) (counts = 33711)
9823
3370
5890
2287
4241
8100
counts
3608
2706
1804
902
0
preceded by 5'
followed by 3'

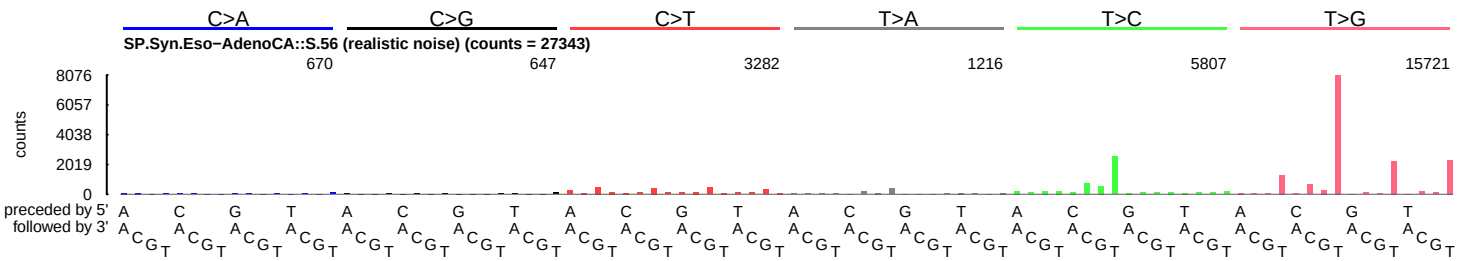

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Eso−AdenoCA::S.51 (realistic noise) (counts = 16609)
2181
2135
3614
1277
4173
3229
counts
1580
1185
790
395
0
preceded by 5'
followed by 3'

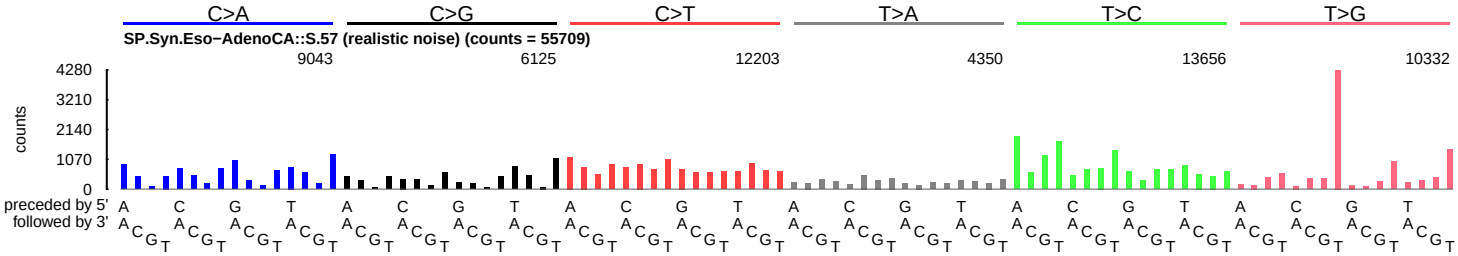

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Eso−AdenoCA::S.52 (realistic noise) (counts = 22636)
2084
1060
4221
2001
9422
3848
counts
3512
2634
1756
878
0
preceded by 5'
followed by 3'

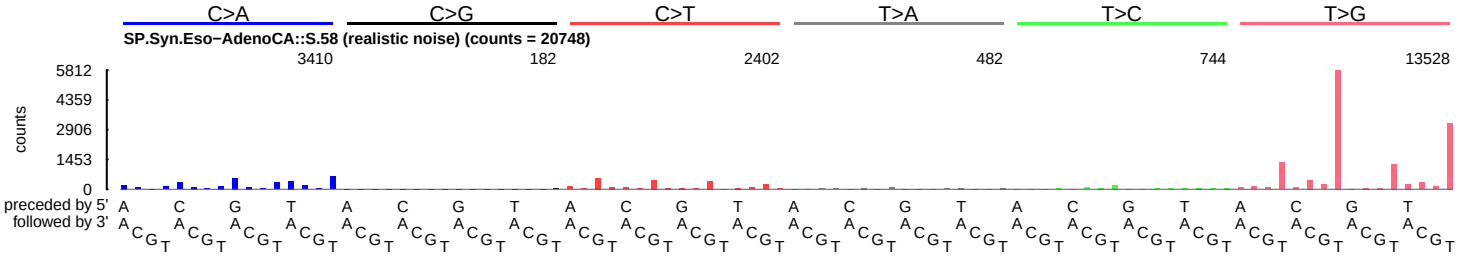

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Eso−AdenoCA::S.53 (realistic noise) (counts = 14345)
2086
2276
4893
1120
2409
1561
counts
1536
1152
768
384
0
preceded by 5'
followed by 3'

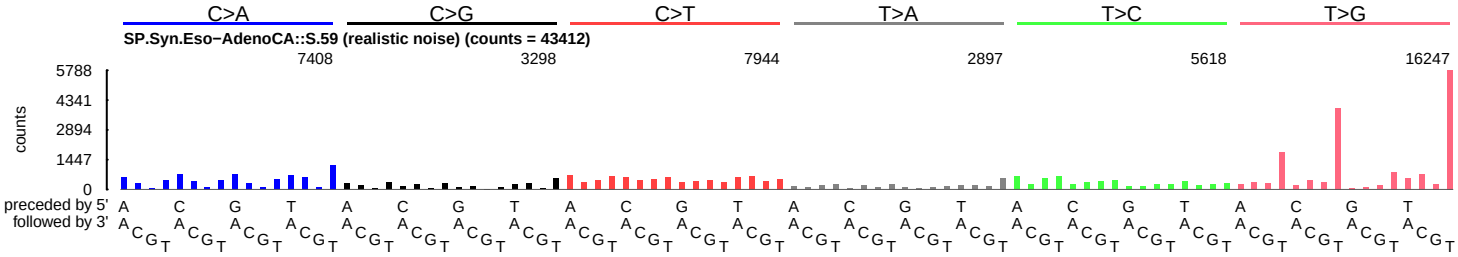

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Eso−AdenoCA::S.54 (realistic noise) (counts = 8346)
1320
304
1835
518
1897
2472
counts
1368
1026
684
342
0
preceded by 5'
followed by 3'

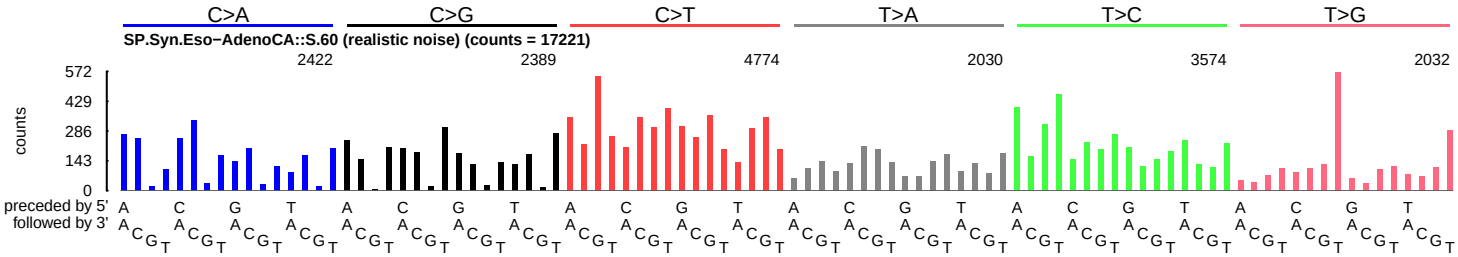

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Eso−AdenoCA::S.55 (realistic noise) (counts = 55306)
2855
1824
8148
2216
3680
36583
counts
18776
14082
9388
4694
0
preceded by 5'
followed by 3'

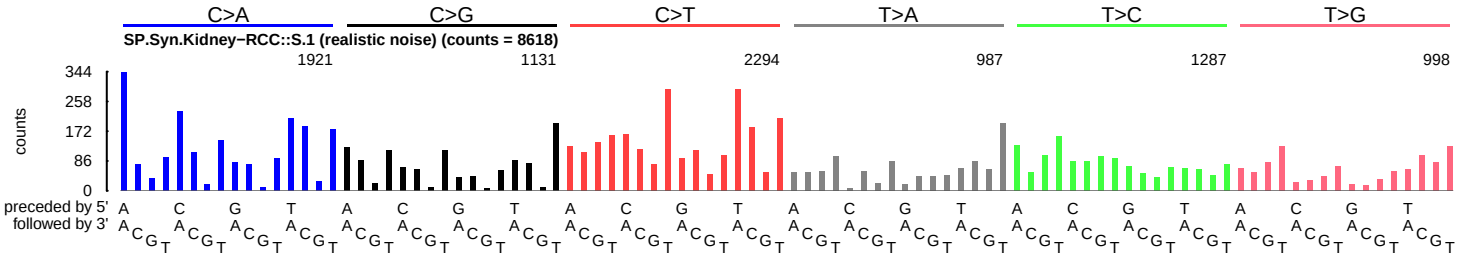

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Eso−AdenoCA::S.56 (realistic noise) (counts = 27343)
670
647
3282
1216
5807
15721
counts
8076
6057
4038
2019
0
preceded by 5'
followed by 3'

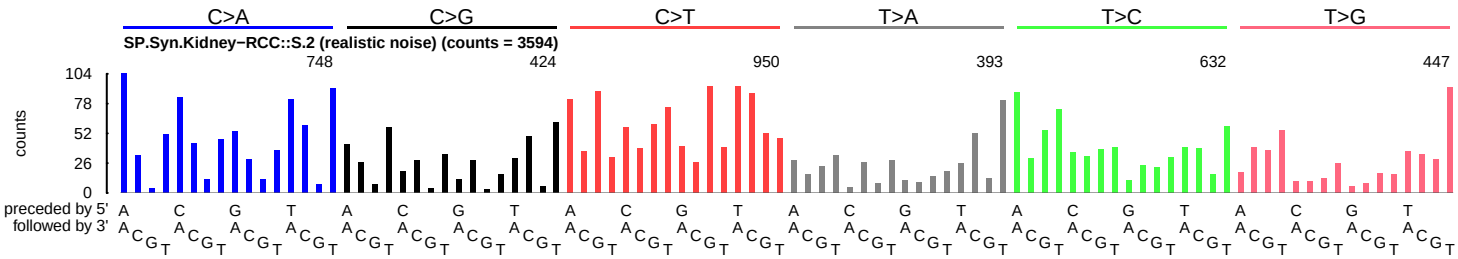

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Eso−AdenoCA::S.57 (realistic noise) (counts = 55709)
9043
6125
12203
4350
13656
10332
counts
4280
3210
2140
1070
0
preceded by 5'
followed by 3'

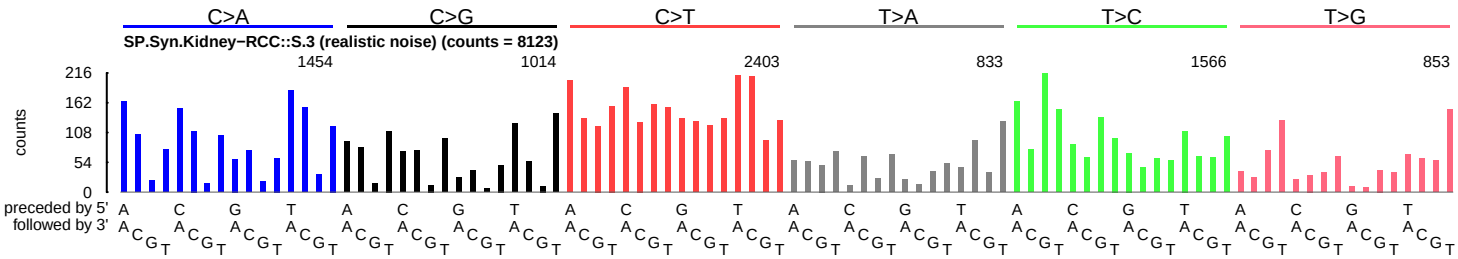

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Eso−AdenoCA::S.58 (realistic noise) (counts = 20748)
3410
182
2402
482
744
13528
counts
5812
4359
2906
1453
0
preceded by 5'
followed by 3'

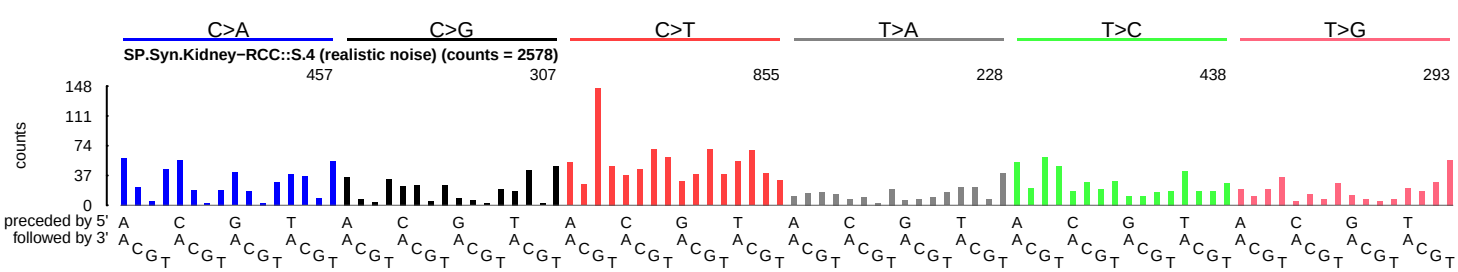

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Eso−AdenoCA::S.59 (realistic noise) (counts = 43412)
7408
3298
7944
2897
5618
16247
counts
5788
4341
2894
1447
0
preceded by 5'
followed by 3'

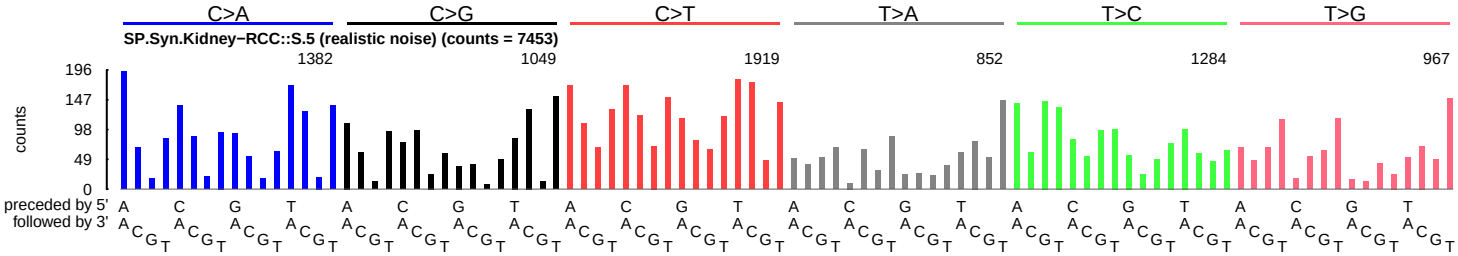

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Eso−AdenoCA::S.60 (realistic noise) (counts = 17221)
2422
2389
4774
2030
3574
2032
counts
572
429
286
143
0
preceded by 5'
followed by 3'

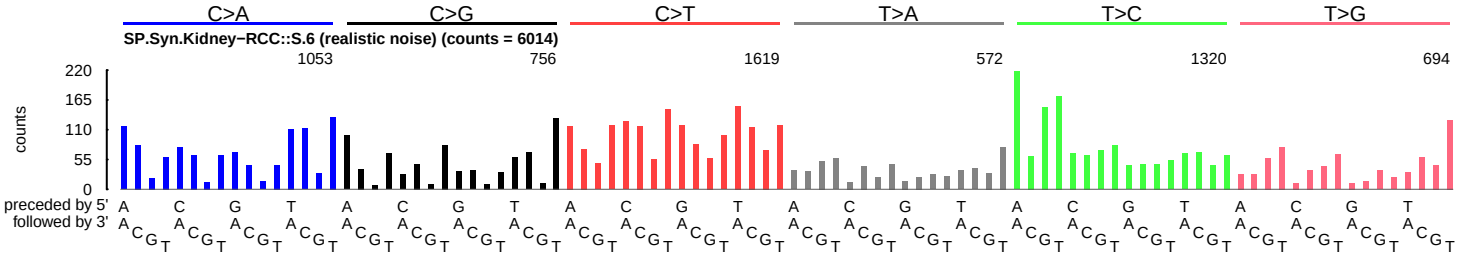

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Kidney−RCC::S.1 (realistic noise) (counts = 8618)
1921
1131
2294
987
1287
998
counts
344
258
172
86
0
preceded by 5'
followed by 3'

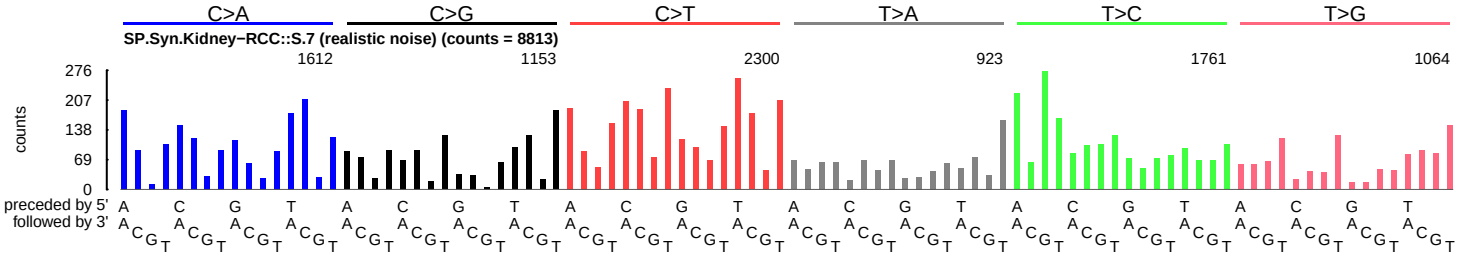

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Kidney−RCC::S.2 (realistic noise) (counts = 3594)
748
424
950
393
632
447
counts
104
78
52
26
0
preceded by 5'
followed by 3'

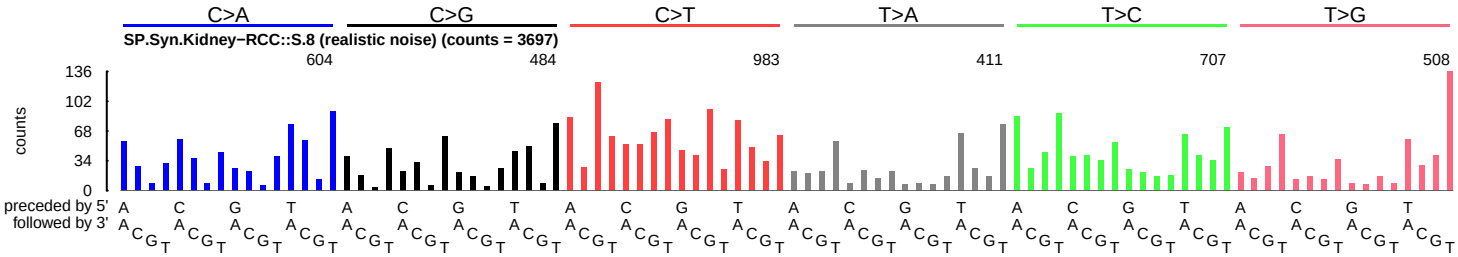

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Kidney−RCC::S.3 (realistic noise) (counts = 8123)
1454
1014
2403
833
1566
853
counts
216
162
108
54
0
preceded by 5'
followed by 3'

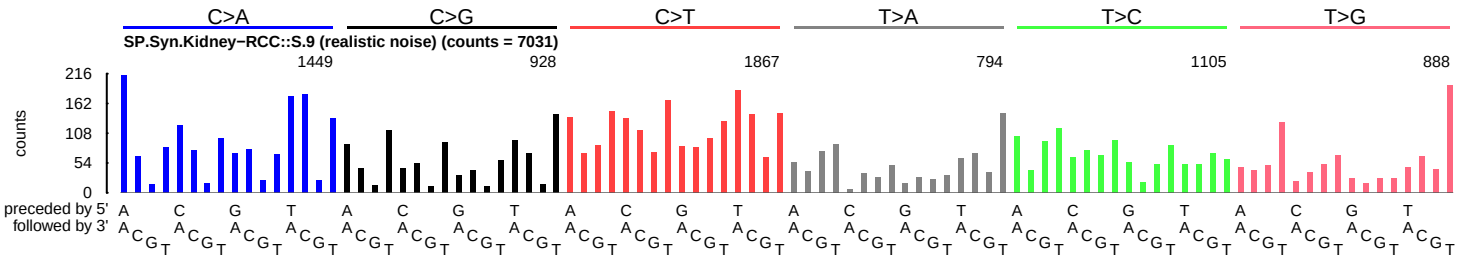

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Kidney−RCC::S.4 (realistic noise) (counts = 2578)
457
307
855
228
438
293
counts
148
111
74
37
0
preceded by 5'
followed by 3'

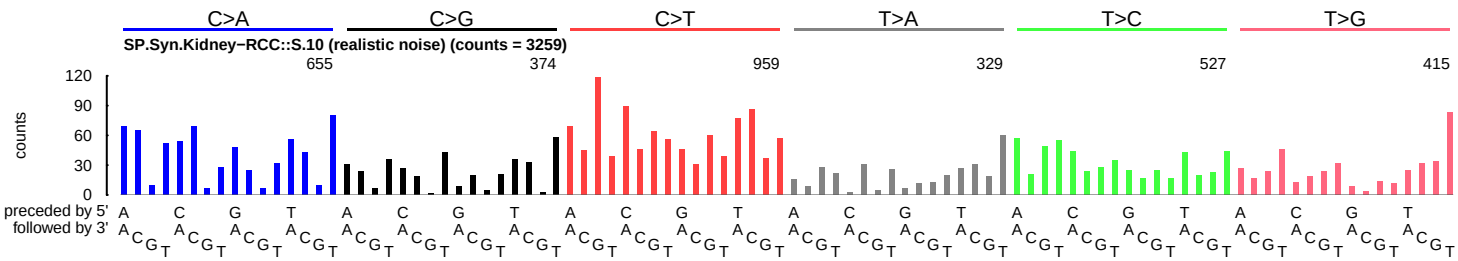

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Kidney−RCC::S.5 (realistic noise) (counts = 7453)
1382
1049
1919
852
1284
967
counts
196
147
98
49
0
preceded by 5'
followed by 3'

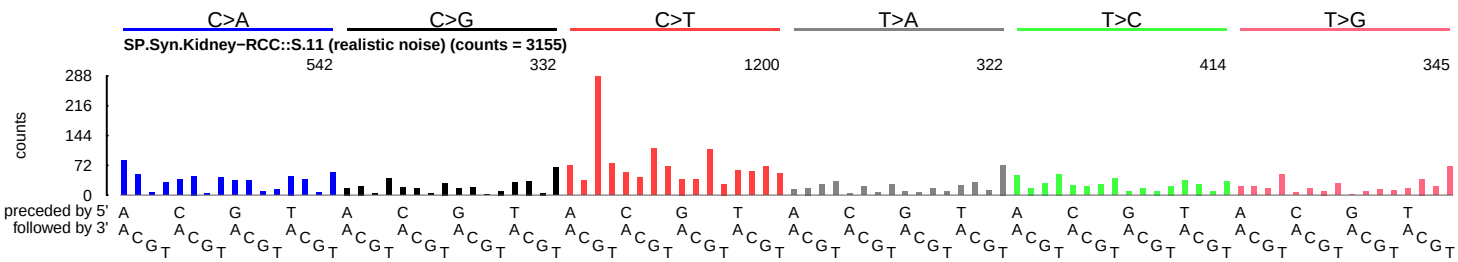

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Kidney−RCC::S.6 (realistic noise) (counts = 6014)
1053
756
1619
572
1320
694
counts
220
165
110
55
0
preceded by 5'
followed by 3'

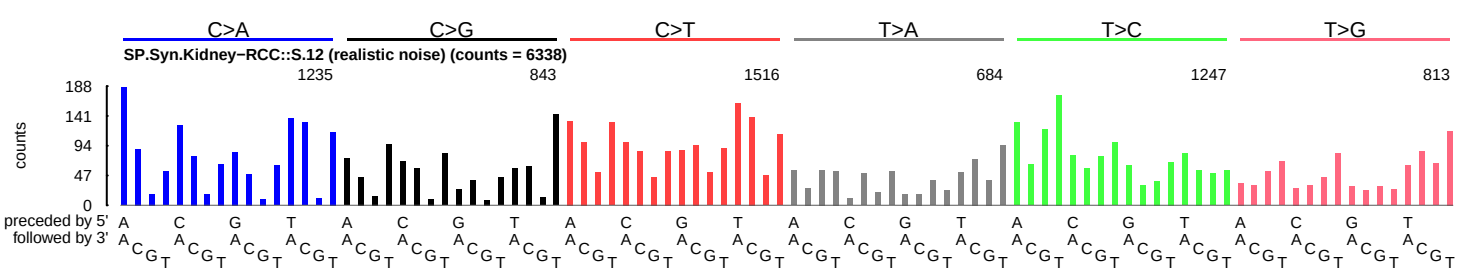

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Kidney−RCC::S.7 (realistic noise) (counts = 8813)
1612
1153
2300
923
1761
1064
counts
276
207
138
69
0
preceded by 5'
followed by 3'

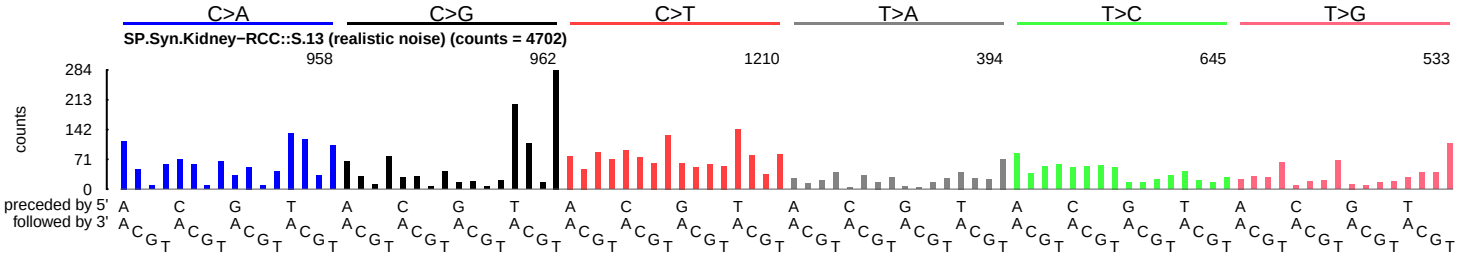

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Kidney−RCC::S.8 (realistic noise) (counts = 3697)
604
484
983
411
707
508
counts
136
102
68
34
0
preceded by 5'
followed by 3'

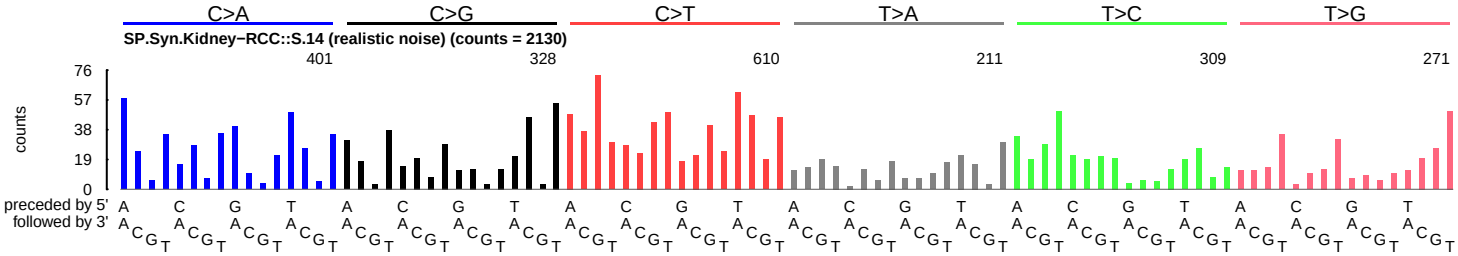

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Kidney−RCC::S.9 (realistic noise) (counts = 7031)
1449
928
1867
794
1105
888
counts
216
162
108
54
0
preceded by 5'
followed by 3'

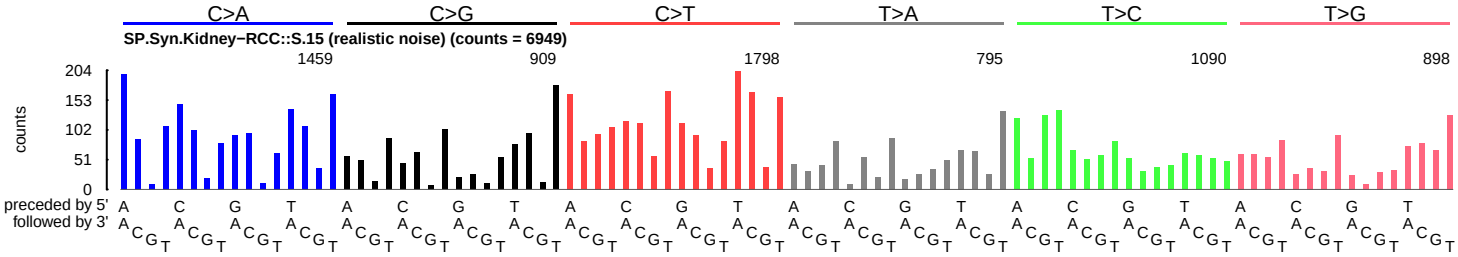

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Kidney−RCC::S.10 (realistic noise) (counts = 3259)
655
374
959
329
527
415
counts
120
90
60
30
0
preceded by 5'
followed by 3'

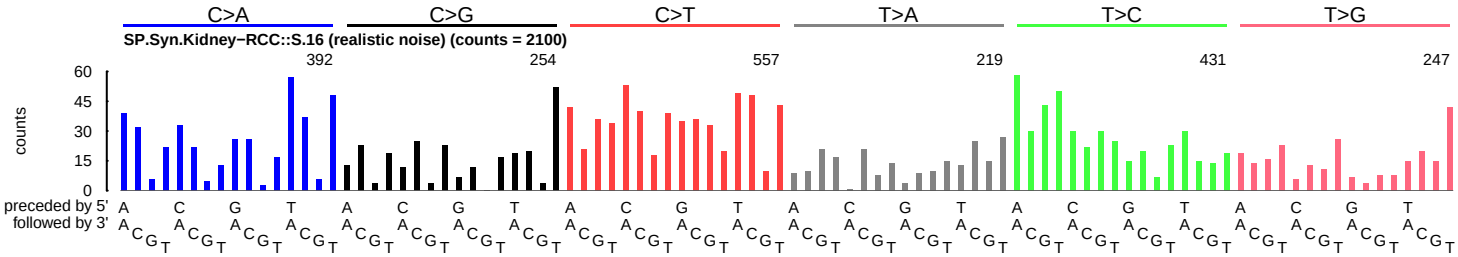

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Kidney−RCC::S.11 (realistic noise) (counts = 3155)
542
332
1200
322
414
345
counts
288
216
144
72
0
preceded by 5'
followed by 3'

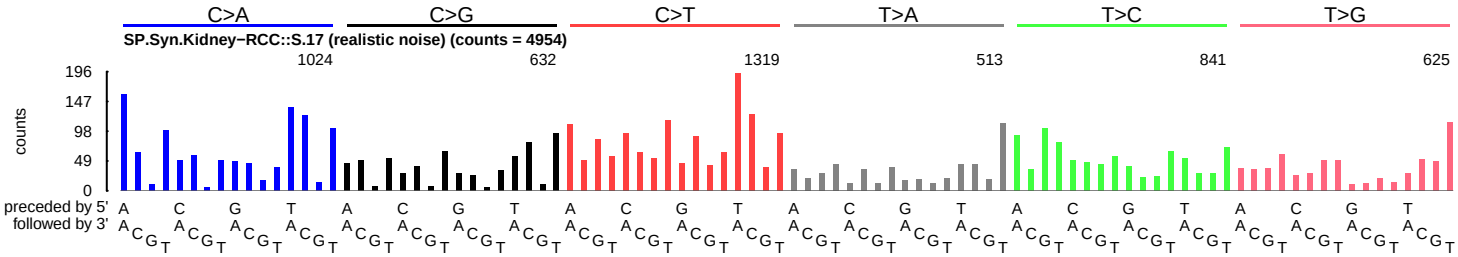

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Kidney−RCC::S.12 (realistic noise) (counts = 6338)
1235
843
1516
684
1247
813
counts
188
141
94
47
0
preceded by 5'
followed by 3'

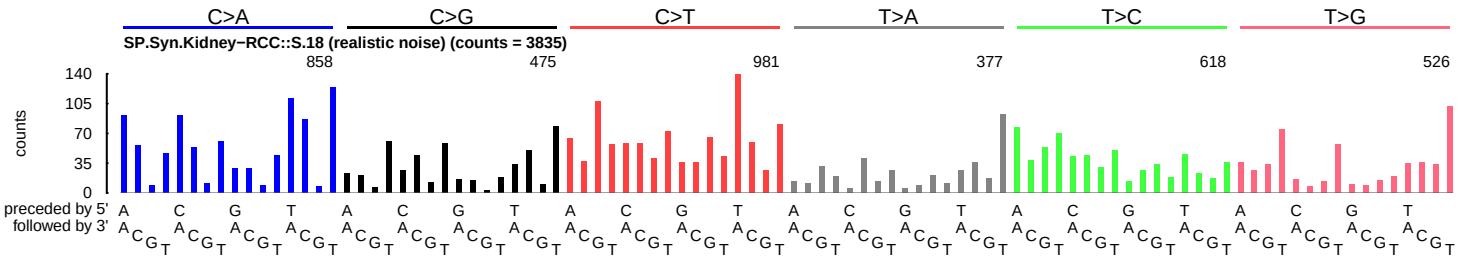

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Kidney−RCC::S.13 (realistic noise) (counts = 4702)
958
962
1210
394
645
533
counts
284
213
142
71
0
preceded by 5'
followed by 3'

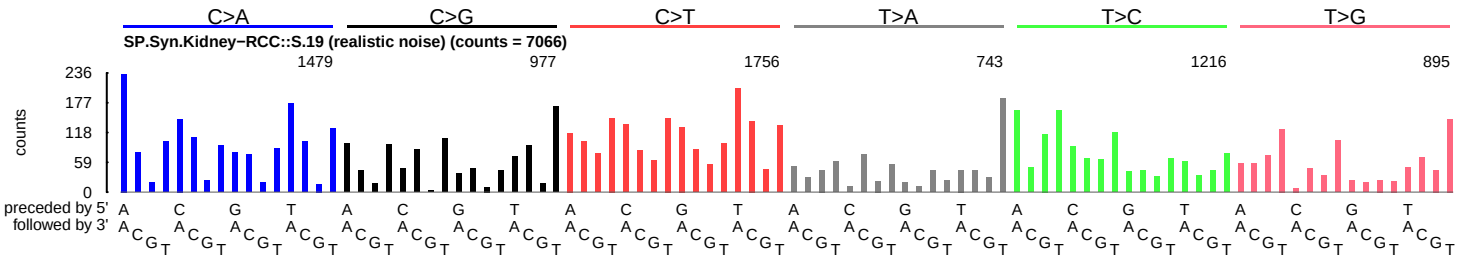

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Kidney−RCC::S.14 (realistic noise) (counts = 2130)
401
328
610
211
309
271
counts
76
57
38
19
0
preceded by 5'
followed by 3'

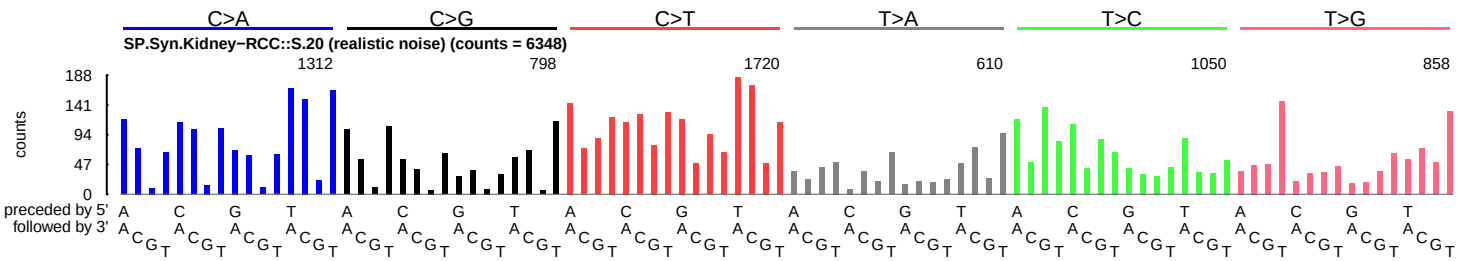

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Kidney−RCC::S.15 (realistic noise) (counts = 6949)
1459
909
1798
795
1090
898
counts
204
153
102
51
0
preceded by 5'
followed by 3'

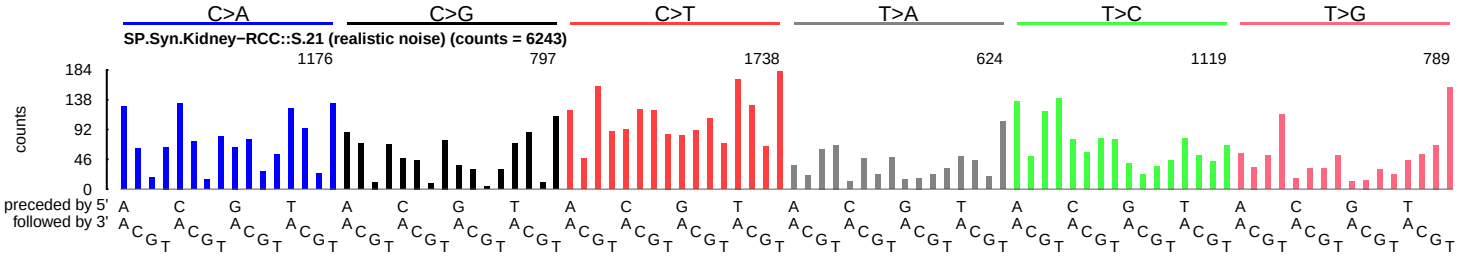

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Kidney−RCC::S.16 (realistic noise) (counts = 2100)
392
254
557
219
431
247
counts
60
45
30
15
0
preceded by 5'
followed by 3'

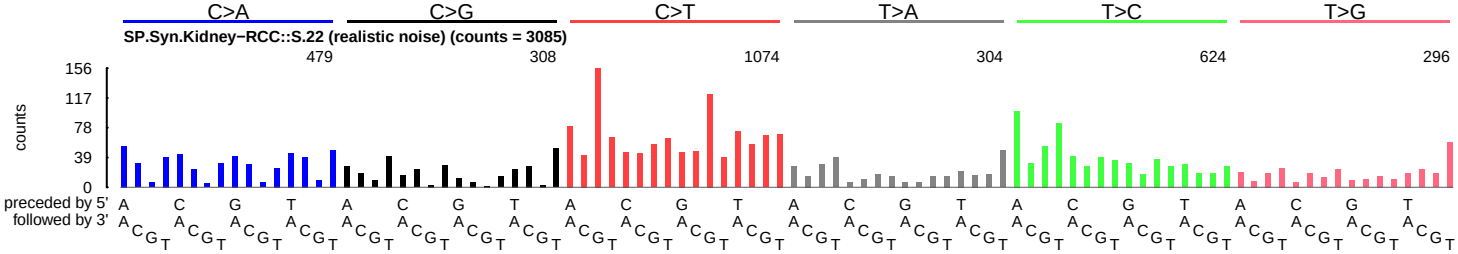

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Kidney−RCC::S.17 (realistic noise) (counts = 4954)
1024
632
1319
513
841
625
counts
196
147
98
49
0
preceded by 5'
followed by 3'

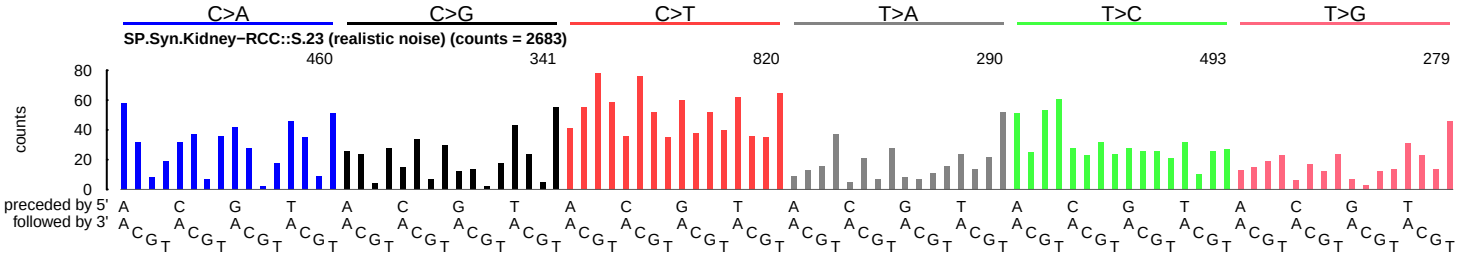

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Kidney−RCC::S.18 (realistic noise) (counts = 3835)
858
475
981
377
618
526
counts
140
105
70
35
0
preceded by 5'
followed by 3'

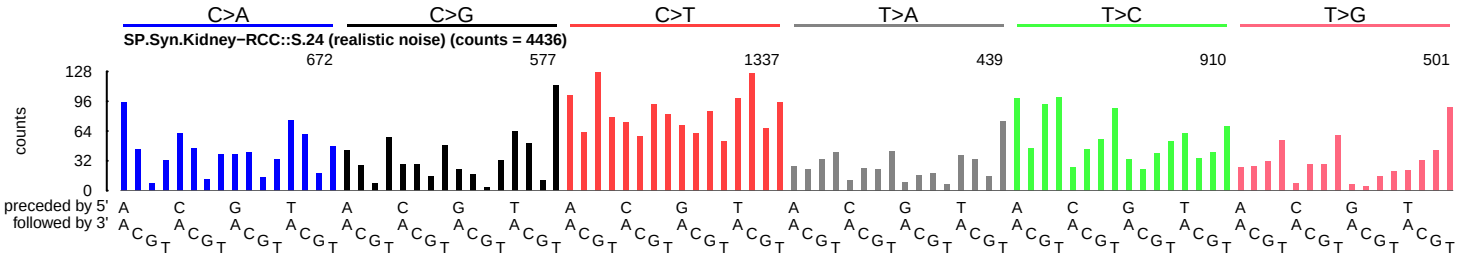

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Kidney−RCC::S.19 (realistic noise) (counts = 7066)
1479
977
1756
743
1216
895
counts
236
177
118
59
0
preceded by 5'
followed by 3'

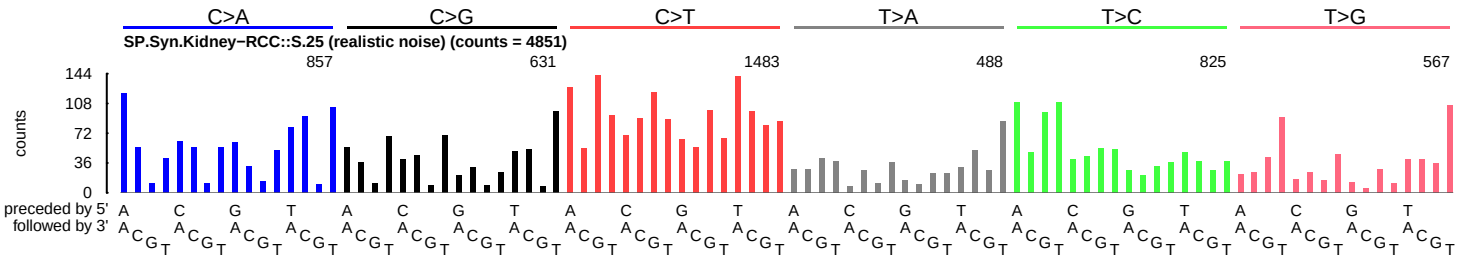

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Kidney−RCC::S.20 (realistic noise) (counts = 6348)
1312
798
1720
610
1050
858
counts
188
141
94
47
0
preceded by 5'
followed by 3'

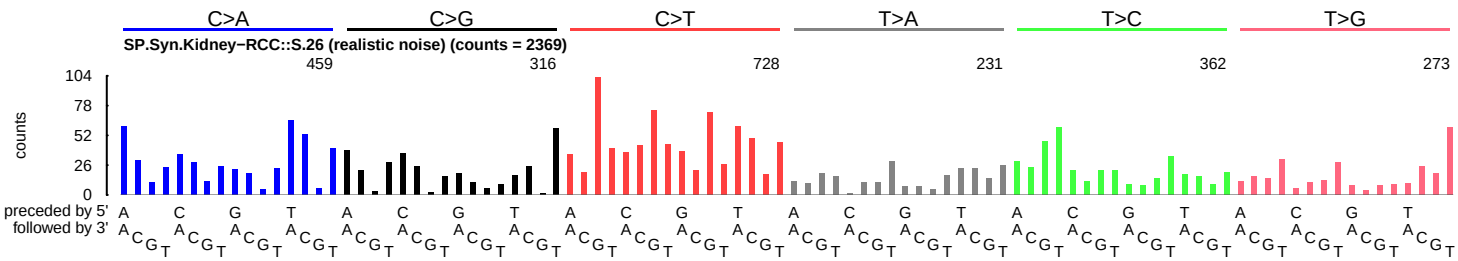

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Kidney−RCC::S.21 (realistic noise) (counts = 6243)
1176
797
1738
624
1119
789
counts
184
138
92
46
0
preceded by 5'
followed by 3'

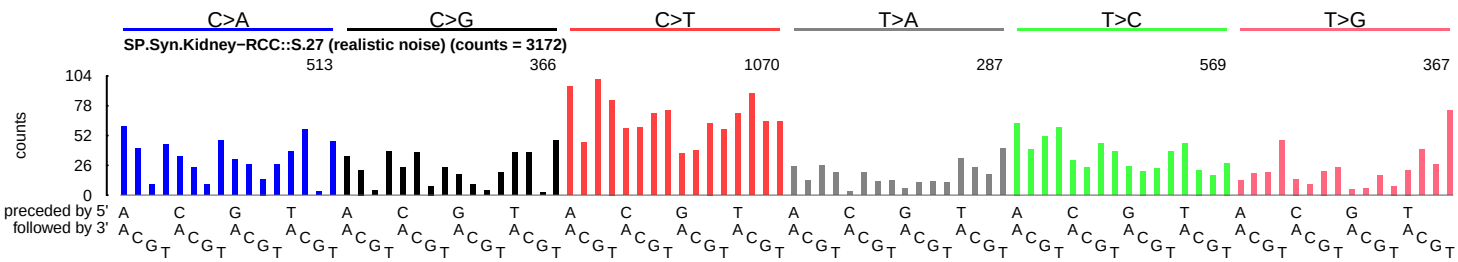

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Kidney−RCC::S.22 (realistic noise) (counts = 3085)
479
308
1074
304
624
296
counts
156
117
78
39
0
preceded by 5'
followed by 3'

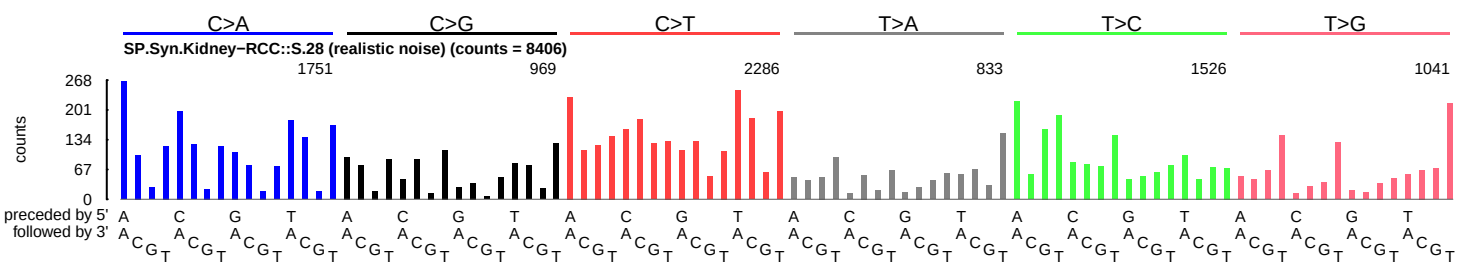

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Kidney−RCC::S.23 (realistic noise) (counts = 2683)
460
341
820
290
493
279
counts
80
60
40
20
0
preceded by 5'
followed by 3'

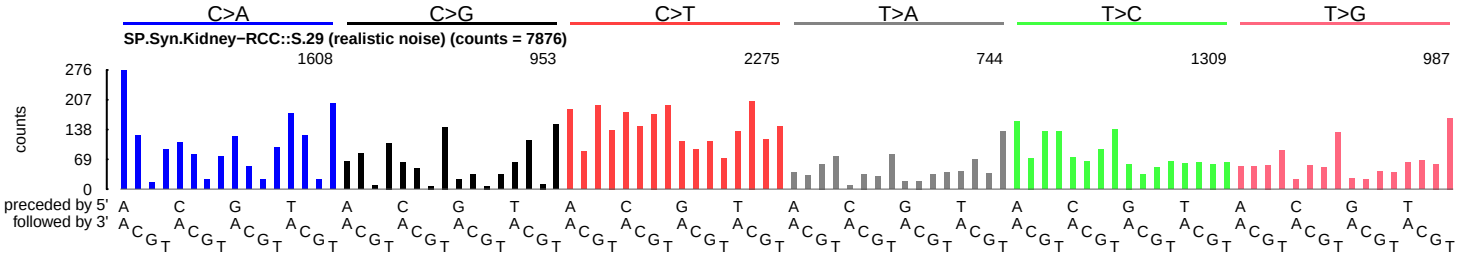

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Kidney−RCC::S.24 (realistic noise) (counts = 4436)
672
577
1337
439
910
501
counts
128
96
64
32
0
preceded by 5'
followed by 3'

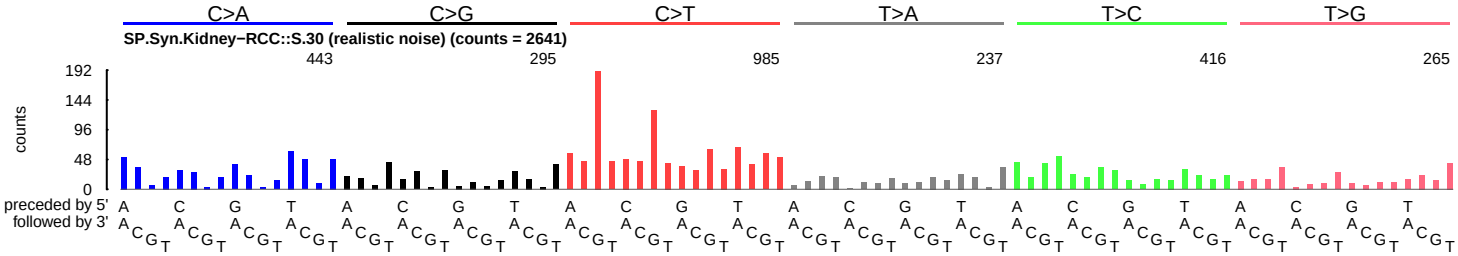

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Kidney−RCC::S.25 (realistic noise) (counts = 4851)
857
631
1483
488
825
567
counts
144
108
72
36
0
preceded by 5'
followed by 3'

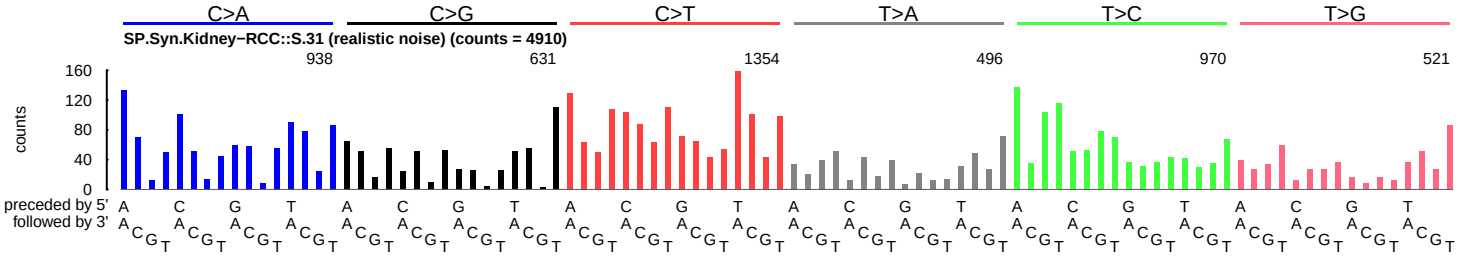

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Kidney−RCC::S.26 (realistic noise) (counts = 2369)
459
316
728
231
362
273
counts
104
78
52
26
0
preceded by 5'
followed by 3'

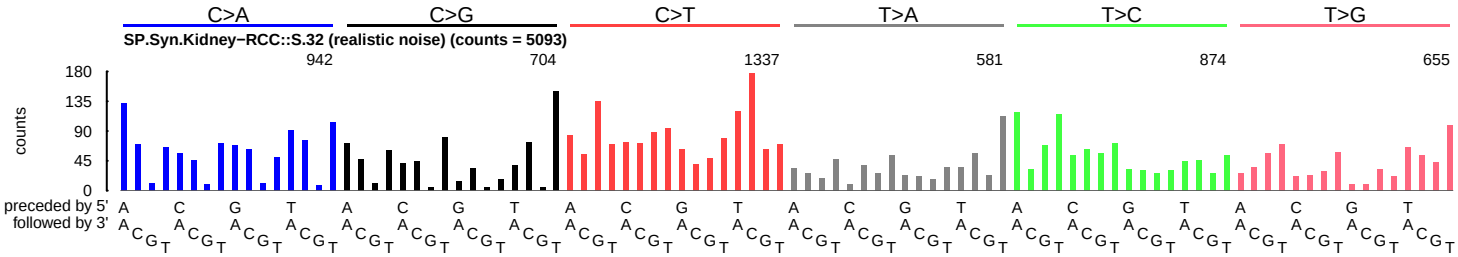

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Kidney−RCC::S.27 (realistic noise) (counts = 3172)
513
366
1070
287
569
367
counts
104
78
52
26
0
preceded by 5'
followed by 3'

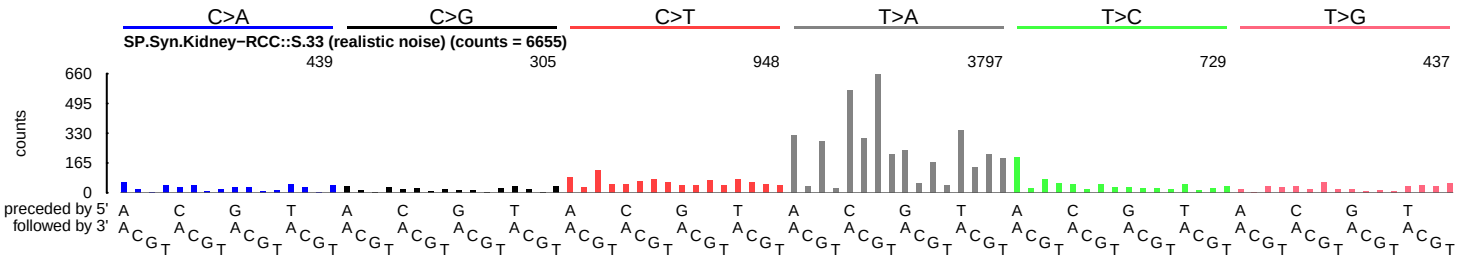

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Kidney−RCC::S.28 (realistic noise) (counts = 8406)
1751
969
2286
833
1526
1041
counts
268
201
134
67
0
preceded by 5'
followed by 3'

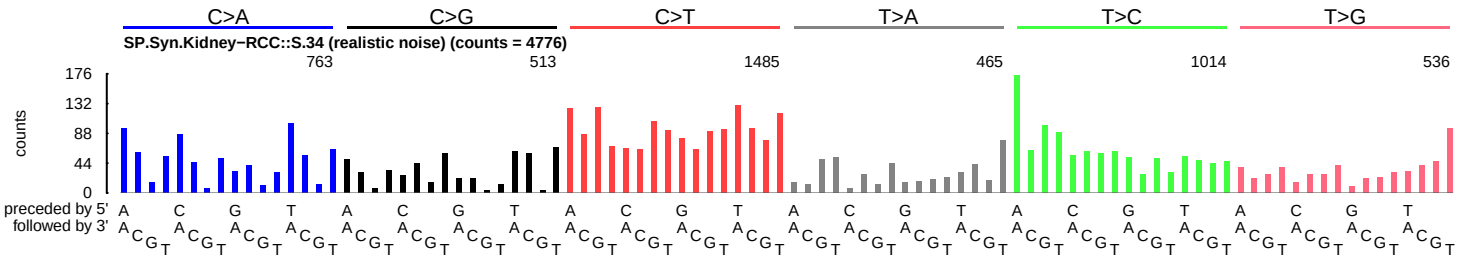

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Kidney−RCC::S.29 (realistic noise) (counts = 7876)
1608
953
2275
744
1309
987
counts
276
207
138
69
0
preceded by 5'
followed by 3'

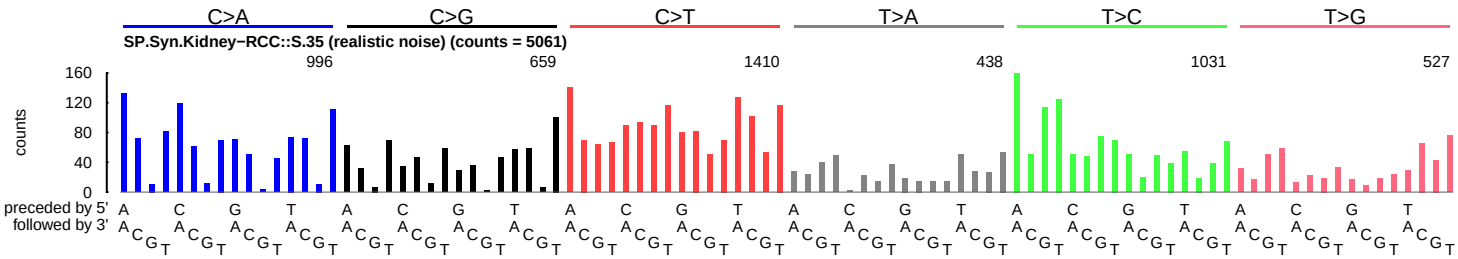

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Kidney−RCC::S.30 (realistic noise) (counts = 2641)
443
295
985
237
416
265
counts
192
144
96
48
0
preceded by 5'
followed by 3'

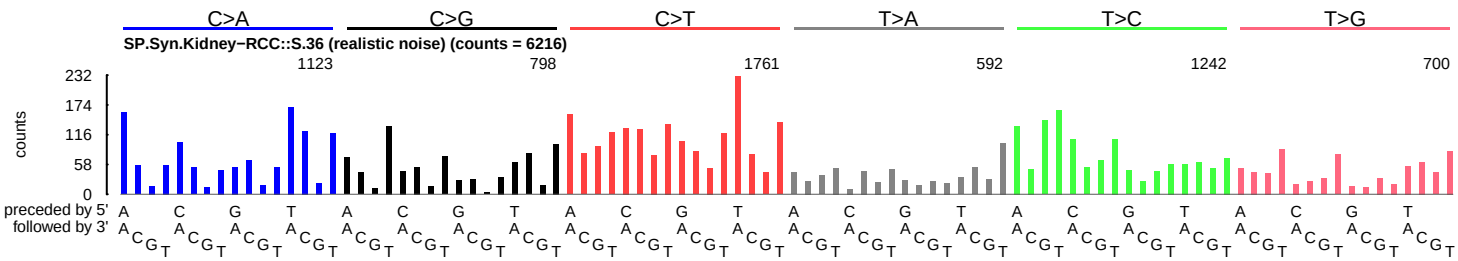

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Kidney−RCC::S.31 (realistic noise) (counts = 4910)
938
631
1354
496
970
521
counts
160
120
80
40
0
preceded by 5'
followed by 3'

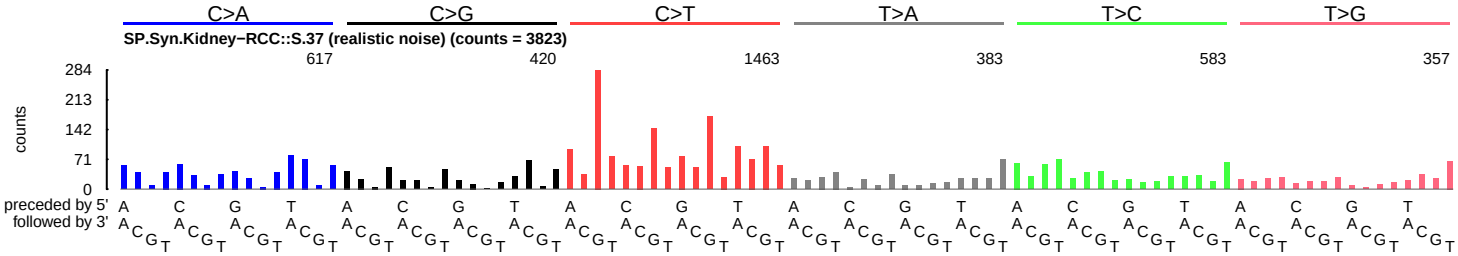

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Kidney−RCC::S.32 (realistic noise) (counts = 5093)
942
704
1337
581
874
655
counts
180
135
90
45
0
preceded by 5'
followed by 3'

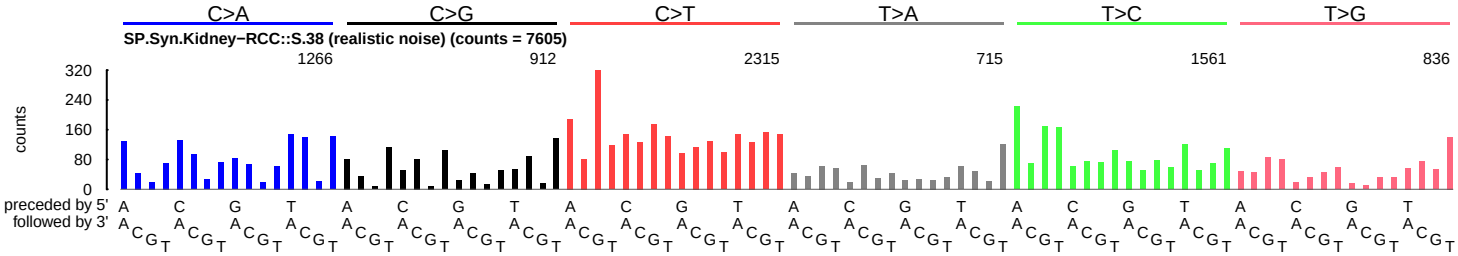

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Kidney−RCC::S.33 (realistic noise) (counts = 6655)
439
305
948
3797
729
437
counts
660
495
330
165
0
preceded by 5'
followed by 3'

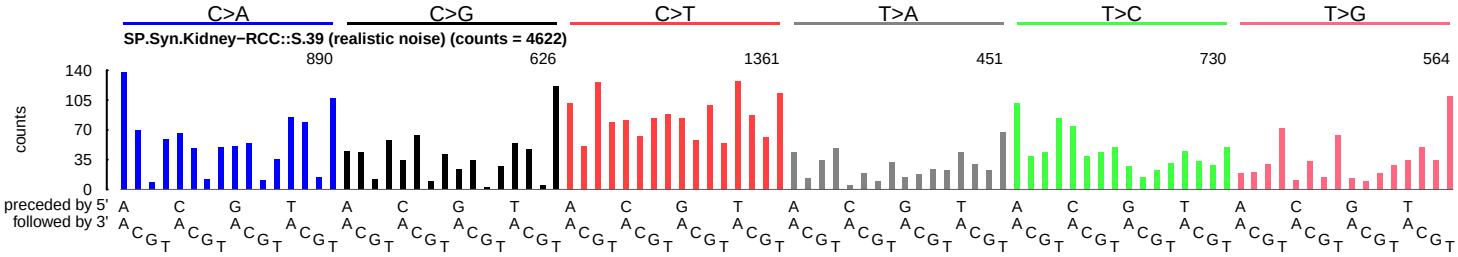

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Kidney−RCC::S.34 (realistic noise) (counts = 4776)
763
513
1485
465
1014
536
counts
176
132
88
44
0
preceded by 5'
followed by 3'

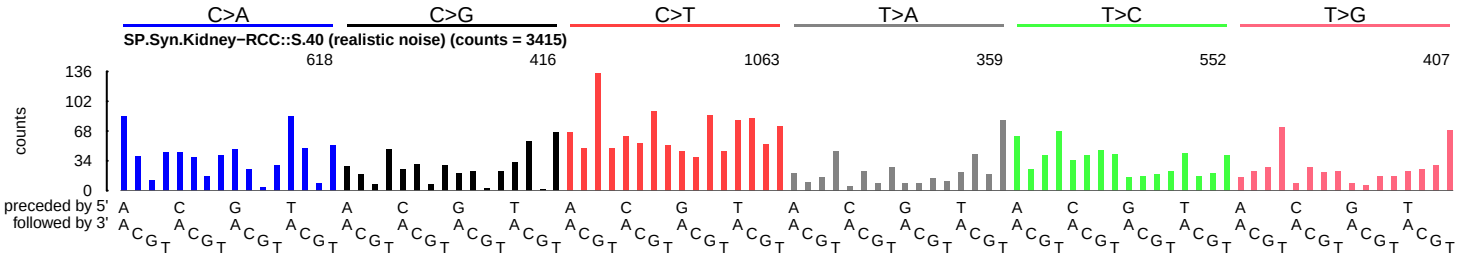

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Kidney−RCC::S.35 (realistic noise) (counts = 5061)
996
659
1410
438
1031
527
counts
160
120
80
40
0
preceded by 5'
followed by 3'

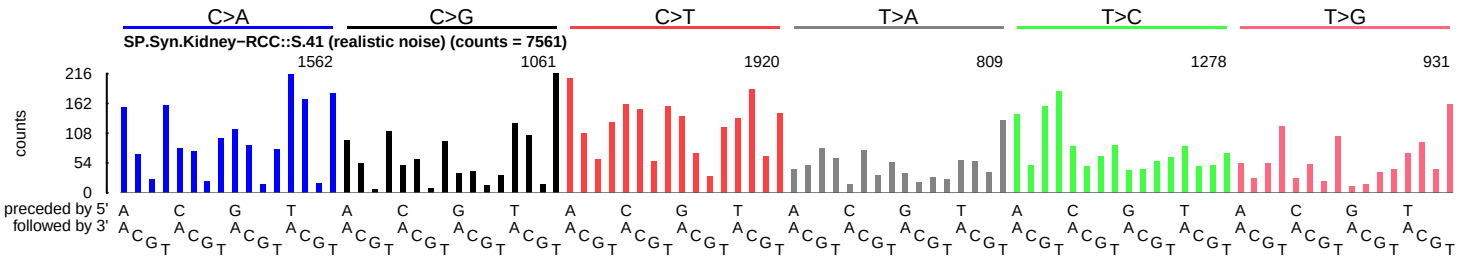

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Kidney−RCC::S.36 (realistic noise) (counts = 6216)
1123
798
1761
592
1242
700
counts
232
174
116
58
0
preceded by 5'
followed by 3'

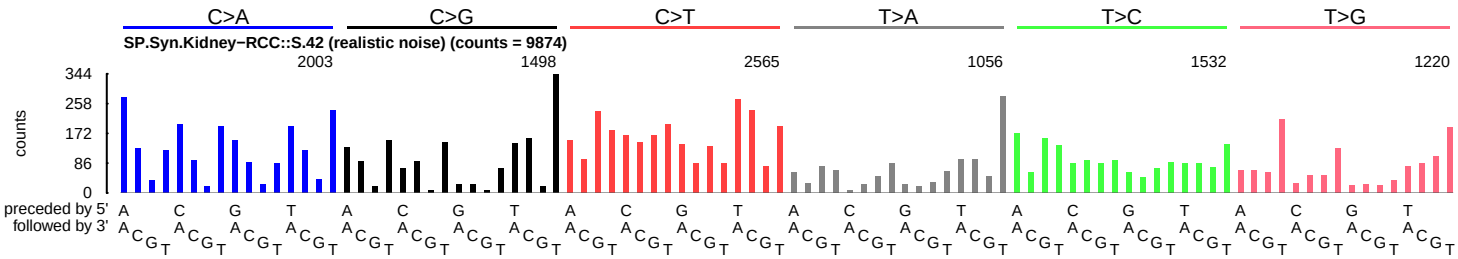

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Kidney−RCC::S.37 (realistic noise) (counts = 3823)
617
420
1463
383
583
357
counts
284
213
142
71
0
preceded by 5'
followed by 3'

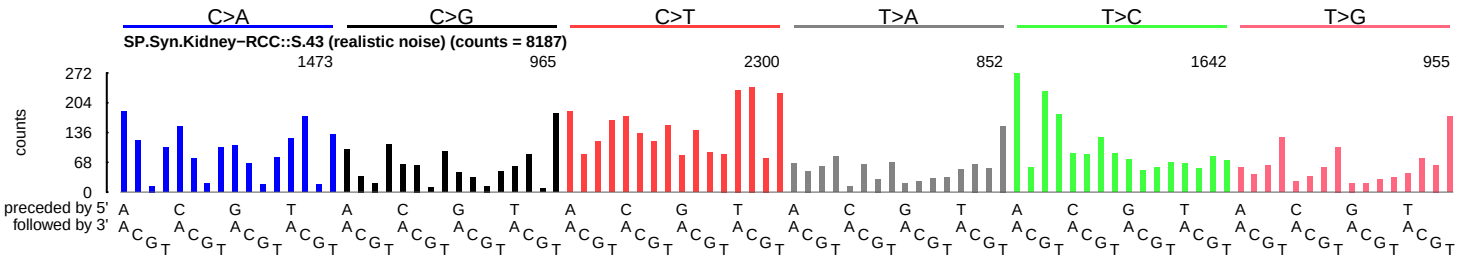

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Kidney−RCC::S.38 (realistic noise) (counts = 7605)
1266
912
2315
715
1561
836
counts
320
240
160
80
0
preceded by 5'
followed by 3'

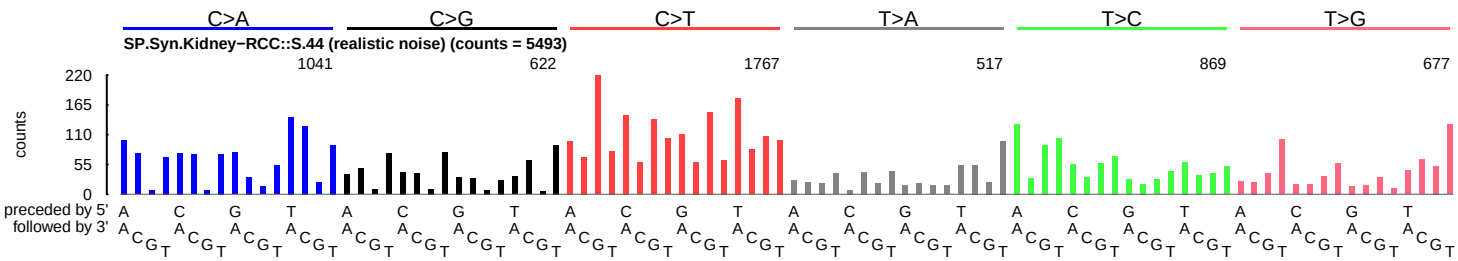

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Kidney−RCC::S.39 (realistic noise) (counts = 4622)
890
626
1361
451
730
564
counts
140
105
70
35
0
preceded by 5'
followed by 3'

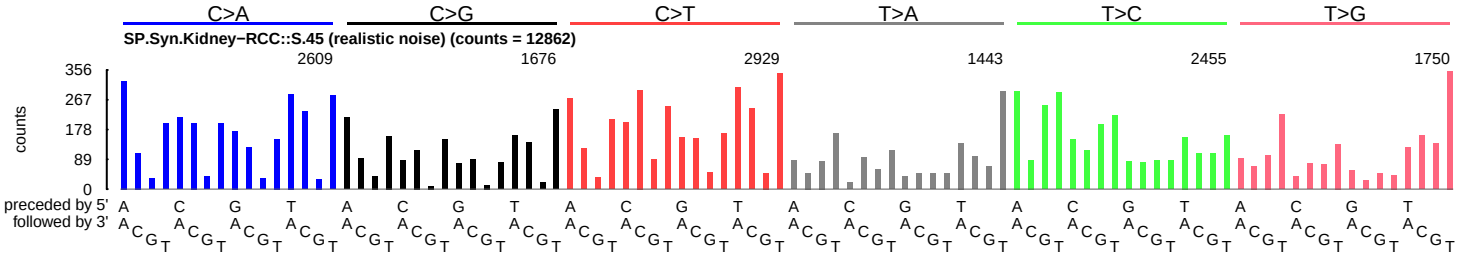

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Kidney−RCC::S.40 (realistic noise) (counts = 3415)
618
416
1063
359
552
407
counts
136
102
68
34
0
preceded by 5'
followed by 3'

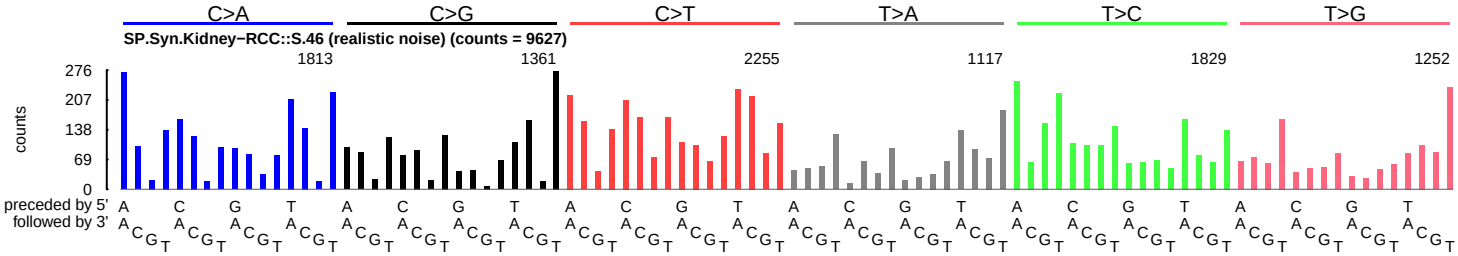

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Kidney−RCC::S.41 (realistic noise) (counts = 7561)
1562
1061
1920
809
1278
931
counts
216
162
108
54
0
preceded by 5'
followed by 3'

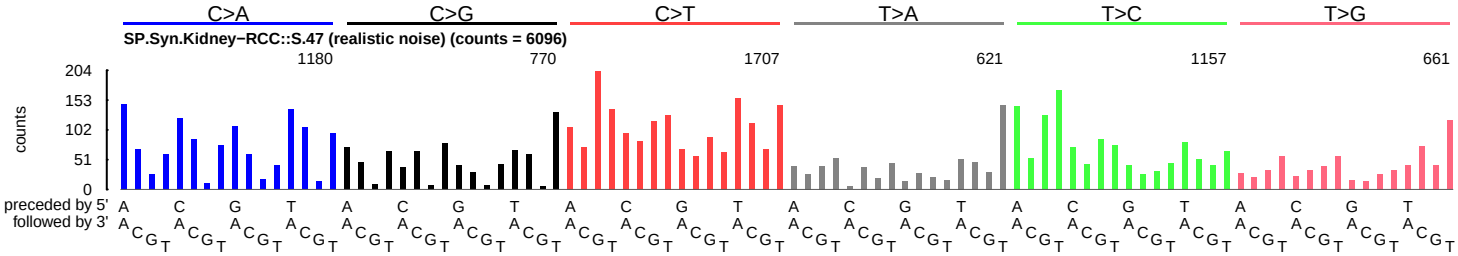

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Kidney−RCC::S.42 (realistic noise) (counts = 9874)
2003
1498
2565
1056
1532
1220
counts
344
258
172
86
0
preceded by 5'
followed by 3'

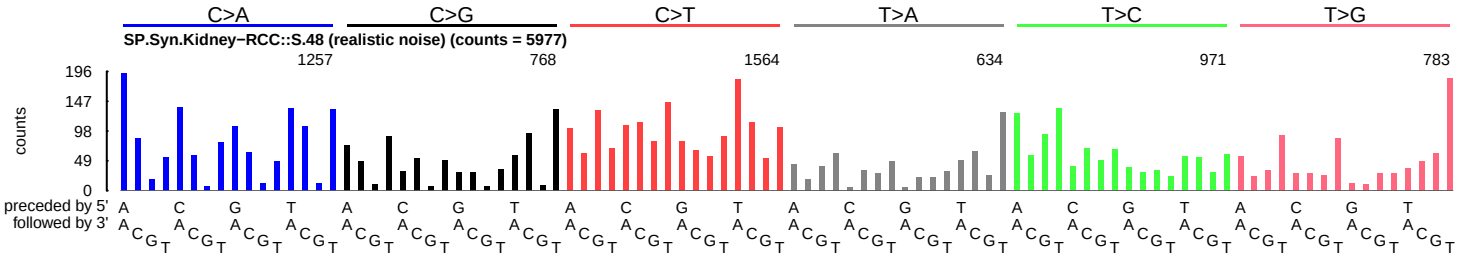

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Kidney−RCC::S.43 (realistic noise) (counts = 8187)
1473
965
2300
852
1642
955
counts
272
204
136
68
0
preceded by 5'
followed by 3'

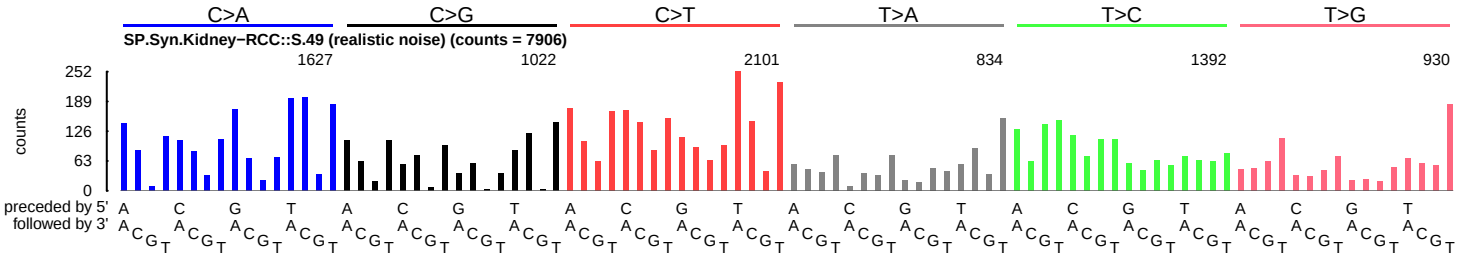

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Kidney−RCC::S.44 (realistic noise) (counts = 5493)
1041
622
1767
517
869
677
counts
220
165
110
55
0
preceded by 5'
followed by 3'

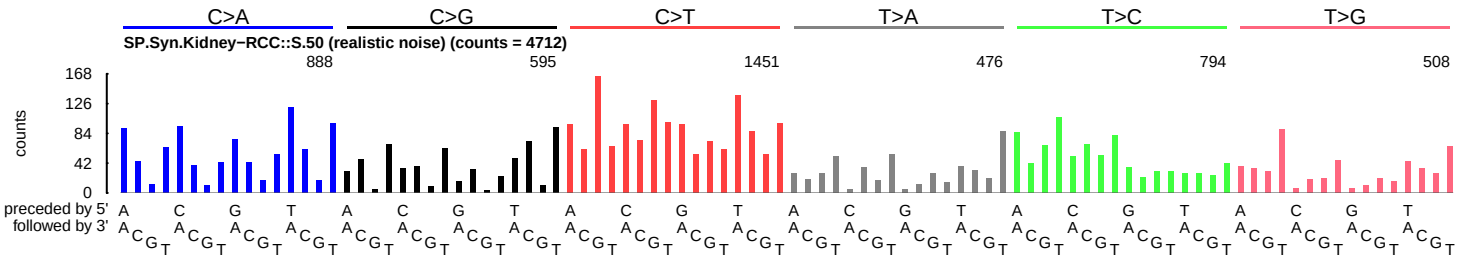

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Kidney−RCC::S.45 (realistic noise) (counts = 12862)
2609
1676
2929
1443
2455
1750
356
267
178
89
0
counts
preceded by 5'
followed by 3'

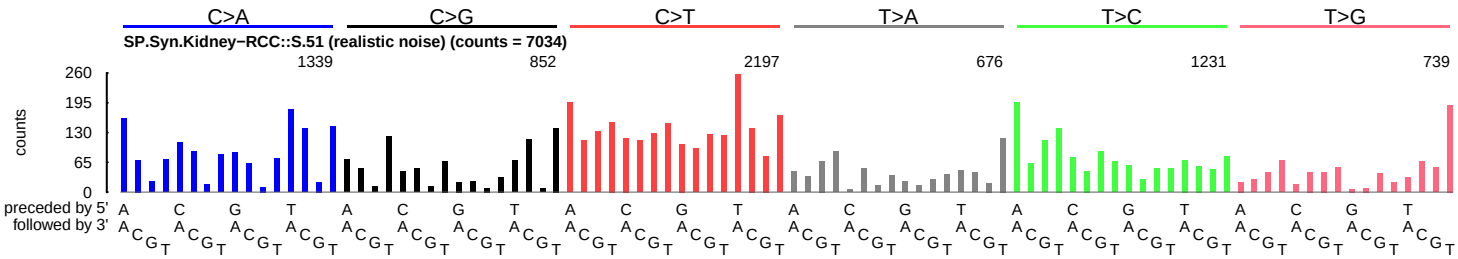

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Kidney−RCC::S.46 (realistic noise) (counts = 9627)
1813
1361
2255
1117
1829
1252
276
207
138
69
0
counts
preceded by 5'
followed by 3'

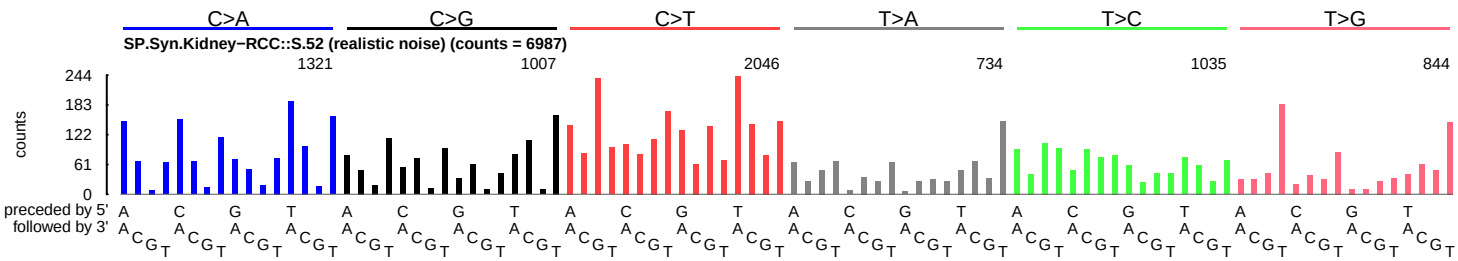

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Kidney−RCC::S.47 (realistic noise) (counts = 6096)
1180
770
1707
621
1157
661
204
153
102
51
0
counts
preceded by 5'
followed by 3'

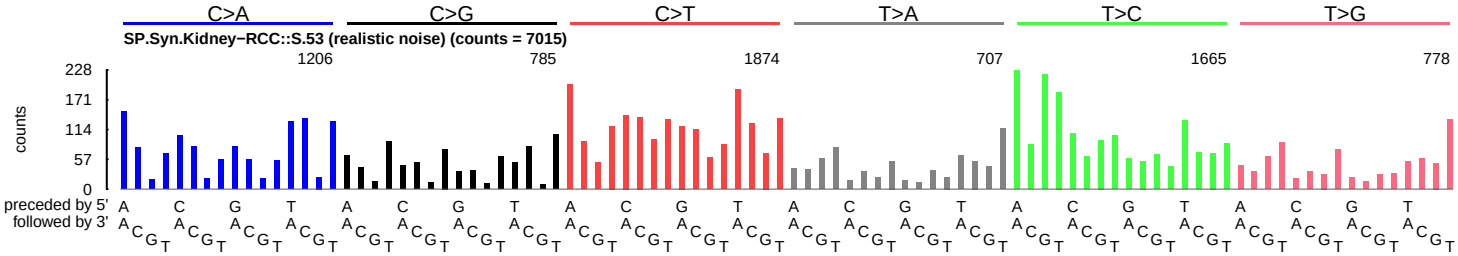

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Kidney−RCC::S.48 (realistic noise) (counts = 5977)
1257
768
1564
634
971
783
196
147
98
49
0
counts
preceded by 5'
followed by 3'

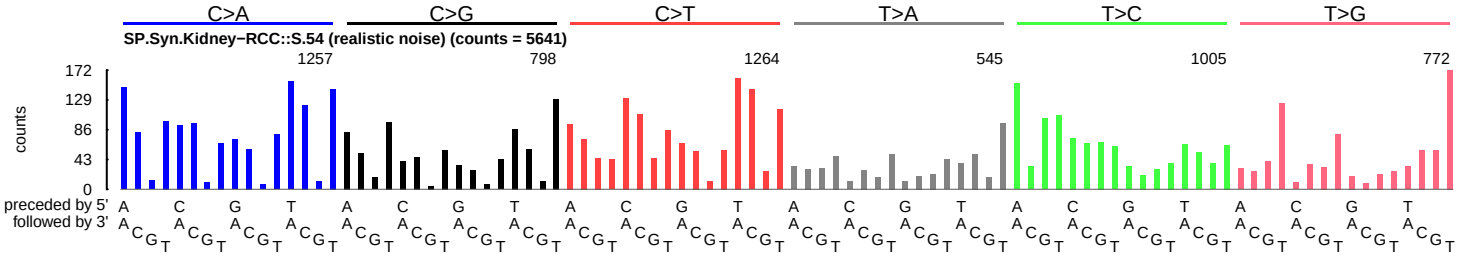

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Kidney−RCC::S.49 (realistic noise) (counts = 7906)
1627
1022
2101
834
1392
930
252
189
126
63
0
counts
preceded by 5'
followed by 3'

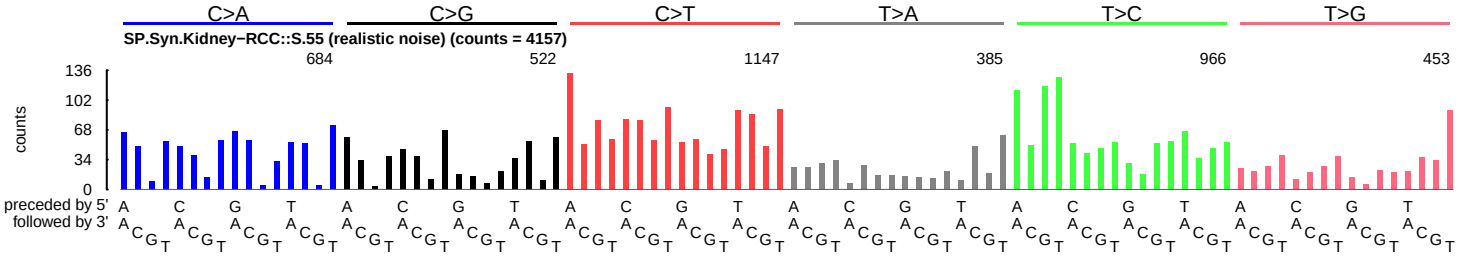

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Kidney−RCC::S.50 (realistic noise) (counts = 4712)
888
595
1451
476
794
508
168
126
84
42
0
counts
preceded by 5'
followed by 3'

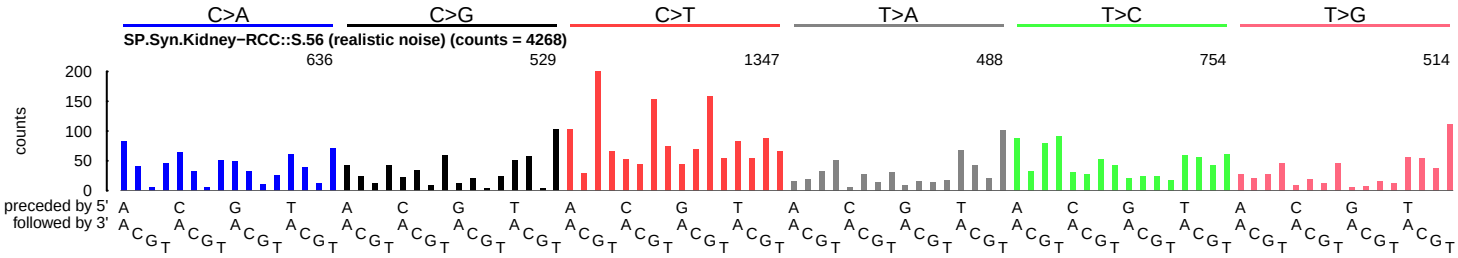

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Kidney−RCC::S.51 (realistic noise) (counts = 7034)
1339
852
2197
676
1231
739
260
195
130
65
0
counts
preceded by 5'
followed by 3'

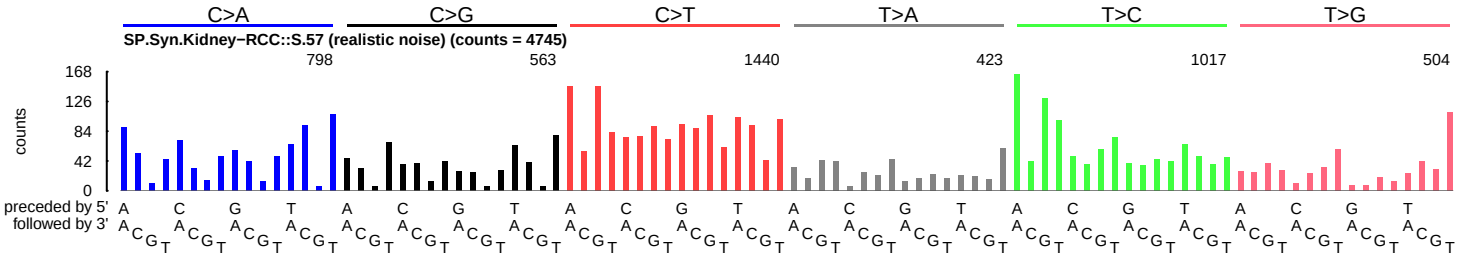

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Kidney−RCC::S.52 (realistic noise) (counts = 6987)
1321
1007
2046
734
1035
844
244
183
122
61
0
counts
preceded by 5'
followed by 3'

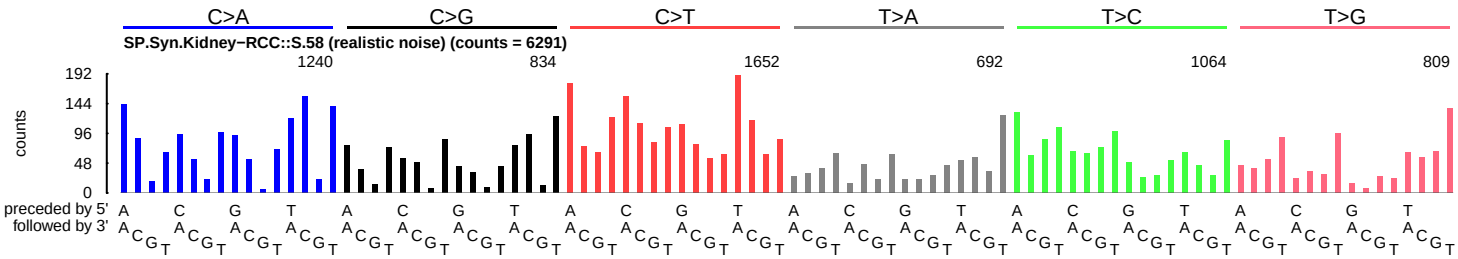

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Kidney−RCC::S.53 (realistic noise) (counts = 7015)
1206
785
1874
707
1665
778
counts
228
171
114
57
0
preceded by 5'
followed by 3'

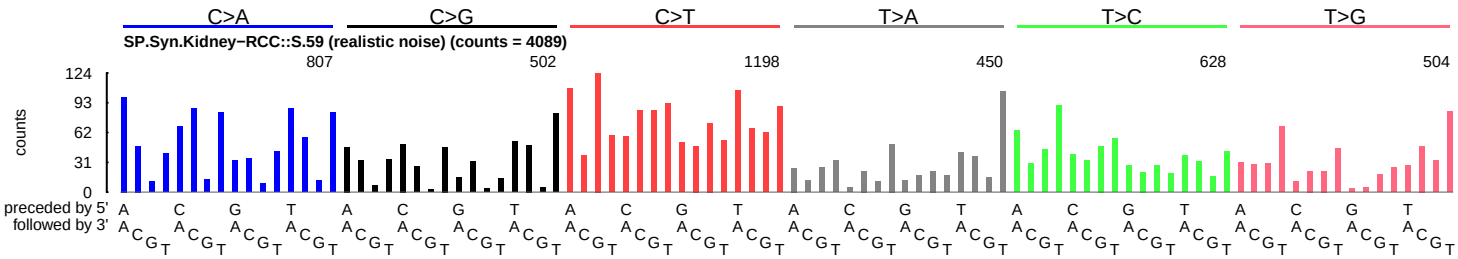

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Kidney−RCC::S.54 (realistic noise) (counts = 5641)
1257
798
1264
545
1005
772
counts
172
129
86
43
0
preceded by 5'
followed by 3'

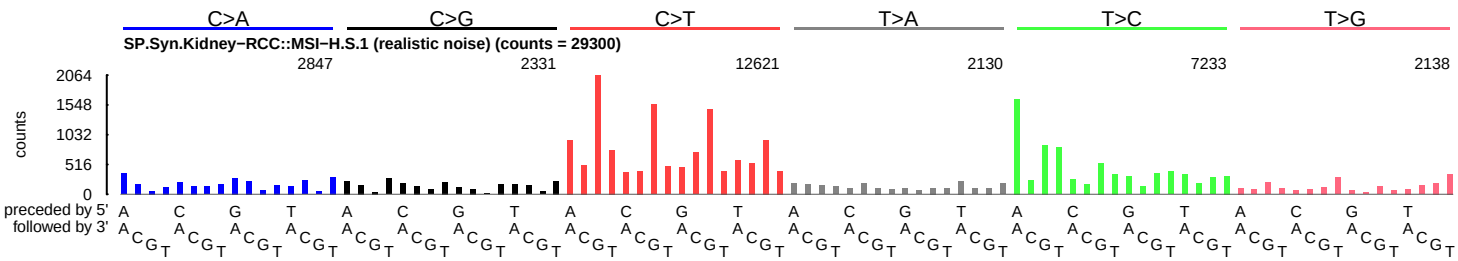

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Kidney−RCC::S.55 (realistic noise) (counts = 4157)
684
522
1147
385
966
453
counts
136
102
68
34
0
preceded by 5'
followed by 3'

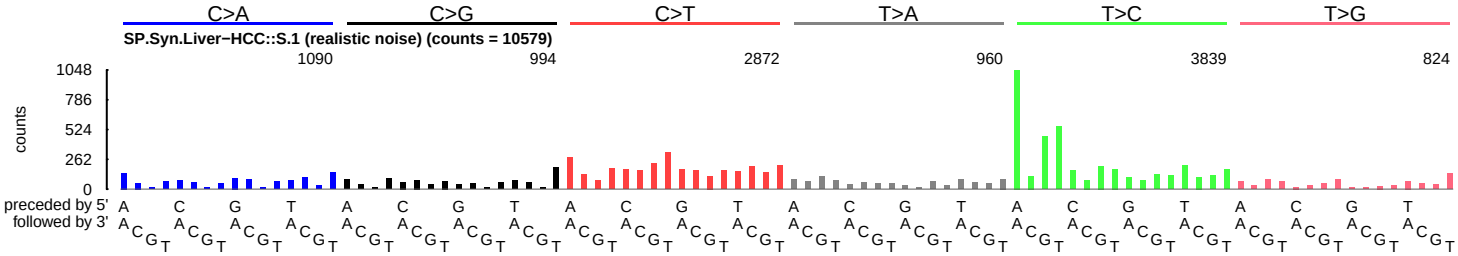

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Kidney−RCC::S.56 (realistic noise) (counts = 4268)
636
529
1347
488
754
514
counts
200
150
100
50
0
preceded by 5'
followed by 3'

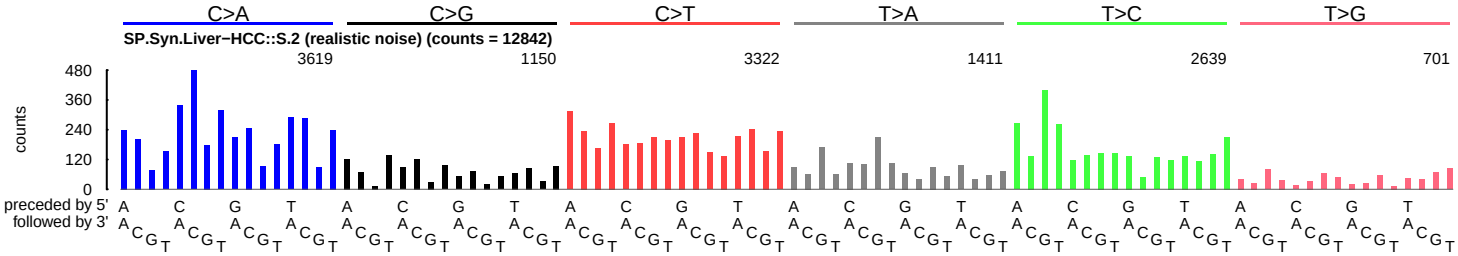

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Kidney−RCC::S.57 (realistic noise) (counts = 4745)
798
563
1440
423
1017
504
counts
168
126
84
42
0
preceded by 5'
followed by 3'

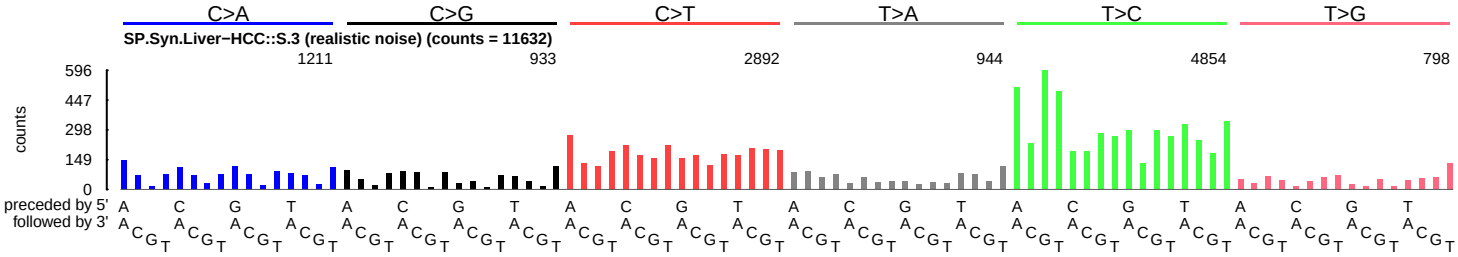

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Kidney−RCC::S.58 (realistic noise) (counts = 6291)
1240
834
1652
692
1064
809
counts
192
144
96
48
0
preceded by 5'
followed by 3'

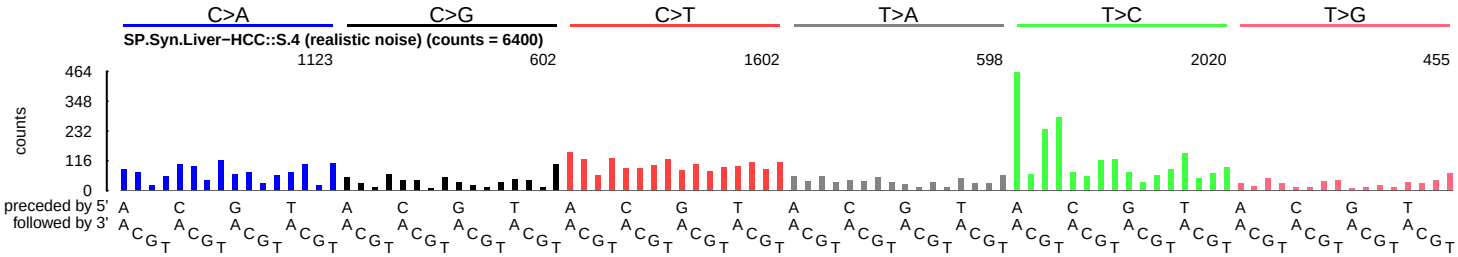

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Kidney−RCC::S.59 (realistic noise) (counts = 4089)
807
502
1198
450
628
504
counts
124
93
62
31
0
preceded by 5'
followed by 3'

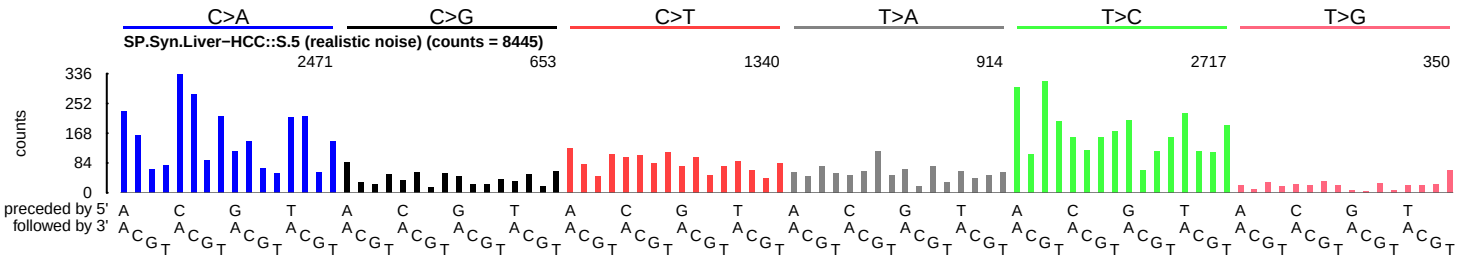

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Kidney−RCC::MSI−H.S.1 (realistic noise) (counts = 29300)
2847
2331
12621
2130
7233
2138
counts
2064
1548
1032
516
0
preceded by 5'
followed by 3'

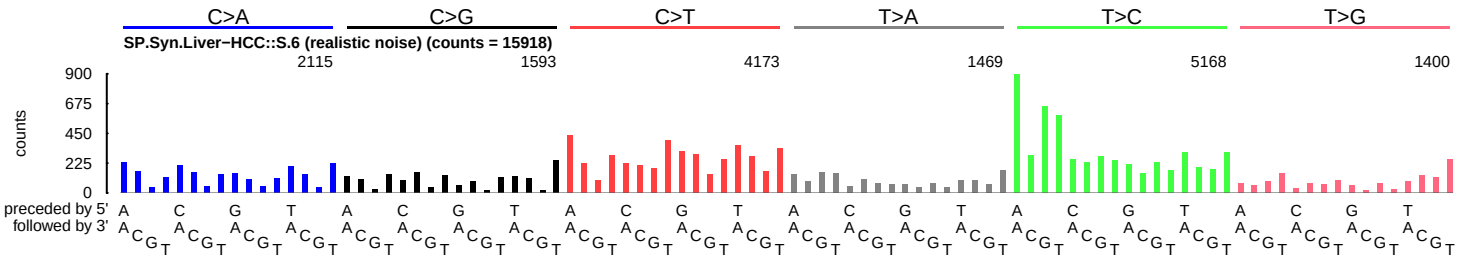

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Liver−HCC::S.1 (realistic noise) (counts = 10579)
1090
994
2872
960
3839
824
counts
1048
786
524
262
0
preceded by 5'
followed by 3'

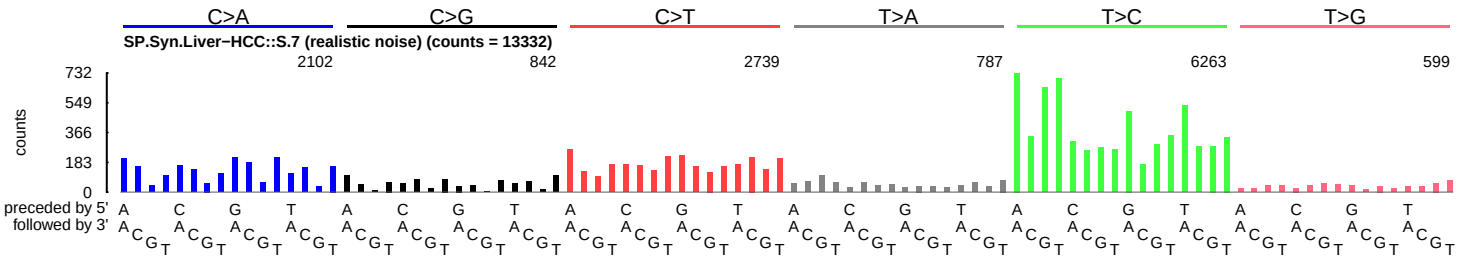

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Liver−HCC::S.2 (realistic noise) (counts = 12842)
3619
1150
3322
1411
2639
701
counts
480
360
240
120
0
preceded by 5'
followed by 3'

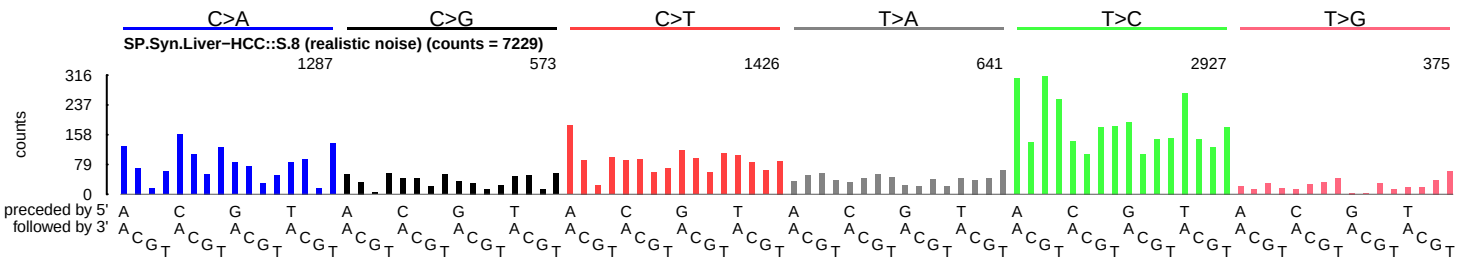

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Liver−HCC::S.3 (realistic noise) (counts = 11632)
1211
933
2892
944
4854
798
counts
596
447
298
149
0
preceded by 5'
followed by 3'

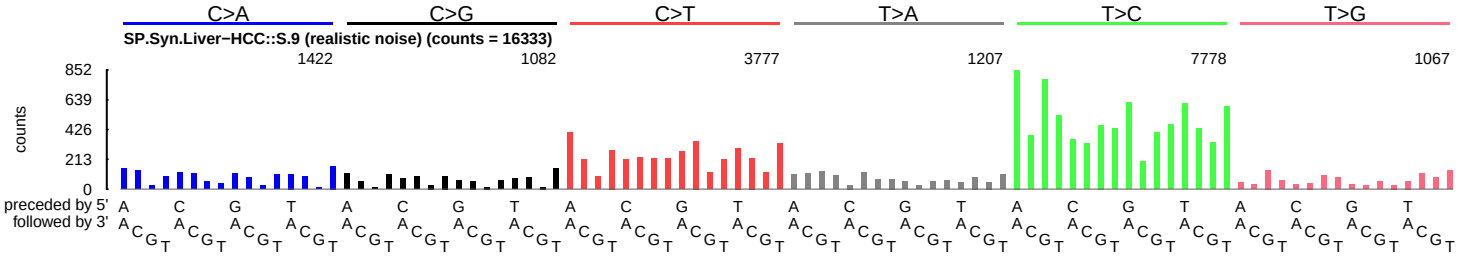

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Liver−HCC::S.4 (realistic noise) (counts = 6400)
1123
602
1602
598
2020
455
counts
464
348
232
116
0
preceded by 5'
followed by 3'

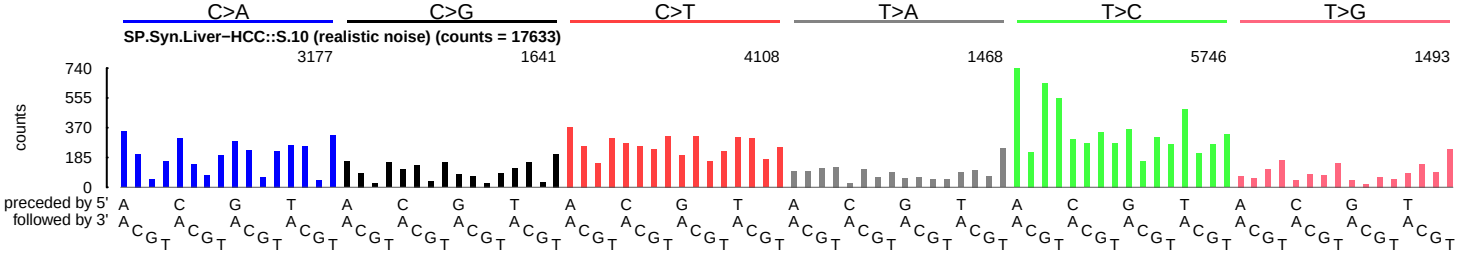

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Liver−HCC::S.5 (realistic noise) (counts = 8445)
2471
653
1340
914
2717
350
counts
336
252
168
84
0
preceded by 5'
followed by 3'

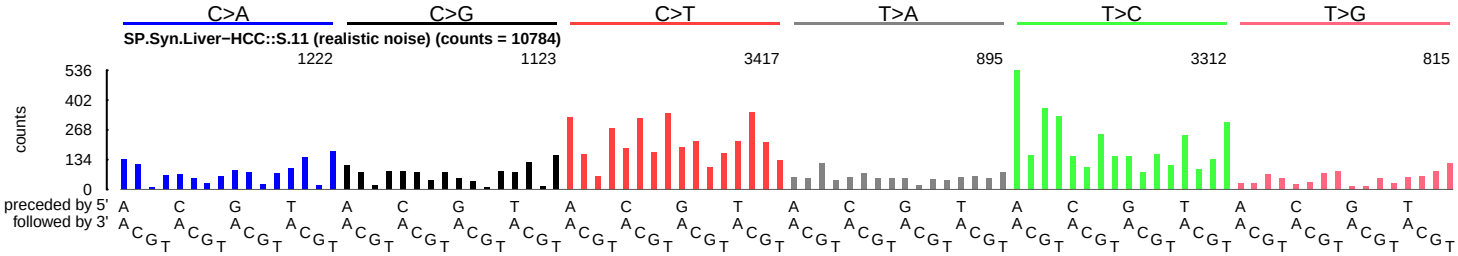

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Liver−HCC::S.6 (realistic noise) (counts = 15918)
2115
1593
4173
1469
5168
1400
counts
900
675
450
225
0
preceded by 5'
followed by 3'

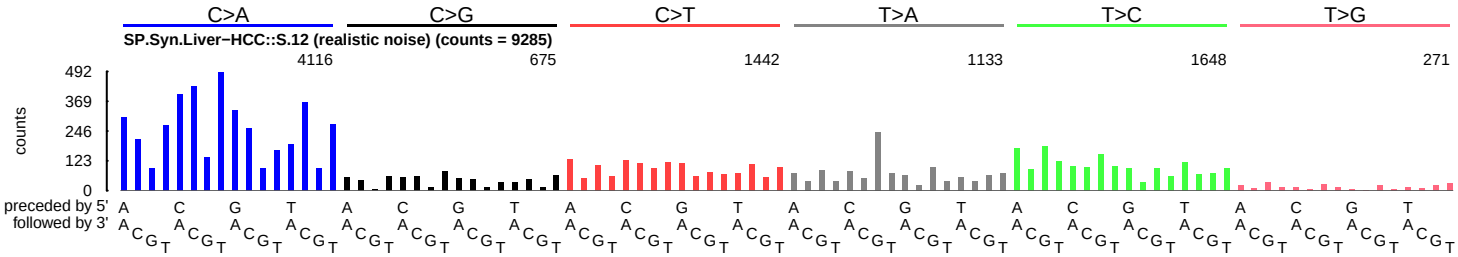

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Liver−HCC::S.7 (realistic noise) (counts = 13332)
2102
842
2739
787
6263
599
counts
732
549
366
183
0
preceded by 5'
followed by 3'

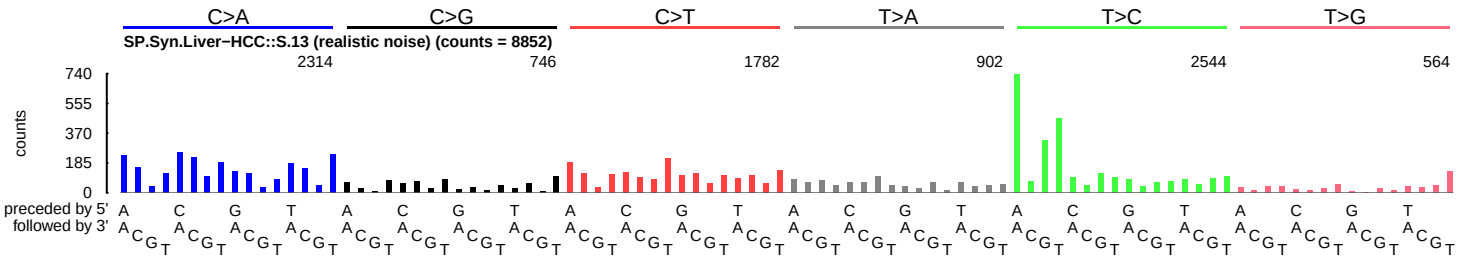

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Liver−HCC::S.8 (realistic noise) (counts = 7229)
1287
573
1426
641
2927
375
counts
316
237
158
79
0
preceded by 5'
followed by 3'

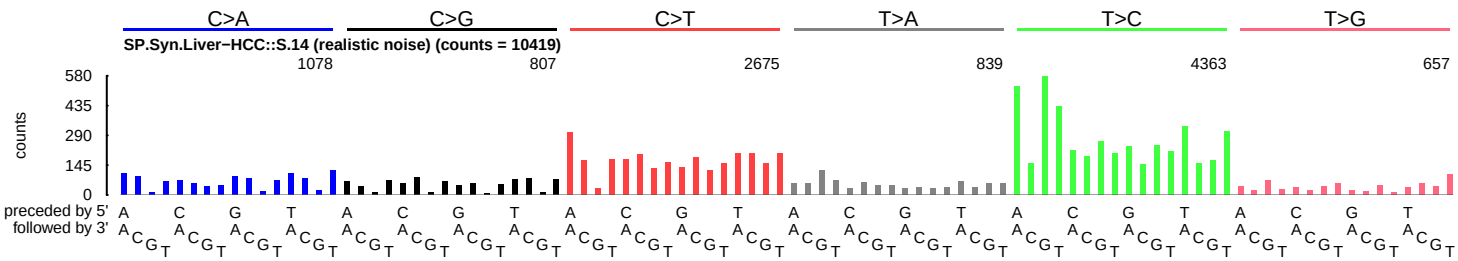

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Liver−HCC::S.9 (realistic noise) (counts = 16333)
1422
1082
3777
1207
7778
1067
852
639
426
213
0
counts
preceded by 5'
followed by 3'

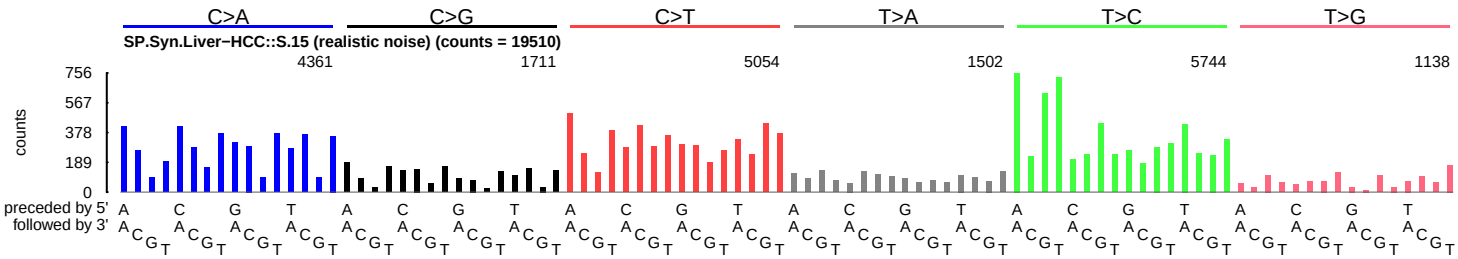

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Liver−HCC::S.10 (realistic noise) (counts = 17633)
3177
1641
4108
1468
5746
1493
740
555
370
185
0
counts
preceded by 5'
followed by 3'

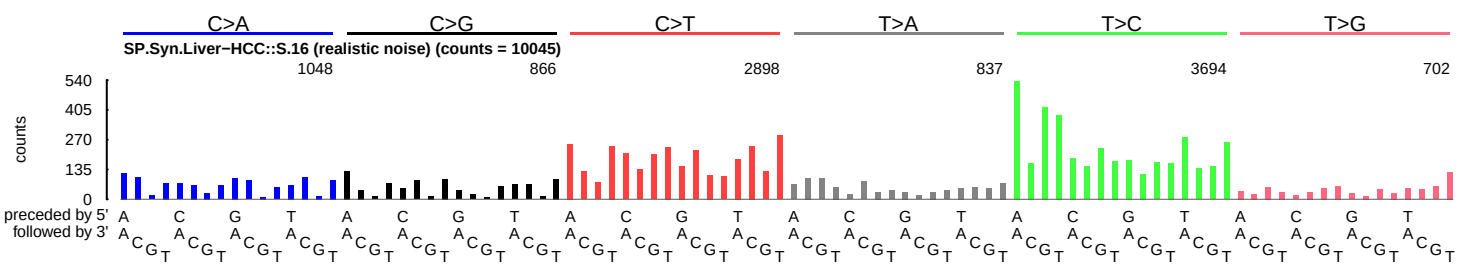

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Liver−HCC::S.11 (realistic noise) (counts = 10784)
1222
1123
3417
895
3312
815
536
402
268
134
0
counts
preceded by 5'
followed by 3'

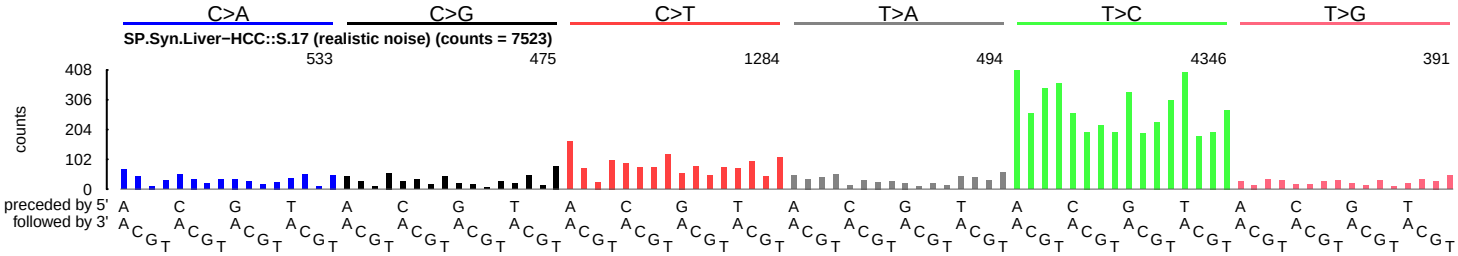

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Liver−HCC::S.12 (realistic noise) (counts = 9285)
4116
675
1442
1133
1648
271
492
369
246
123
0
counts
preceded by 5'
followed by 3'

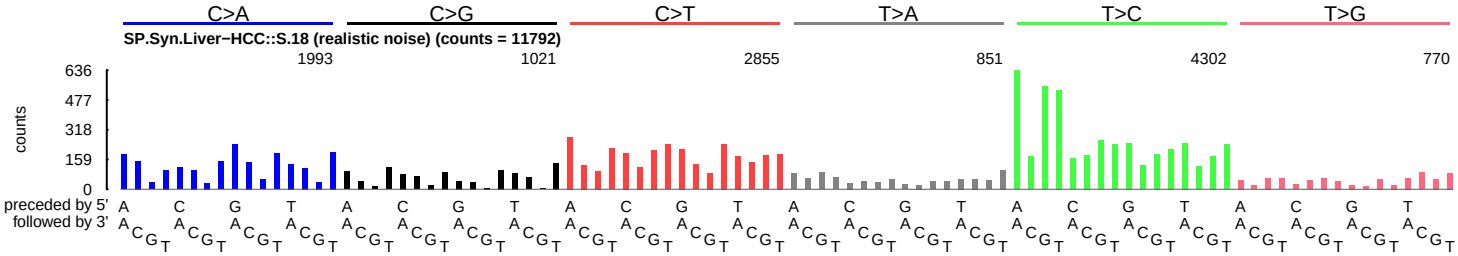

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Liver−HCC::S.13 (realistic noise) (counts = 8852)
2314
746
1782
902
2544
564
740
555
370
185
0
counts
preceded by 5'
followed by 3'

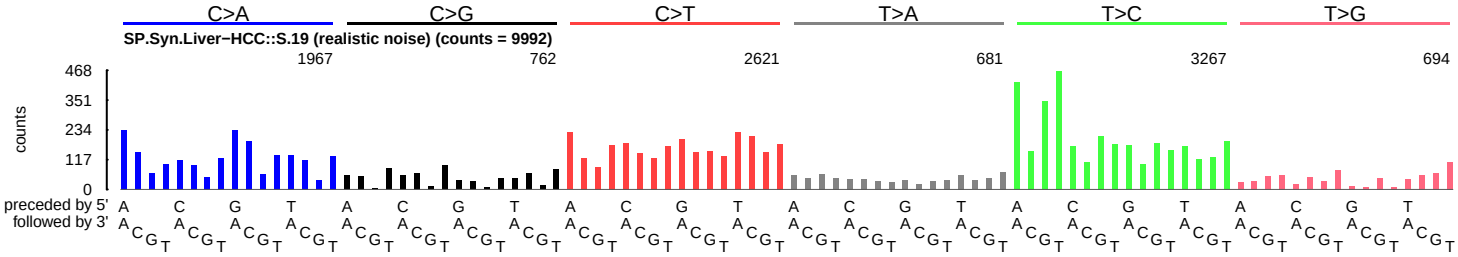

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Liver−HCC::S.14 (realistic noise) (counts = 10419)
1078
807
2675
839
4363
657
580
435
290
145
0
counts
preceded by 5'
followed by 3'

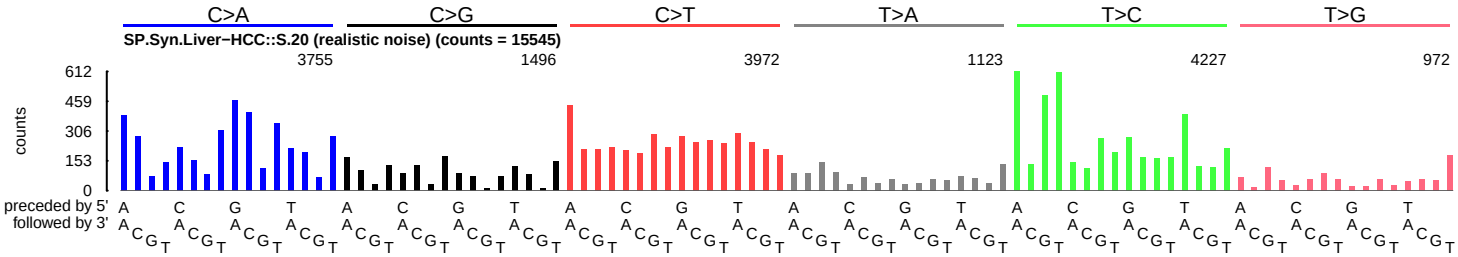

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Liver−HCC::S.15 (realistic noise) (counts = 19510)
4361
1711
5054
1502
5744
1138
756
567
378
189
0
counts
preceded by 5'
followed by 3'

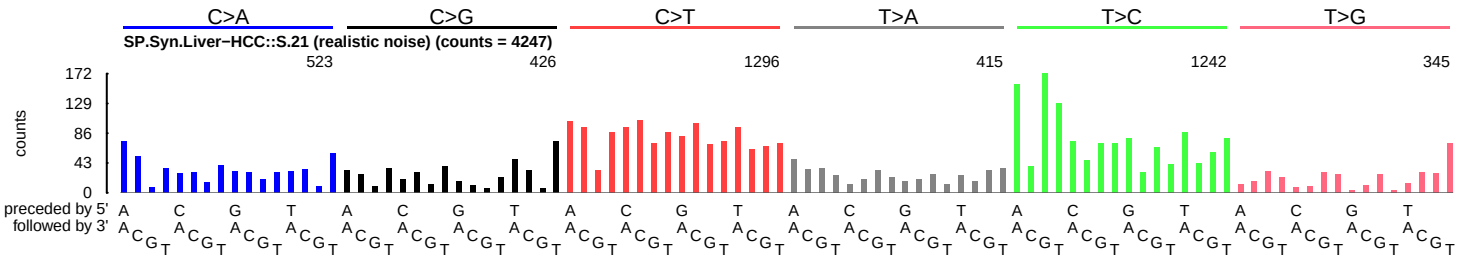

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Liver−HCC::S.16 (realistic noise) (counts = 10045)
1048
866
2898
837
3694
702
540
405
270
135
0
counts
preceded by 5'
followed by 3'

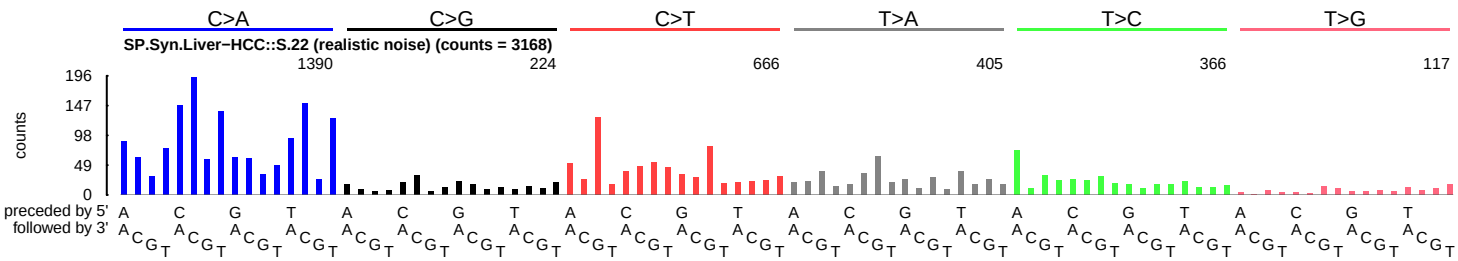

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Liver−HCC::S.17 (realistic noise) (counts = 7523)
533
475
1284
494
4346
391
counts
408
306
204
102
0
preceded by 5'
followed by 3'

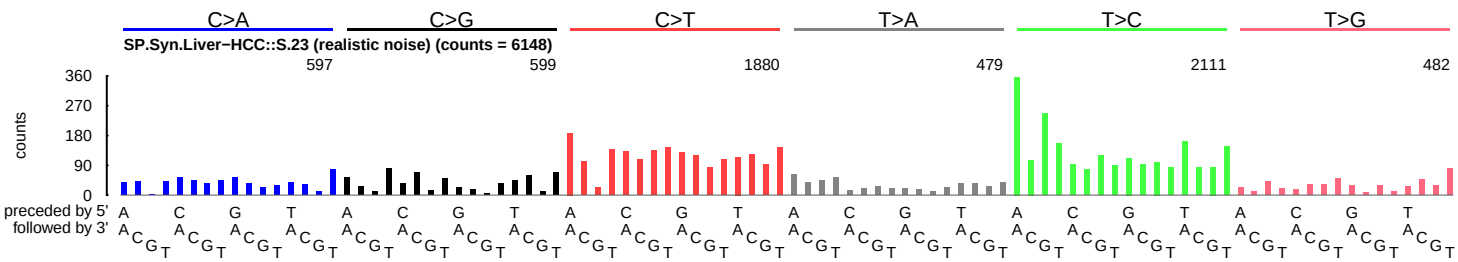

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Liver−HCC::S.18 (realistic noise) (counts = 11792)
1993
1021
2855
851
4302
770
counts
636
477
318
159
0
preceded by 5'
followed by 3'

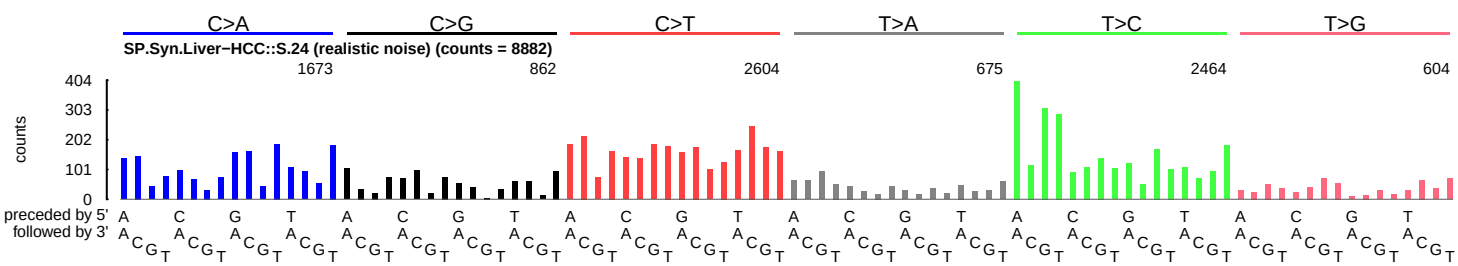

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Liver−HCC::S.19 (realistic noise) (counts = 9992)
1967
762
2621
681
3267
694
counts
468
351
234
117
0
preceded by 5'
followed by 3'

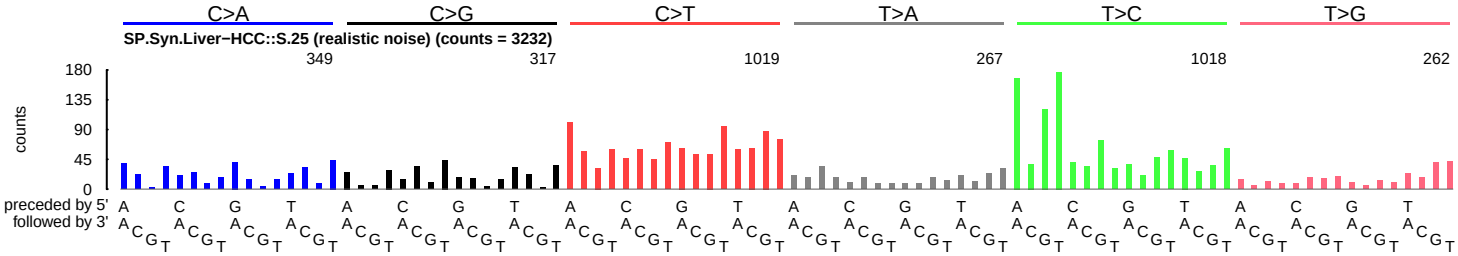

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Liver−HCC::S.20 (realistic noise) (counts = 15545)
3755
1496
3972
1123
4227
972
counts
612
459
306
153
0
preceded by 5'
followed by 3'

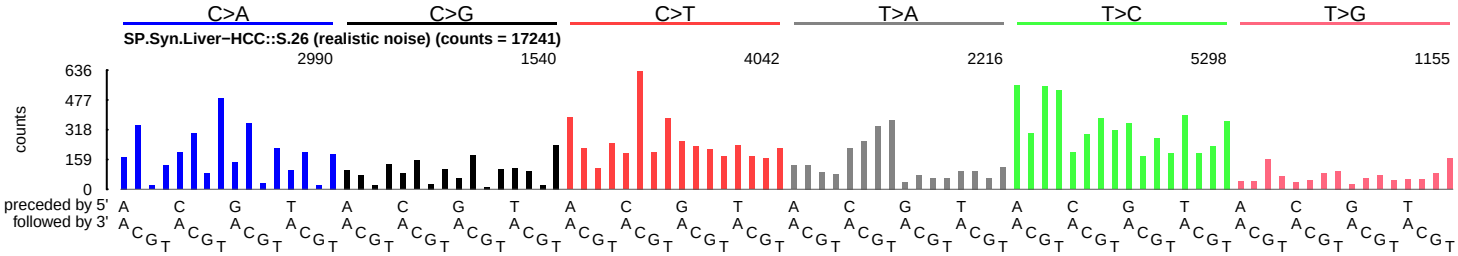

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Liver−HCC::S.21 (realistic noise) (counts = 4247)
523
426
1296
415
1242
345
counts
172
129
86
43
0
preceded by 5'
followed by 3'

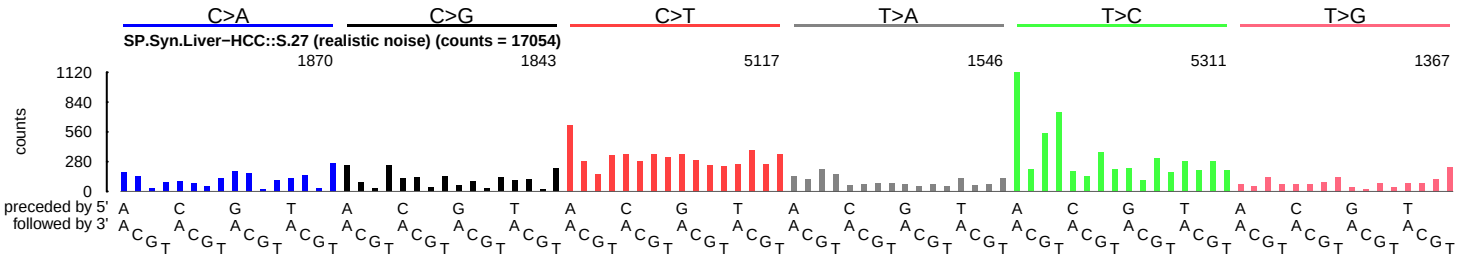

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Liver−HCC::S.22 (realistic noise) (counts = 3168)
1390
224
666
405
366
117
counts
196
147
98
49
0
preceded by 5'
followed by 3'

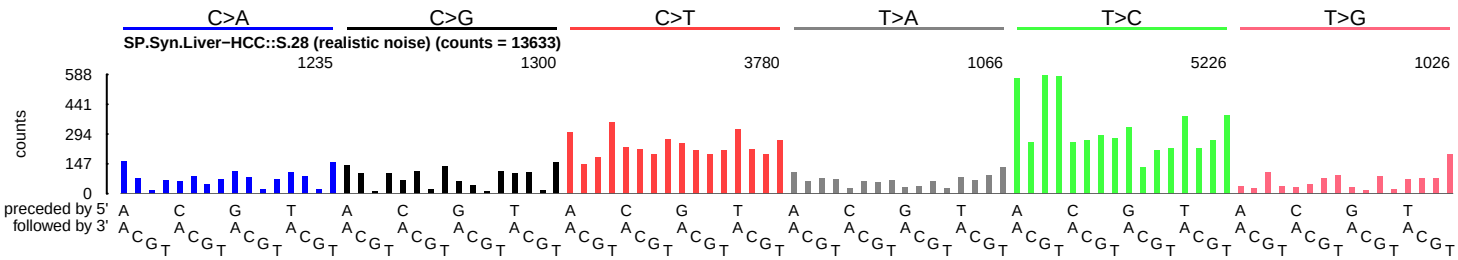

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Liver−HCC::S.23 (realistic noise) (counts = 6148)
597
599
1880
479
2111
482
counts
360
270
180
90
0
preceded by 5'
followed by 3'

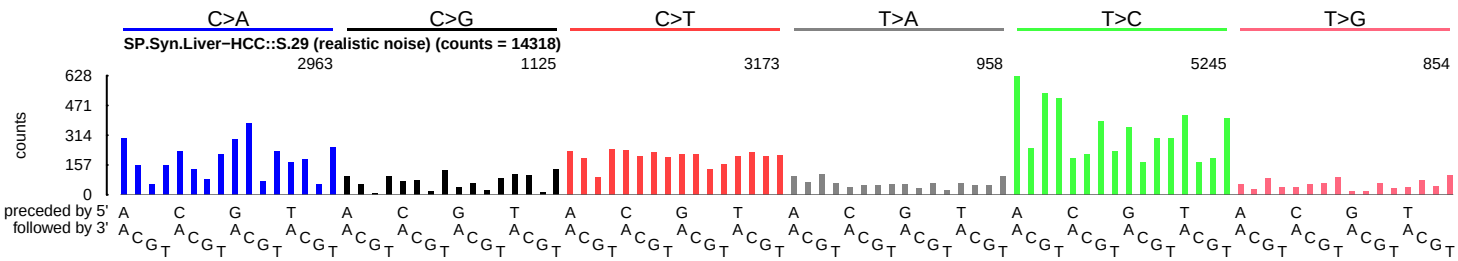

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Liver−HCC::S.24 (realistic noise) (counts = 8882)
1673
862
2604
675
2464
604
counts
404
303
202
101
0
preceded by 5'
followed by 3'

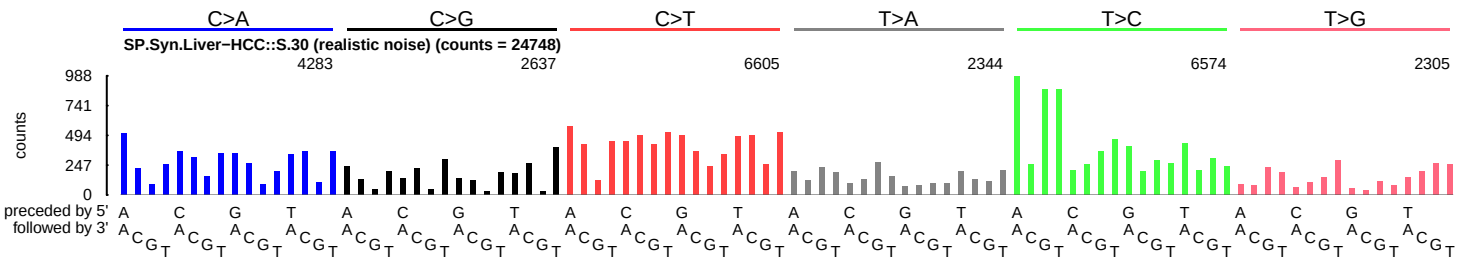

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Liver−HCC::S.25 (realistic noise) (counts = 3232)
349
317
1019
267
1018
262
counts
180
135
90
45
0
preceded by 5'
followed by 3'

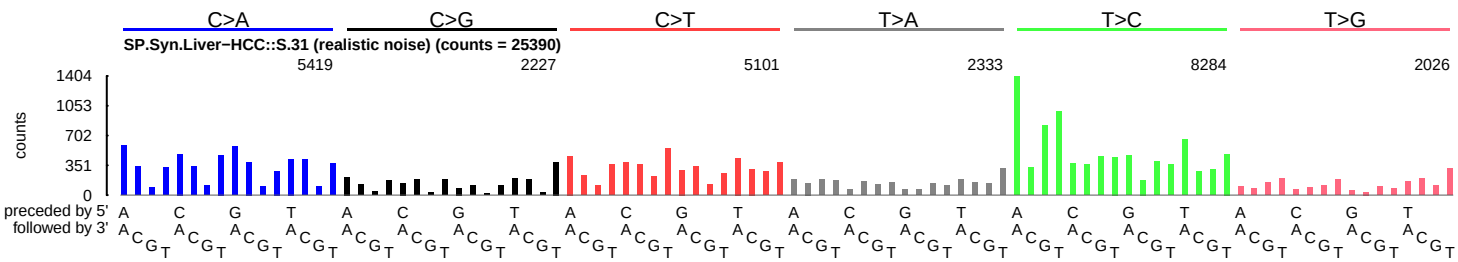

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Liver−HCC::S.26 (realistic noise) (counts = 17241)
2990
1540
4042
2216
5298
1155
counts
636
477
318
159
0
preceded by 5'
followed by 3'

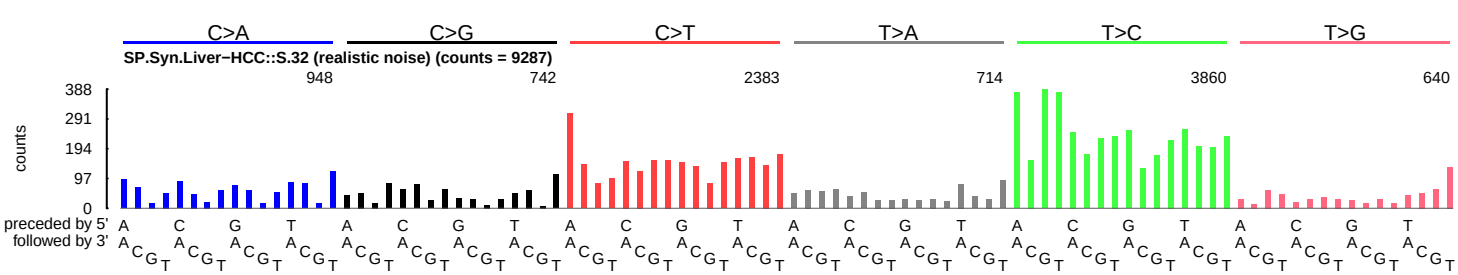

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Liver−HCC::S.27 (realistic noise) (counts = 17054)
1870
1843
5117
1546
5311
1367
counts
1120
840
560
280
0
preceded by 5'
followed by 3'

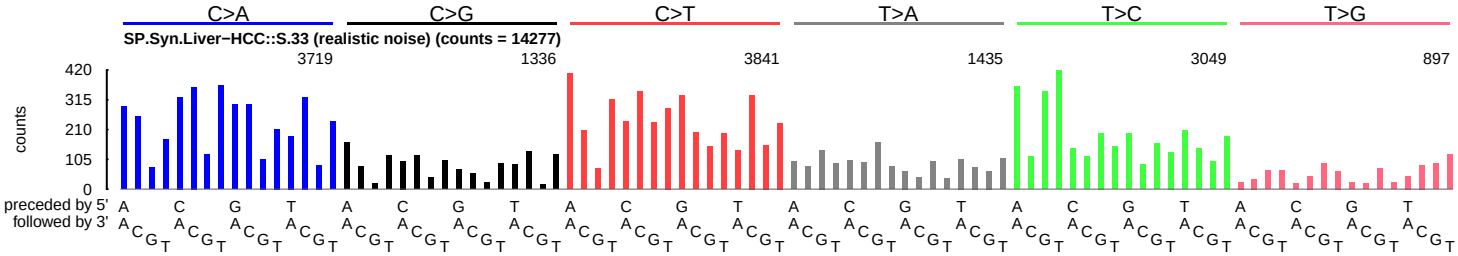

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Liver−HCC::S.28 (realistic noise) (counts = 13633)
1235
1300
3780
1066
5226
1026
counts
588
441
294
147
0
preceded by 5'
followed by 3'

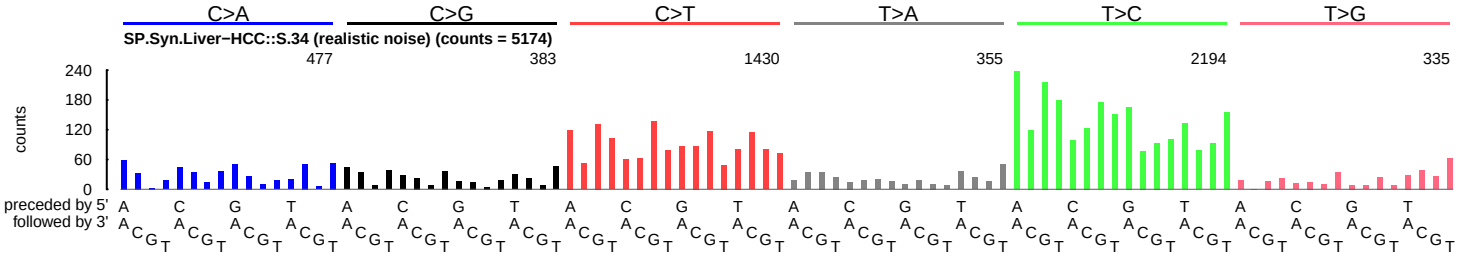

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Liver−HCC::S.29 (realistic noise) (counts = 14318)
2963
1125
3173
958
5245
854
counts
628
471
314
157
0
preceded by 5'
followed by 3'

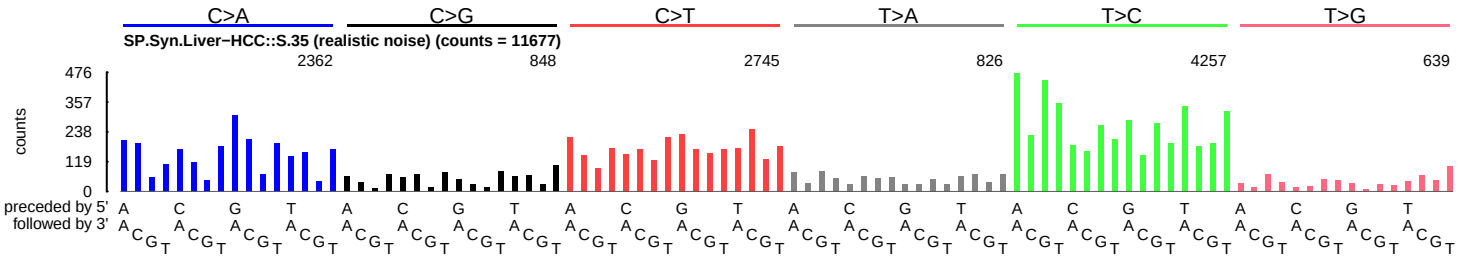

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Liver−HCC::S.30 (realistic noise) (counts = 24748)
4283
2637
6605
2344
6574
2305
counts
988
741
494
247
0
preceded by 5'
followed by 3'

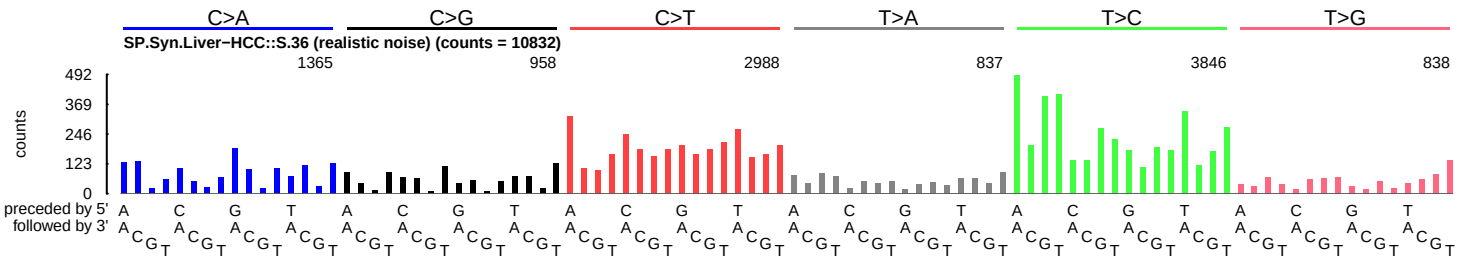

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Liver−HCC::S.31 (realistic noise) (counts = 25390)
5419
2227
5101
2333
8284
2026
counts
1404
1053
702
351
0
preceded by 5'
followed by 3'

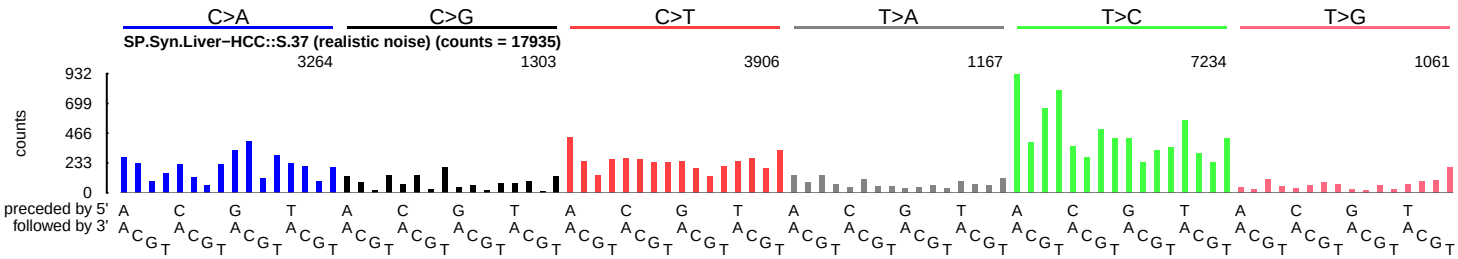

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Liver−HCC::S.32 (realistic noise) (counts = 9287)
948
742
2383
714
3860
640
counts
388
291
194
97
0
preceded by 5'
followed by 3'

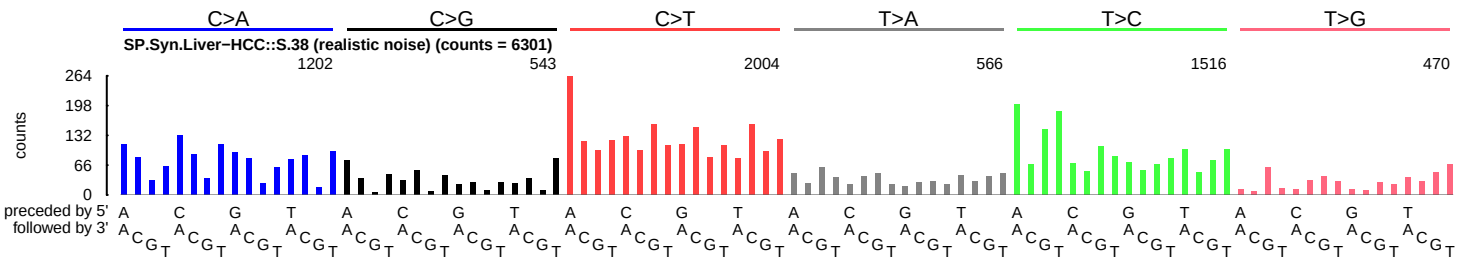

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Liver−HCC::S.33 (realistic noise) (counts = 14277)
3719
1336
3841
1435
3049
897
counts
420
315
210
105
0
preceded by 5'
followed by 3'

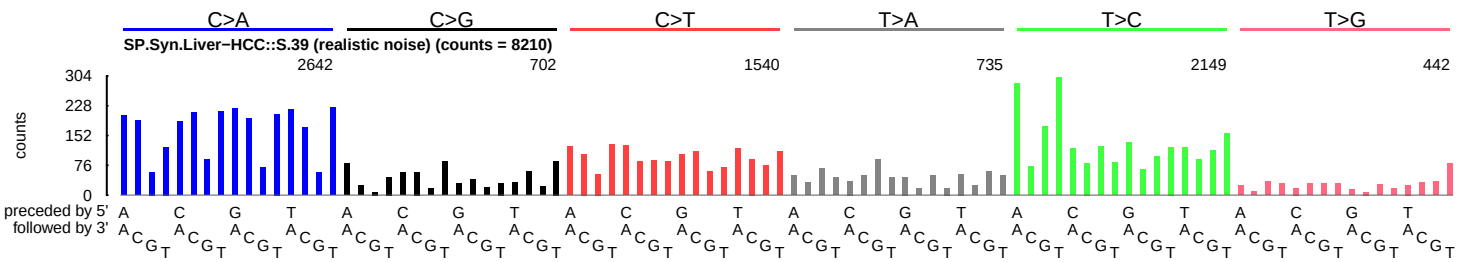

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Liver−HCC::S.34 (realistic noise) (counts = 5174)
477
383
1430
355
2194
335
counts
240
180
120
60
0
preceded by 5'
followed by 3'

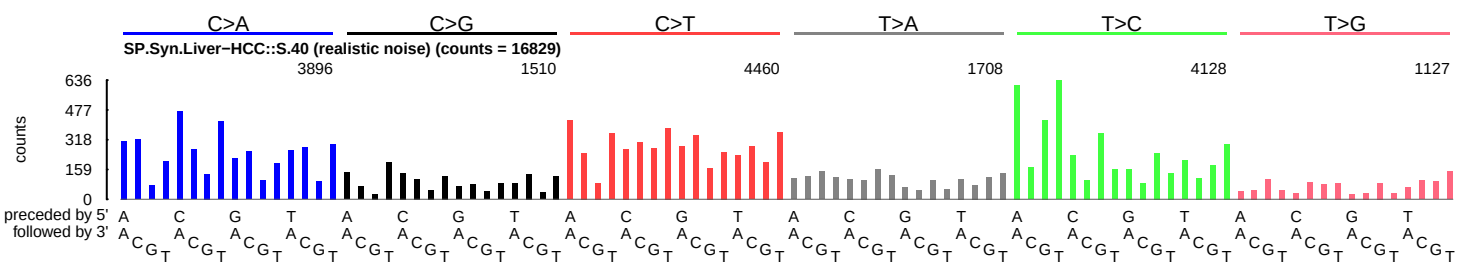

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Liver−HCC::S.35 (realistic noise) (counts = 11677)
2362
848
2745
826
4257
639
counts
476
357
238
119
0
preceded by 5'
followed by 3'

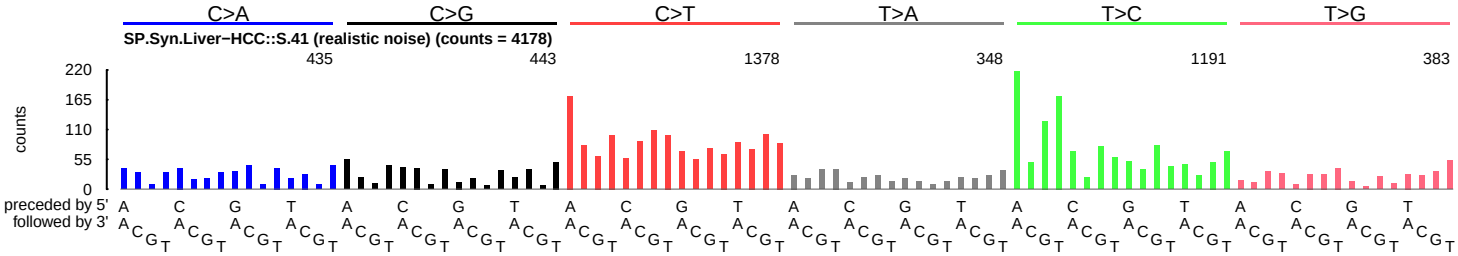

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Liver−HCC::S.36 (realistic noise) (counts = 10832)
1365
958
2988
837
3846
838
counts
492
369
246
123
0
preceded by 5'
followed by 3'

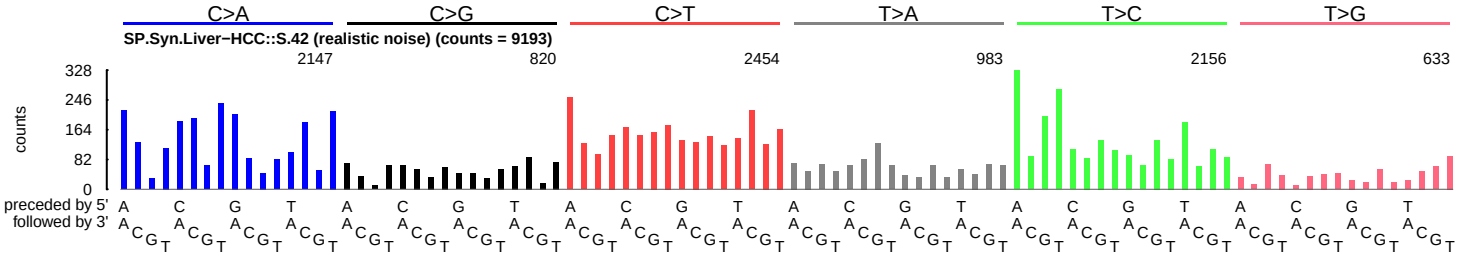

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Liver−HCC::S.37 (realistic noise) (counts = 17935)
3264
1303
3906
1167
7234
1061
counts
932
699
466
233
0
preceded by 5'
followed by 3'

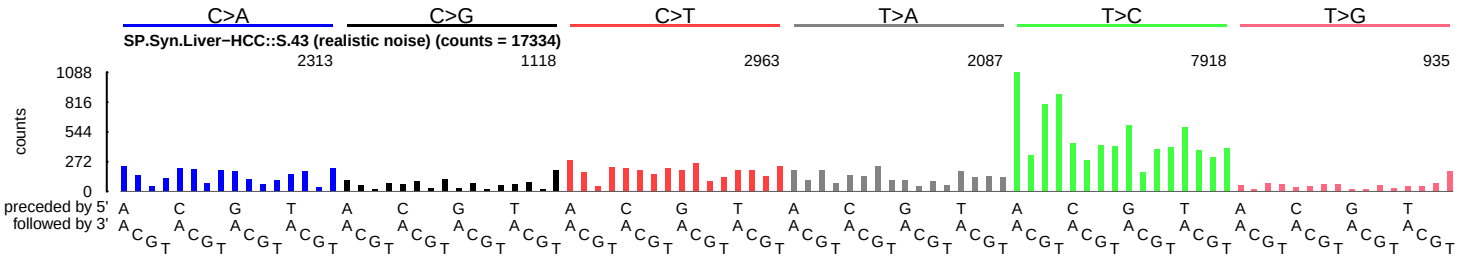

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Liver−HCC::S.38 (realistic noise) (counts = 6301)
1202
543
2004
566
1516
470
counts
264
198
132
66
0
preceded by 5'
followed by 3'

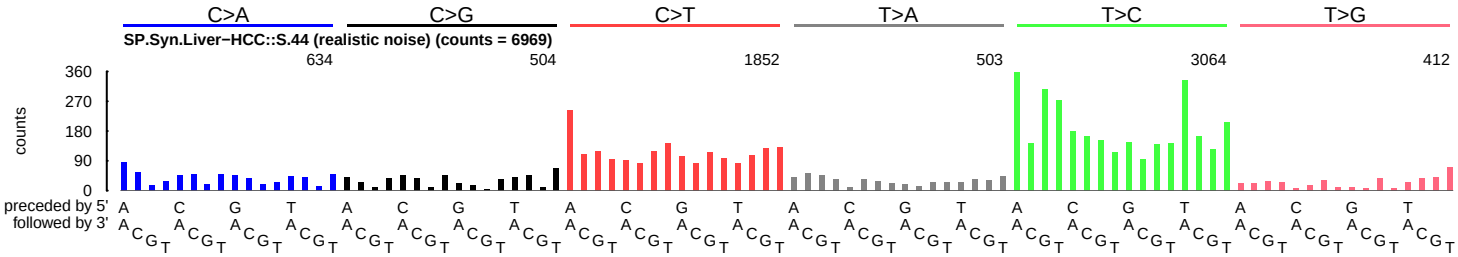

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Liver−HCC::S.39 (realistic noise) (counts = 8210)
2642
702
1540
735
2149
442
counts
304
228
152
76
0
preceded by 5'
followed by 3'

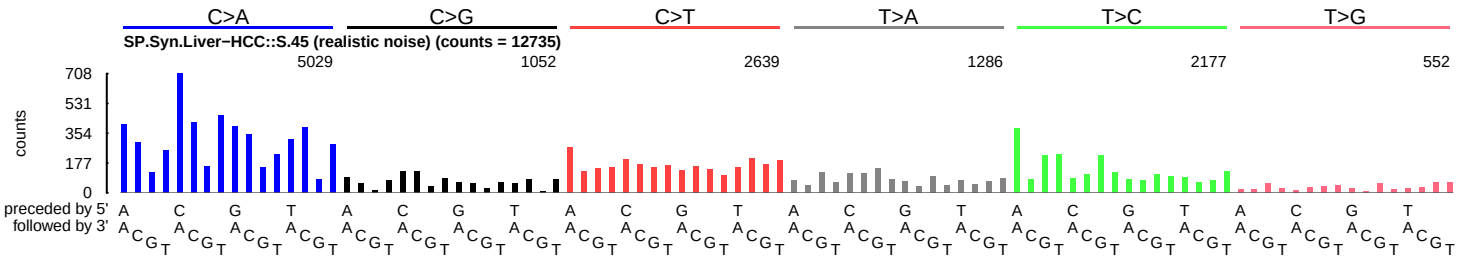

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Liver−HCC::S.40 (realistic noise) (counts = 16829)
3896
1510
4460
1708
4128
1127
counts
636
477
318
159
0
preceded by 5'
followed by 3'

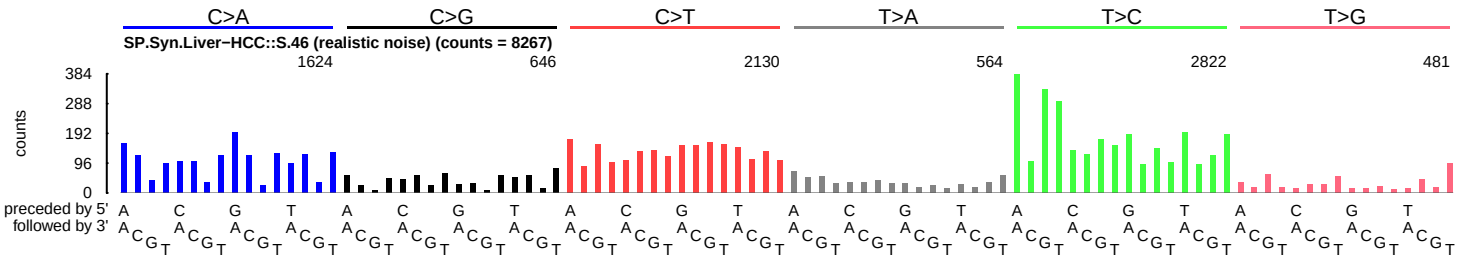

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Liver−HCC::S.41 (realistic noise) (counts = 4178)
435
443
1378
348
1191
383
counts
220
165
110
55
0
preceded by 5'
followed by 3'

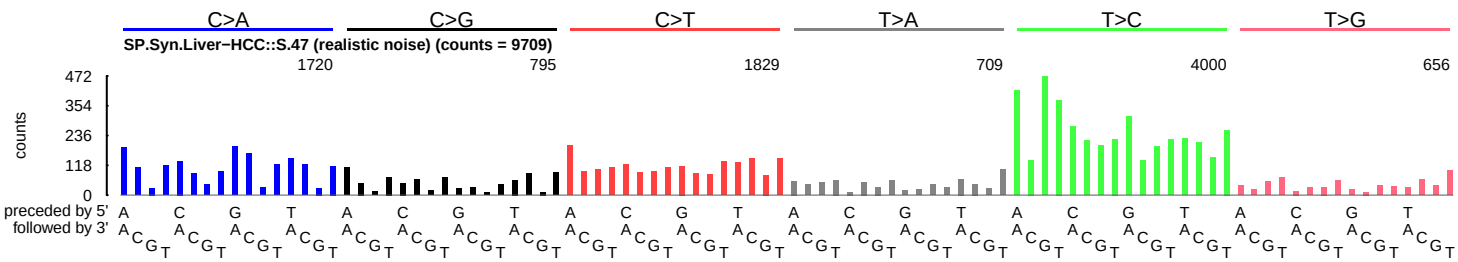

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Liver−HCC::S.42 (realistic noise) (counts = 9193)
2147
820
2454
983
2156
633
counts
328
246
164
82
0
preceded by 5'
followed by 3'

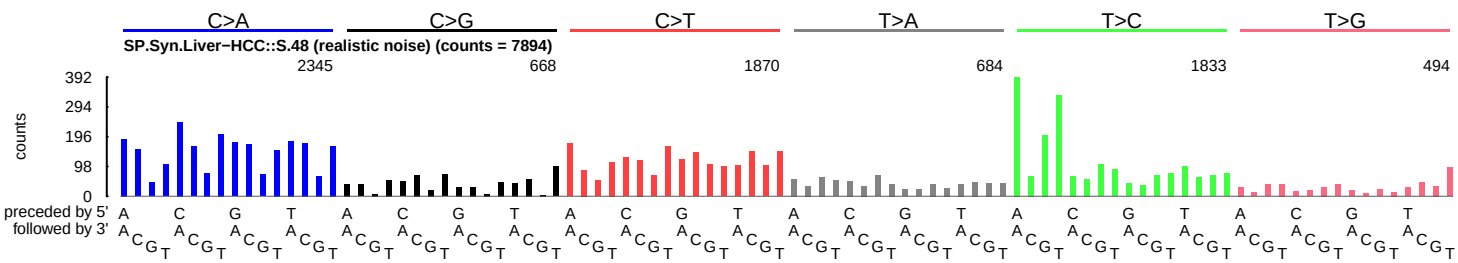

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Liver−HCC::S.43 (realistic noise) (counts = 17334)
2313
1118
2963
2087
7918
935
counts
1088
816
544
272
0
preceded by 5'
followed by 3'

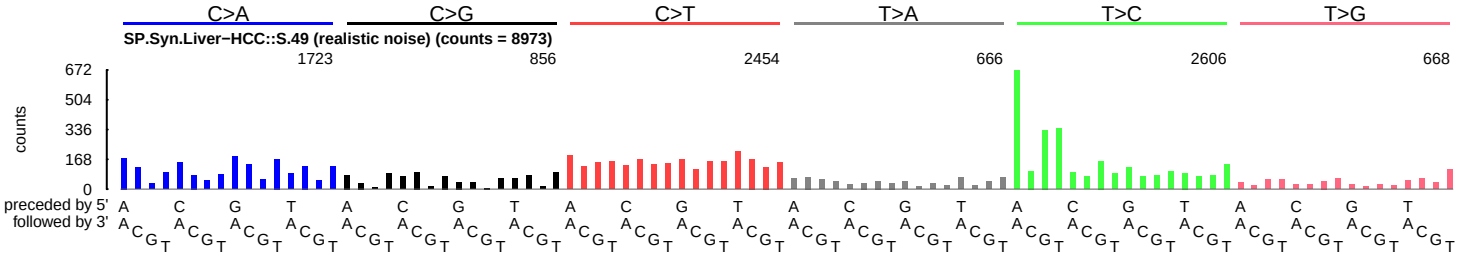

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Liver−HCC::S.44 (realistic noise) (counts = 6969)
634
504
1852
503
3064
412
counts
360
270
180
90
0
preceded by 5'
followed by 3'

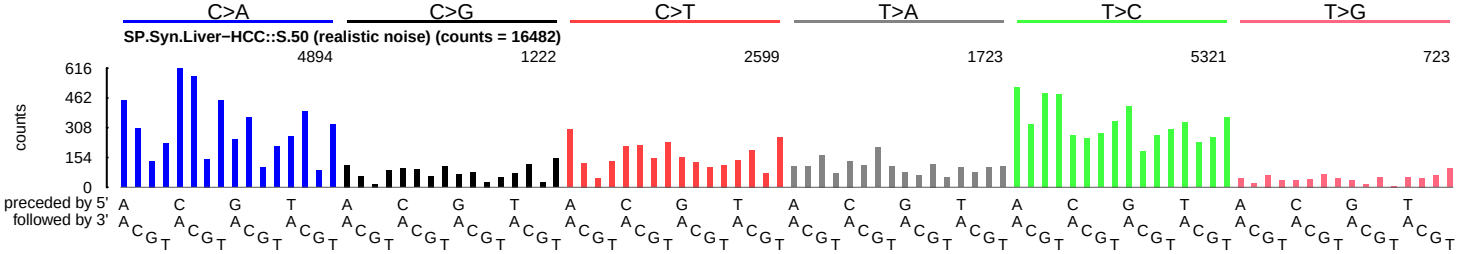

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Liver−HCC::S.45 (realistic noise) (counts = 12735)
5029
1052
2639
1286
2177
552
counts
708
531
354
177
0
preceded by 5'
followed by 3'

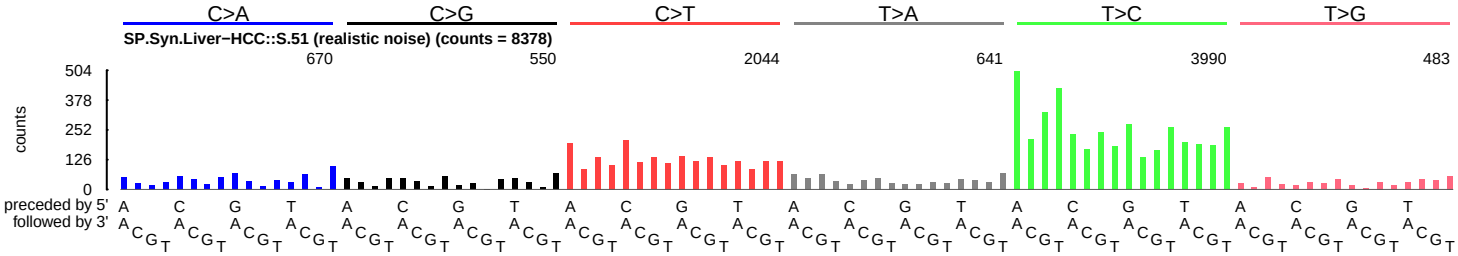

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Liver−HCC::S.46 (realistic noise) (counts = 8267)
1624
646
2130
564
2822
481
counts
384
288
192
96
0
preceded by 5'
followed by 3'

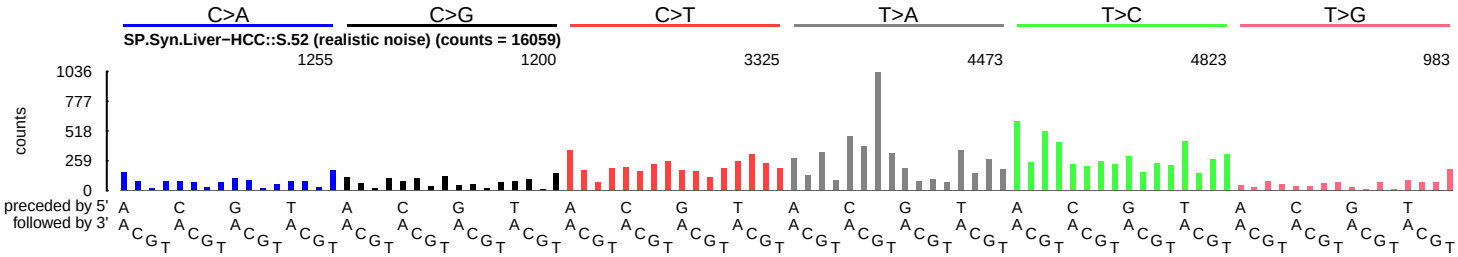

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Liver−HCC::S.47 (realistic noise) (counts = 9709)
1720
795
1829
709
4000
656
counts
472
354
236
118
0
preceded by 5'
followed by 3'

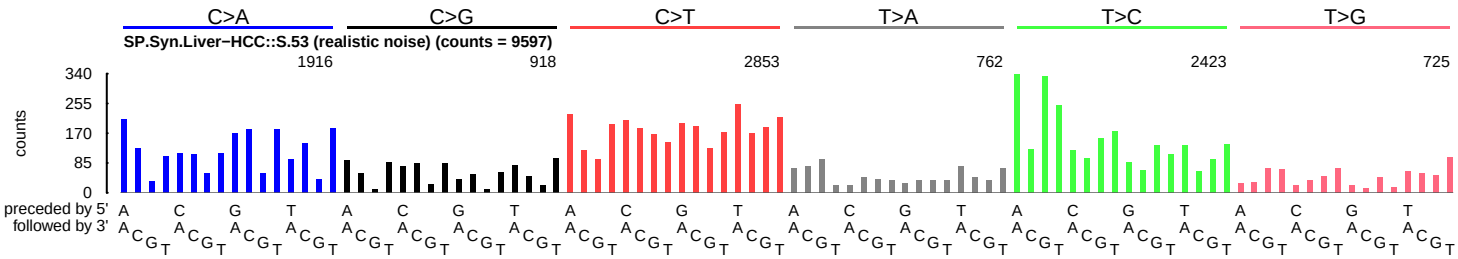

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Liver−HCC::S.48 (realistic noise) (counts = 7894)
2345
668
1870
684
1833
494
counts
392
294
196
98
0
preceded by 5'
followed by 3'

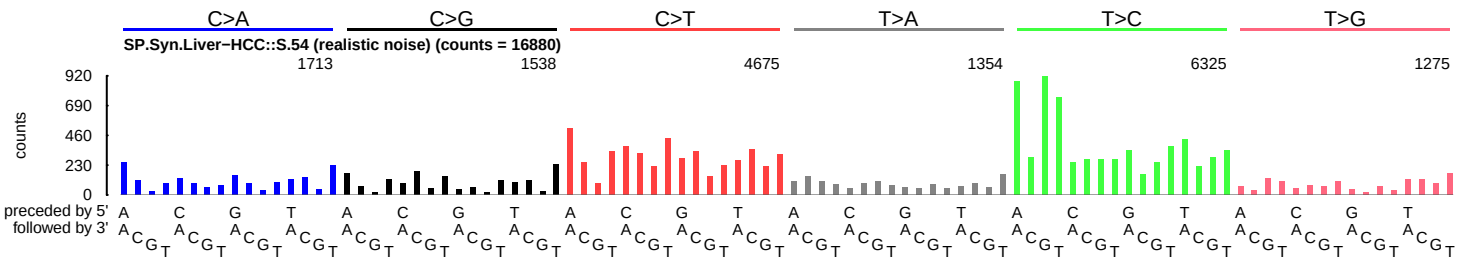

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Liver−HCC::S.49 (realistic noise) (counts = 8973)
1723
856
2454
666
2606
668
counts
672
504
336
168
0
preceded by 5'
followed by 3'

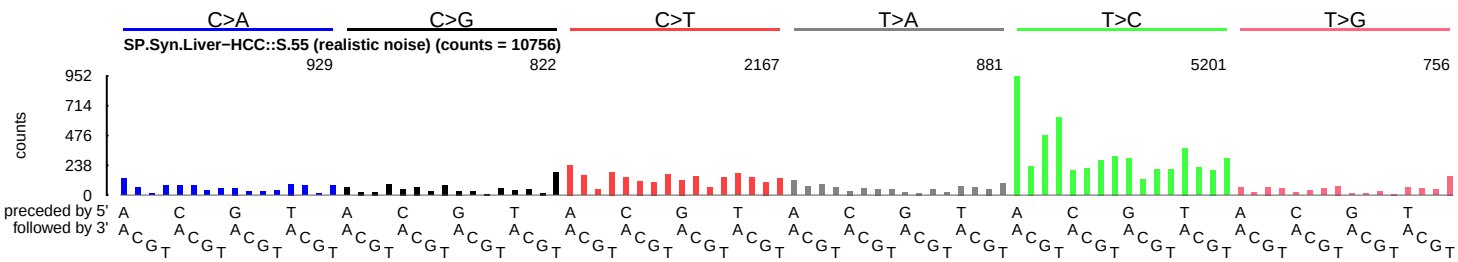

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Liver−HCC::S.50 (realistic noise) (counts = 16482)
4894
1222
2599
1723
5321
723
counts
616
462
308
154
0
preceded by 5'
followed by 3'

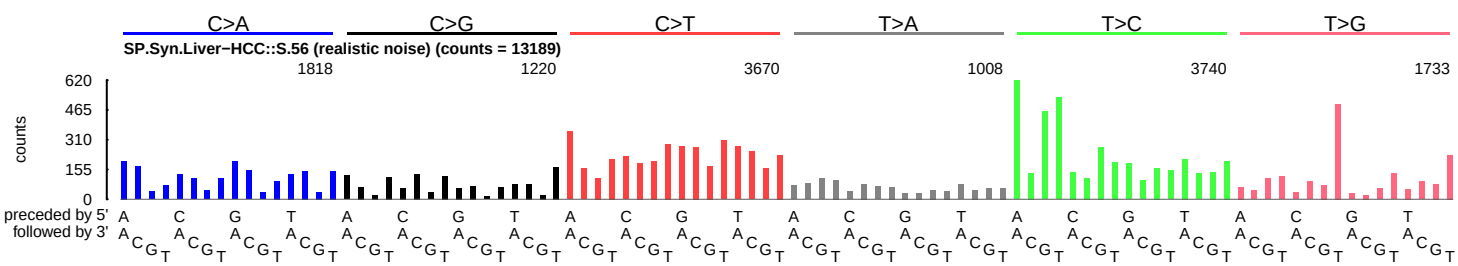

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Liver−HCC::S.51 (realistic noise) (counts = 8378)
670
550
2044
641
3990
483
counts
504
378
252
126
0
preceded by 5'
followed by 3'

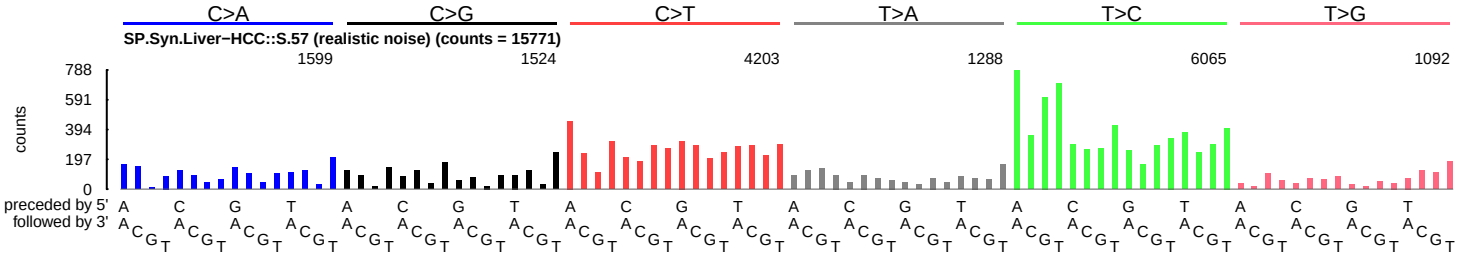

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Liver−HCC::S.52 (realistic noise) (counts = 16059)
1255
1200
3325
4473
4823
983
counts
1036
777
518
259
0
preceded by 5'
followed by 3'

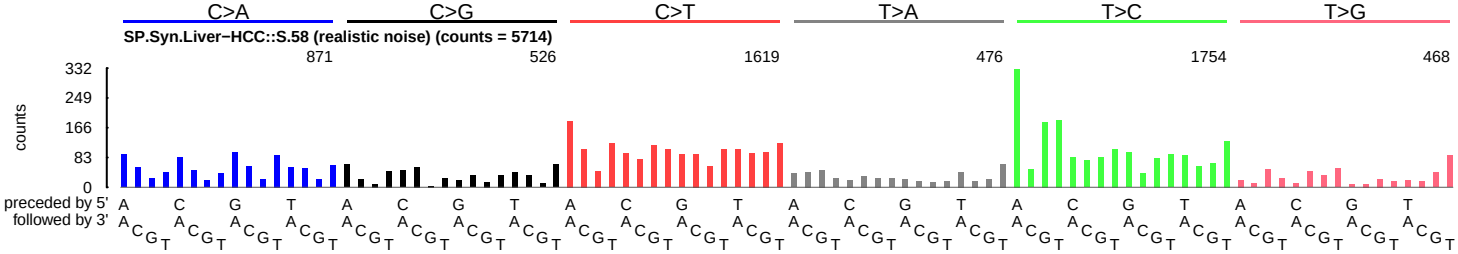

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Liver−HCC::S.53 (realistic noise) (counts = 9597)
1916
918
2853
762
2423
725
counts
340
255
170
85
0
preceded by 5'
followed by 3'

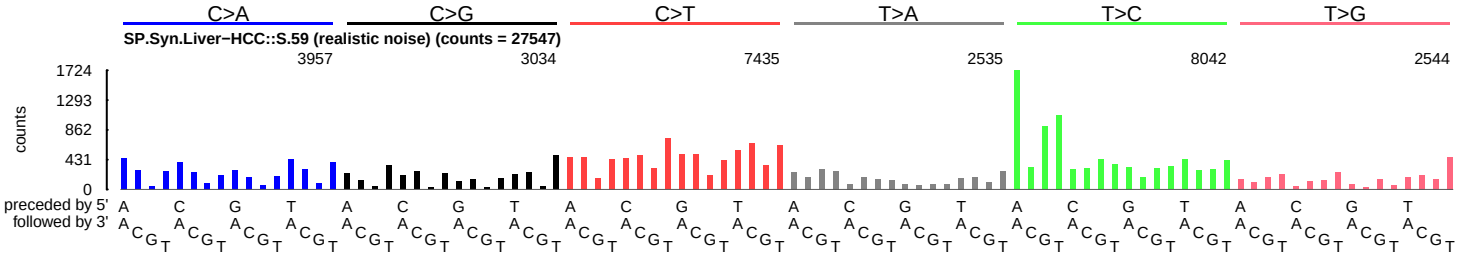

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Liver−HCC::S.54 (realistic noise) (counts = 16880)
1713
1538
4675
1354
6325
1275
counts
920
690
460
230
0
preceded by 5'
followed by 3'

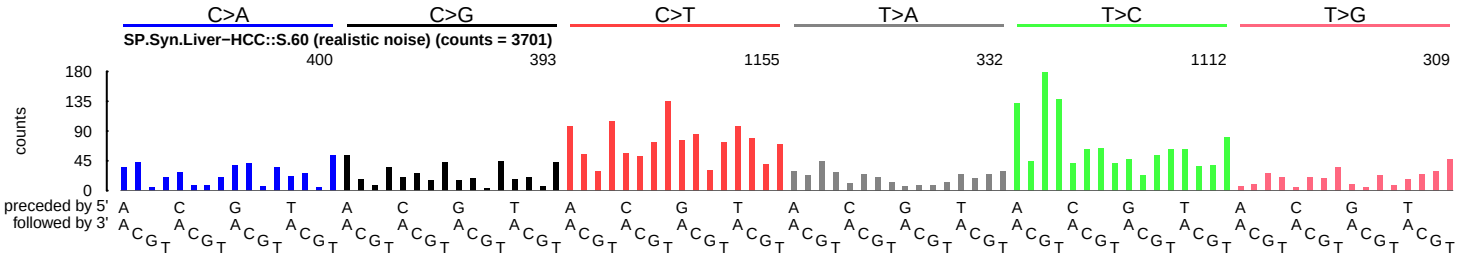

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Liver−HCC::S.55 (realistic noise) (counts = 10756)
929
822
2167
881
5201
756
counts
952
714
476
238
0
preceded by 5'
followed by 3'

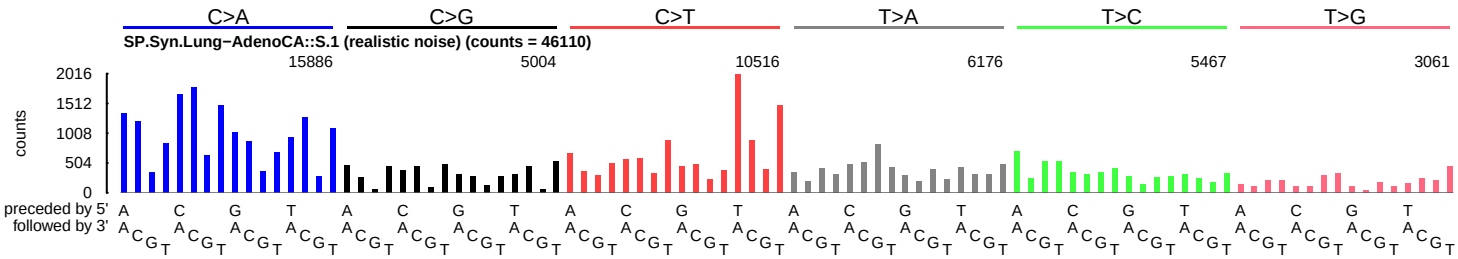

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Liver−HCC::S.56 (realistic noise) (counts = 13189)
1818
1220
3670
1008
3740
1733
counts
620
465
310
155
0
preceded by 5'
followed by 3'

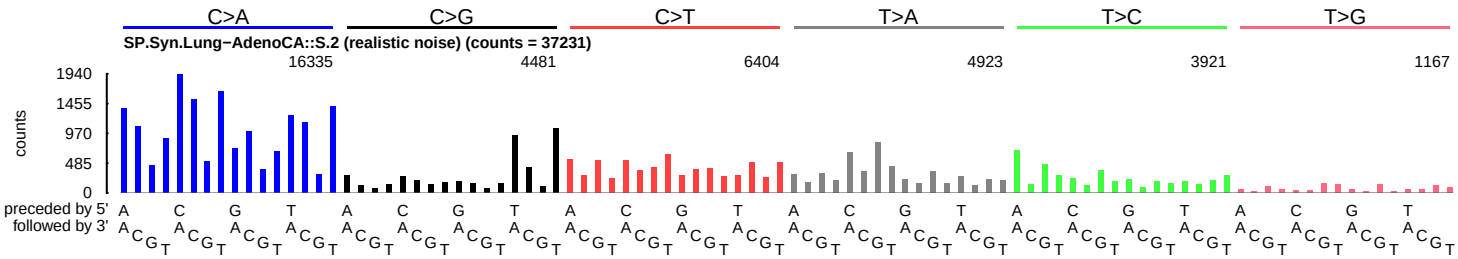

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Liver−HCC::S.57 (realistic noise) (counts = 15771)
1599
1524
4203
1288
6065
1092
counts
788
591
394
197
0
preceded by 5'
followed by 3'

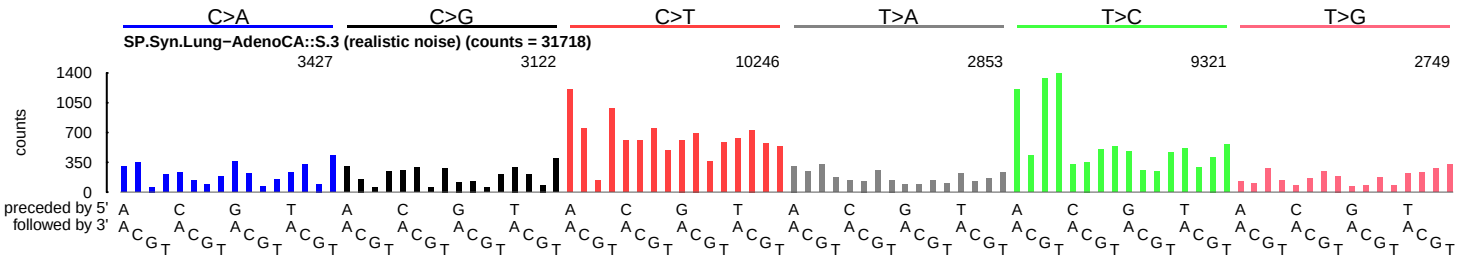

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Liver−HCC::S.58 (realistic noise) (counts = 5714)
871
526
1619
476
1754
468
counts
332
249
166
83
0
preceded by 5'
followed by 3'

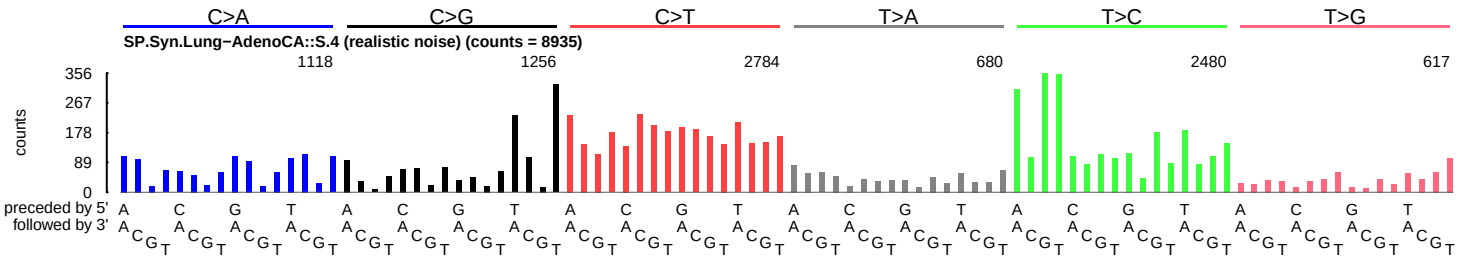

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Liver−HCC::S.59 (realistic noise) (counts = 27547)
3957
3034
7435
2535
8042
2544
counts
1724
1293
862
431
0
preceded by 5'
followed by 3'

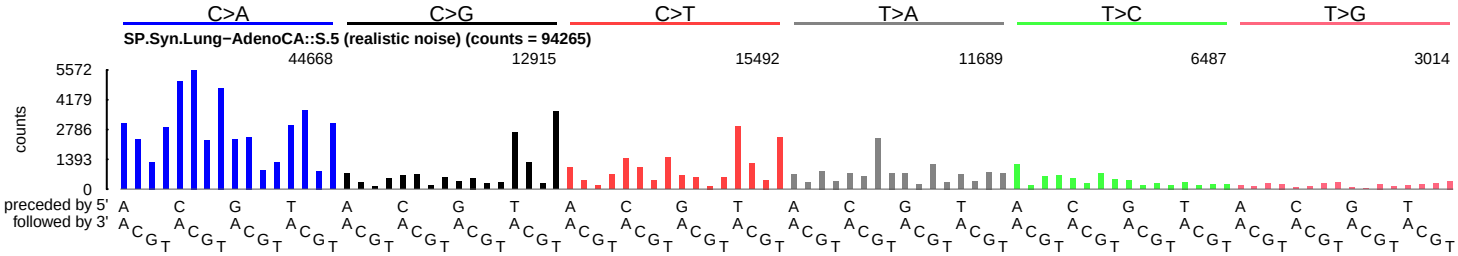

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Liver−HCC::S.60 (realistic noise) (counts = 3701)
400
393
1155
332
1112
309
counts
180
135
90
45
0
preceded by 5'
followed by 3'

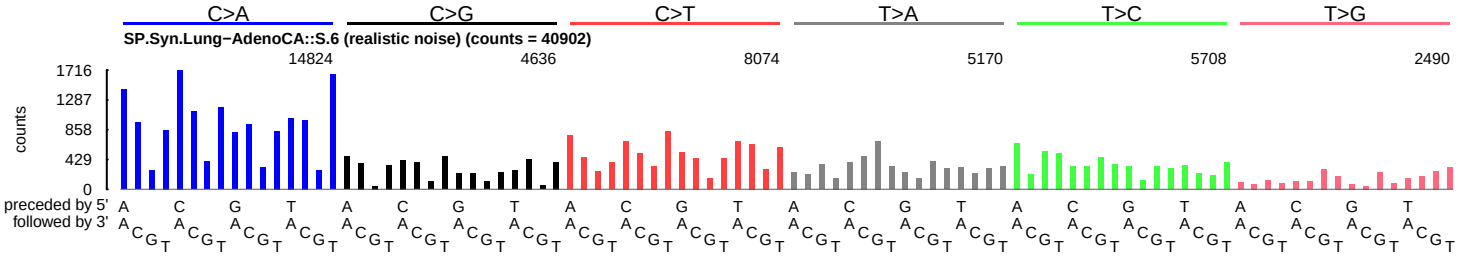

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Lung−AdenoCA::S.1 (realistic noise) (counts = 46110)
15886
5004
10516
6176
5467
3061
counts
2016
1512
1008
504
0
preceded by 5'
followed by 3'

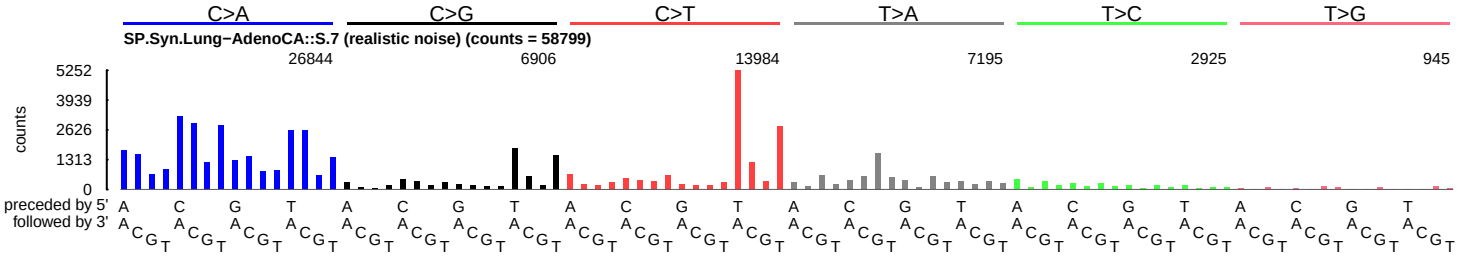

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Lung−AdenoCA::S.2 (realistic noise) (counts = 37231)
16335
4481
6404
4923
3921
1167
counts
1940
1455
970
485
0
preceded by 5'
followed by 3'

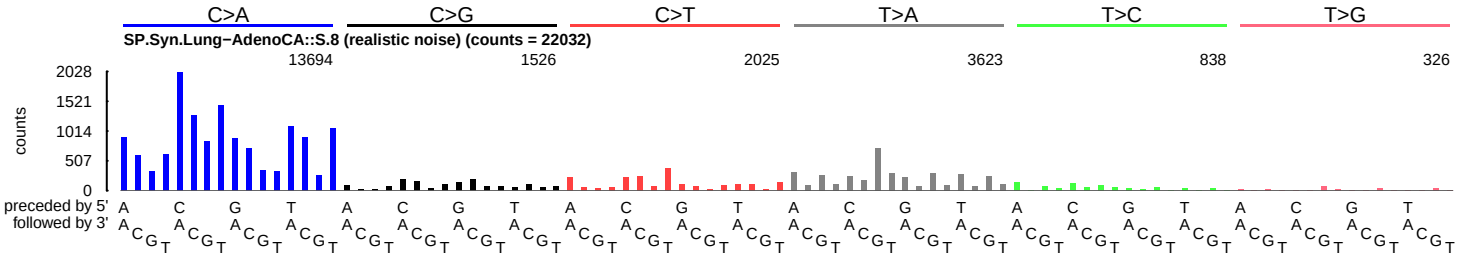

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Lung−AdenoCA::S.3 (realistic noise) (counts = 31718)
3427
3122
10246
2853
9321
2749
counts
1400
1050
700
350
0
preceded by 5'
followed by 3'

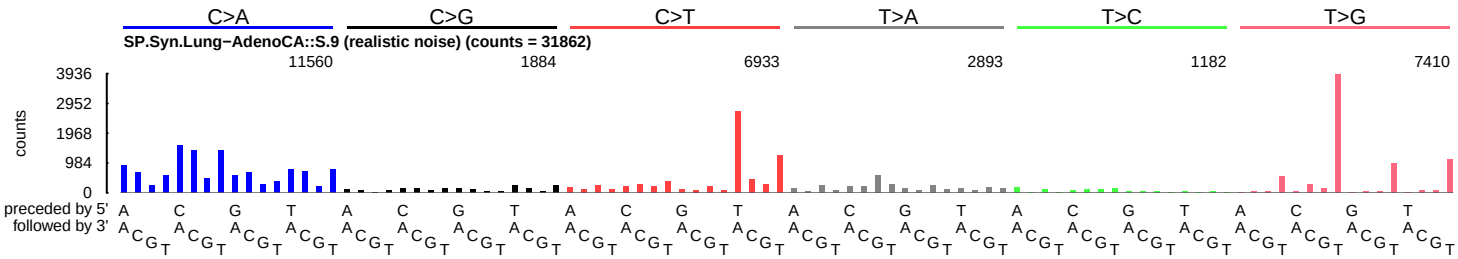

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Lung−AdenoCA::S.4 (realistic noise) (counts = 8935)
1118
1256
2784
680
2480
617
counts
356
267
178
89
0
preceded by 5'
followed by 3'

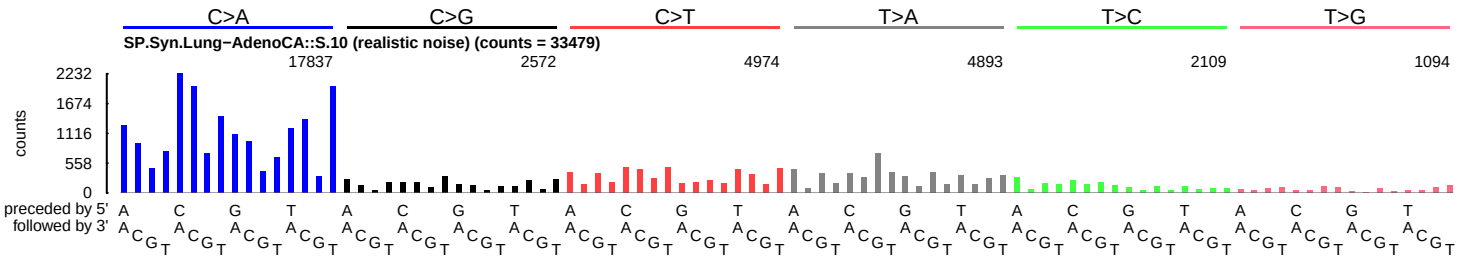

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Lung−AdenoCA::S.5 (realistic noise) (counts = 94265)
44668
12915
15492
11689
6487
3014
counts
5572
4179
2786
1393
0
preceded by 5'
followed by 3'

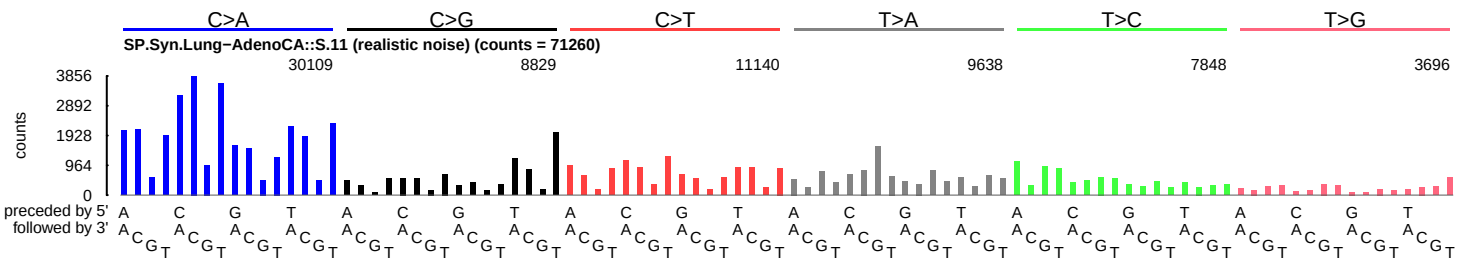

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Lung−AdenoCA::S.6 (realistic noise) (counts = 40902)
14824
4636
8074
5170
5708
2490
counts
1716
1287
858
429
0
preceded by 5'
followed by 3'

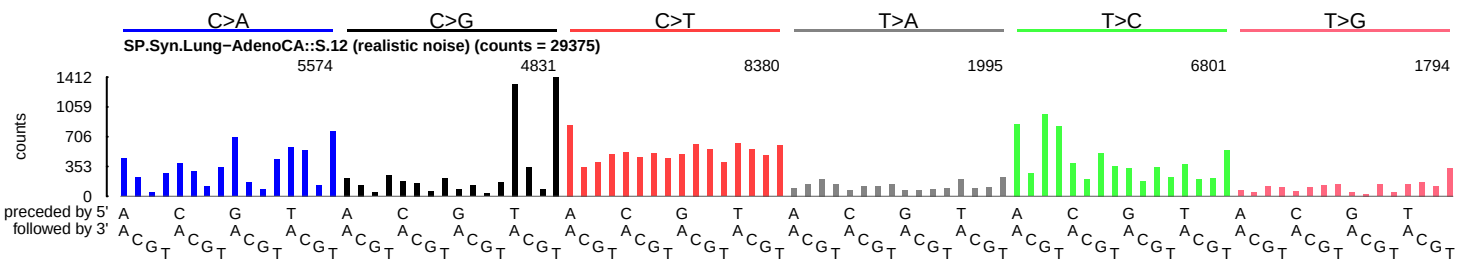

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Lung−AdenoCA::S.7 (realistic noise) (counts = 58799)
26844
6906
13984
7195
2925
945
counts
5252
3939
2626
1313
0
preceded by 5'
followed by 3'

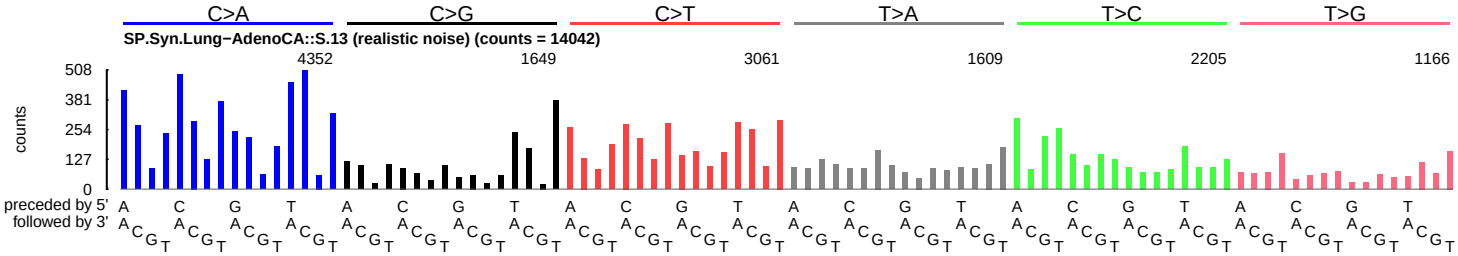

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Lung−AdenoCA::S.8 (realistic noise) (counts = 22032)
13694
1526
2025
3623
838
326
counts
2028
1521
1014
507
0
preceded by 5'
followed by 3'

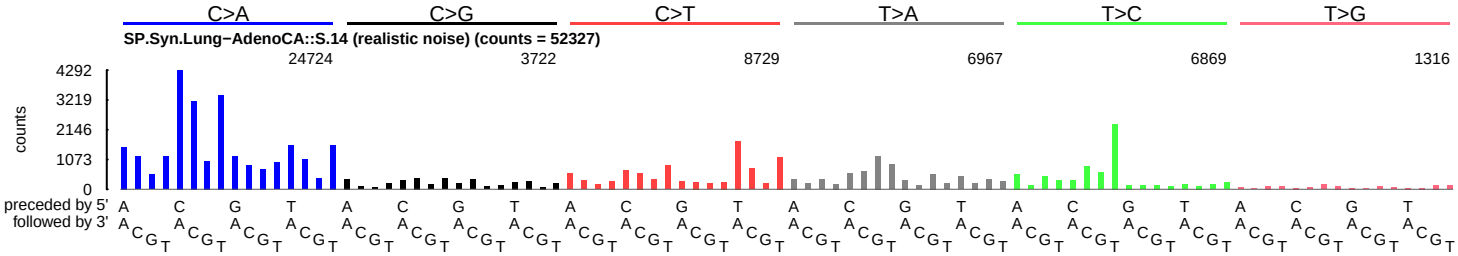

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Lung−AdenoCA::S.9 (realistic noise) (counts = 31862)
11560
1884
6933
2893
1182
7410
counts
3936
2952
1968
984
0
preceded by 5'
followed by 3'

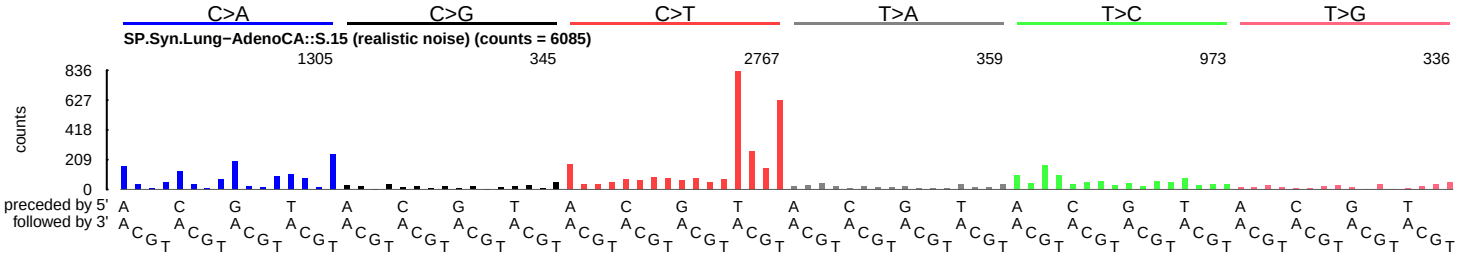

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Lung−AdenoCA::S.10 (realistic noise) (counts = 33479)
17837
2572
4974
4893
2109
1094
counts
2232
1674
1116
558
0
preceded by 5'
followed by 3'

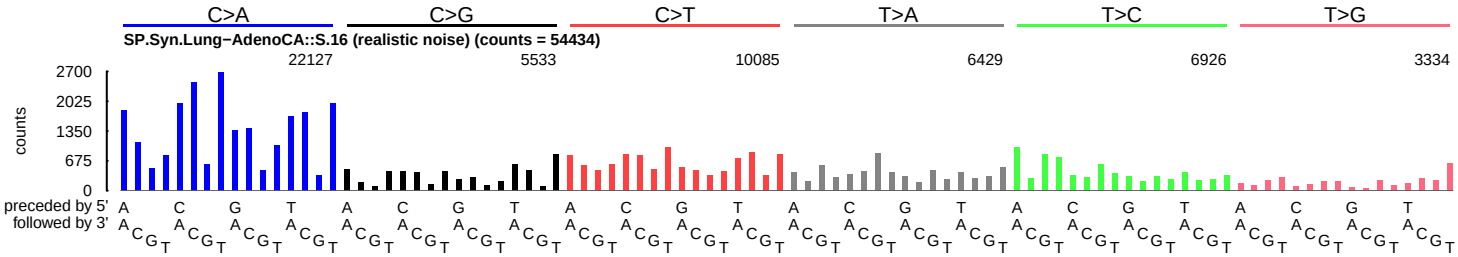

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Lung−AdenoCA::S.11 (realistic noise) (counts = 71260)
30109
8829
11140
9638
7848
3696
counts
3856
2892
1928
964
0
preceded by 5'
followed by 3'

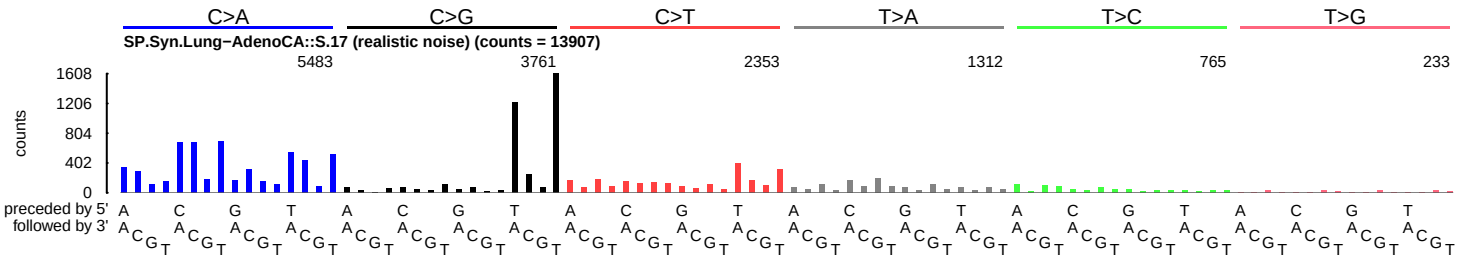

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Lung−AdenoCA::S.12 (realistic noise) (counts = 29375)
5574
4831
8380
1995
6801
1794
counts
1412
1059
706
353
0
preceded by 5'
followed by 3'

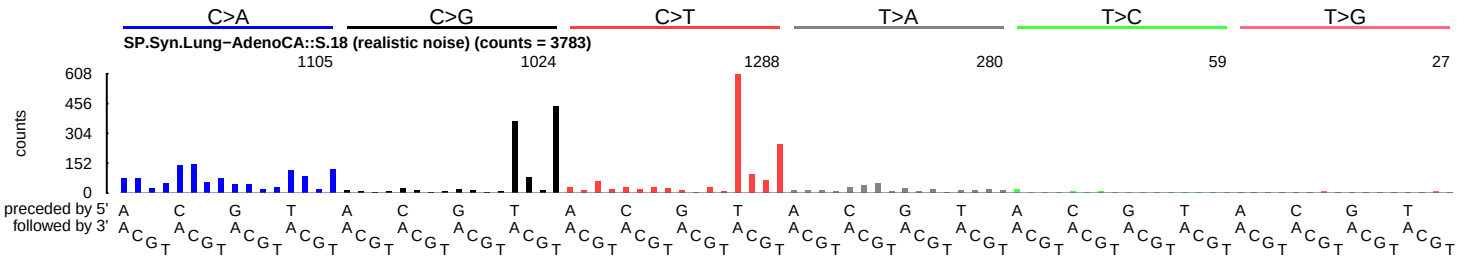

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Lung−AdenoCA::S.13 (realistic noise) (counts = 14042)
4352
1649
3061
1609
2205
1166
508
381
254
127
0
counts
preceded by 5'
followed by 3'

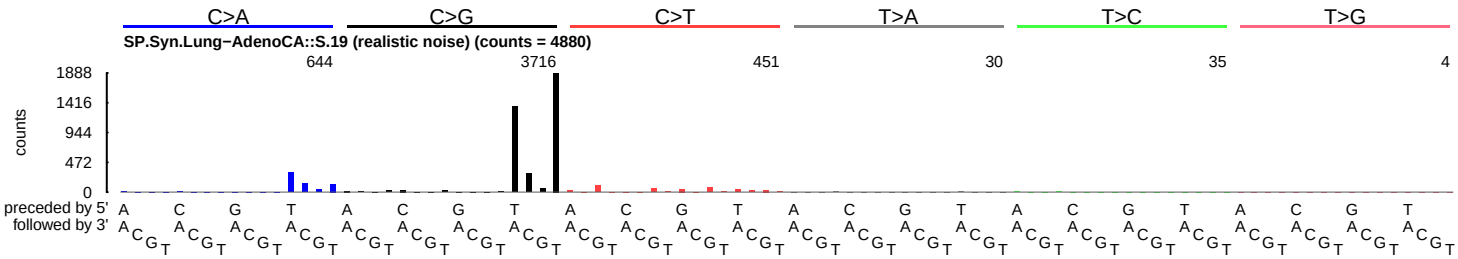

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Lung−AdenoCA::S.14 (realistic noise) (counts = 52327)
24724
3722
8729
6967
6869
1316
4292
3219
2146
1073
0
counts
preceded by 5'
followed by 3'

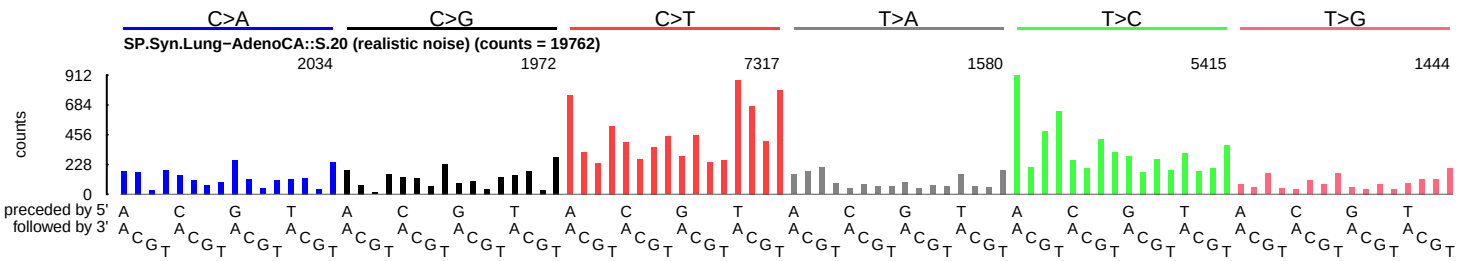

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Lung−AdenoCA::S.15 (realistic noise) (counts = 6085)
1305
345
2767
359
973
336
836
627
418
209
0
counts
preceded by 5'
followed by 3'

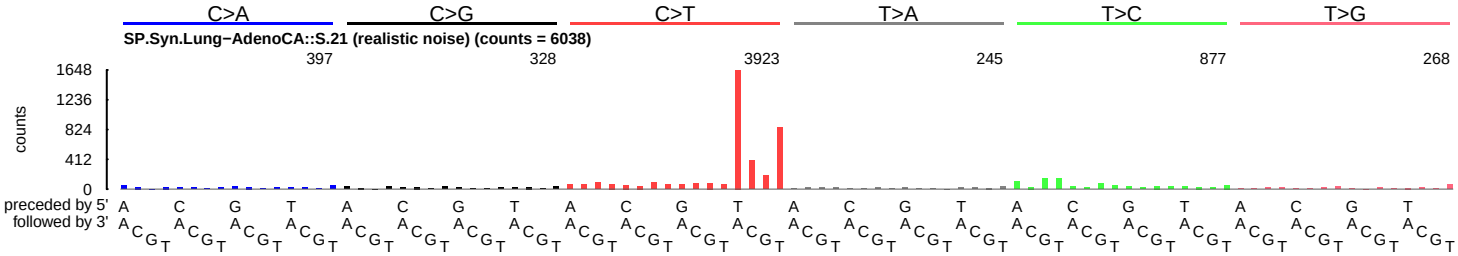

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Lung−AdenoCA::S.16 (realistic noise) (counts = 54434)
22127
5533
10085
6429
6926
3334
2700
2025
1350
675
0
counts
preceded by 5'
followed by 3'

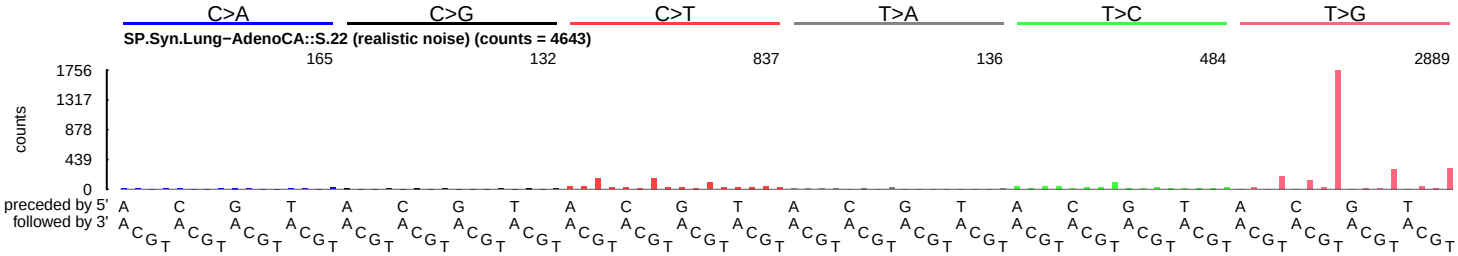

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Lung−AdenoCA::S.17 (realistic noise) (counts = 13907)
5483
3761
2353
1312
765
233
1608
1206
804
402
0
counts
preceded by 5'
followed by 3'

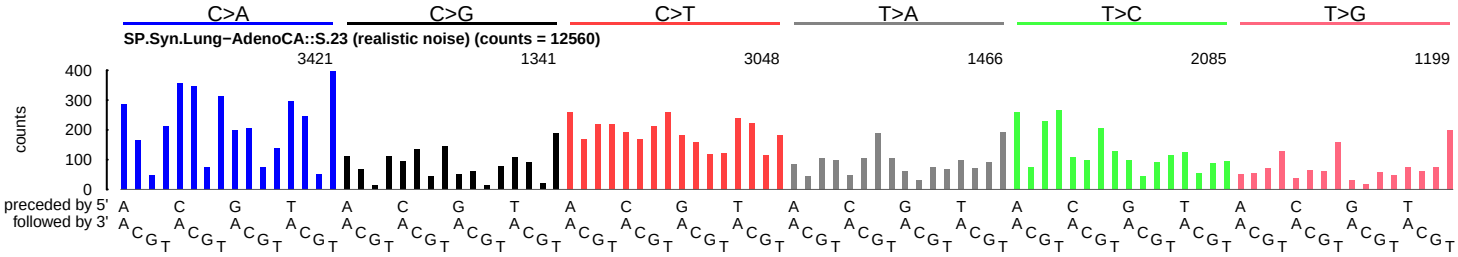

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Lung−AdenoCA::S.18 (realistic noise) (counts = 3783)
1105
1024
1288
280
59
27
608
456
304
152
0
counts
preceded by 5'
followed by 3'

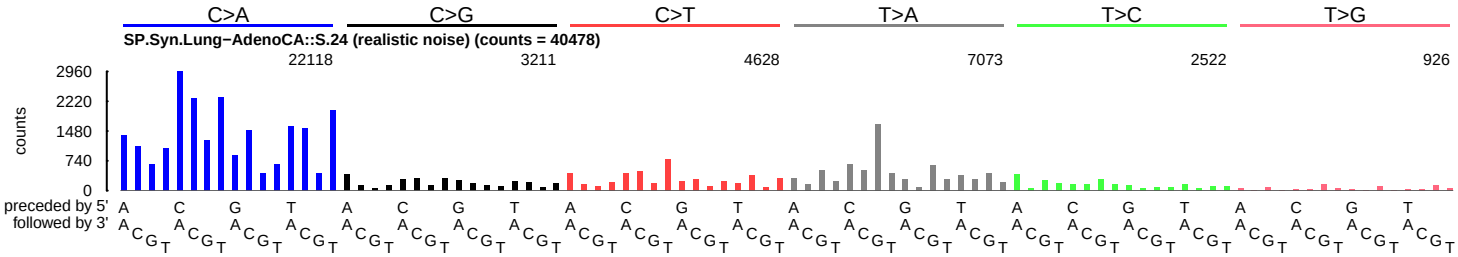

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Lung−AdenoCA::S.19 (realistic noise) (counts = 4880)
644
3716
451
30
35
4
1888
1416
944
472
0
counts
preceded by 5'
followed by 3'

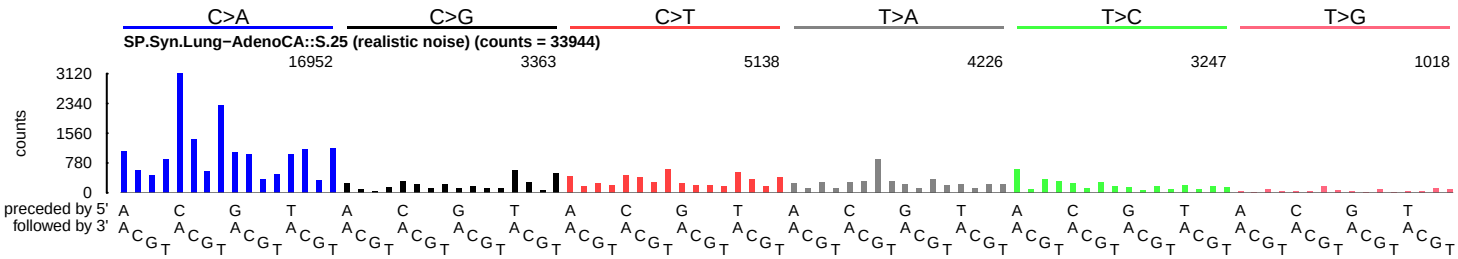

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Lung−AdenoCA::S.20 (realistic noise) (counts = 19762)
2034
1972
7317
1580
5415
1444
912
684
456
228
0
counts
preceded by 5'
followed by 3'

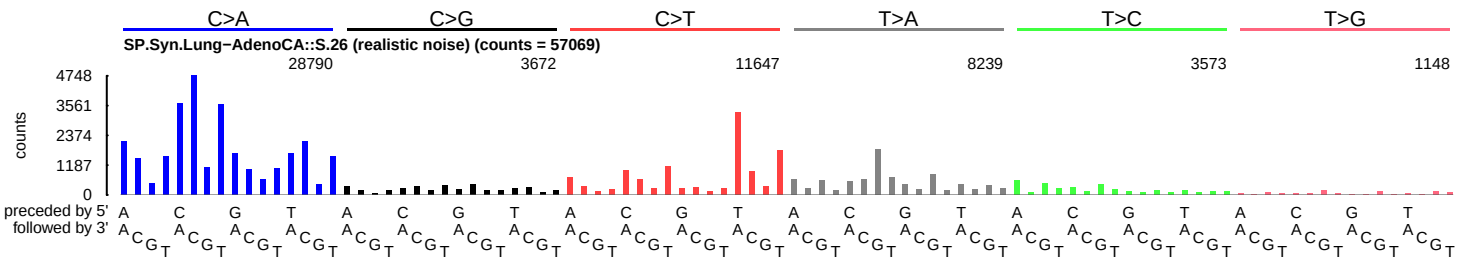

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Lung−AdenoCA::S.21 (realistic noise) (counts = 6038)
397
328
3923
245
877
268
counts
1648
1236
824
412
0
preceded by 5'
followed by 3'

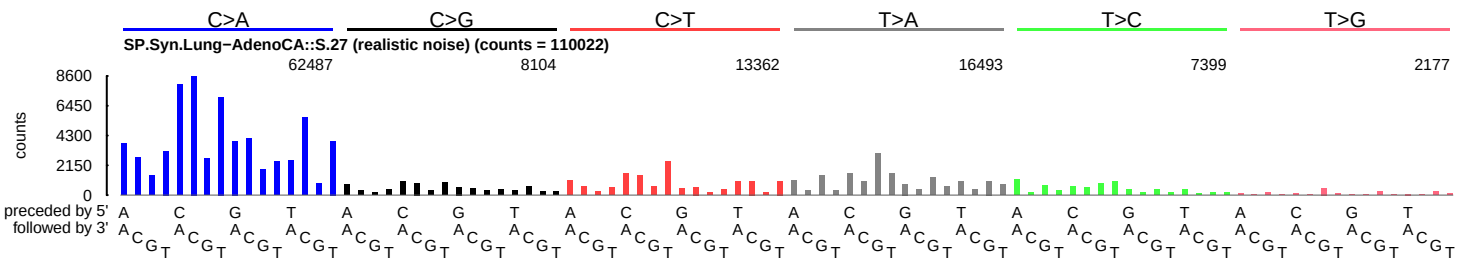

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Lung−AdenoCA::S.22 (realistic noise) (counts = 4643)
165
132
837
136
484
2889
counts
1756
1317
878
439
0
preceded by 5'
followed by 3'

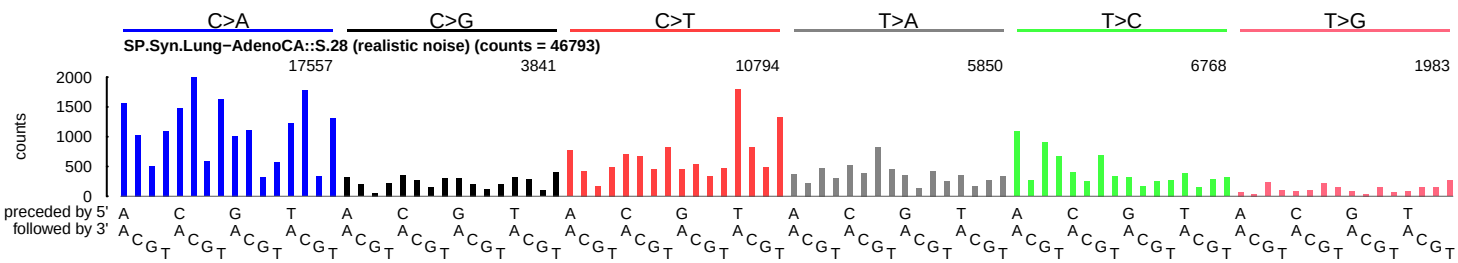

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Lung−AdenoCA::S.23 (realistic noise) (counts = 12560)
3421
1341
3048
1466
2085
1199
counts
400
300
200
100
0
preceded by 5'
followed by 3'

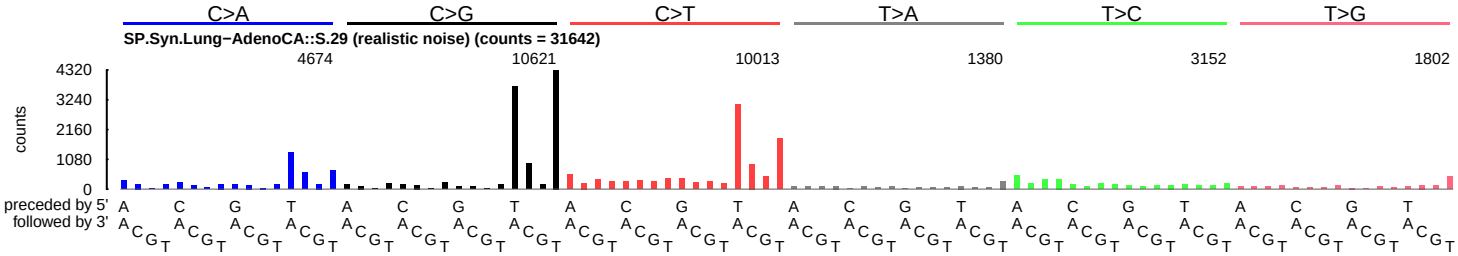

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Lung−AdenoCA::S.24 (realistic noise) (counts = 40478)
22118
3211
4628
7073
2522
926
counts
2960
2220
1480
740
0
preceded by 5'
followed by 3'

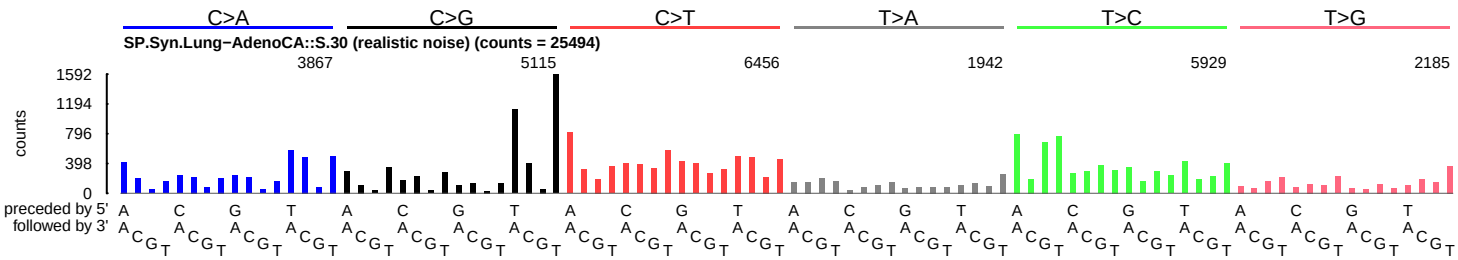

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Lung−AdenoCA::S.25 (realistic noise) (counts = 33944)
16952
3363
5138
4226
3247
1018
counts
3120
2340
1560
780
0
preceded by 5'
followed by 3'

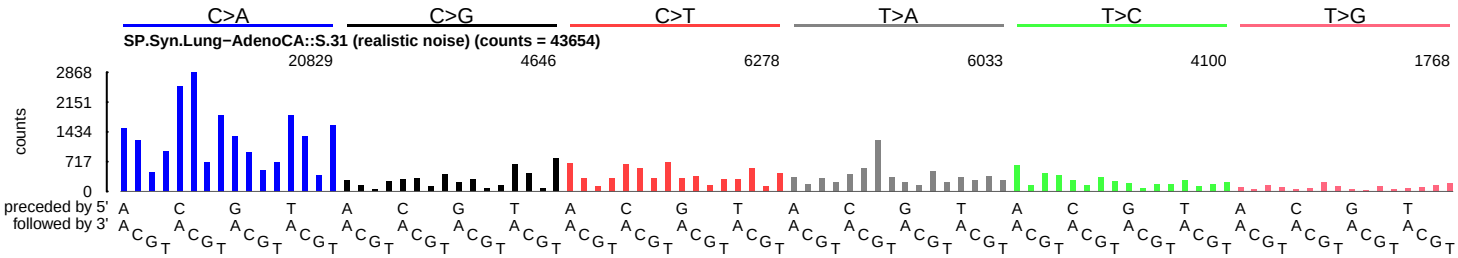

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Lung−AdenoCA::S.26 (realistic noise) (counts = 57069)
28790
3672
11647
8239
3573
1148
counts
4748
3561
2374
1187
0
preceded by 5'
followed by 3'

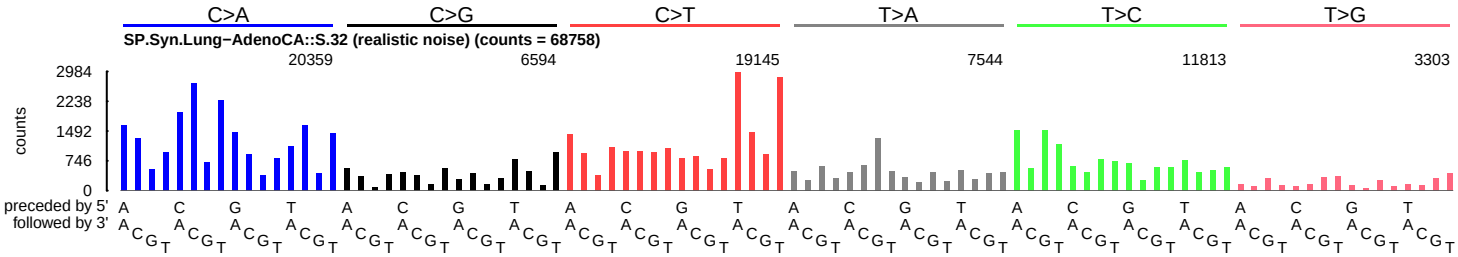

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Lung−AdenoCA::S.27 (realistic noise) (counts = 110022)
62487
8104
13362
16493
7399
2177
counts
8600
6450
4300
2150
0
preceded by 5'
followed by 3'

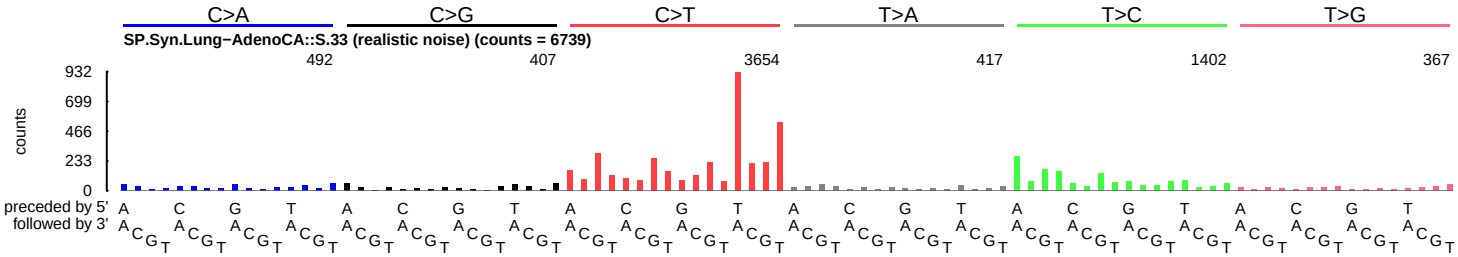

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Lung−AdenoCA::S.28 (realistic noise) (counts = 46793)
17557
3841
10794
5850
6768
1983
counts
2000
1500
1000
500
0
preceded by 5'
followed by 3'

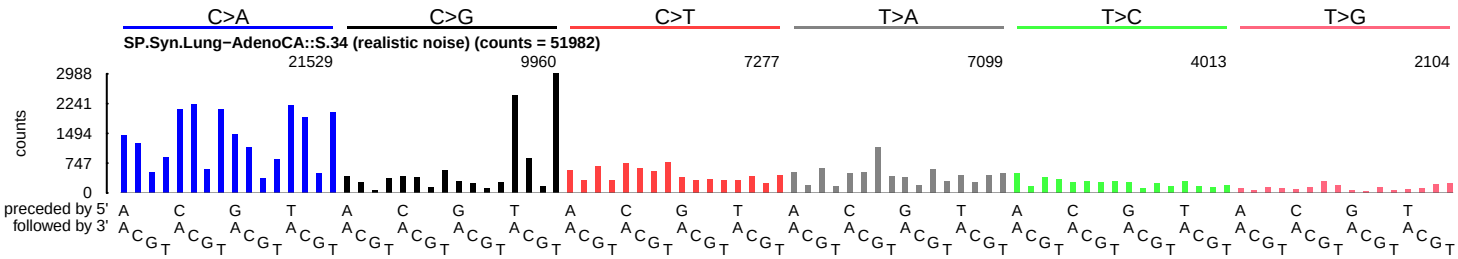

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Lung−AdenoCA::S.29 (realistic noise) (counts = 31642)
4674
10621
10013
1380
3152
1802
counts
4320
3240
2160
1080
0
preceded by 5'
followed by 3'

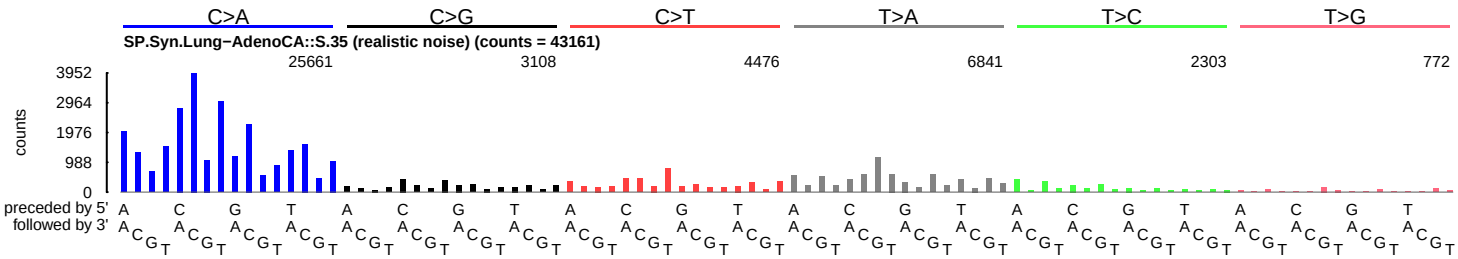

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Lung−AdenoCA::S.30 (realistic noise) (counts = 25494)
3867
5115
6456
1942
5929
2185
counts
1592
1194
796
398
0
preceded by 5'
followed by 3'

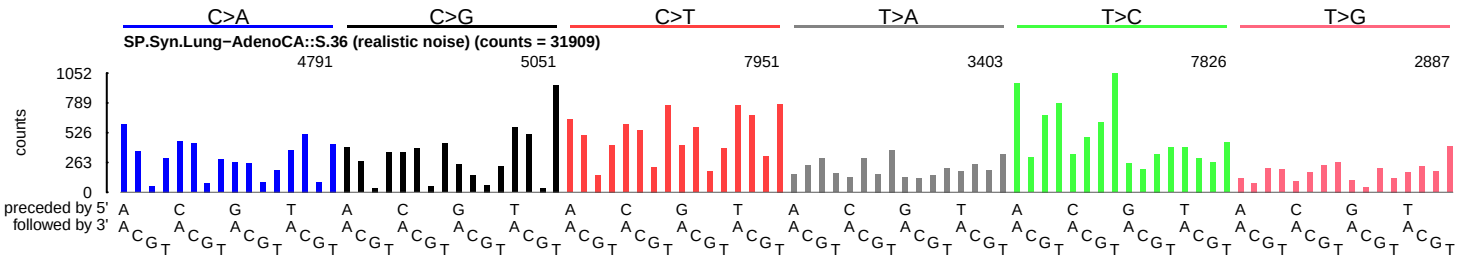

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Lung−AdenoCA::S.31 (realistic noise) (counts = 43654)
20829
4646
6278
6033
4100
1768
counts
2868
2151
1434
717
0
preceded by 5'
followed by 3'

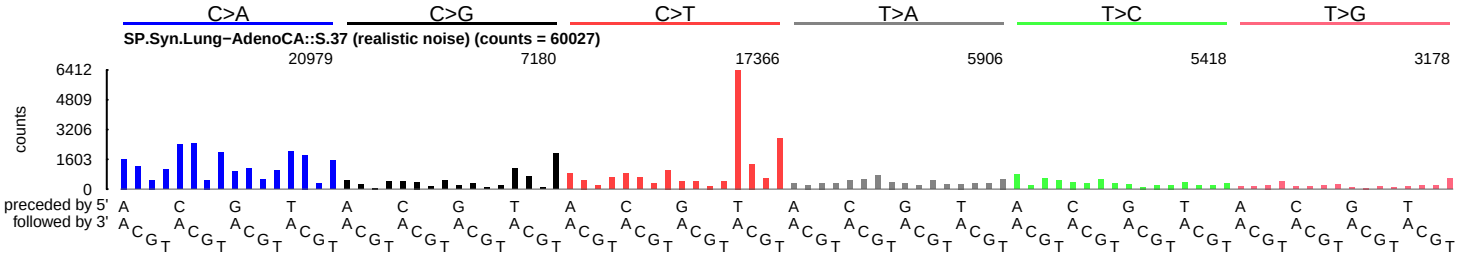

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Lung−AdenoCA::S.32 (realistic noise) (counts = 68758)
20359
6594
19145
7544
11813
3303
counts
2984
2238
1492
746
0
preceded by 5'
followed by 3'

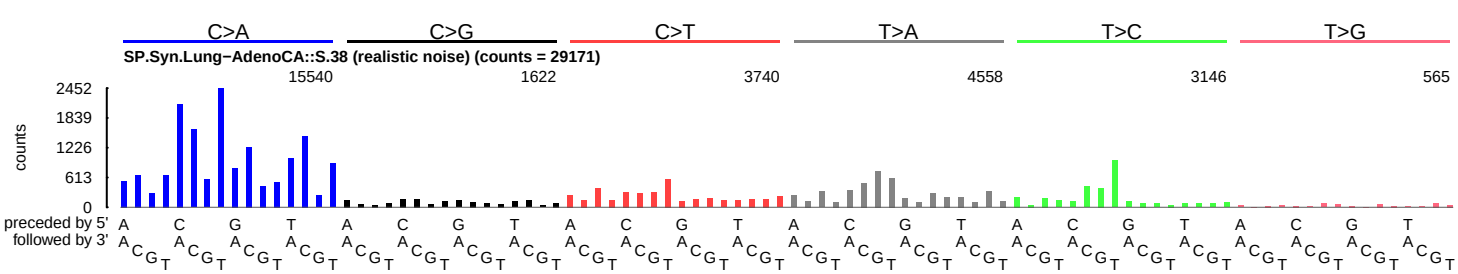

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Lung−AdenoCA::S.33 (realistic noise) (counts = 6739)
492
407
3654
417
1402
367
counts
932
699
466
233
0
preceded by 5'
followed by 3'

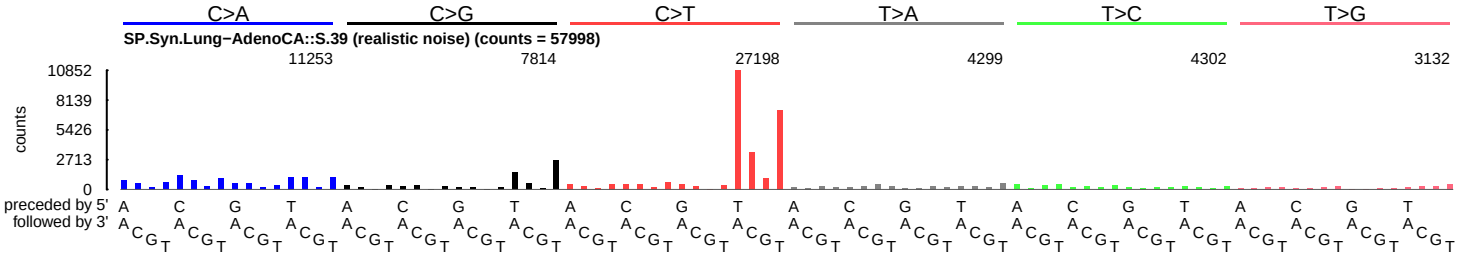

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Lung−AdenoCA::S.34 (realistic noise) (counts = 51982)
21529
9960
7277
7099
4013
2104
counts
2988
2241
1494
747
0
preceded by 5'
followed by 3'

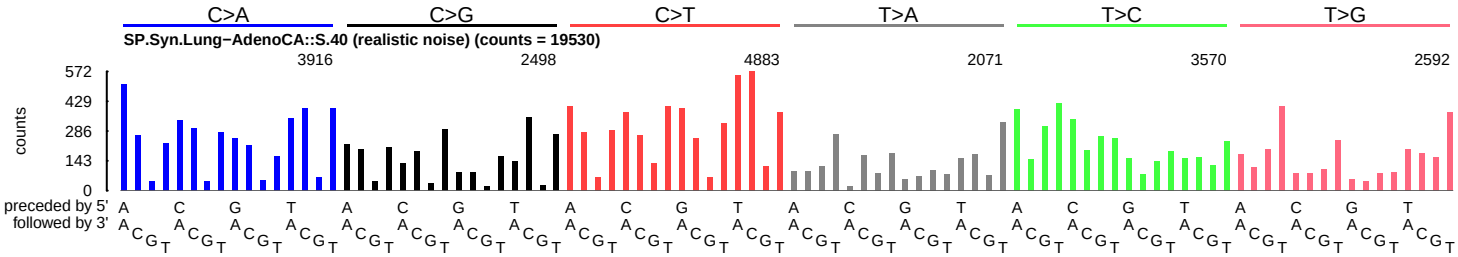

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Lung−AdenoCA::S.35 (realistic noise) (counts = 43161)
25661
3108
4476
6841
2303
772
counts
3952
2964
1976
988
0
preceded by 5'
followed by 3'

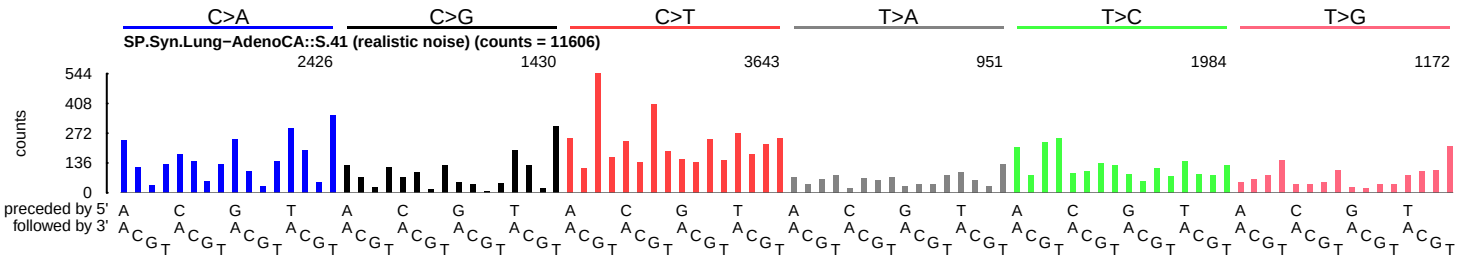

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Lung−AdenoCA::S.36 (realistic noise) (counts = 31909)
4791
5051
7951
3403
7826
2887
counts
1052
789
526
263
0
preceded by 5'
followed by 3'

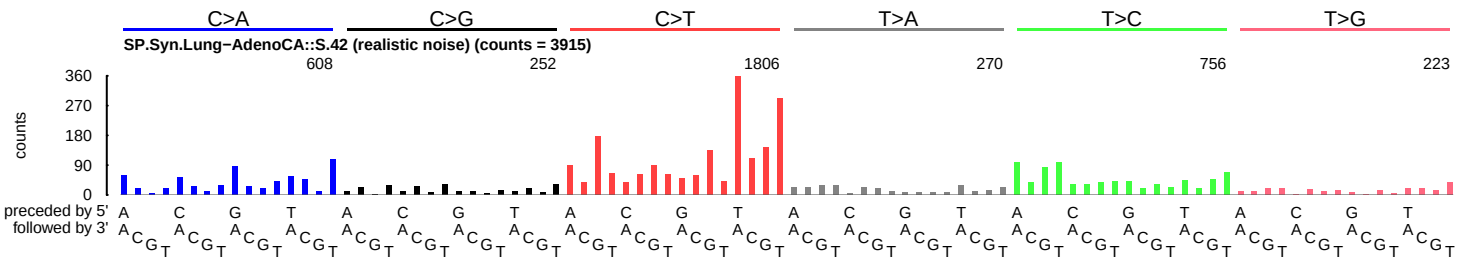

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Lung−AdenoCA::S.37 (realistic noise) (counts = 60027)
20979
7180
17366
5906
5418
3178
6412
4809
3206
1603
0
counts
preceded by 5'
followed by 3'

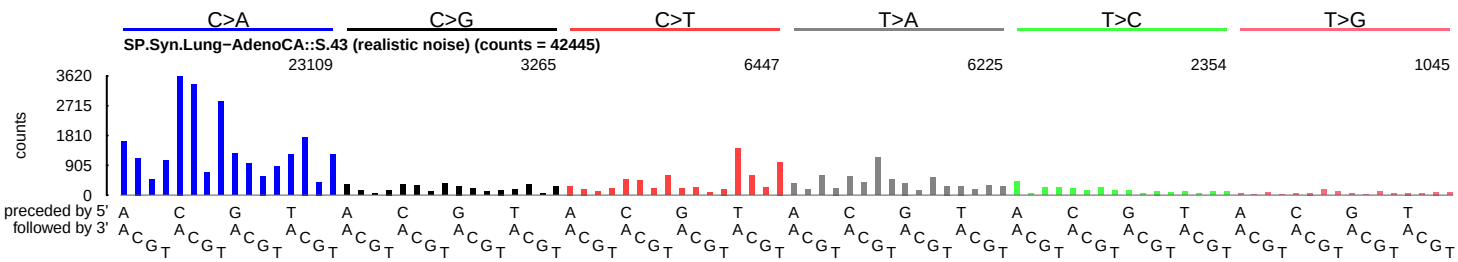

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Lung−AdenoCA::S.38 (realistic noise) (counts = 29171)
15540
1622
3740
4558
3146
565
2452
1839
1226
613
0
counts
preceded by 5'
followed by 3'

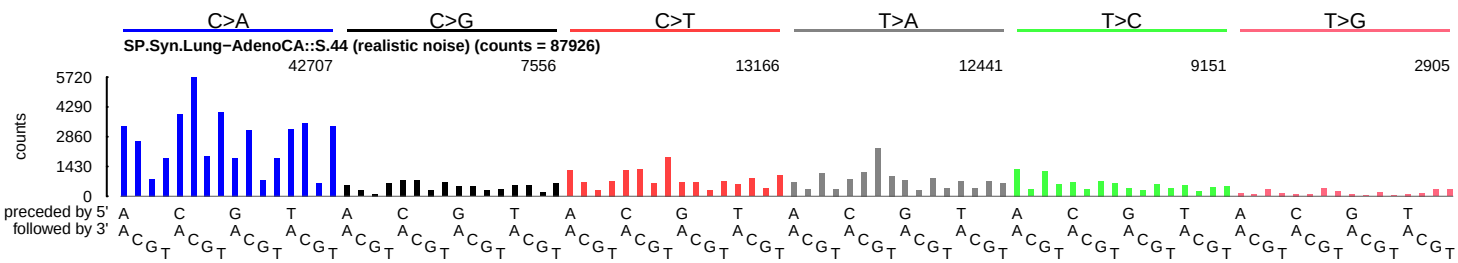

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Lung−AdenoCA::S.39 (realistic noise) (counts = 57998)
11253
7814
27198
4299
4302
3132
10852
8139
5426
2713
0
counts
preceded by 5'
followed by 3'

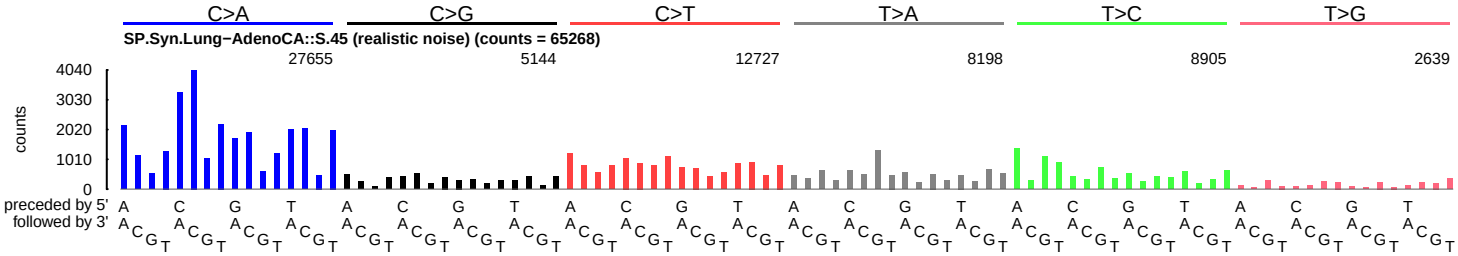

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Lung−AdenoCA::S.40 (realistic noise) (counts = 19530)
3916
2498
4883
2071
3570
2592
572
429
286
143
0
counts
preceded by 5'
followed by 3'

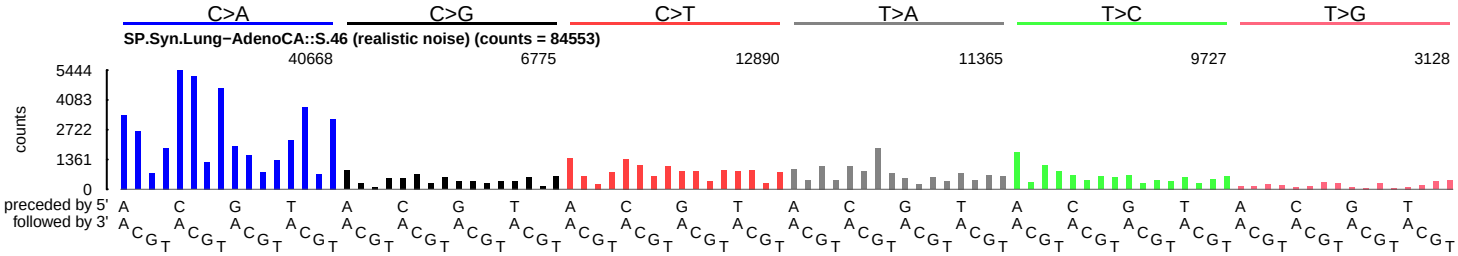

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Lung−AdenoCA::S.41 (realistic noise) (counts = 11606)
2426
1430
3643
951
1984
1172
544
408
272
136
0
counts
preceded by 5'
followed by 3'

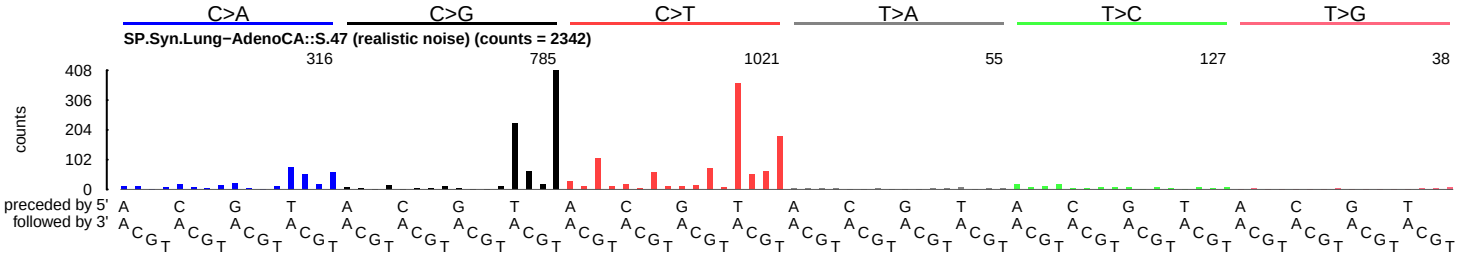

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Lung−AdenoCA::S.42 (realistic noise) (counts = 3915)
608
252
1806
270
756
223
360
270
180
90
0
counts
preceded by 5'
followed by 3'

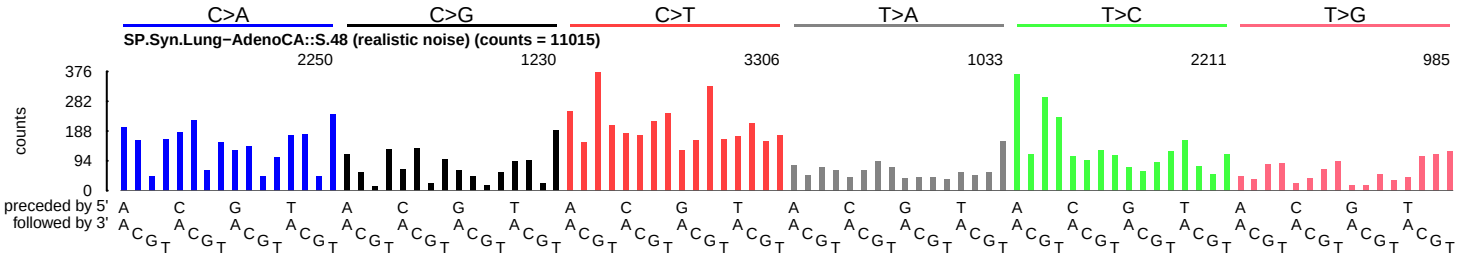

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Lung−AdenoCA::S.43 (realistic noise) (counts = 42445)
23109
3265
6447
6225
2354
1045
3620
2715
1810
905
0
counts
preceded by 5'
followed by 3'

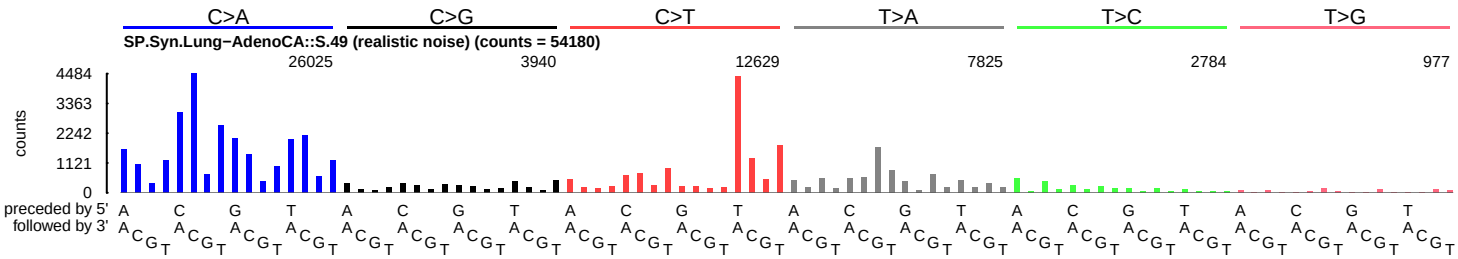

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Lung−AdenoCA::S.44 (realistic noise) (counts = 87926)
42707
7556
13166
12441
9151
2905
5720
4290
2860
1430
0
counts
preceded by 5'
followed by 3'

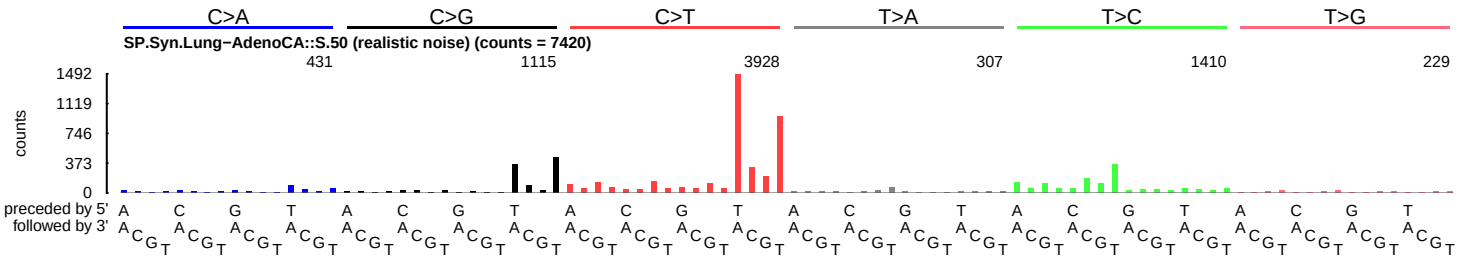

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Lung−AdenoCA::S.45 (realistic noise) (counts = 65268)
27655
5144
12727
8198
8905
2639
counts
4040
3030
2020
1010
0
preceded by 5'
followed by 3'

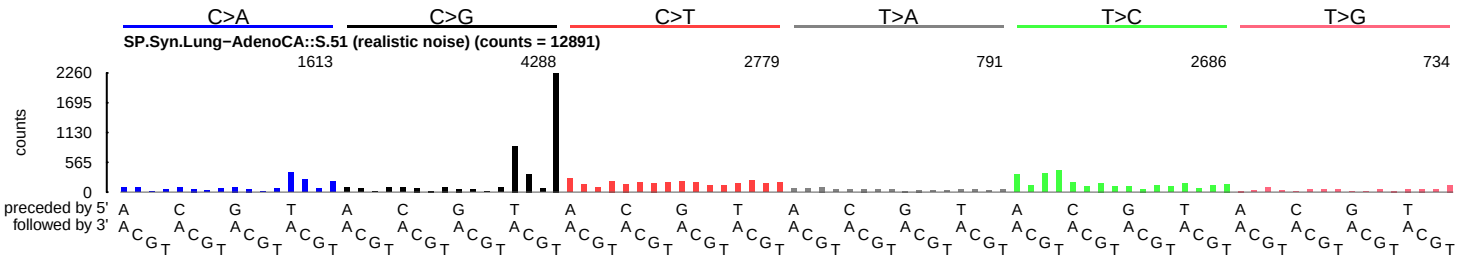

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Lung−AdenoCA::S.46 (realistic noise) (counts = 84553)
40668
6775
12890
11365
9727
3128
counts
5444
4083
2722
1361
0
preceded by 5'
followed by 3'

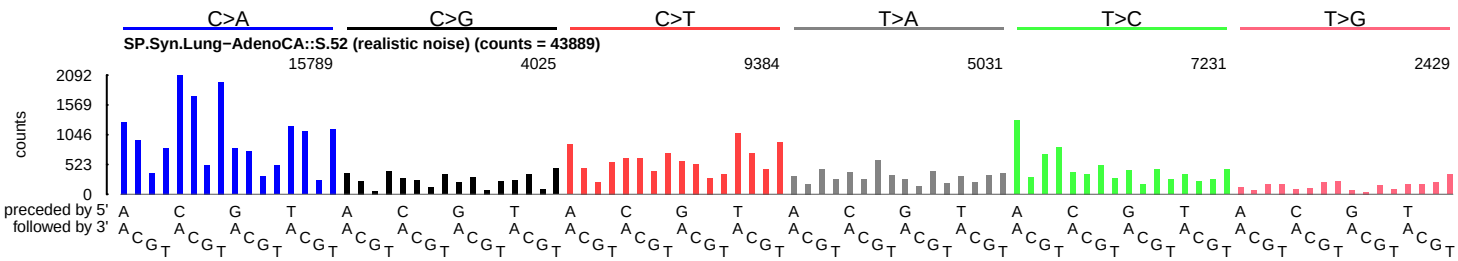

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Lung−AdenoCA::S.47 (realistic noise) (counts = 2342)
316
785
1021
55
127
38
counts
408
306
204
102
0
preceded by 5'
followed by 3'

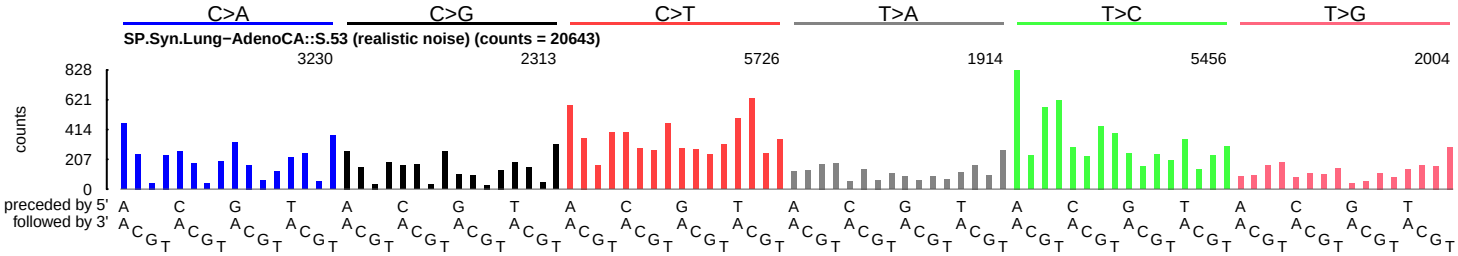

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Lung−AdenoCA::S.48 (realistic noise) (counts = 11015)
2250
1230
3306
1033
2211
985
counts
376
282
188
94
0
preceded by 5'
followed by 3'

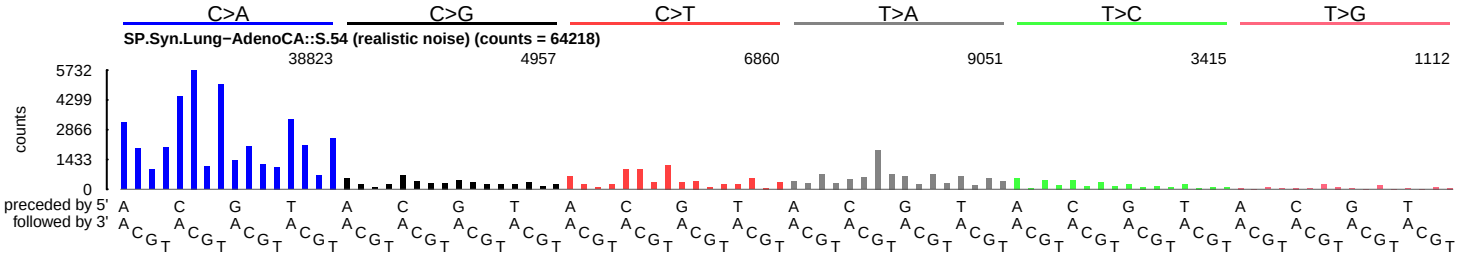

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Lung−AdenoCA::S.49 (realistic noise) (counts = 54180)
26025
3940
12629
7825
2784
977
counts
4484
3363
2242
1121
0
preceded by 5'
followed by 3'

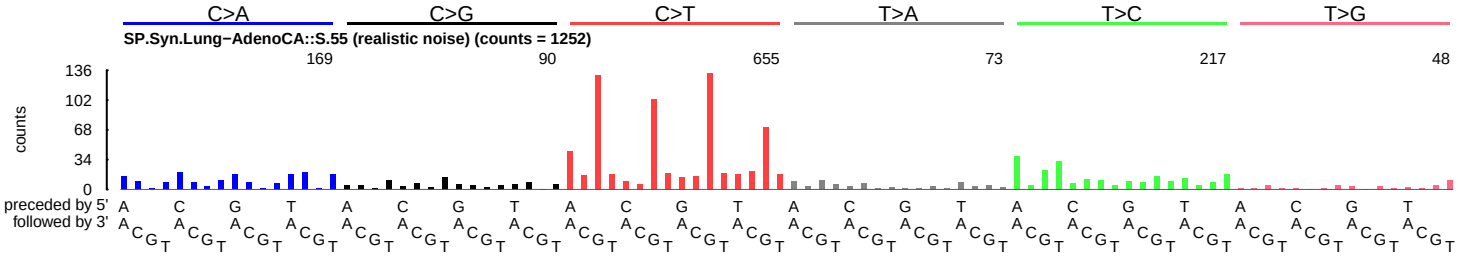

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Lung−AdenoCA::S.50 (realistic noise) (counts = 7420)
431
1115
3928
307
1410
229
counts
1492
1119
746
373
0
preceded by 5'
followed by 3'

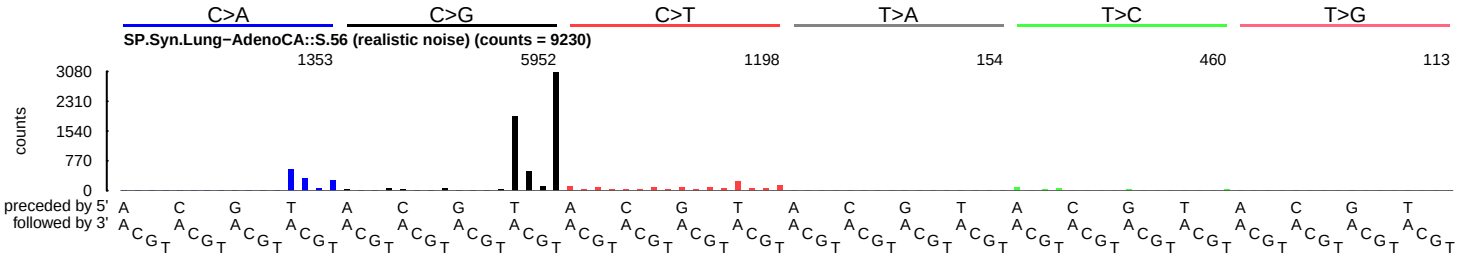

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Lung−AdenoCA::S.51 (realistic noise) (counts = 12891)
1613
4288
2779
791
2686
734
counts
2260
1695
1130
565
0
preceded by 5'
followed by 3'

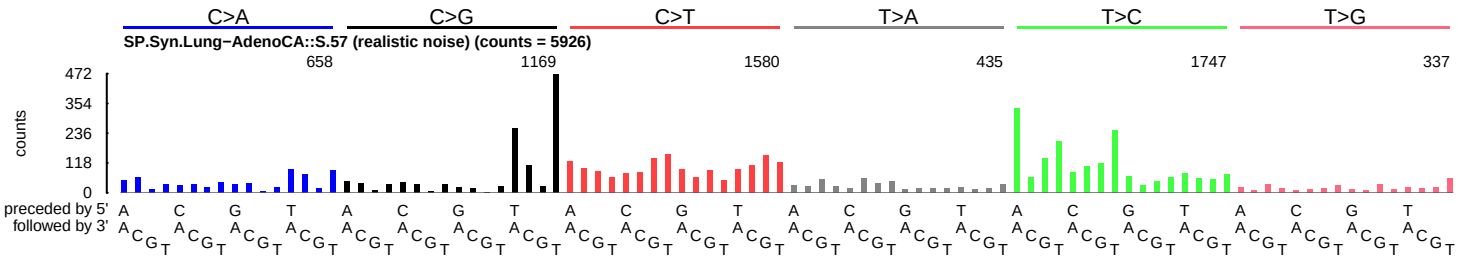

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Lung−AdenoCA::S.52 (realistic noise) (counts = 43889)
15789
4025
9384
5031
7231
2429
counts
2092
1569
1046
523
0
preceded by 5'
followed by 3'

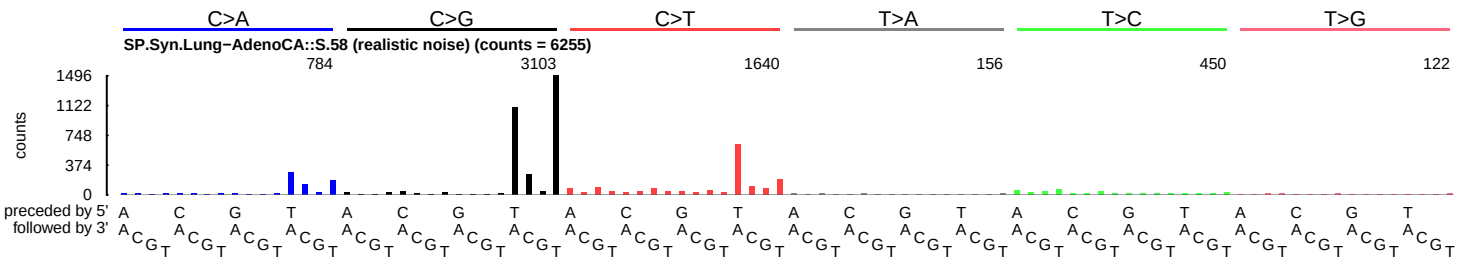

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Lung−AdenoCA::S.53 (realistic noise) (counts = 20643)
3230
2313
5726
1914
5456
2004
828
621
414
207
0
counts
preceded by 5'
followed by 3'

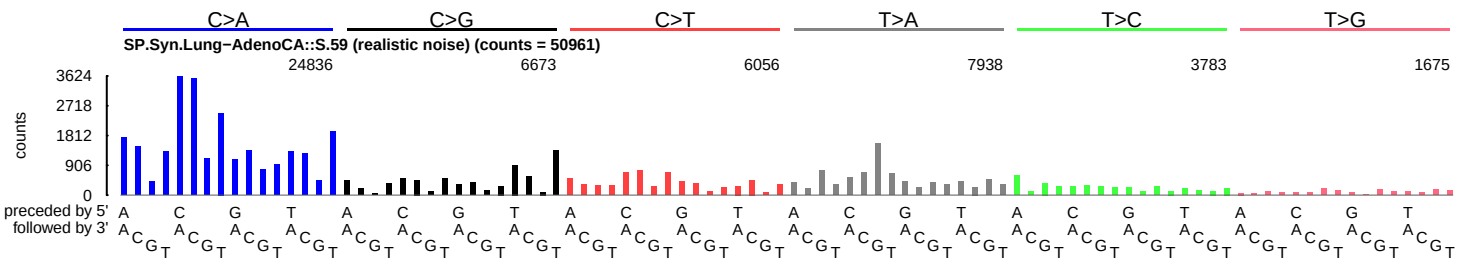

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Lung−AdenoCA::S.54 (realistic noise) (counts = 64218)
38823
4957
6860
9051
3415
1112
5732
4299
2866
1433
0
counts
preceded by 5'
followed by 3'

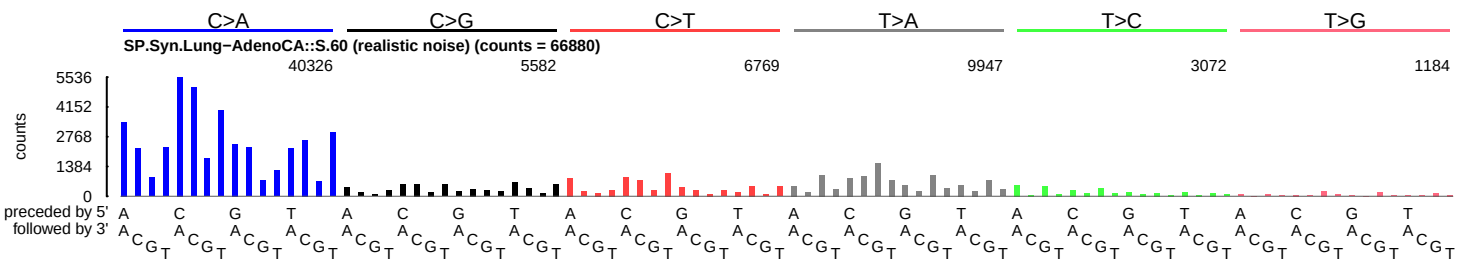

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Lung−AdenoCA::S.55 (realistic noise) (counts = 1252)
169
90
655
73
217
48
136
102
68
34
0
counts
preceded by 5'
followed by 3'

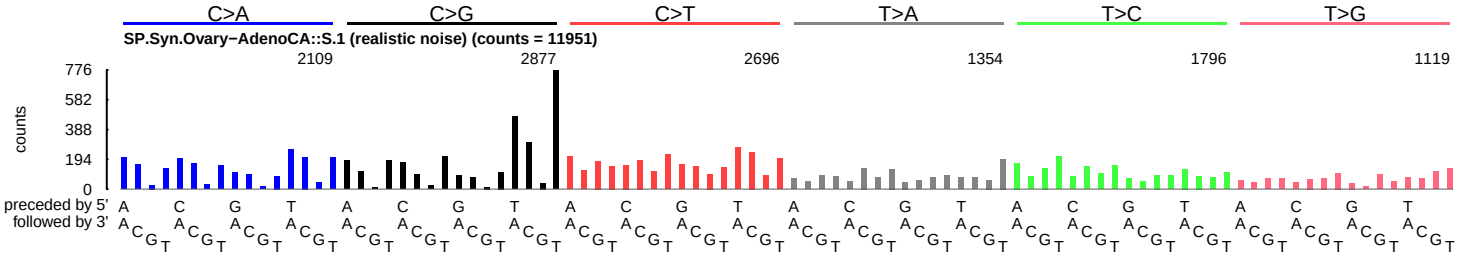

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Lung−AdenoCA::S.56 (realistic noise) (counts = 9230)
1353
5952
1198
154
460
113
3080
2310
1540
770
0
counts
preceded by 5'
followed by 3'

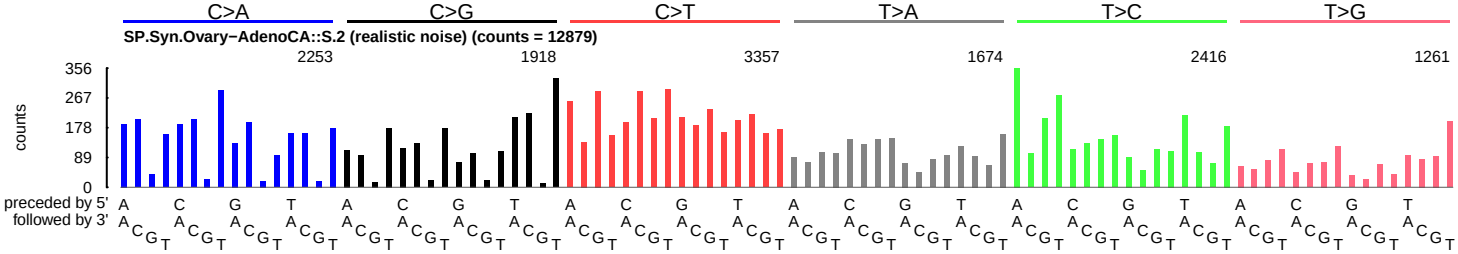

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Lung−AdenoCA::S.57 (realistic noise) (counts = 5926)
658
1169
1580
435
1747
337
472
354
236
118
0
counts
preceded by 5'
followed by 3'

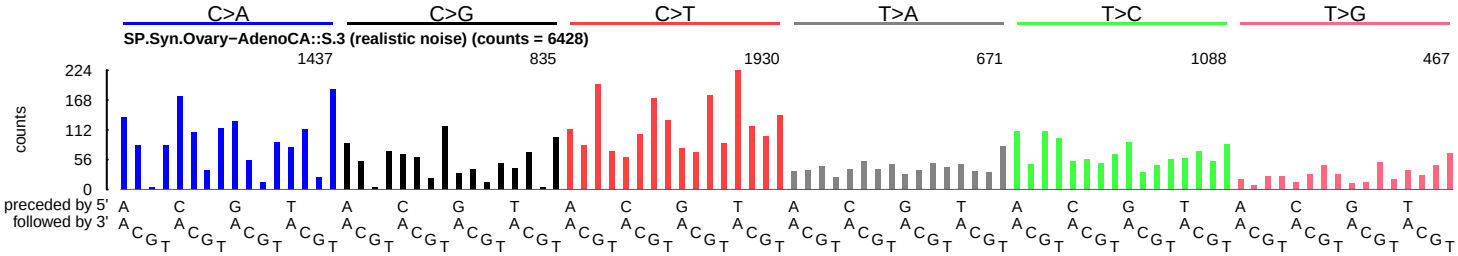

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Lung−AdenoCA::S.58 (realistic noise) (counts = 6255)
784
3103
1640
156
450
122
1496
1122
748
374
0
counts
preceded by 5'
followed by 3'

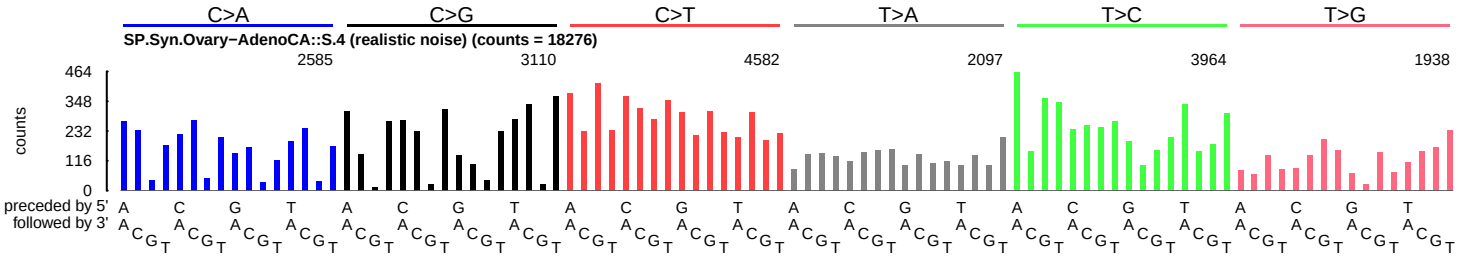

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Lung−AdenoCA::S.59 (realistic noise) (counts = 50961)
24836
6673
6056
7938
3783
1675
3624
2718
1812
906
0
counts
preceded by 5'
followed by 3'

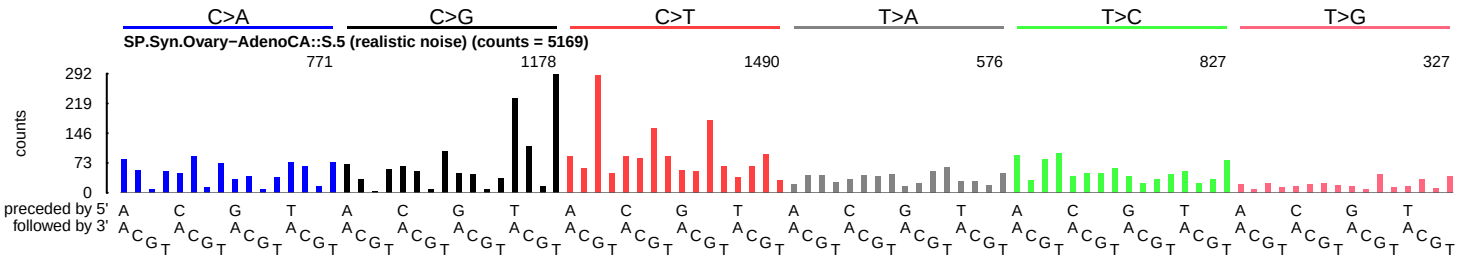

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Lung−AdenoCA::S.60 (realistic noise) (counts = 66880)
40326
5582
6769
9947
3072
1184
5536
4152
2768
1384
0
counts
preceded by 5'
followed by 3'

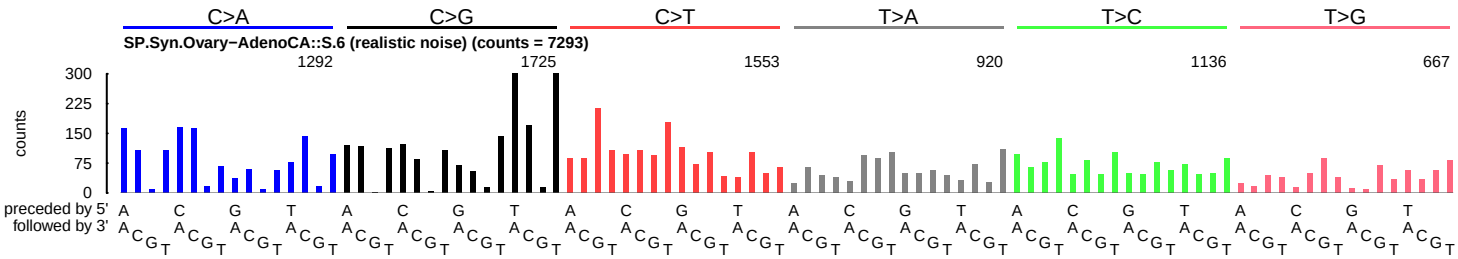

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Ovary−AdenoCA::S.1 (realistic noise) (counts = 11951)
2109
2877
2696
1354
1796
1119
counts
776
582
388
194
0
preceded by 5'
followed by 3'

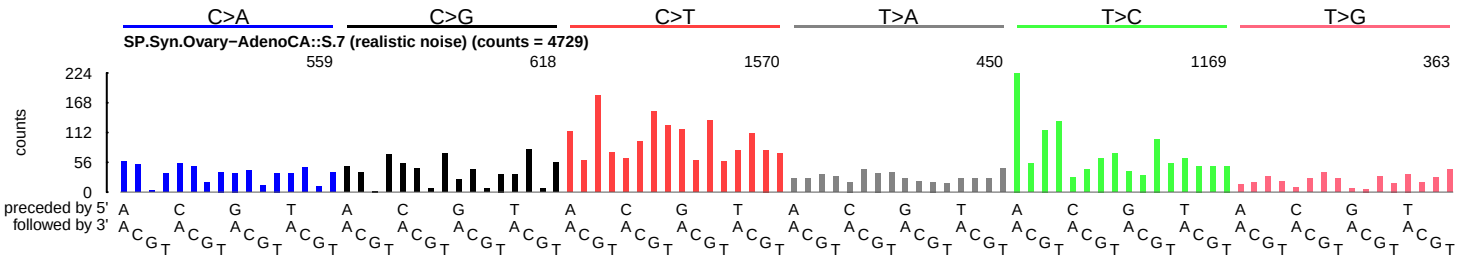

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Ovary−AdenoCA::S.2 (realistic noise) (counts = 12879)
2253
1918
3357
1674
2416
1261
counts
356
267
178
89
0
preceded by 5'
followed by 3'

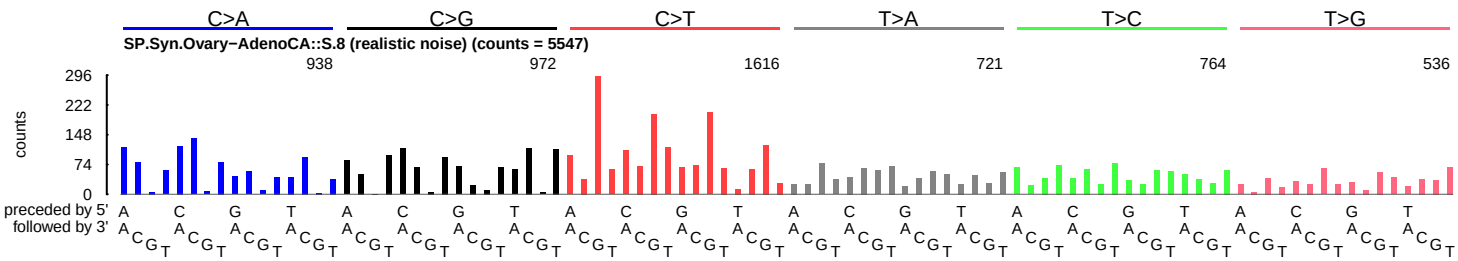

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Ovary−AdenoCA::S.3 (realistic noise) (counts = 6428)
1437
835
1930
671
1088
467
counts
224
168
112
56
0
preceded by 5'
followed by 3'

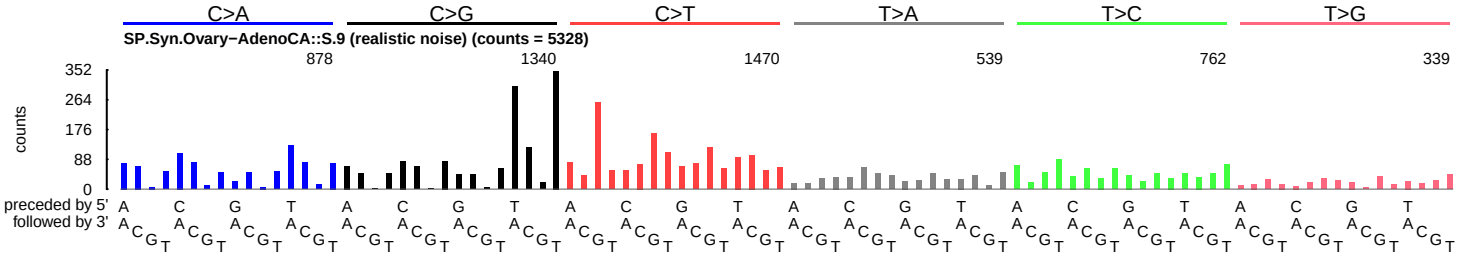

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Ovary−AdenoCA::S.4 (realistic noise) (counts = 18276)
2585
3110
4582
2097
3964
1938
counts
464
348
232
116
0
preceded by 5'
followed by 3'

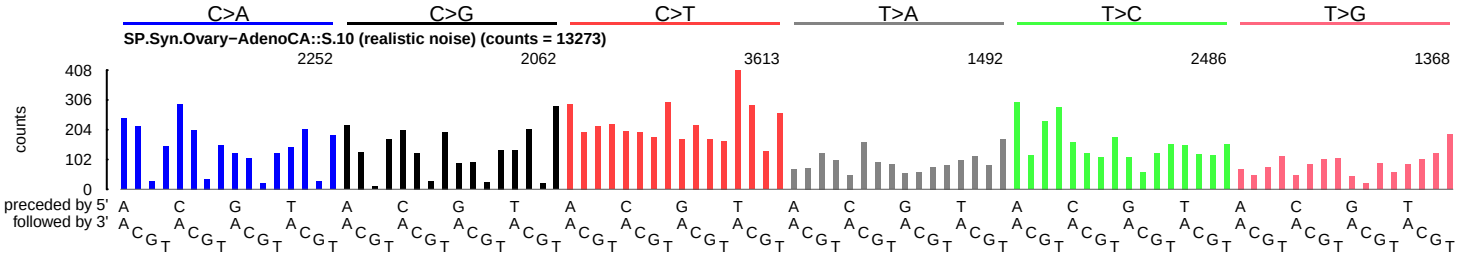

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Ovary−AdenoCA::S.5 (realistic noise) (counts = 5169)
771
1178
1490
576
827
327
counts
292
219
146
73
0
preceded by 5'
followed by 3'

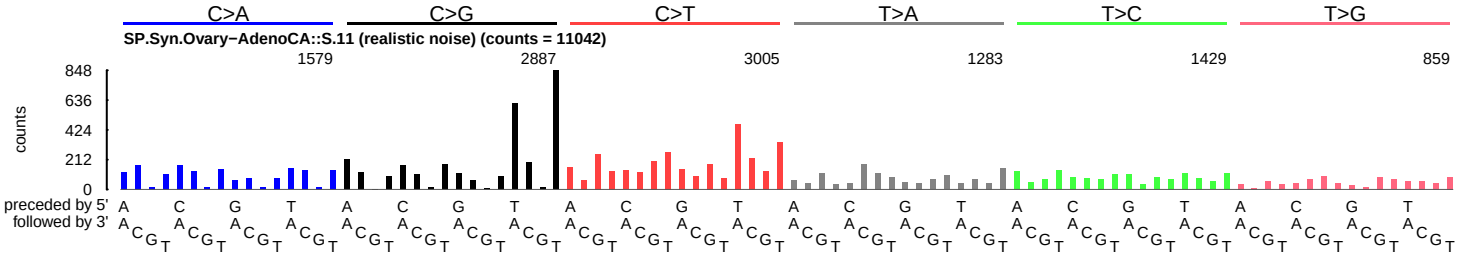

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Ovary−AdenoCA::S.6 (realistic noise) (counts = 7293)
1292
1725
1553
920
1136
667
counts
300
225
150
75
0
preceded by 5'
followed by 3'

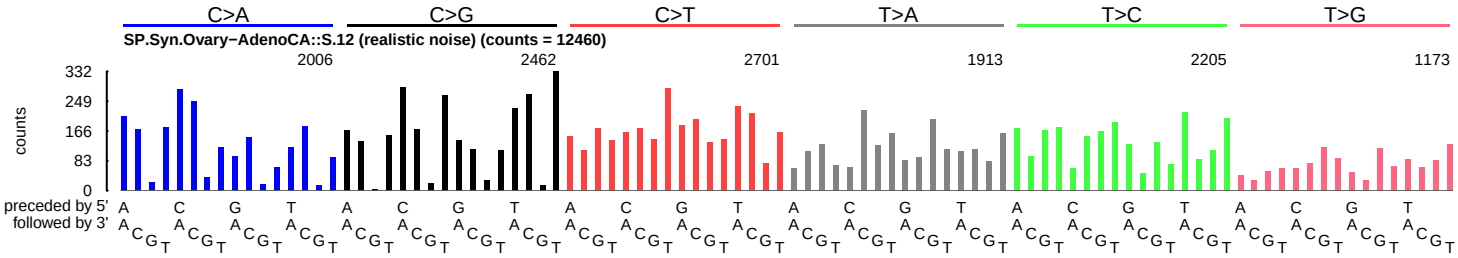

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Ovary−AdenoCA::S.7 (realistic noise) (counts = 4729)
559
618
1570
450
1169
363
counts
224
168
112
56
0
preceded by 5'
followed by 3'

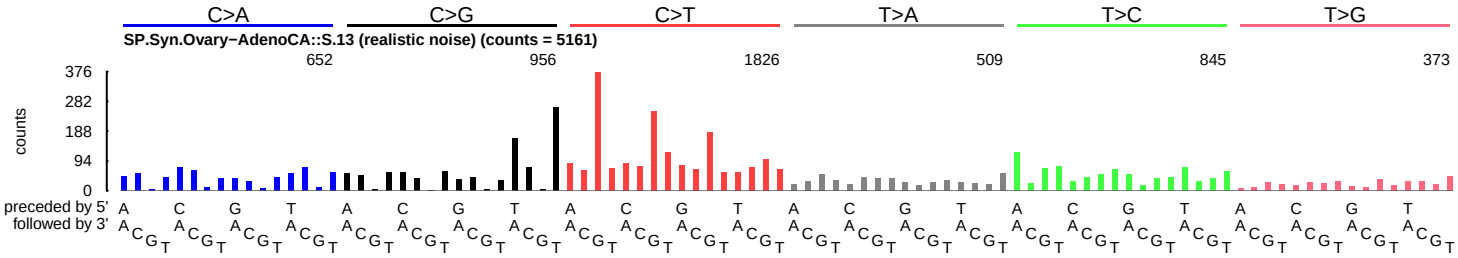

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Ovary−AdenoCA::S.8 (realistic noise) (counts = 5547)
938
972
1616
721
764
536
counts
296
222
148
74
0
preceded by 5'
followed by 3'

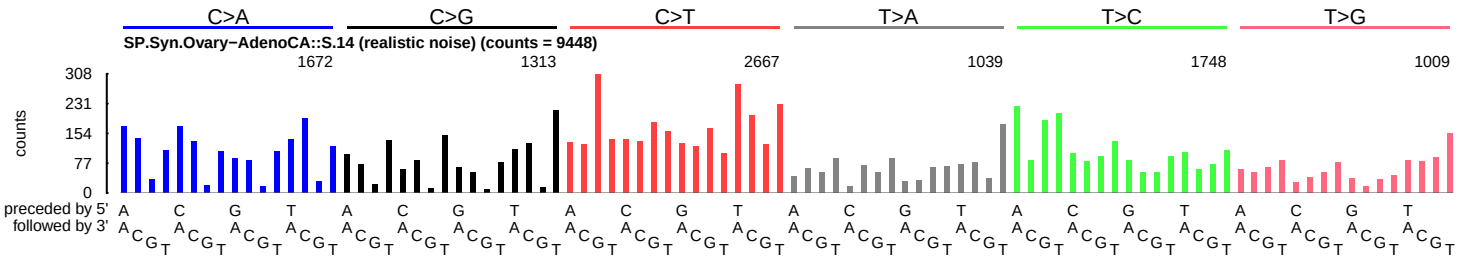

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Ovary−AdenoCA::S.9 (realistic noise) (counts = 5328)
878
1340
1470
539
762
339
counts
352
264
176
88
0
preceded by 5'
followed by 3'

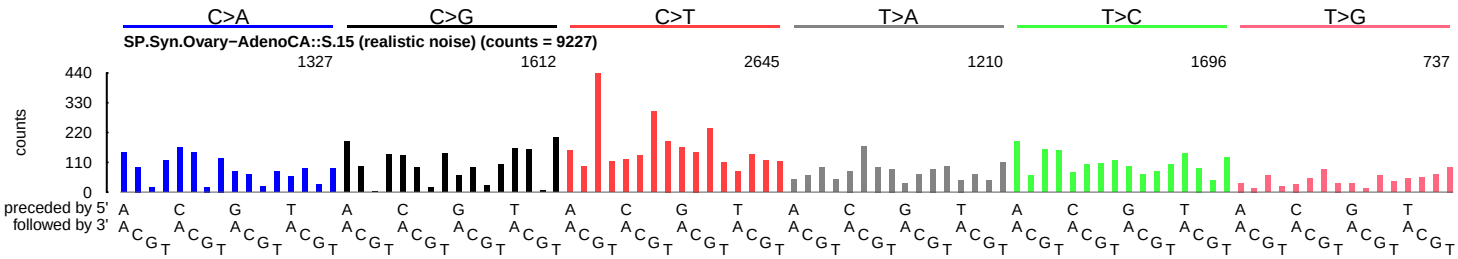

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Ovary−AdenoCA::S.10 (realistic noise) (counts = 13273)
2252
2062
3613
1492
2486
1368
counts
408
306
204
102
0
preceded by 5'
followed by 3'

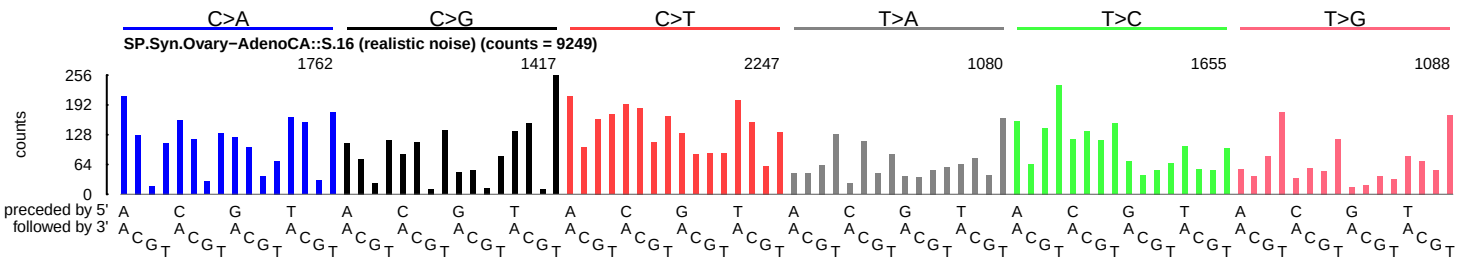

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Ovary−AdenoCA::S.11 (realistic noise) (counts = 11042)
1579
2887
3005
1283
1429
859
counts
848
636
424
212
0
preceded by 5'
followed by 3'

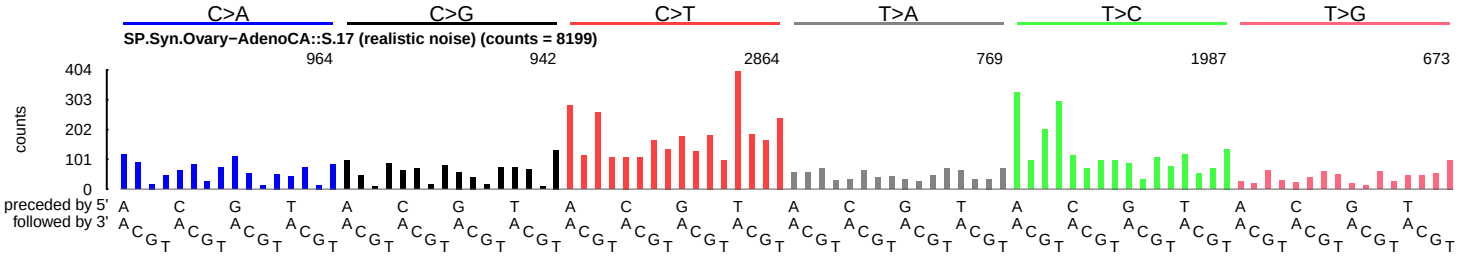

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Ovary−AdenoCA::S.12 (realistic noise) (counts = 12460)
2006
2462
2701
1913
2205
1173
counts
332
249
166
83
0
preceded by 5'
followed by 3'

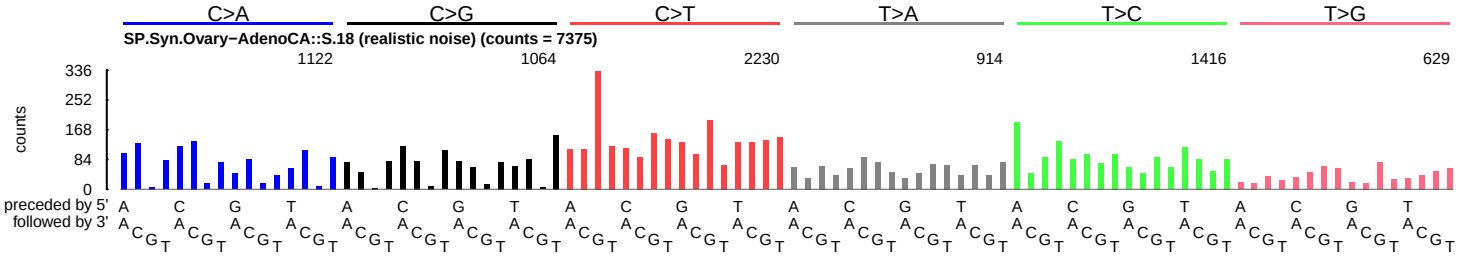

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Ovary−AdenoCA::S.13 (realistic noise) (counts = 5161)
652
956
1826
509
845
373
counts
376
282
188
94
0
preceded by 5'
followed by 3'

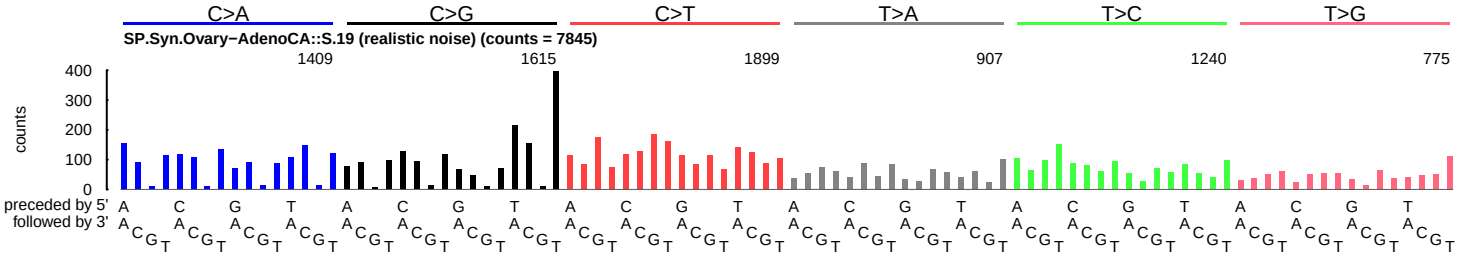

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Ovary−AdenoCA::S.14 (realistic noise) (counts = 9448)
1672
1313
2667
1039
1748
1009
counts
308
231
154
77
0
preceded by 5'
followed by 3'

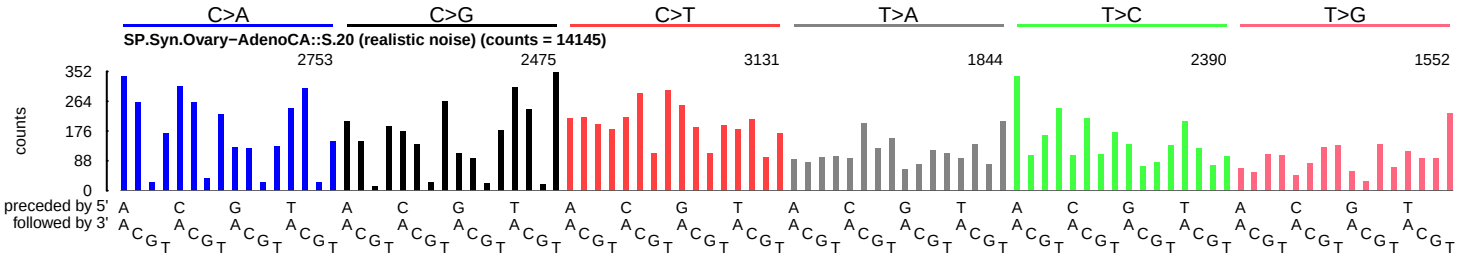

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Ovary−AdenoCA::S.15 (realistic noise) (counts = 9227)
1327
1612
2645
1210
1696
737
counts
440
330
220
110
0
preceded by 5'
followed by 3'

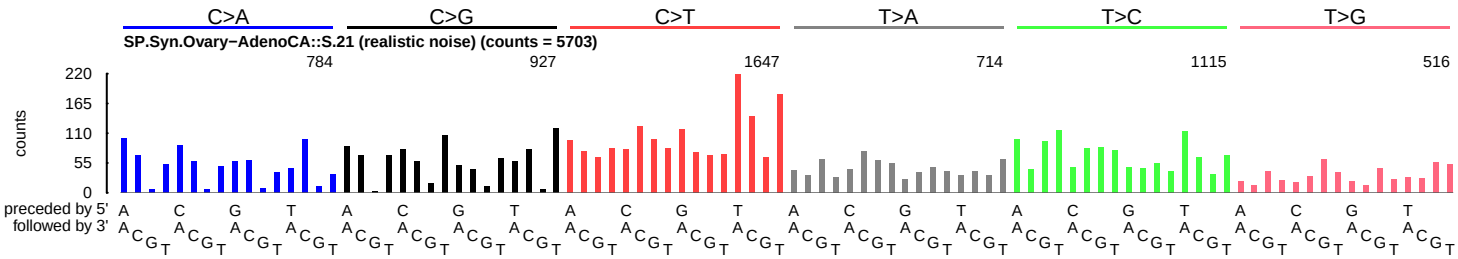

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Ovary−AdenoCA::S.16 (realistic noise) (counts = 9249)
1762
1417
2247
1080
1655
1088
counts
256
192
128
64
0
preceded by 5'
followed by 3'

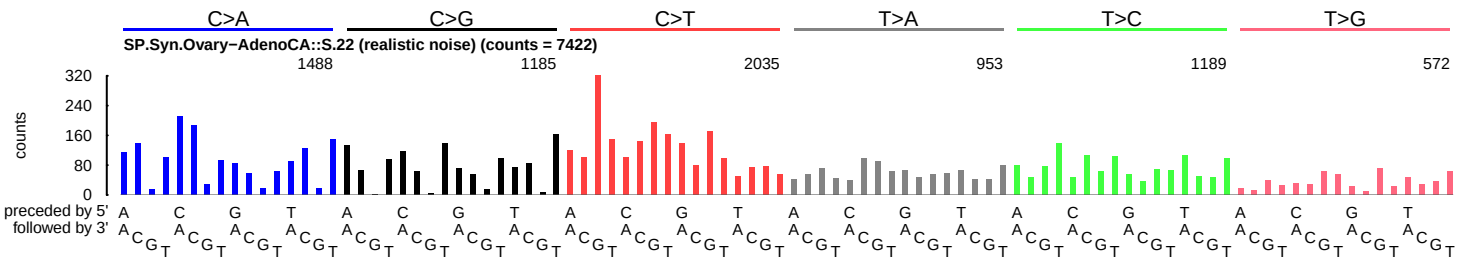

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Ovary−AdenoCA::S.17 (realistic noise) (counts = 8199)
964
942
2864
769
1987
673
counts
404
303
202
101
0
preceded by 5'
followed by 3'

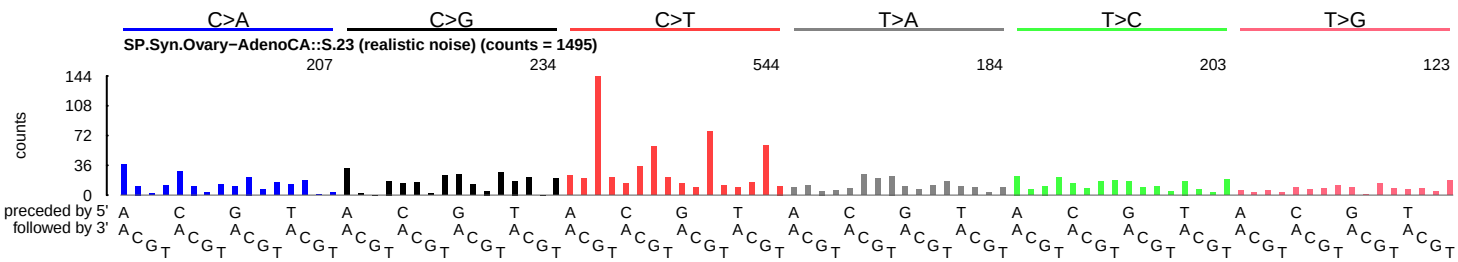

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Ovary−AdenoCA::S.18 (realistic noise) (counts = 7375)
1122
1064
2230
914
1416
629
counts
336
252
168
84
0
preceded by 5'
followed by 3'

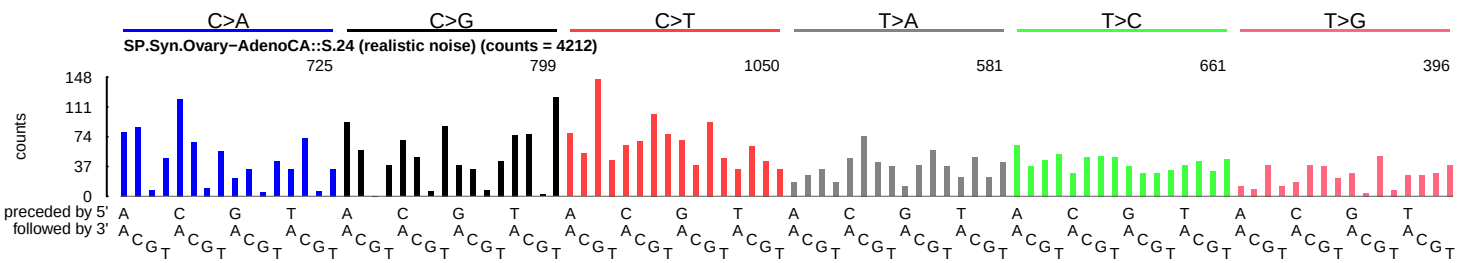

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Ovary−AdenoCA::S.19 (realistic noise) (counts = 7845)
1409
1615
1899
907
1240
775
counts
400
300
200
100
0
preceded by 5'
followed by 3'

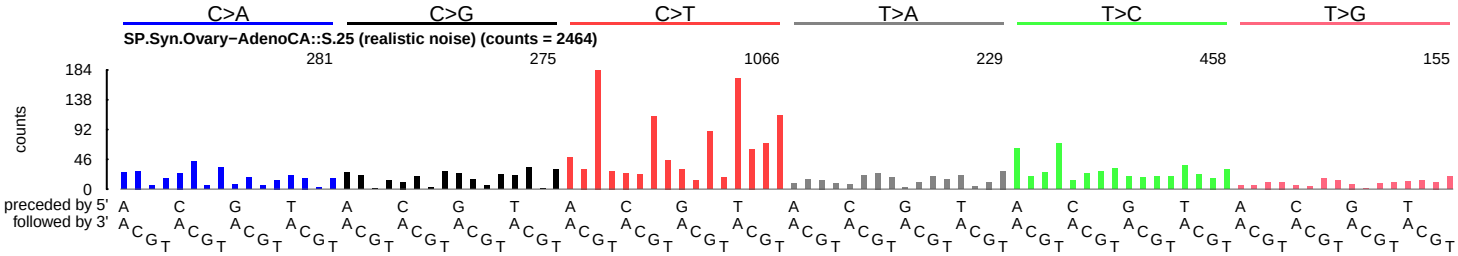

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Ovary−AdenoCA::S.20 (realistic noise) (counts = 14145)
2753
2475
3131
1844
2390
1552
counts
352
264
176
88
0
preceded by 5'
followed by 3'

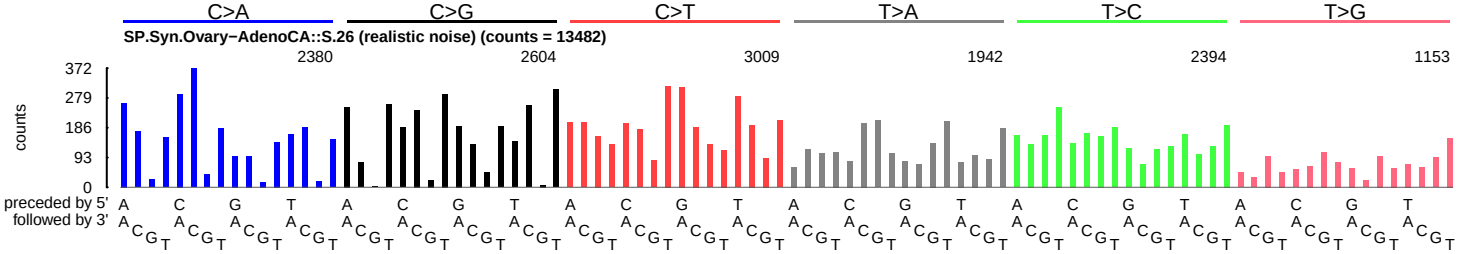

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Ovary−AdenoCA::S.21 (realistic noise) (counts = 5703)
784
927
1647
714
1115
516
counts
220
165
110
55
0
preceded by 5'
followed by 3'

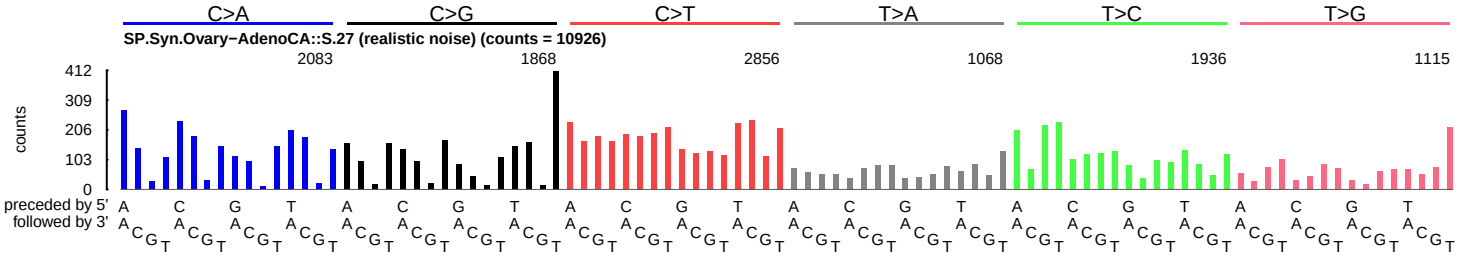

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Ovary−AdenoCA::S.22 (realistic noise) (counts = 7422)
1488
1185
2035
953
1189
572
counts
320
240
160
80
0
preceded by 5'
followed by 3'

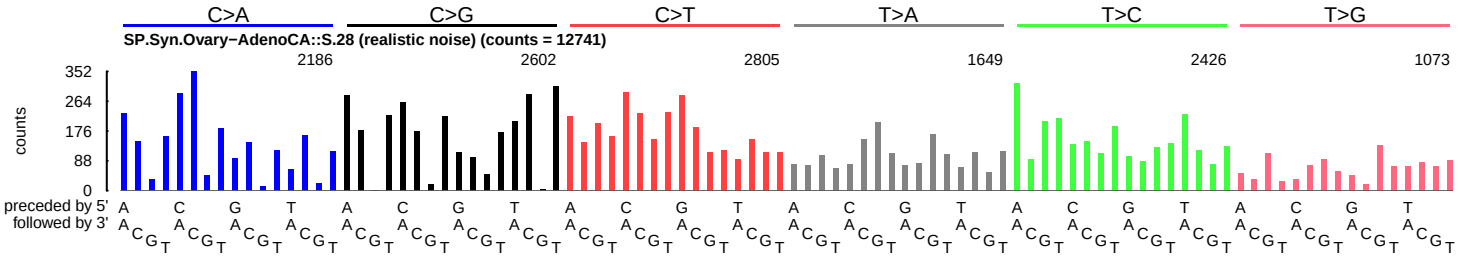

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Ovary−AdenoCA::S.23 (realistic noise) (counts = 1495)
207
234
544
184
203
123
counts
144
108
72
36
0
preceded by 5'
followed by 3'

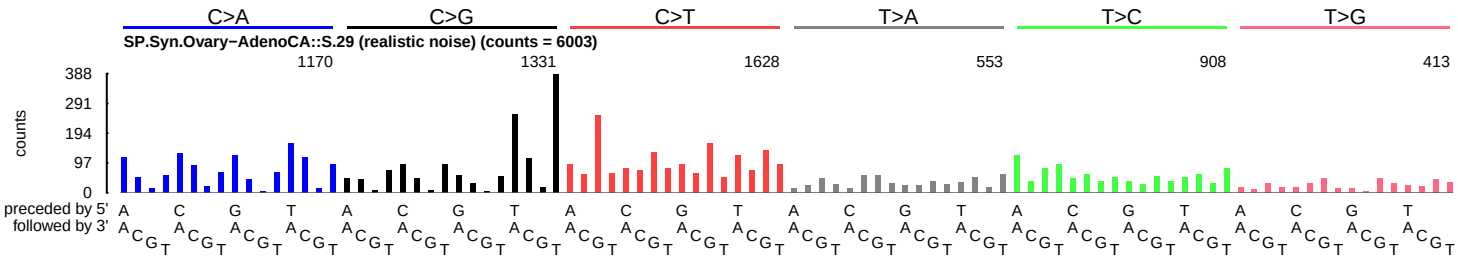

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Ovary−AdenoCA::S.24 (realistic noise) (counts = 4212)
725
799
1050
581
661
396
counts
148
111
74
37
0
preceded by 5'
followed by 3'

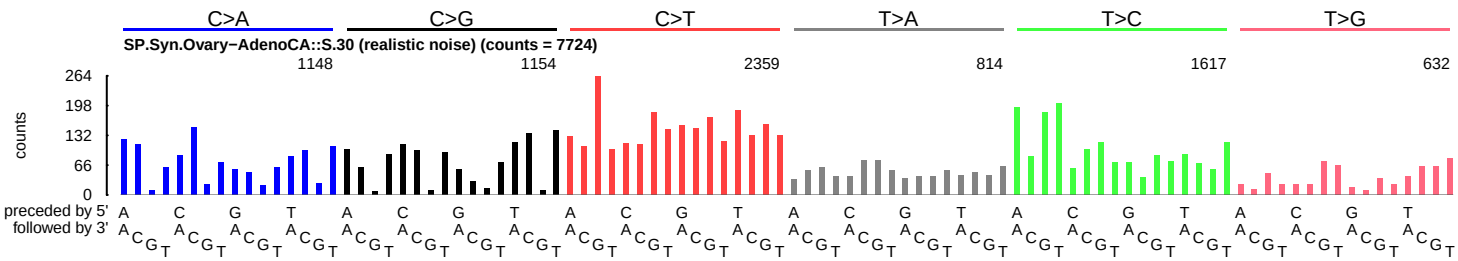

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Ovary−AdenoCA::S.25 (realistic noise) (counts = 2464)
281
275
1066
229
458
155
counts
184
138
92
46
0
preceded by 5'
followed by 3'

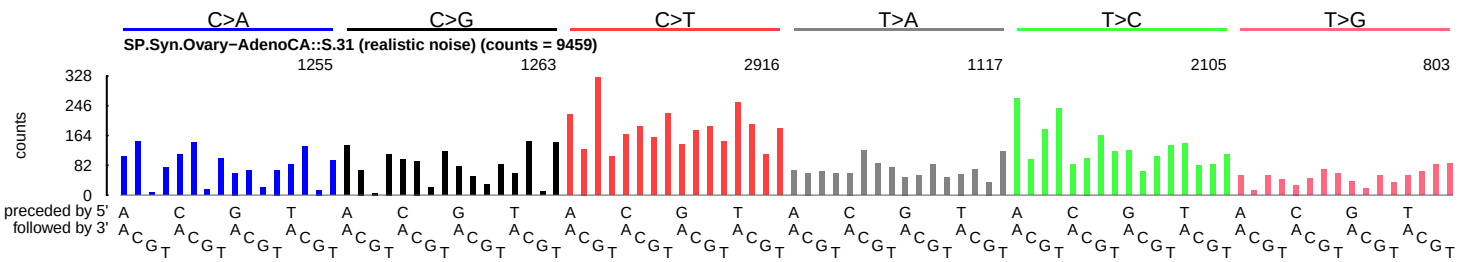

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Ovary−AdenoCA::S.26 (realistic noise) (counts = 13482)
2380
2604
3009
1942
2394
1153
counts
372
279
186
93
0
preceded by 5'
followed by 3'

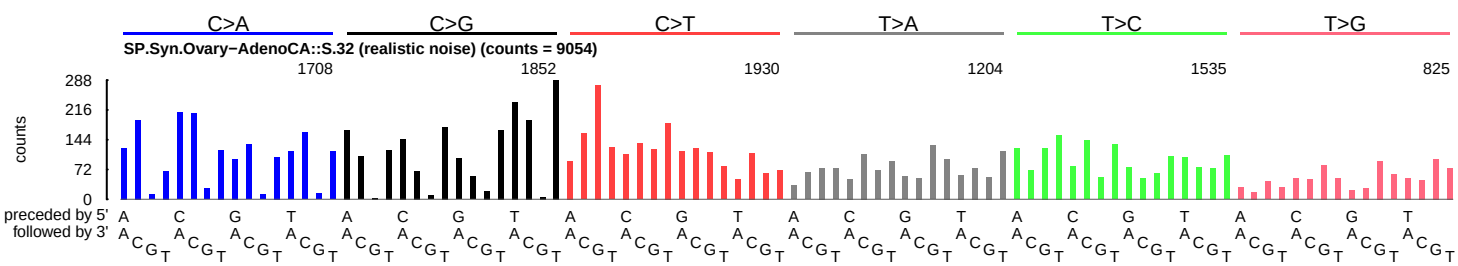

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Ovary−AdenoCA::S.27 (realistic noise) (counts = 10926)
2083
1868
2856
1068
1936
1115
counts
412
309
206
103
0
preceded by 5'
followed by 3'

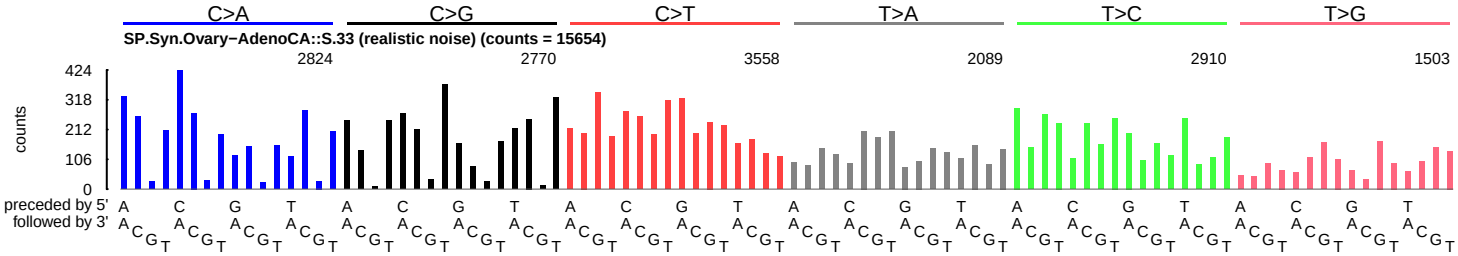

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Ovary−AdenoCA::S.28 (realistic noise) (counts = 12741)
2186
2602
2805
1649
2426
1073
counts
352
264
176
88
0
preceded by 5'
followed by 3'

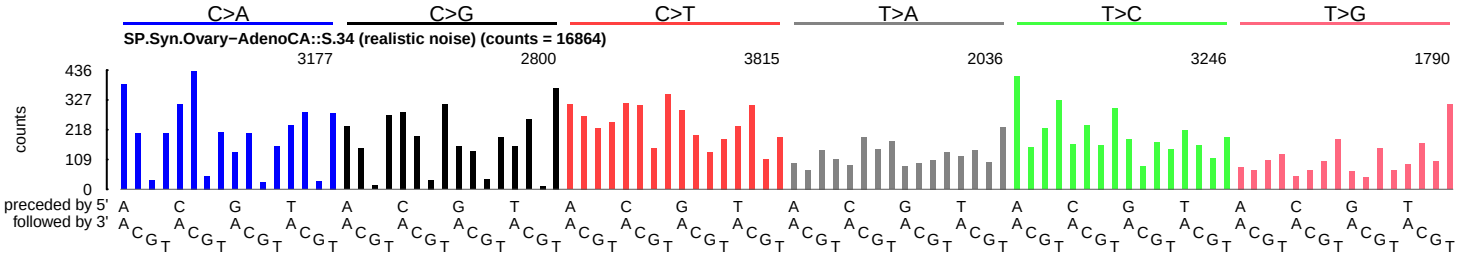

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Ovary−AdenoCA::S.29 (realistic noise) (counts = 6003)
1170
1331
1628
553
908
413
counts
388
291
194
97
0
preceded by 5'
followed by 3'

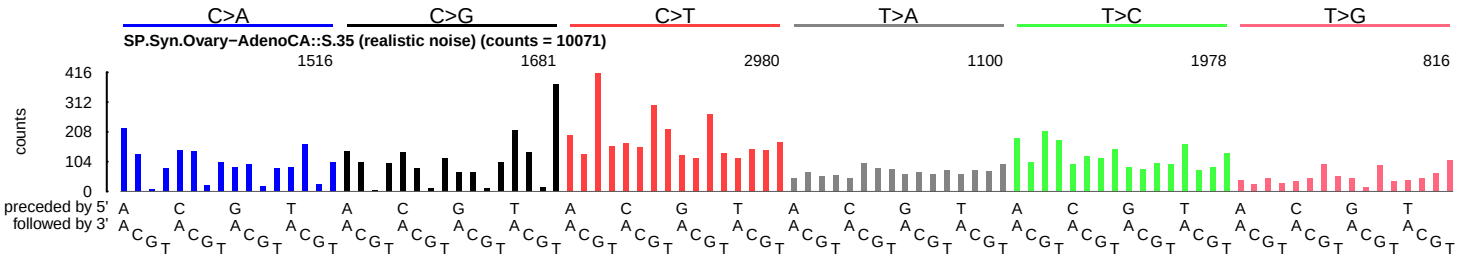

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Ovary−AdenoCA::S.30 (realistic noise) (counts = 7724)
1148
1154
2359
814
1617
632
counts
264
198
132
66
0
preceded by 5'
followed by 3'

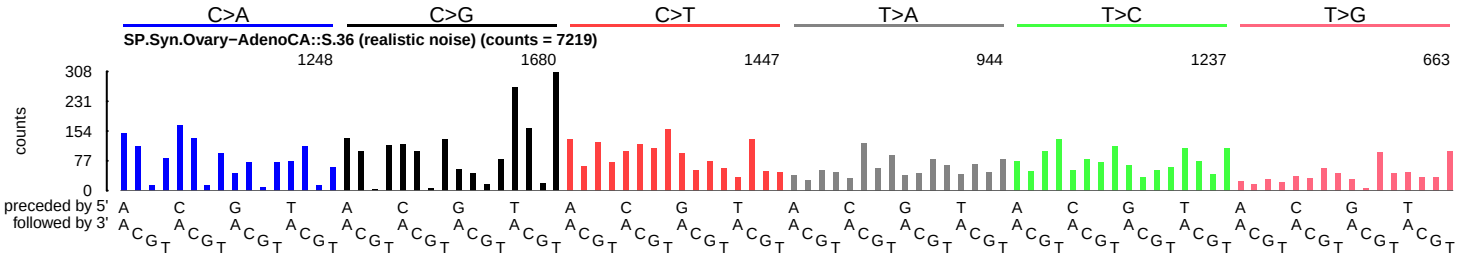

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Ovary−AdenoCA::S.31 (realistic noise) (counts = 9459)
1255
1263
2916
1117
2105
803
counts
328
246
164
82
0
preceded by 5'
followed by 3'

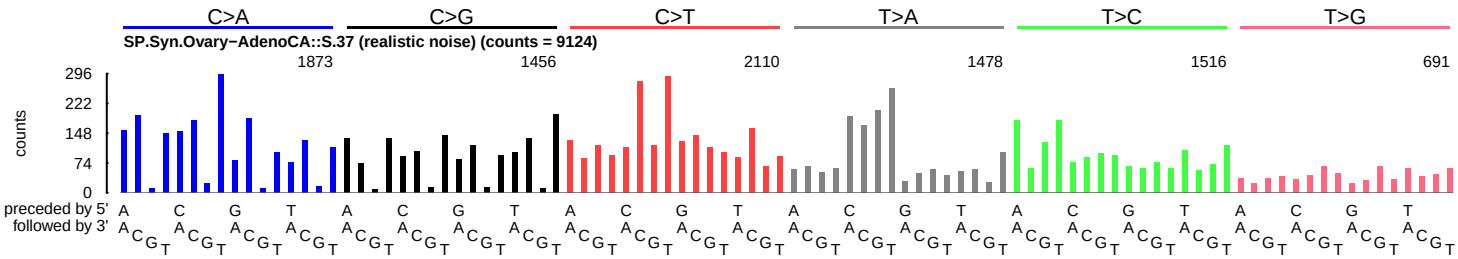

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Ovary−AdenoCA::S.32 (realistic noise) (counts = 9054)
1708
1852
1930
1204
1535
825
counts
288
216
144
72
0
preceded by 5'
followed by 3'

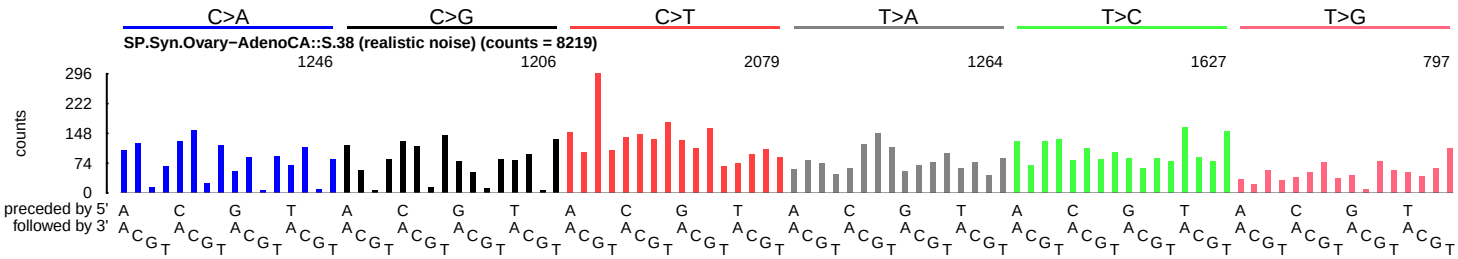

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Ovary−AdenoCA::S.33 (realistic noise) (counts = 15654)
2824
2770
3558
2089
2910
1503
counts
424
318
212
106
0
preceded by 5'
followed by 3'

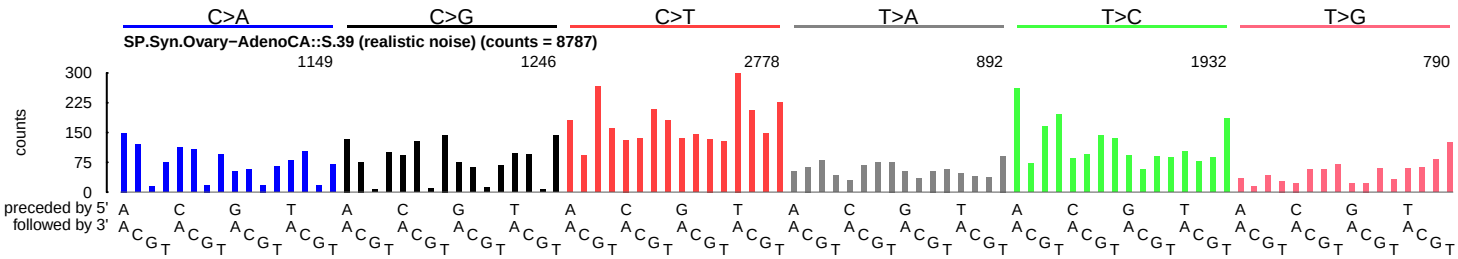

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Ovary−AdenoCA::S.34 (realistic noise) (counts = 16864)
3177
2800
3815
2036
3246
1790
counts
436
327
218
109
0
preceded by 5'
followed by 3'

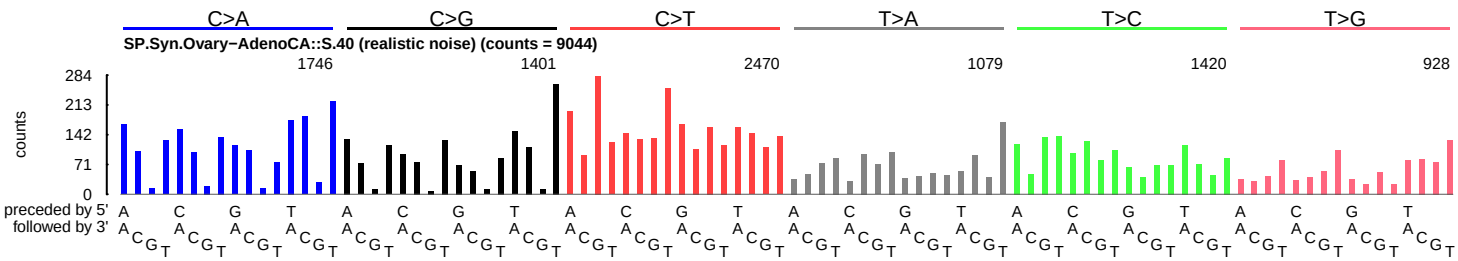

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Ovary−AdenoCA::S.35 (realistic noise) (counts = 10071)
1516
1681
2980
1100
1978
816
counts
416
312
208
104
0
preceded by 5'
followed by 3'

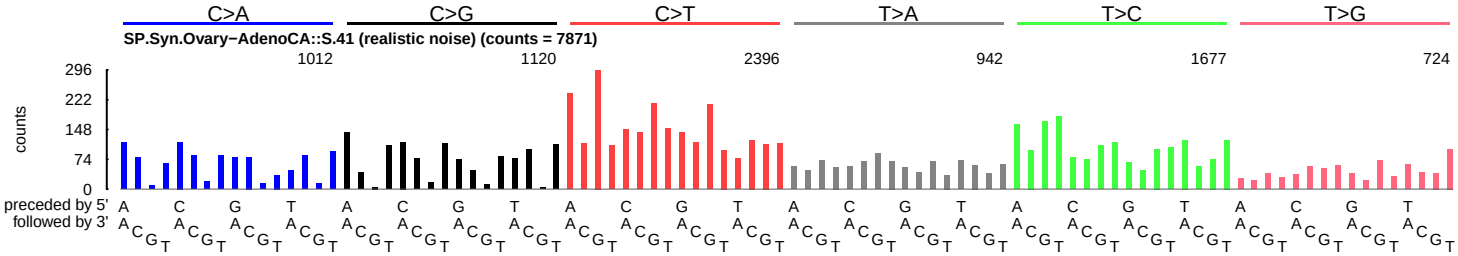

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Ovary−AdenoCA::S.36 (realistic noise) (counts = 7219)
1248
1680
1447
944
1237
663
counts
308
231
154
77
0
preceded by 5'
followed by 3'

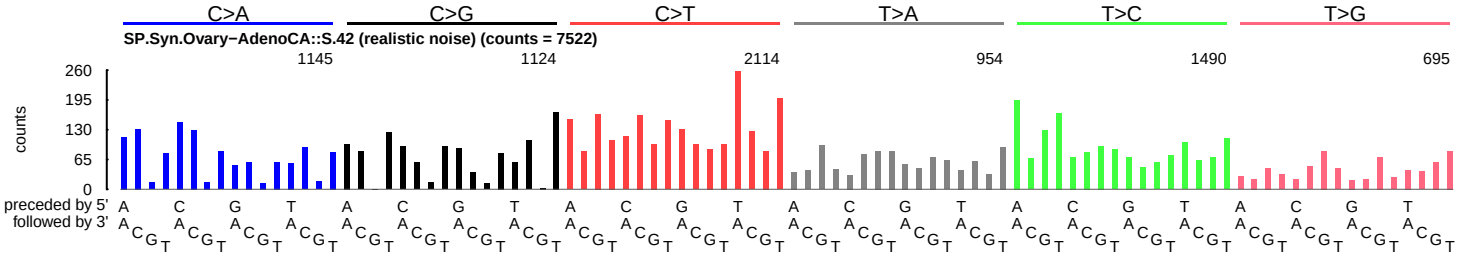

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Ovary−AdenoCA::S.37 (realistic noise) (counts = 9124)
1873
1456
2110
1478
1516
691
counts
296
222
148
74
0
preceded by 5'
followed by 3'

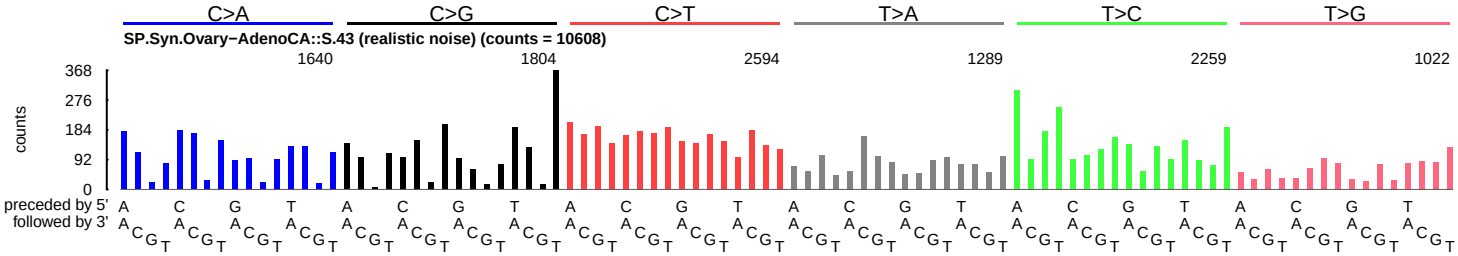

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Ovary−AdenoCA::S.38 (realistic noise) (counts = 8219)
1246
1206
2079
1264
1627
797
counts
296
222
148
74
0
preceded by 5'
followed by 3'

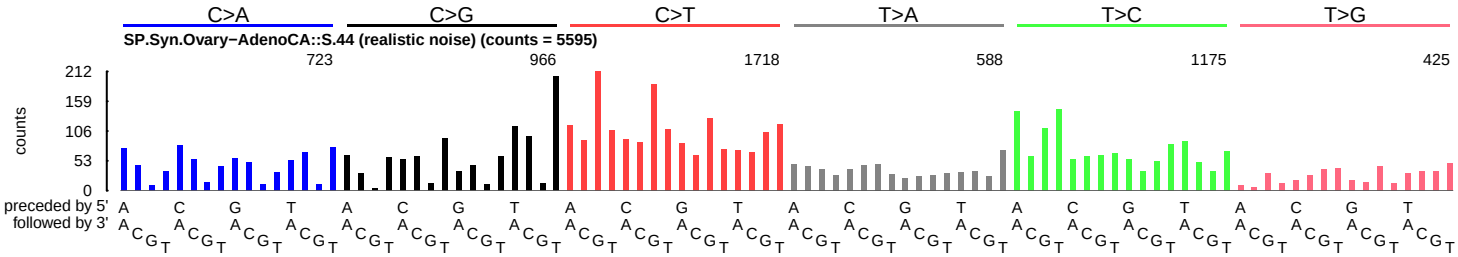

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Ovary−AdenoCA::S.39 (realistic noise) (counts = 8787)
1149
1246
2778
892
1932
790
counts
300
225
150
75
0
preceded by 5'
followed by 3'

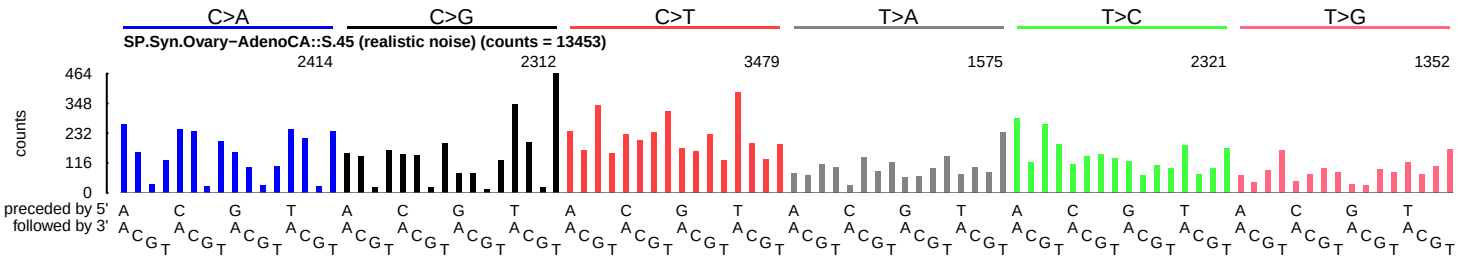

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Ovary−AdenoCA::S.40 (realistic noise) (counts = 9044)
1746
1401
2470
1079
1420
928
counts
284
213
142
71
0
preceded by 5'
followed by 3'

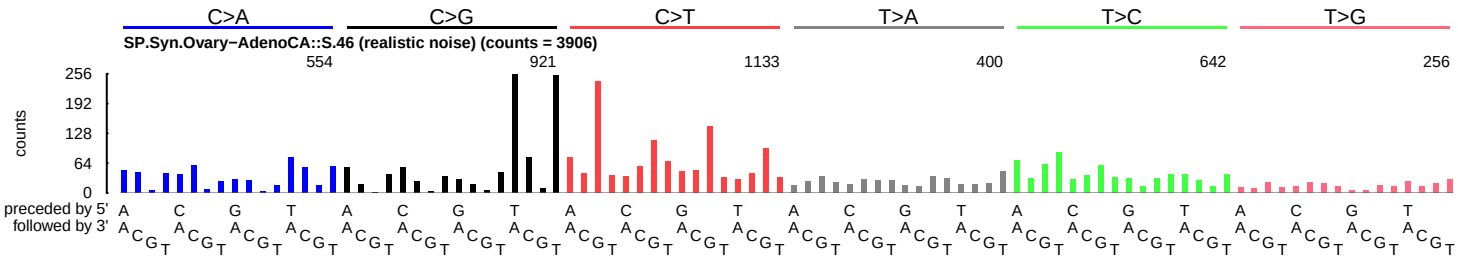

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Ovary−AdenoCA::S.41 (realistic noise) (counts = 7871)
1012
1120
2396
942
1677
724
counts
296
222
148
74
0
preceded by 5'
followed by 3'

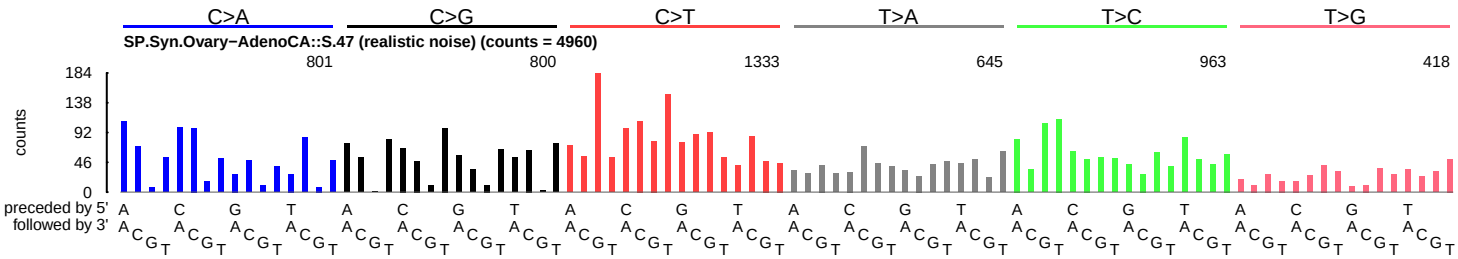

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Ovary−AdenoCA::S.42 (realistic noise) (counts = 7522)
1145
1124
2114
954
1490
695
counts
260
195
130
65
0
preceded by 5'
followed by 3'

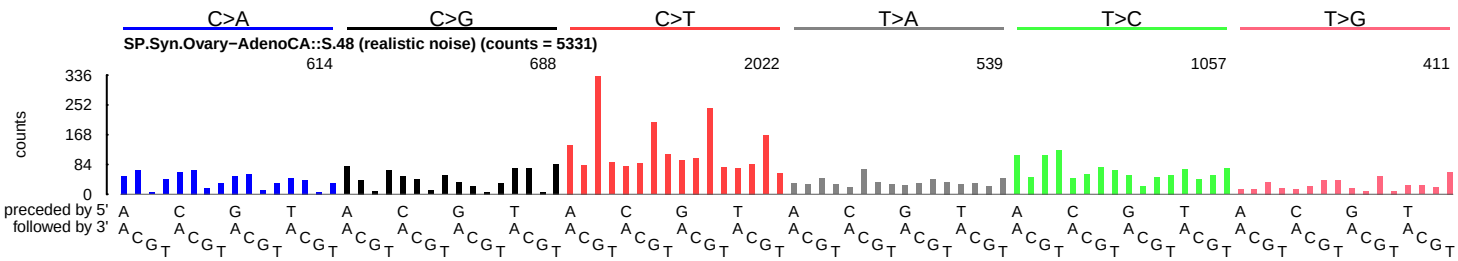

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Ovary−AdenoCA::S.43 (realistic noise) (counts = 10608)
1640
1804
2594
1289
2259
1022
counts
368
276
184
92
0
preceded by 5'
followed by 3'

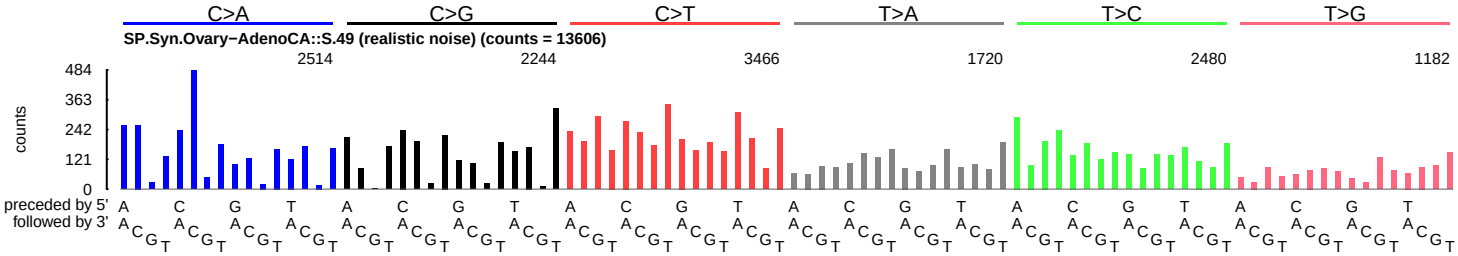

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Ovary−AdenoCA::S.44 (realistic noise) (counts = 5595)
723
966
1718
588
1175
425
counts
212
159
106
53
0
preceded by 5'
followed by 3'

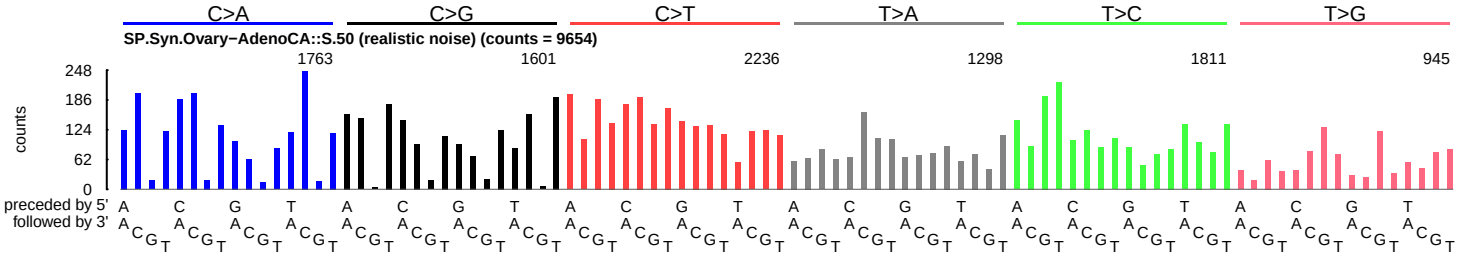

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Ovary−AdenoCA::S.45 (realistic noise) (counts = 13453)
2414
2312
3479
1575
2321
1352
counts
464
348
232
116
0
preceded by 5'
followed by 3'

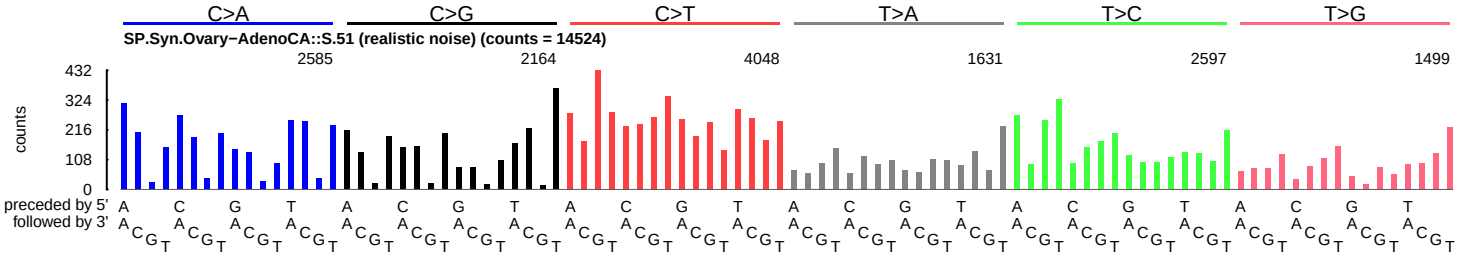

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Ovary−AdenoCA::S.46 (realistic noise) (counts = 3906)
554
921
1133
400
642
256
counts
256
192
128
64
0
preceded by 5'
followed by 3'

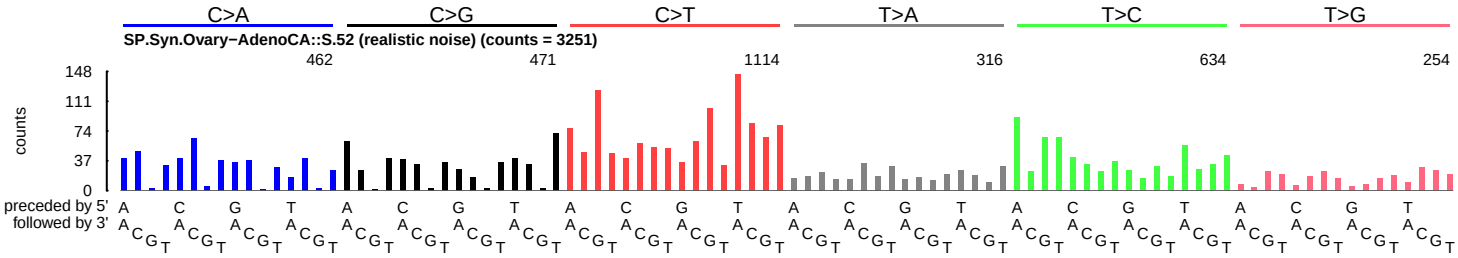

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Ovary−AdenoCA::S.47 (realistic noise) (counts = 4960)
801
800
1333
645
963
418
counts
184
138
92
46
0
preceded by 5'
followed by 3'

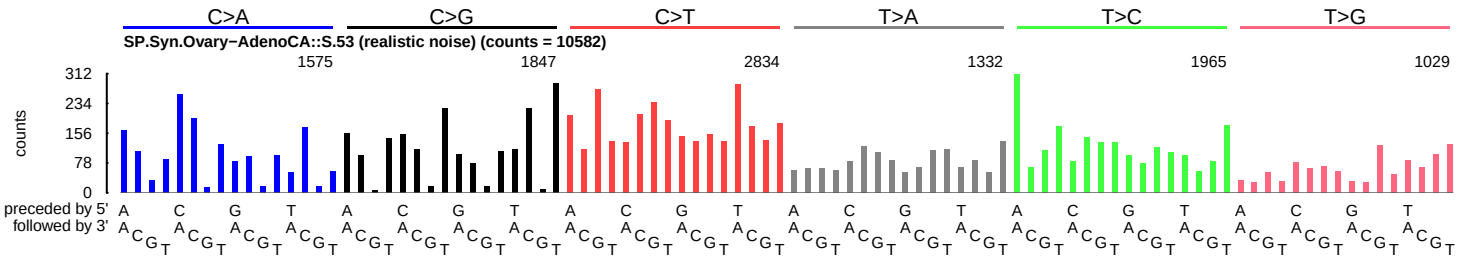

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Ovary−AdenoCA::S.48 (realistic noise) (counts = 5331)
614
688
2022
539
1057
411
counts
336
252
168
84
0
preceded by 5'
followed by 3'

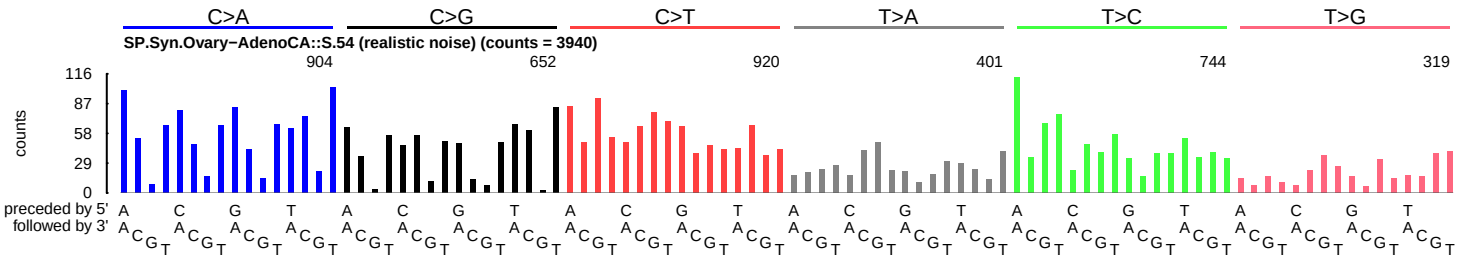

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Ovary−AdenoCA::S.49 (realistic noise) (counts = 13606)
2514
2244
3466
1720
2480
1182
counts
484
363
242
121
0
preceded by 5'
followed by 3'

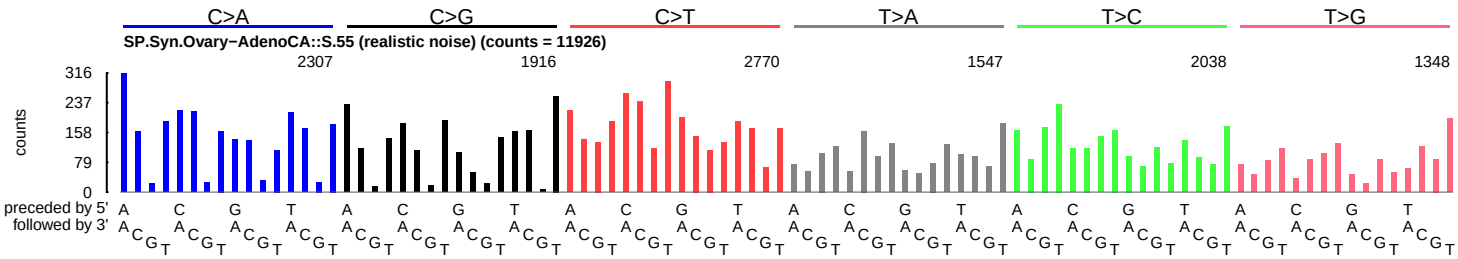

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Ovary−AdenoCA::S.50 (realistic noise) (counts = 9654)
1763
1601
2236
1298
1811
945
counts
248
186
124
62
0
preceded by 5'
followed by 3'

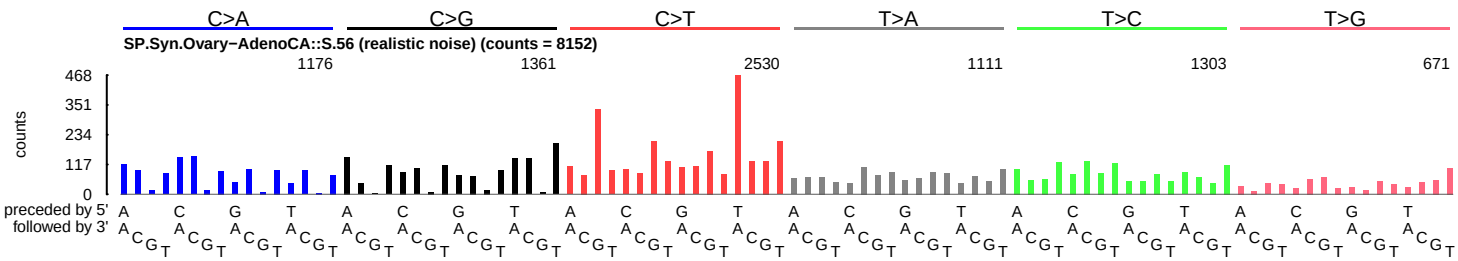

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Ovary−AdenoCA::S.51 (realistic noise) (counts = 14524)
2585
2164
4048
1631
2597
1499
counts
432
324
216
108
0
preceded by 5'
followed by 3'

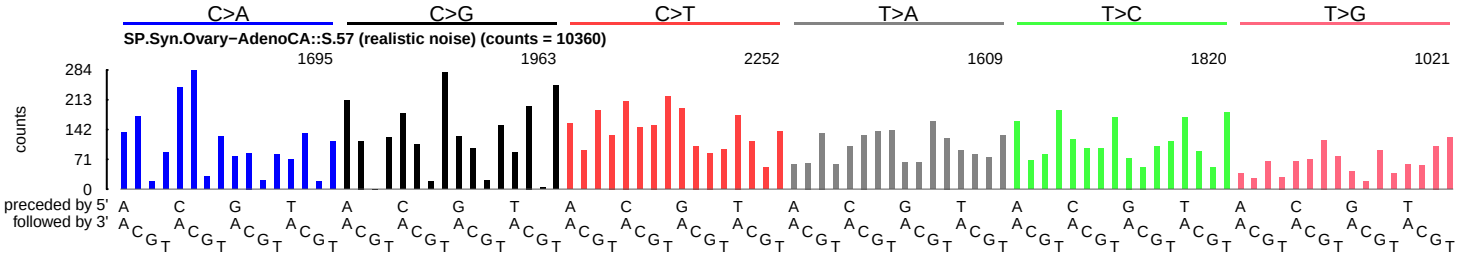

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Ovary−AdenoCA::S.52 (realistic noise) (counts = 3251)
462
471
1114
316
634
254
counts
148
111
74
37
0
preceded by 5'
followed by 3'

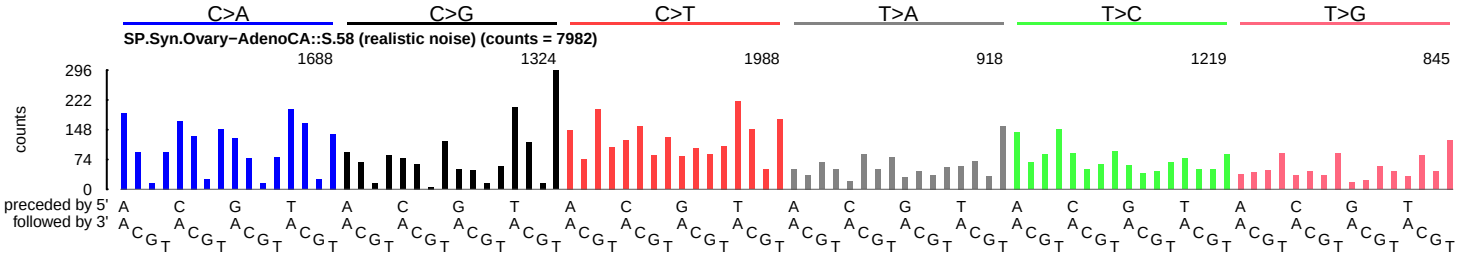

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Ovary−AdenoCA::S.53 (realistic noise) (counts = 10582)
1575
1847
2834
1332
1965
1029
counts
312
234
156
78
0
preceded by 5'
followed by 3'

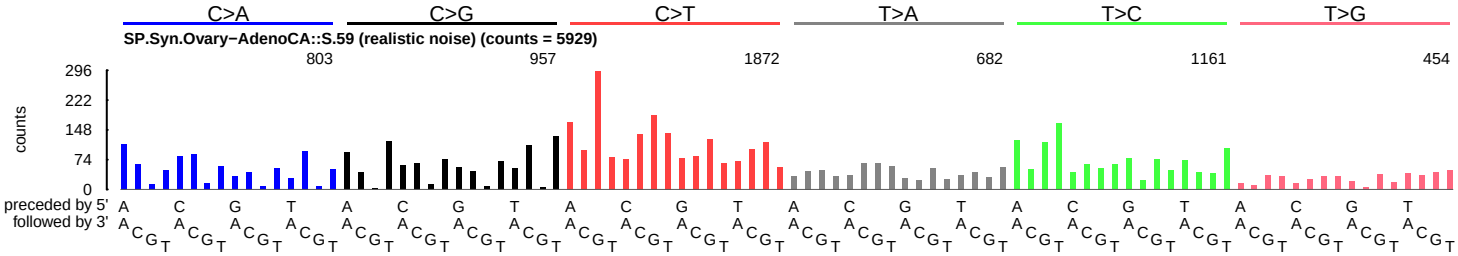

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Ovary−AdenoCA::S.54 (realistic noise) (counts = 3940)
904
652
920
401
744
319
counts
116
87
58
29
0
preceded by 5'
followed by 3'

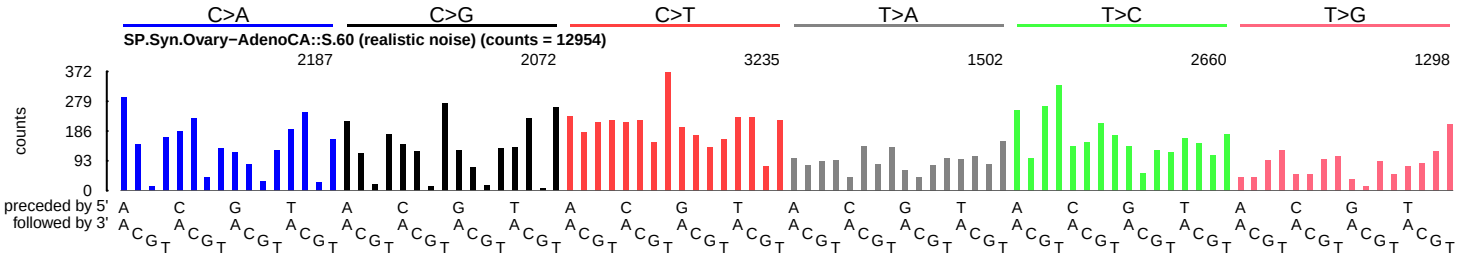

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Ovary−AdenoCA::S.55 (realistic noise) (counts = 11926)
2307
1916
2770
1547
2038
1348
counts
316
237
158
79
0
preceded by 5'
followed by 3'

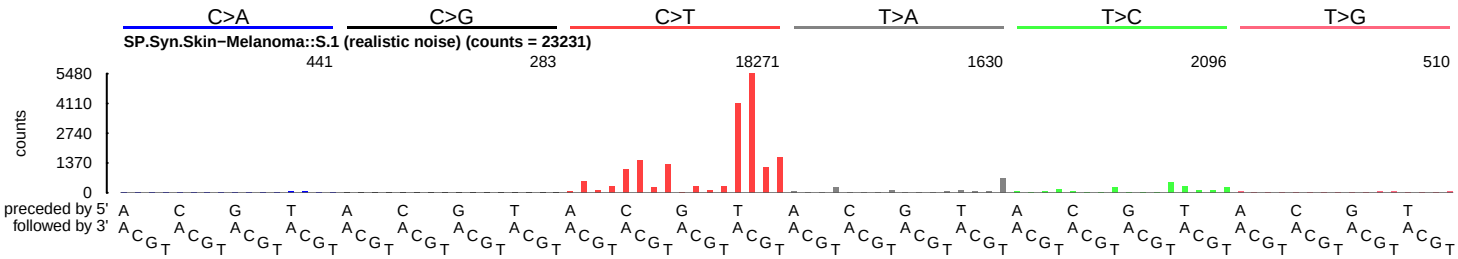

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Ovary−AdenoCA::S.56 (realistic noise) (counts = 8152)
1176
1361
2530
1111
1303
671
counts
468
351
234
117
0
preceded by 5'
followed by 3'

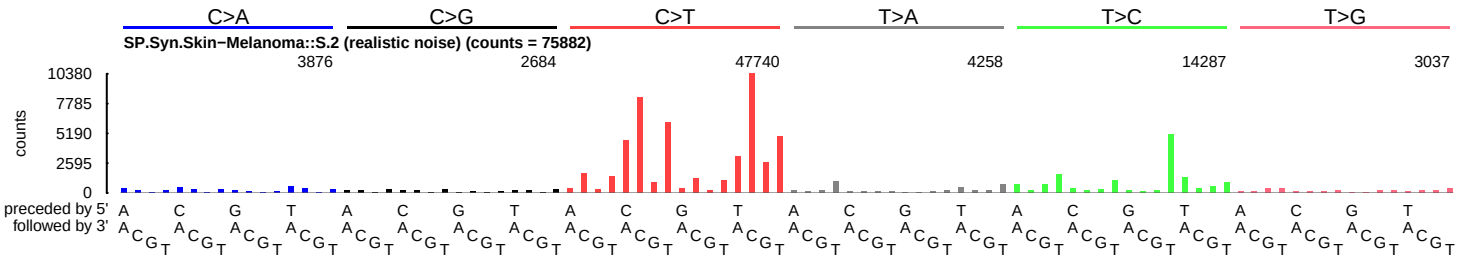

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Ovary−AdenoCA::S.57 (realistic noise) (counts = 10360)
1695
1963
2252
1609
1820
1021
counts
284
213
142
71
0
preceded by 5'
followed by 3'

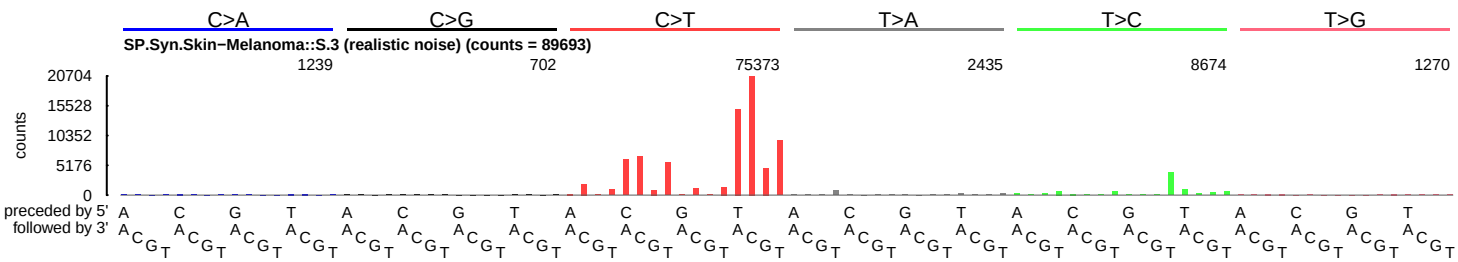

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Ovary−AdenoCA::S.58 (realistic noise) (counts = 7982)
1688
1324
1988
918
1219
845
counts
296
222
148
74
0
preceded by 5'
followed by 3'

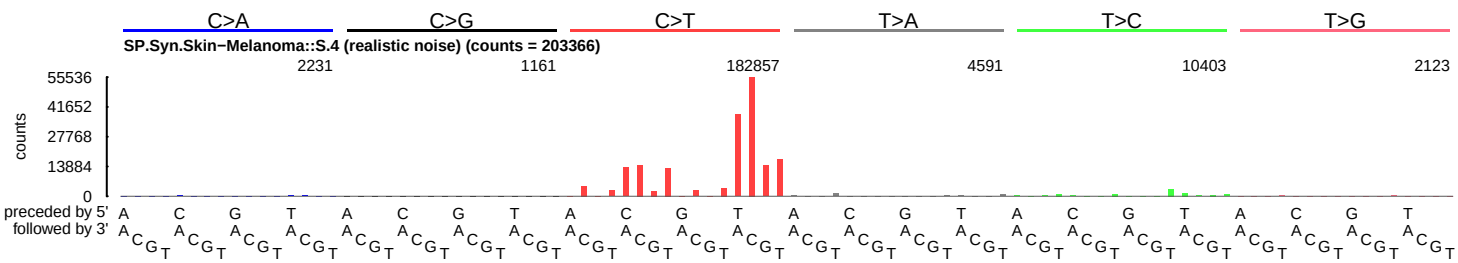

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Ovary−AdenoCA::S.59 (realistic noise) (counts = 5929)
803
957
1872
682
1161
454
counts
296
222
148
74
0
preceded by 5'
followed by 3'

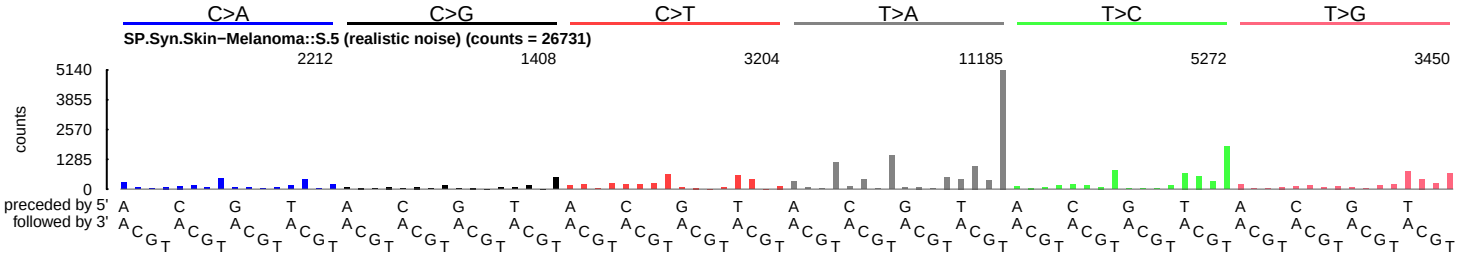

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Ovary−AdenoCA::S.60 (realistic noise) (counts = 12954)
2187
2072
3235
1502
2660
1298
counts
372
279
186
93
0
preceded by 5'
followed by 3'

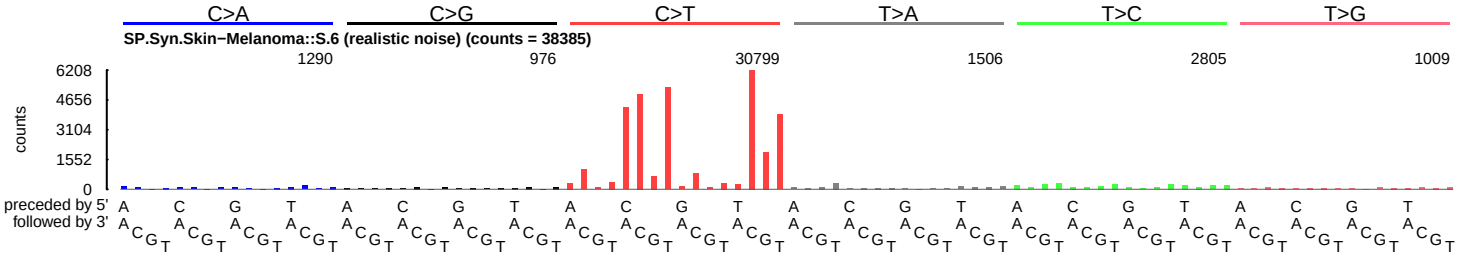

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Skin−Melanoma::S.1 (realistic noise) (counts = 23231)
441
283
18271
1630
2096
510
counts
5480
4110
2740
1370
0
preceded by 5'
followed by 3'

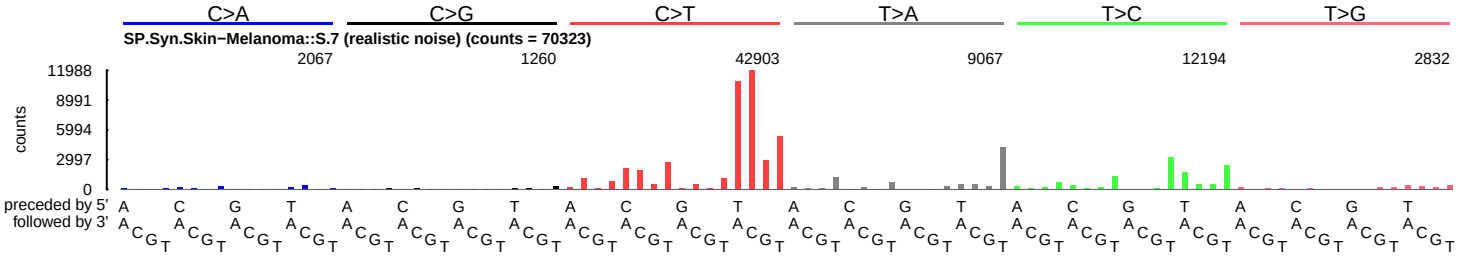

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Skin−Melanoma::S.2 (realistic noise) (counts = 75882)
3876
2684
47740
4258
14287
3037
counts
10380
7785
5190
2595
0
preceded by 5'
followed by 3'

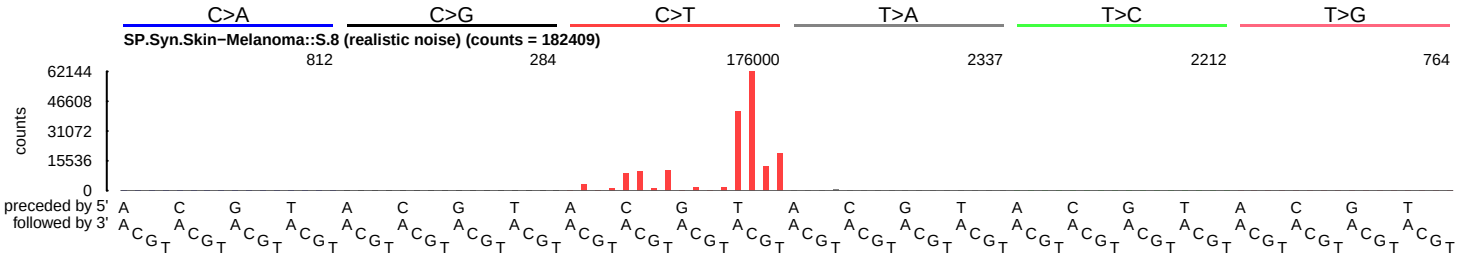

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Skin−Melanoma::S.3 (realistic noise) (counts = 89693)
1239
702
75373
2435
8674
1270
counts
20704
15528
10352
5176
0
preceded by 5'
followed by 3'

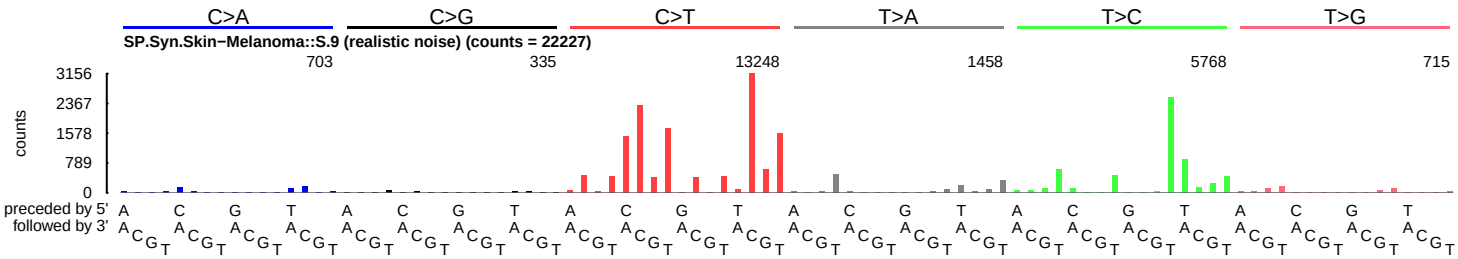

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Skin−Melanoma::S.4 (realistic noise) (counts = 203366)
2231
1161
182857
4591
10403
2123
counts
55536
41652
27768
13884
0
preceded by 5'
followed by 3'

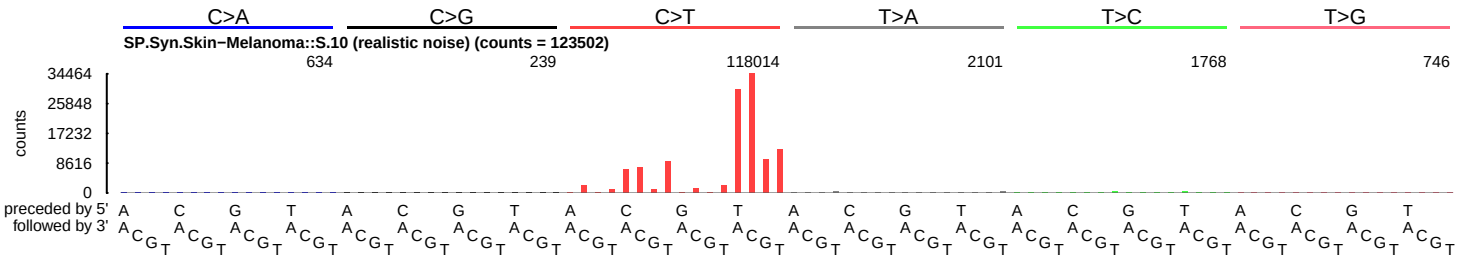

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Skin−Melanoma::S.5 (realistic noise) (counts = 26731)
2212
1408
3204
11185
5272
3450
counts
5140
3855
2570
1285
0
preceded by 5'
followed by 3'

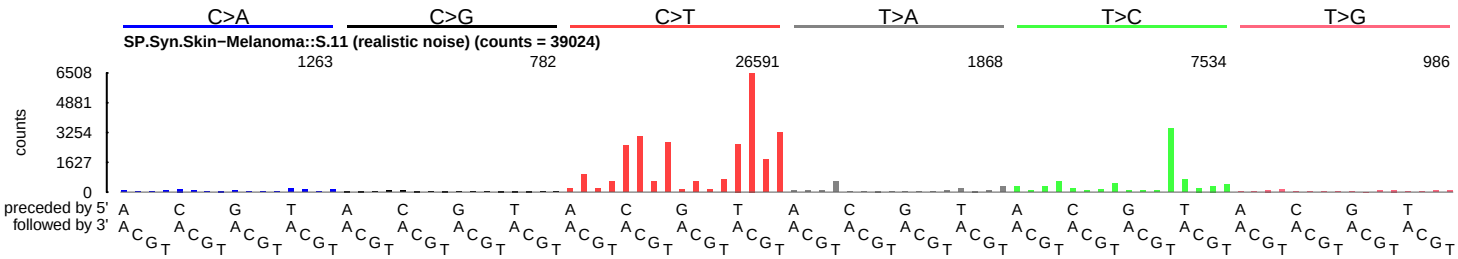

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Skin−Melanoma::S.6 (realistic noise) (counts = 38385)
1290
976
30799
1506
2805
1009
counts
6208
4656
3104
1552
0
preceded by 5'
followed by 3'

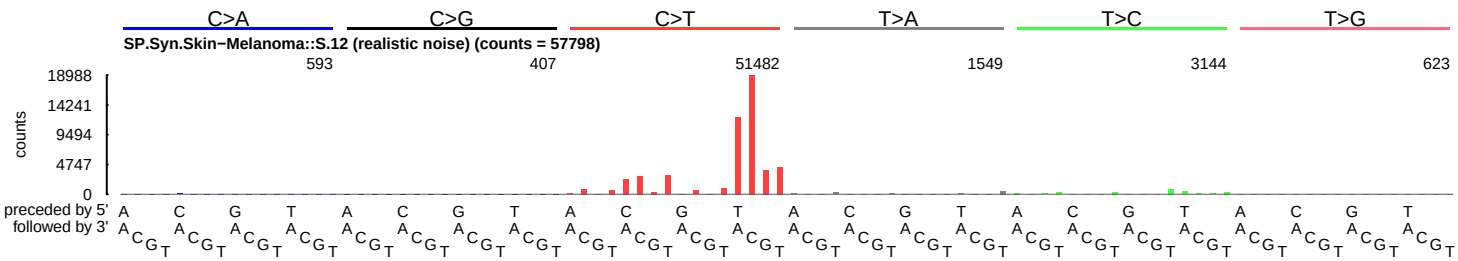

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Skin−Melanoma::S.7 (realistic noise) (counts = 70323)
2067
1260
42903
9067
12194
2832
counts
11988
8991
5994
2997
0
preceded by 5'
followed by 3'

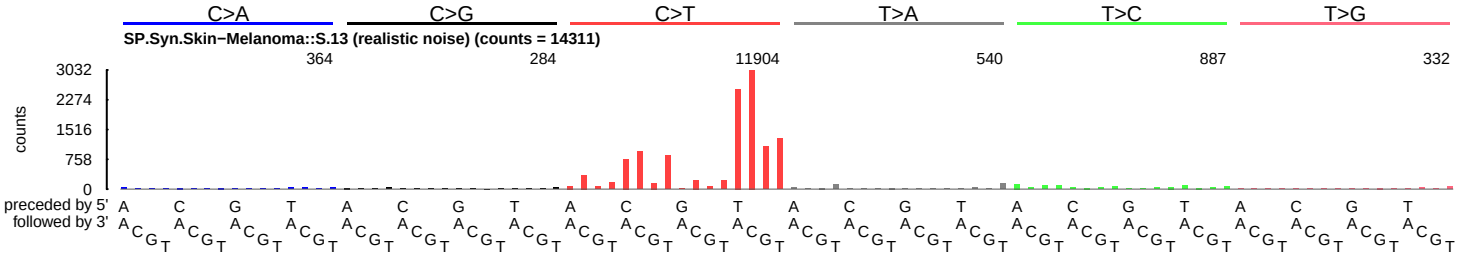

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Skin−Melanoma::S.8 (realistic noise) (counts = 182409)
812
284
176000
2337
2212
764
counts
62144
46608
31072
15536
0
preceded by 5'
followed by 3'

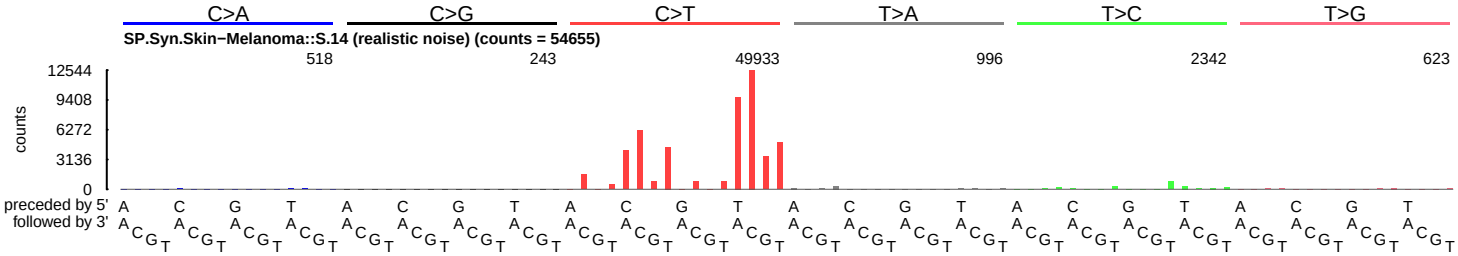

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Skin−Melanoma::S.9 (realistic noise) (counts = 22227)
703
335
13248
1458
5768
715
counts
3156
2367
1578
789
0
preceded by 5'
followed by 3'

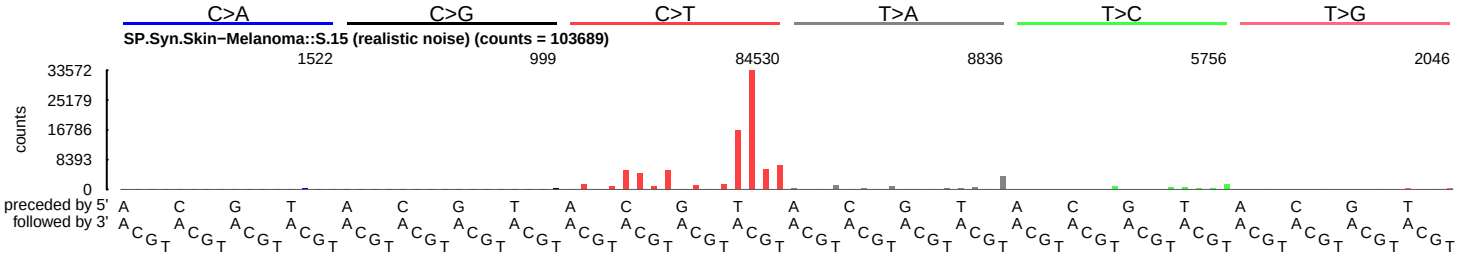

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Skin−Melanoma::S.10 (realistic noise) (counts = 123502)
634
239
118014
2101
1768
746
counts
34464
25848
17232
8616
0
preceded by 5'
followed by 3'

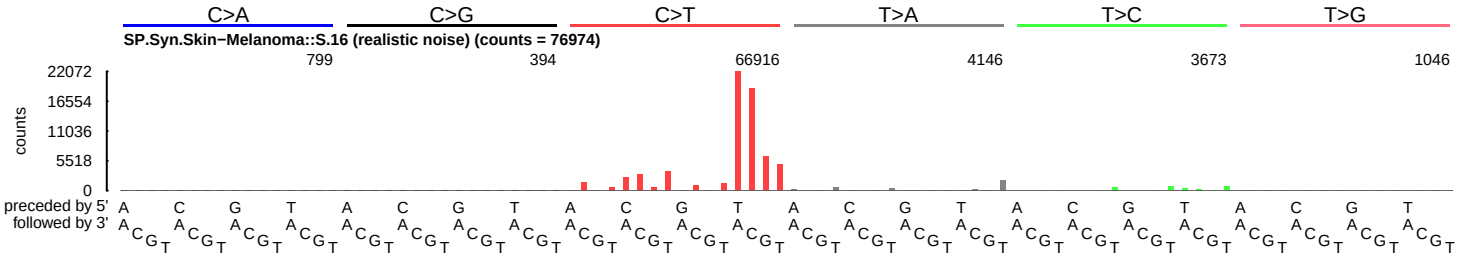

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Skin−Melanoma::S.11 (realistic noise) (counts = 39024)
1263
782
26591
1868
7534
986
counts
6508
4881
3254
1627
0
preceded by 5'
followed by 3'

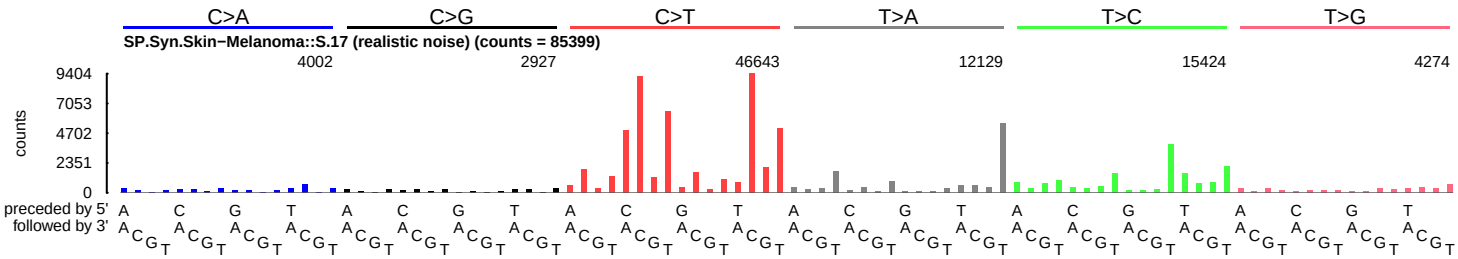

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Skin−Melanoma::S.12 (realistic noise) (counts = 57798)
593
407
51482
1549
3144
623
counts
18988
14241
9494
4747
0
preceded by 5'
followed by 3'

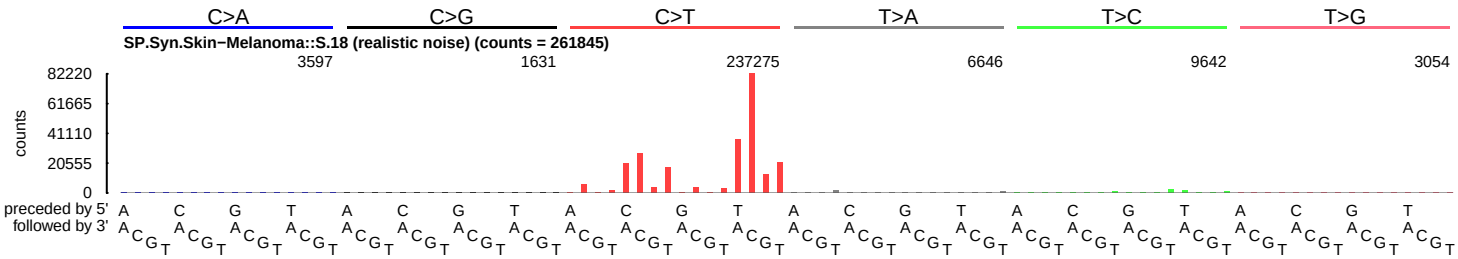

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Skin−Melanoma::S.13 (realistic noise) (counts = 14311)
364
284
11904
540
887
332
counts
3032
2274
1516
758
0
preceded by 5'
followed by 3'

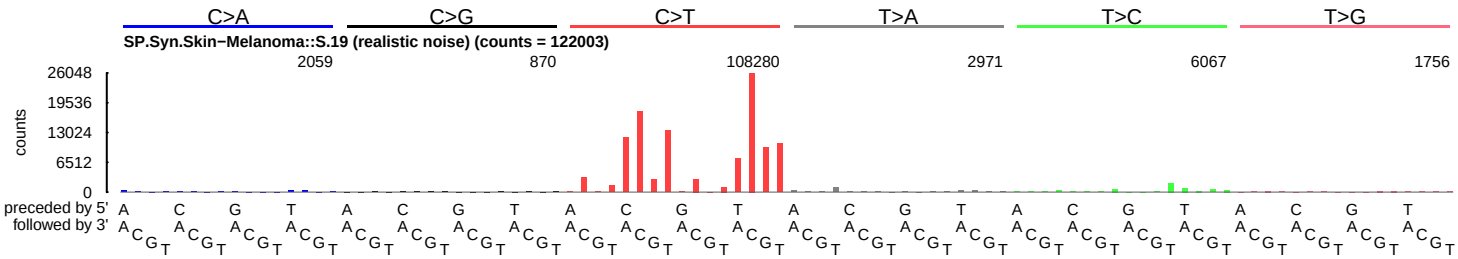

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Skin−Melanoma::S.14 (realistic noise) (counts = 54655)
518
243
49933
996
2342
623
counts
12544
9408
6272
3136
0
preceded by 5'
followed by 3'

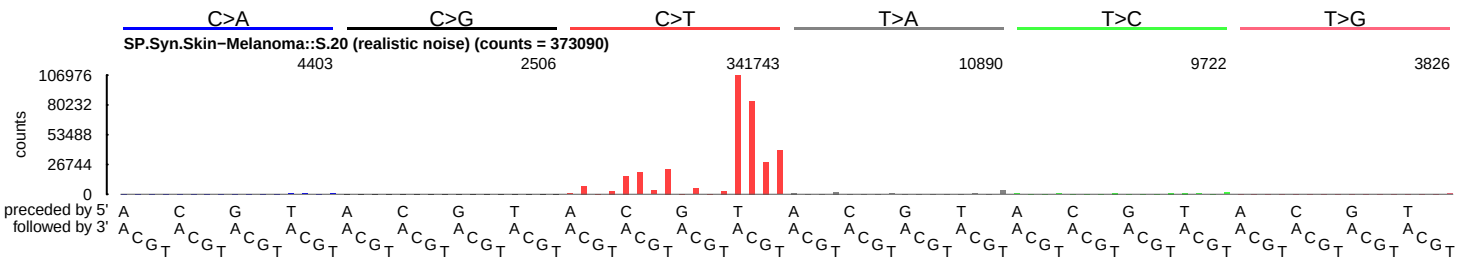

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Skin−Melanoma::S.15 (realistic noise) (counts = 103689)
1522
999
84530
8836
5756
2046
counts
33572
25179
16786
8393
0
preceded by 5'
followed by 3'

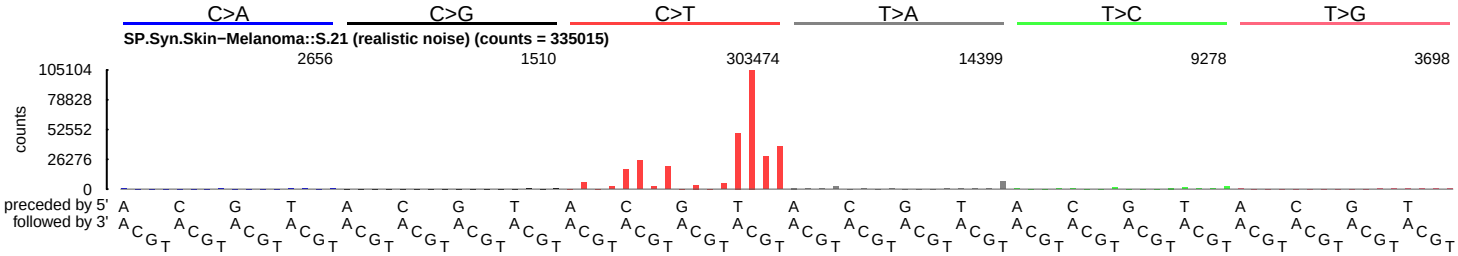

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Skin−Melanoma::S.16 (realistic noise) (counts = 76974)
799
394
66916
4146
3673
1046
counts
22072
16554
11036
5518
0
preceded by 5'
followed by 3'

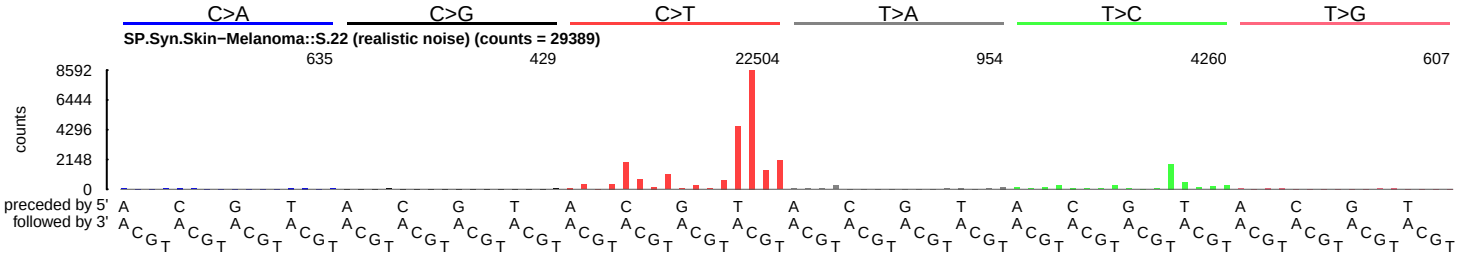

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Skin−Melanoma::S.17 (realistic noise) (counts = 85399)
4002
2927
46643
12129
15424
4274
counts
9404
7053
4702
2351
0
preceded by 5'
followed by 3'

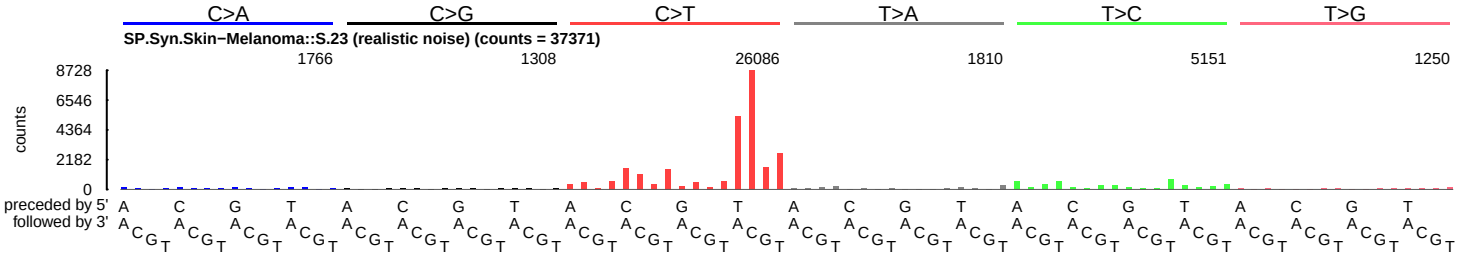

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Skin−Melanoma::S.18 (realistic noise) (counts = 261845)
3597
1631
237275
6646
9642
3054
counts
82220
61665
41110
20555
0
preceded by 5'
followed by 3'

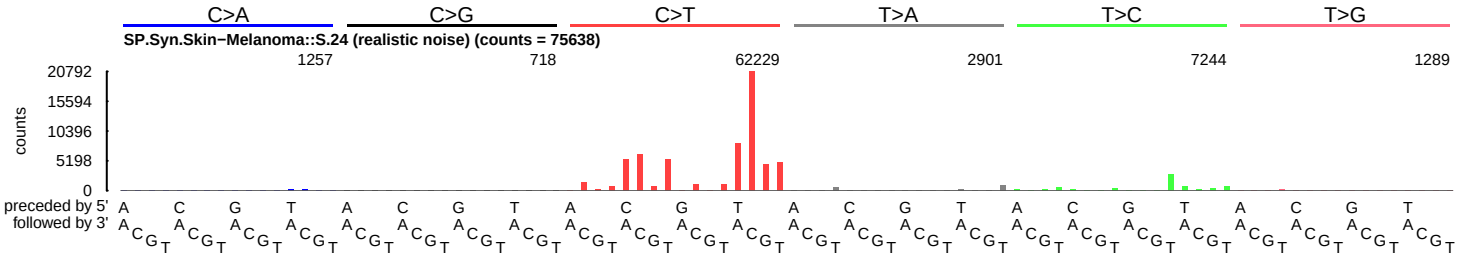

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Skin−Melanoma::S.19 (realistic noise) (counts = 122003)
2059
870
108280
2971
6067
1756
counts
26048
19536
13024
6512
0
preceded by 5'
followed by 3'

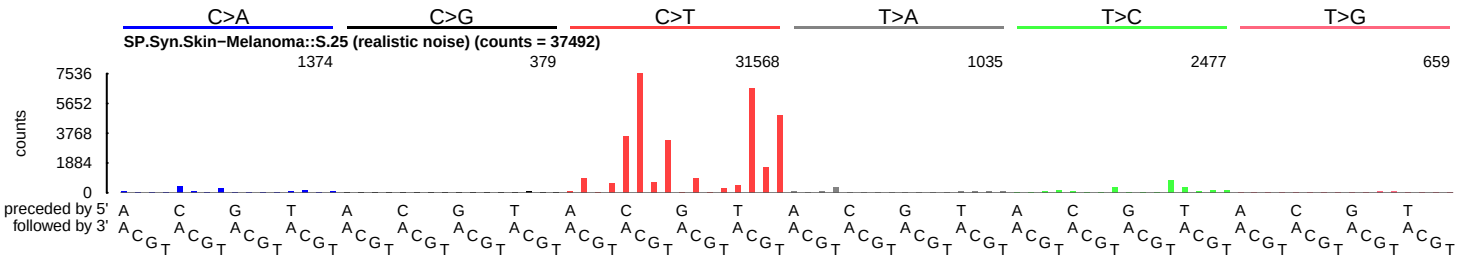

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Skin−Melanoma::S.20 (realistic noise) (counts = 373090)
4403
2506
341743
10890
9722
3826
counts
106976
80232
53488
26744
0
preceded by 5'
followed by 3'

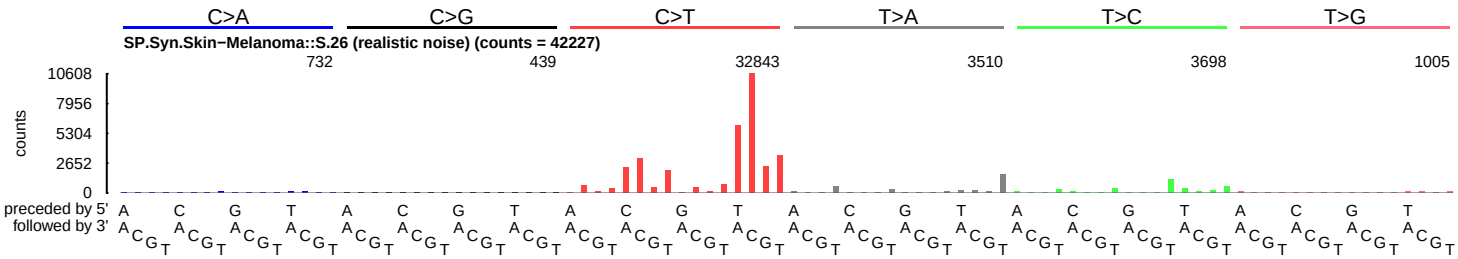

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Skin−Melanoma::S.21 (realistic noise) (counts = 335015)
2656
1510
303474
14399
9278
3698
105104
78828
52552
26276
0
counts
preceded by 5'
followed by 3'

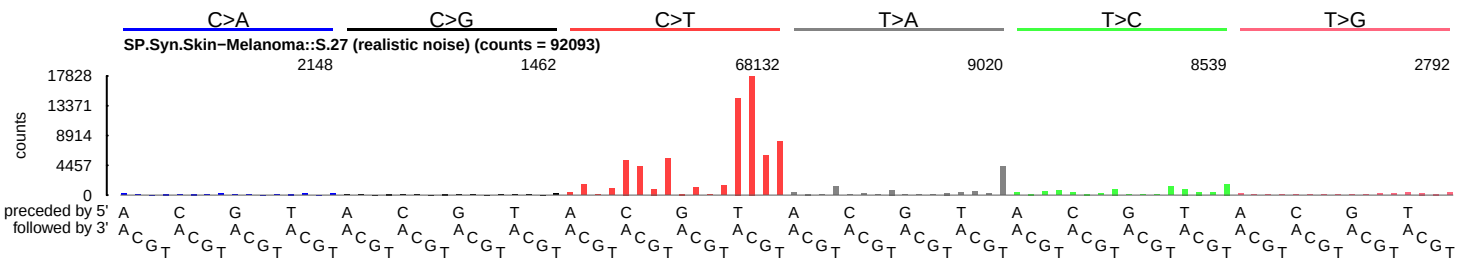

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Skin−Melanoma::S.22 (realistic noise) (counts = 29389)
635
429
22504
954
4260
607
8592
6444
4296
2148
0
counts
preceded by 5'
followed by 3'

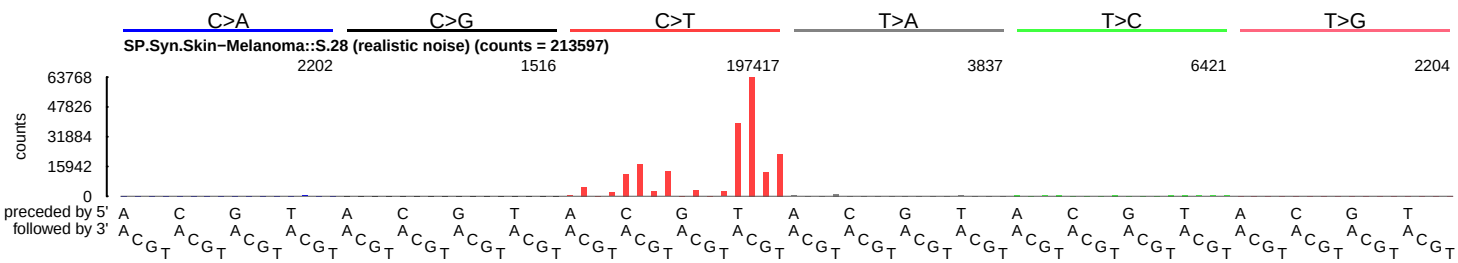

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Skin−Melanoma::S.23 (realistic noise) (counts = 37371)
1766
1308
26086
1810
5151
1250
8728
6546
4364
2182
0
counts
preceded by 5'
followed by 3'

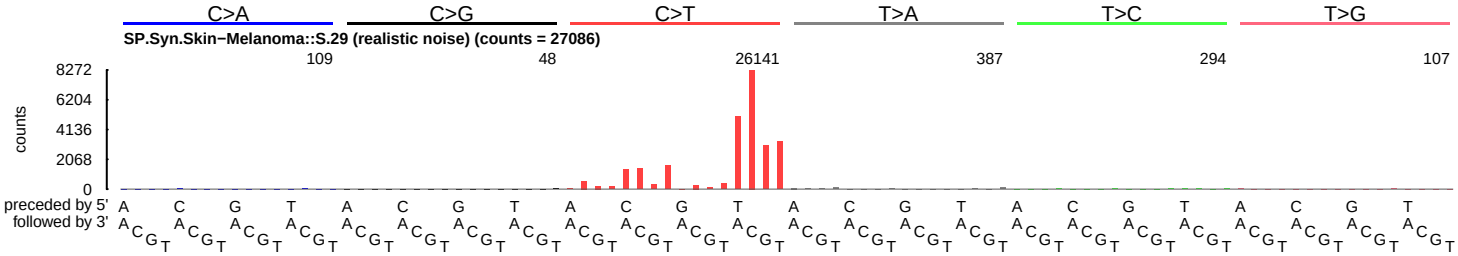

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Skin−Melanoma::S.24 (realistic noise) (counts = 75638)
1257
718
62229
2901
7244
1289
20792
15594
10396
5198
0
counts
preceded by 5'
followed by 3'

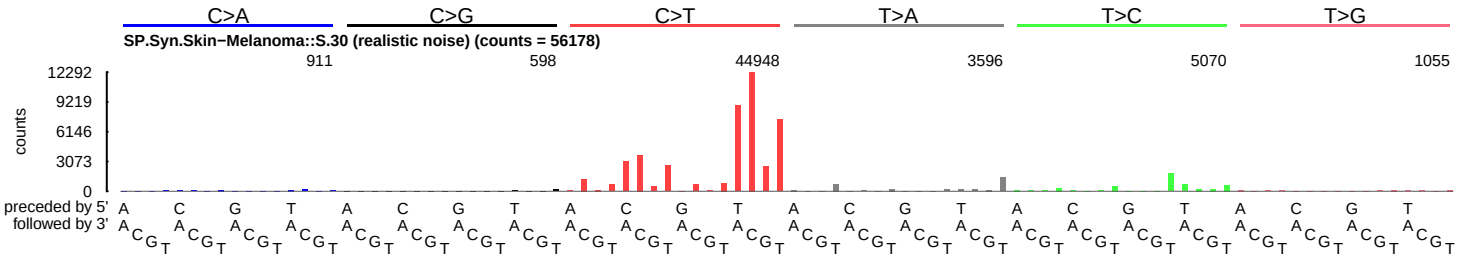

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Skin−Melanoma::S.25 (realistic noise) (counts = 37492)
1374
379
31568
1035
2477
659
7536
5652
3768
1884
0
counts
preceded by 5'
followed by 3'

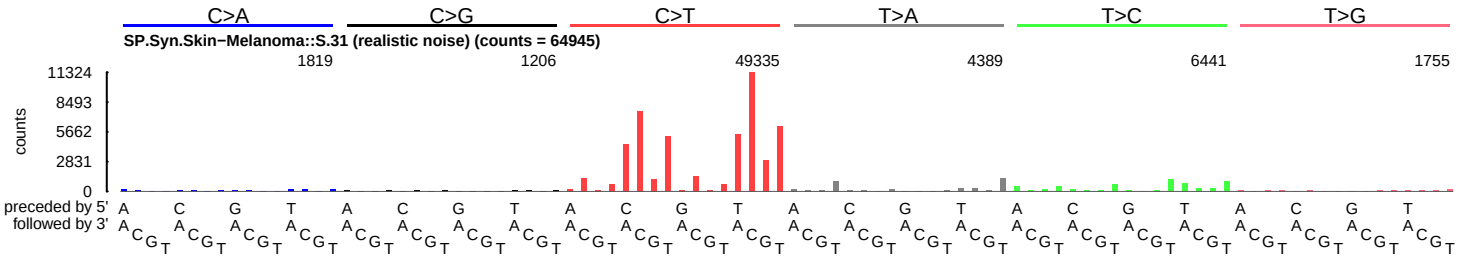

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Skin−Melanoma::S.26 (realistic noise) (counts = 42227)
732
439
32843
3510
3698
1005
10608
7956
5304
2652
0
counts
preceded by 5'
followed by 3'

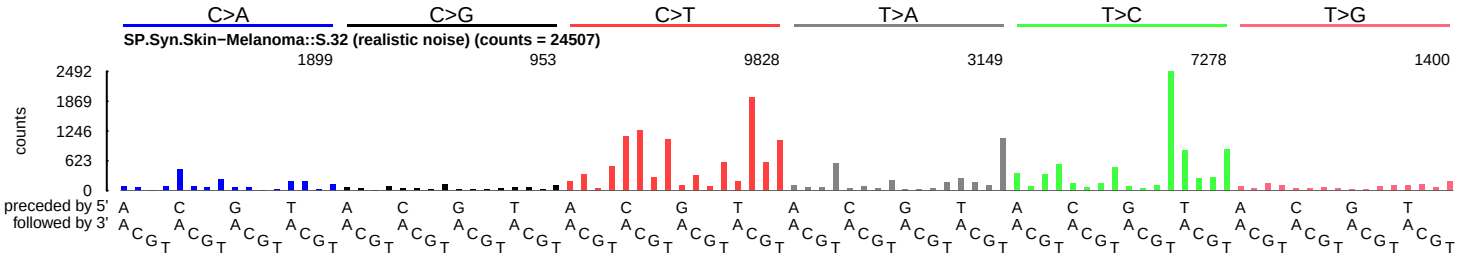

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Skin−Melanoma::S.27 (realistic noise) (counts = 92093)
2148
1462
68132
9020
8539
2792
17828
13371
8914
4457
0
counts
preceded by 5'
followed by 3'

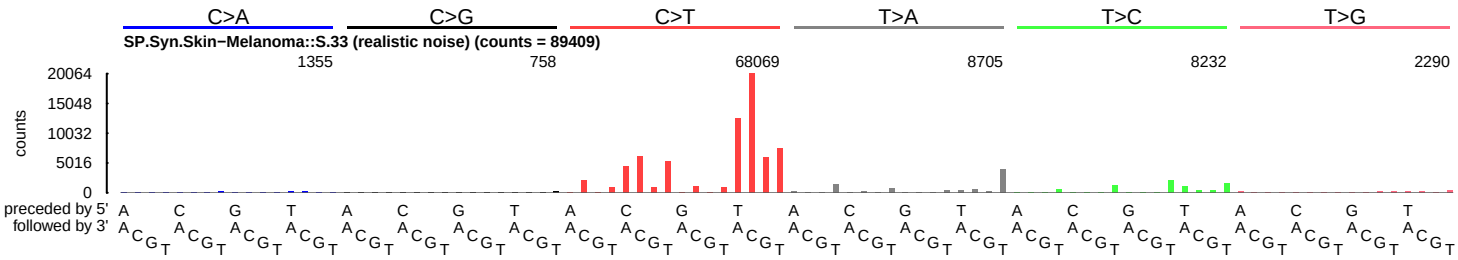

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Skin−Melanoma::S.28 (realistic noise) (counts = 213597)
2202
1516
197417
3837
6421
2204
63768
47826
31884
15942
0
counts
preceded by 5'
followed by 3'

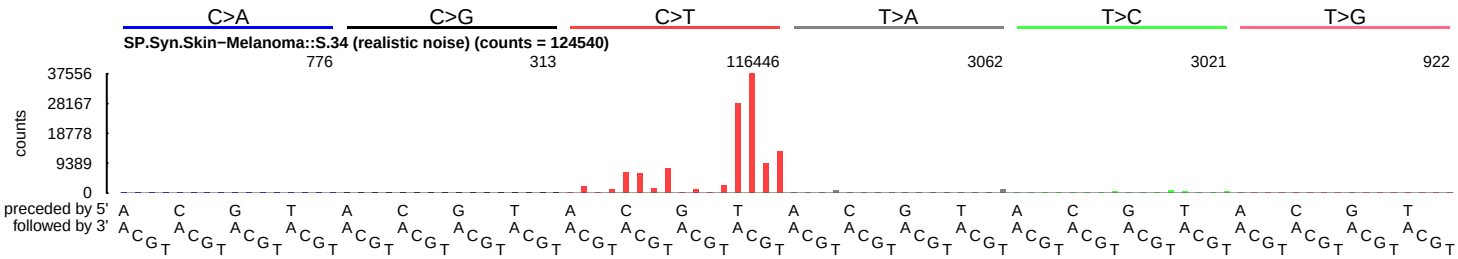

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Skin−Melanoma::S.29 (realistic noise) (counts = 27086)
109
48
26141
387
294
107
8272
6204
4136
2068
0
counts
preceded by 5'
followed by 3'

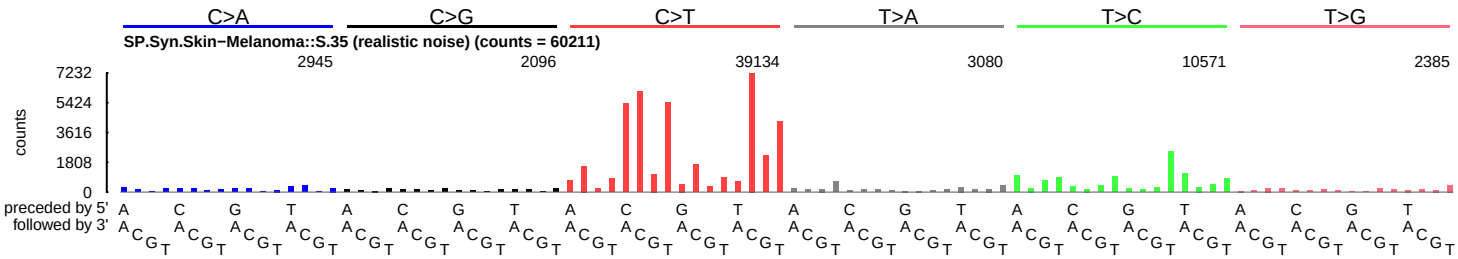

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Skin−Melanoma::S.30 (realistic noise) (counts = 56178)
911
598
44948
3596
5070
1055
12292
9219
6146
3073
0
counts
preceded by 5'
followed by 3'

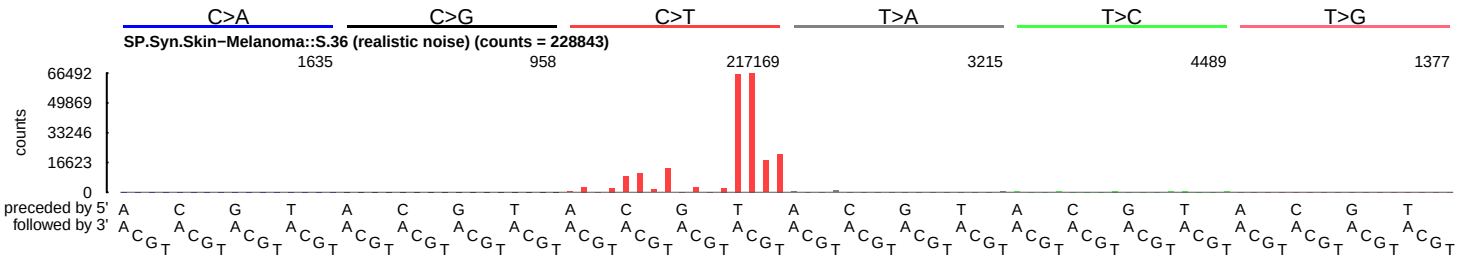

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Skin−Melanoma::S.31 (realistic noise) (counts = 64945)
1819
1206
49335
4389
6441
1755
11324
8493
5662
2831
0
counts
preceded by 5'
followed by 3'

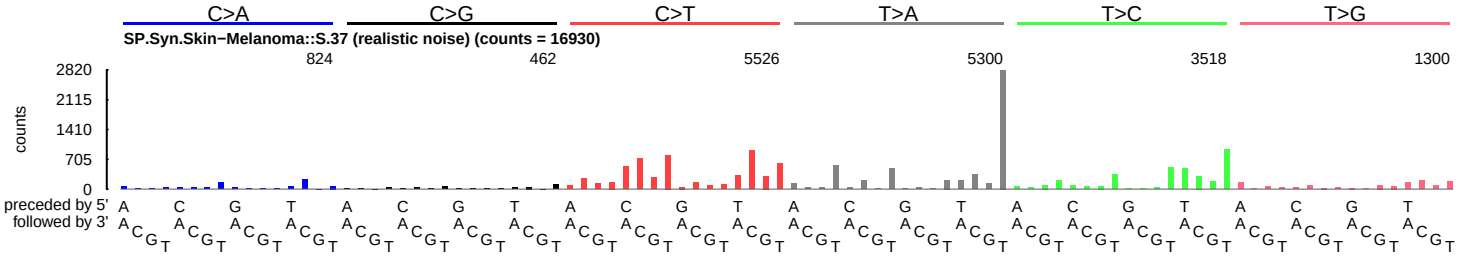

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Skin−Melanoma::S.32 (realistic noise) (counts = 24507)
1899
953
9828
3149
7278
1400
2492
1869
1246
623
0
counts
preceded by 5'
followed by 3'

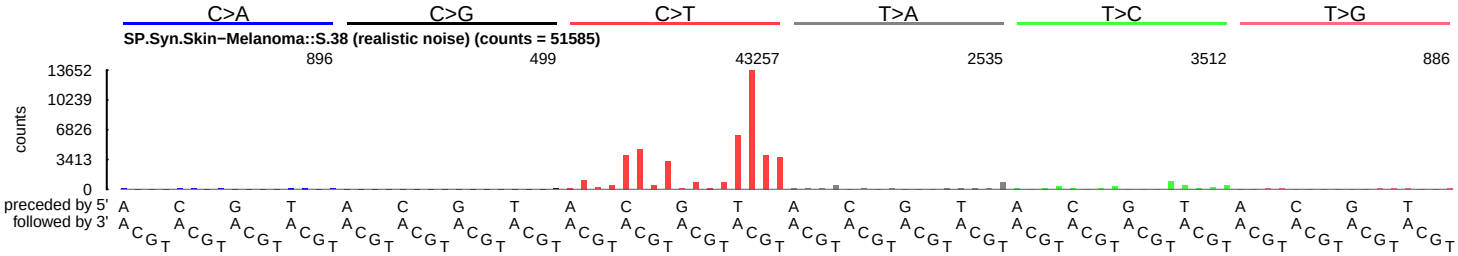

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Skin−Melanoma::S.33 (realistic noise) (counts = 89409)
1355
758
68069
8705
8232
2290
20064
15048
10032
5016
0
counts
preceded by 5'
followed by 3'

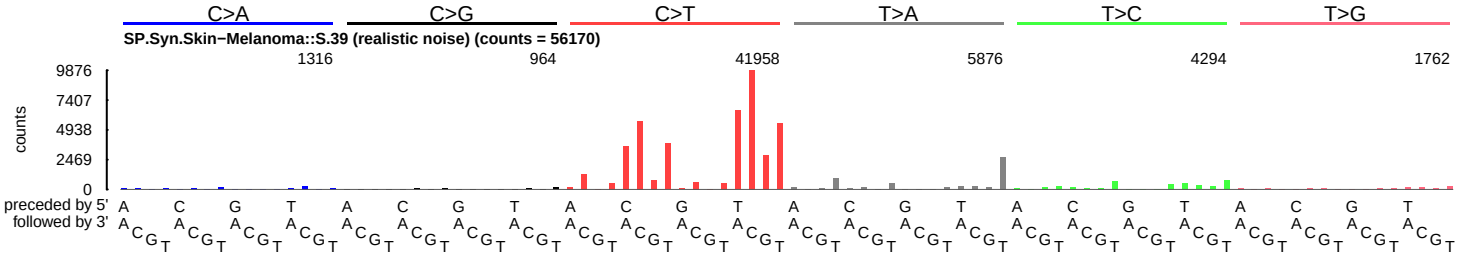

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Skin−Melanoma::S.34 (realistic noise) (counts = 124540)
776
313
116446
3062
3021
922
37556
28167
18778
9389
0
counts
preceded by 5'
followed by 3'

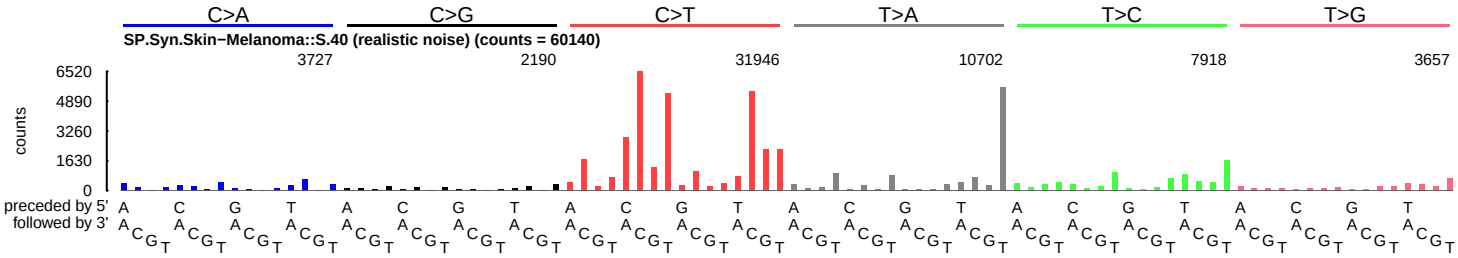

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Skin−Melanoma::S.35 (realistic noise) (counts = 60211)
2945
2096
39134
3080
10571
2385
7232
5424
3616
1808
0
counts
preceded by 5'
followed by 3'

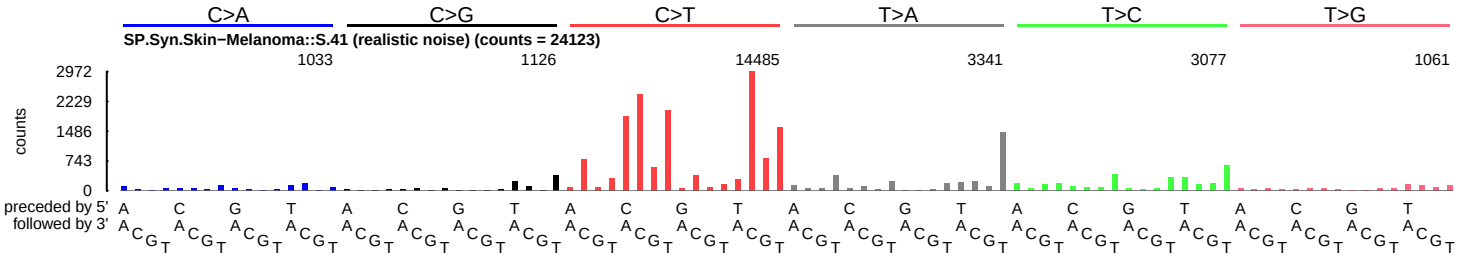

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Skin−Melanoma::S.36 (realistic noise) (counts = 228843)
1635
958
217169
3215
4489
1377
66492
49869
33246
16623
0
counts
preceded by 5'
followed by 3'

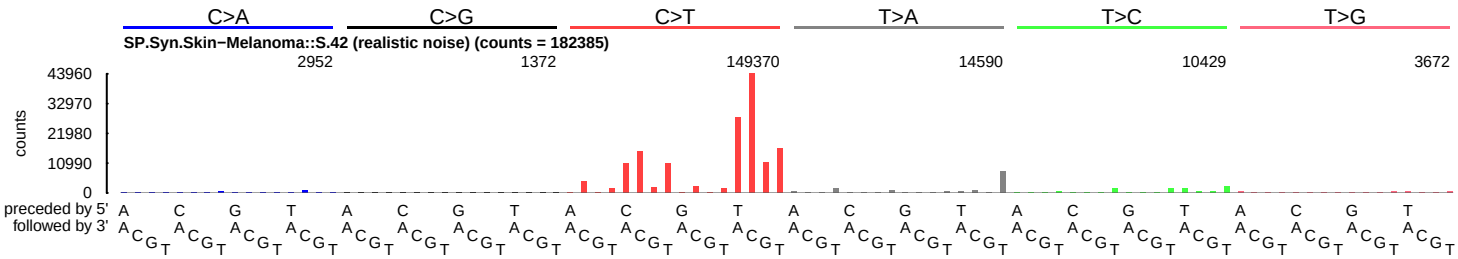

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Skin−Melanoma::S.37 (realistic noise) (counts = 16930)
824
462
5526
5300
3518
1300
counts
2820
2115
1410
705
0
preceded by 5'
followed by 3'

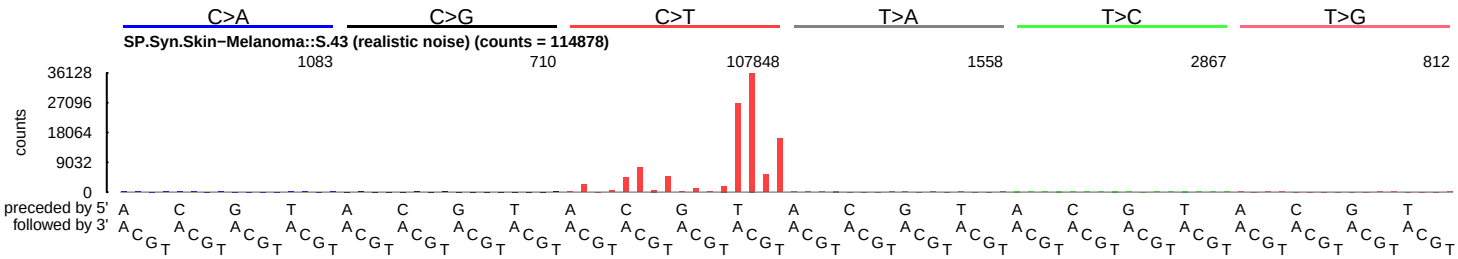

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Skin−Melanoma::S.38 (realistic noise) (counts = 51585)
896
499
43257
2535
3512
886
counts
13652
10239
6826
3413
0
preceded by 5'
followed by 3'

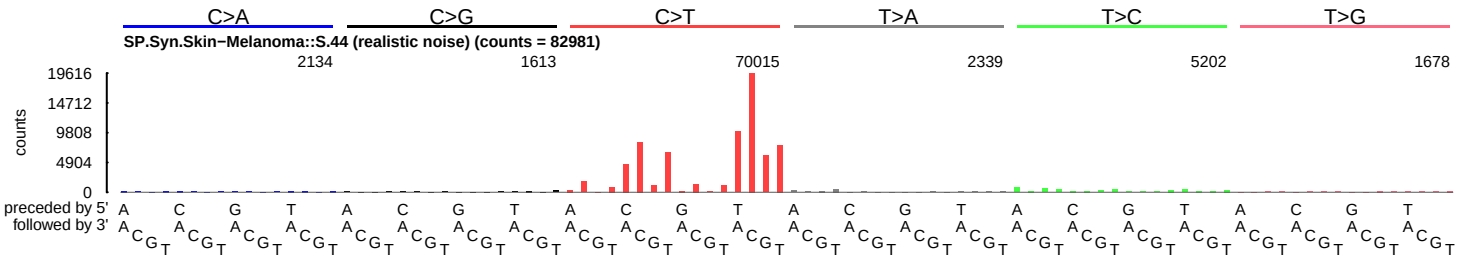

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Skin−Melanoma::S.39 (realistic noise) (counts = 56170)
1316
964
41958
5876
4294
1762
counts
9876
7407
4938
2469
0
preceded by 5'
followed by 3'

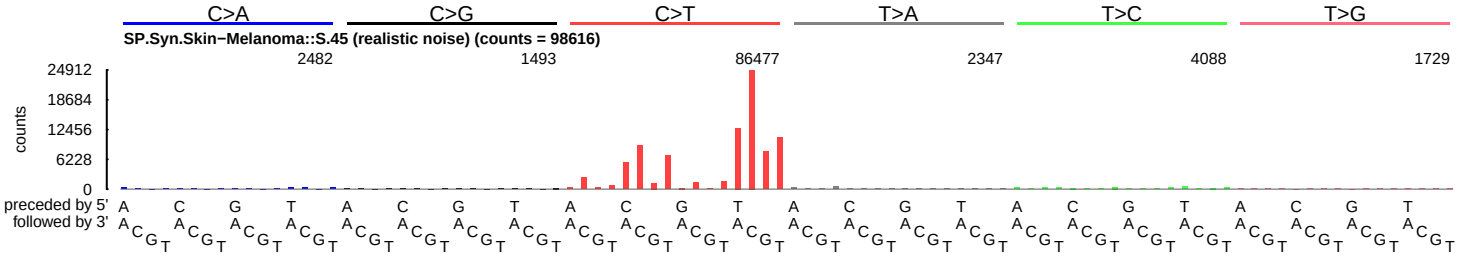

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Skin−Melanoma::S.40 (realistic noise) (counts = 60140)
3727
2190
31946
10702
7918
3657
counts
6520
4890
3260
1630
0
preceded by 5'
followed by 3'

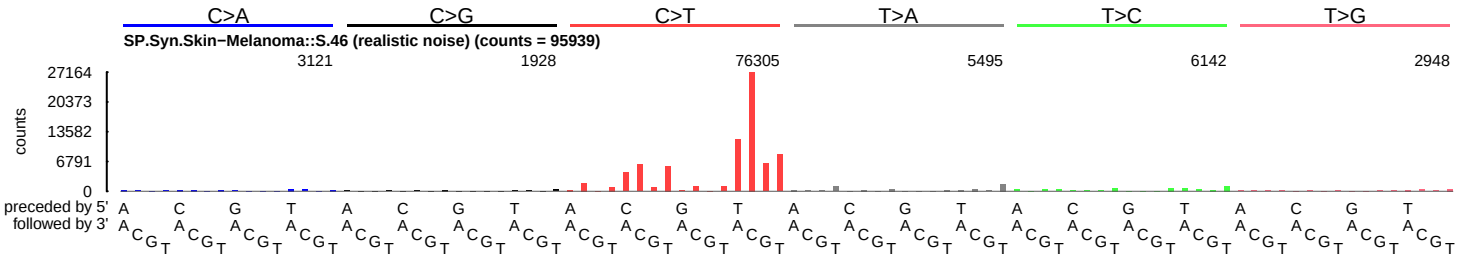

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Skin−Melanoma::S.41 (realistic noise) (counts = 24123)
1033
1126
14485
3341
3077
1061
counts
2972
2229
1486
743
0
preceded by 5'
followed by 3'

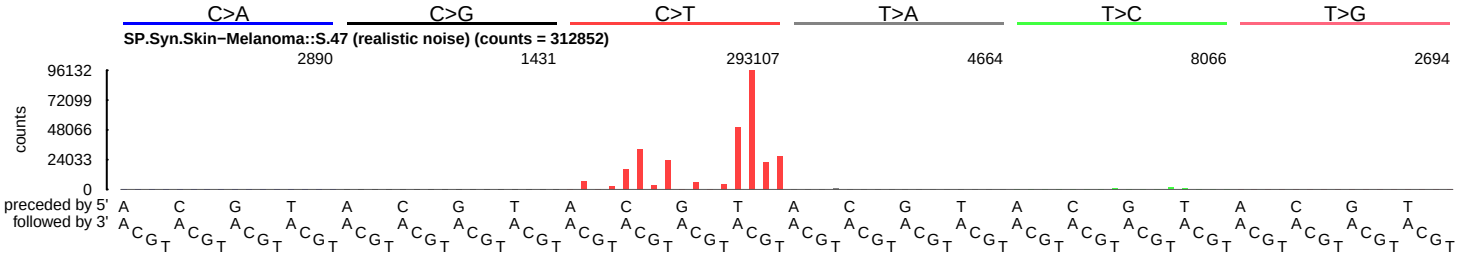

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Skin−Melanoma::S.42 (realistic noise) (counts = 182385)
2952
1372
149370
14590
10429
3672
counts
43960
32970
21980
10990
0
preceded by 5'
followed by 3'

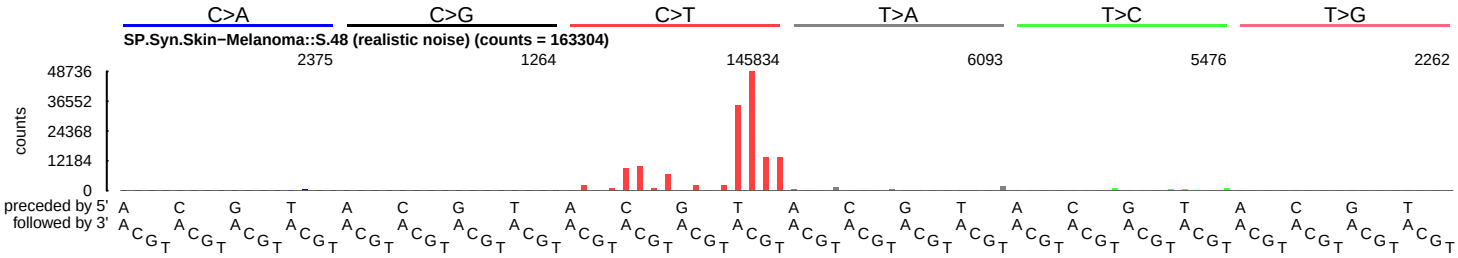

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Skin−Melanoma::S.43 (realistic noise) (counts = 114878)
1083
710
107848
1558
2867
812
counts
36128
27096
18064
9032
0
preceded by 5'
followed by 3'

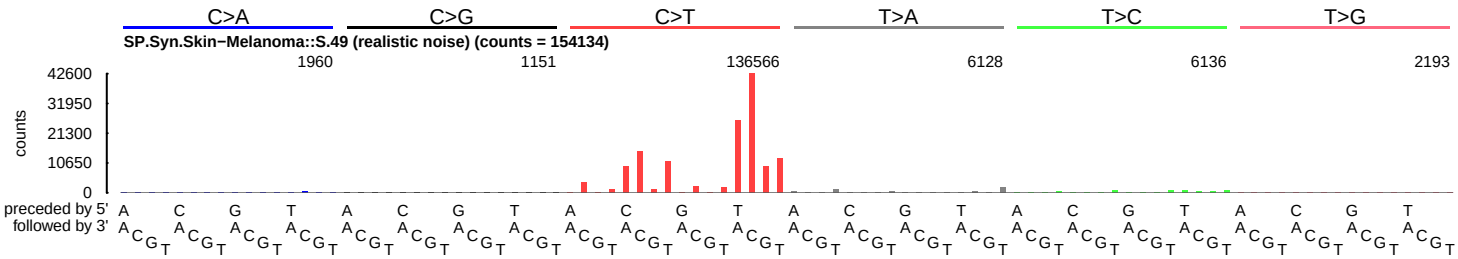

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Skin−Melanoma::S.44 (realistic noise) (counts = 82981)
2134
1613
70015
2339
5202
1678
counts
19616
14712
9808
4904
0
preceded by 5'
followed by 3'

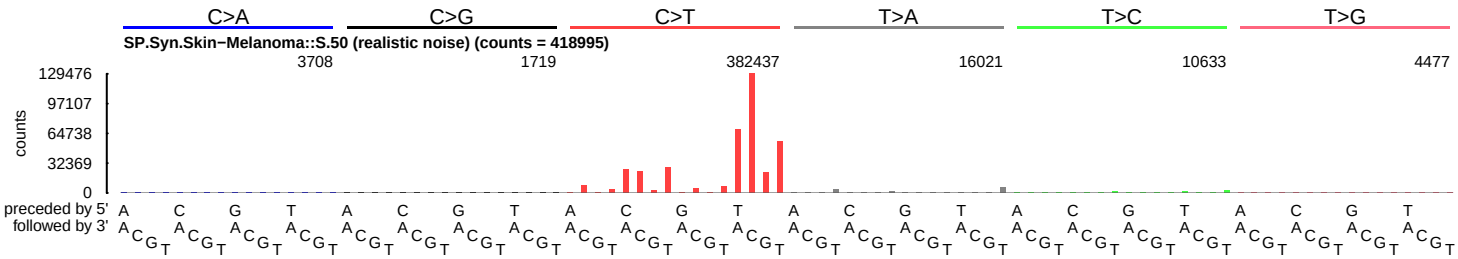

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Skin−Melanoma::S.45 (realistic noise) (counts = 98616)
2482
1493
86477
2347
4088
1729
counts
24912
18684
12456
6228
0
preceded by 5'
followed by 3'

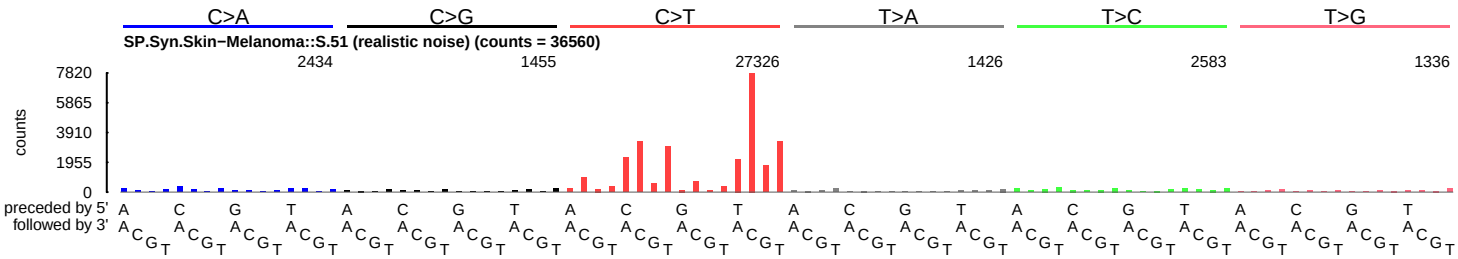

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Skin−Melanoma::S.46 (realistic noise) (counts = 95939)
3121
1928
76305
5495
6142
2948
counts
27164
20373
13582
6791
0
preceded by 5'
followed by 3'

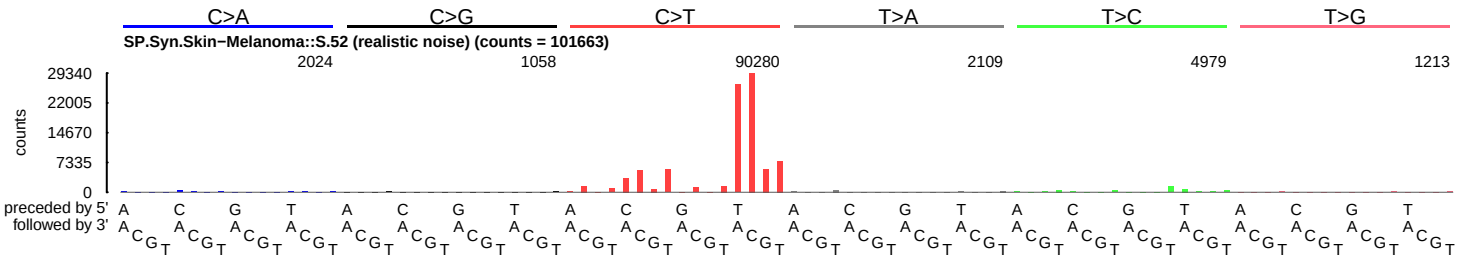

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Skin−Melanoma::S.47 (realistic noise) (counts = 312852)
2890
1431
293107
4664
8066
2694
counts
96132
72099
48066
24033
0
preceded by 5'
followed by 3'

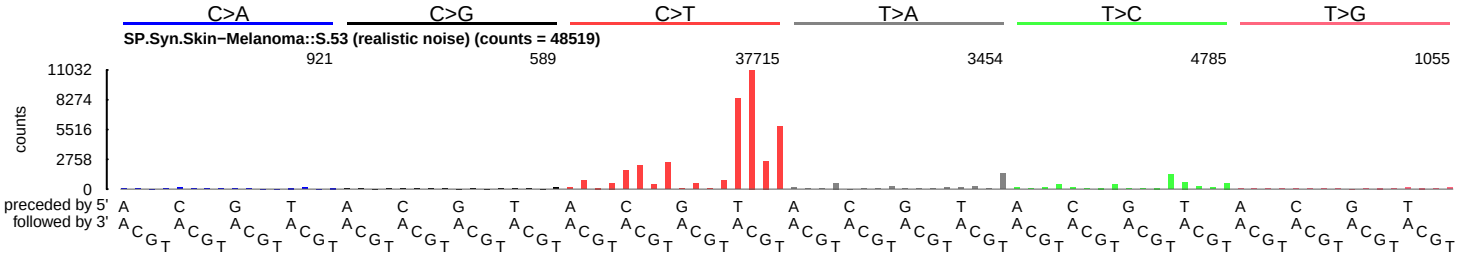

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Skin−Melanoma::S.48 (realistic noise) (counts = 163304)
2375
1264
145834
6093
5476
2262
counts
48736
36552
24368
12184
0
preceded by 5'
followed by 3'

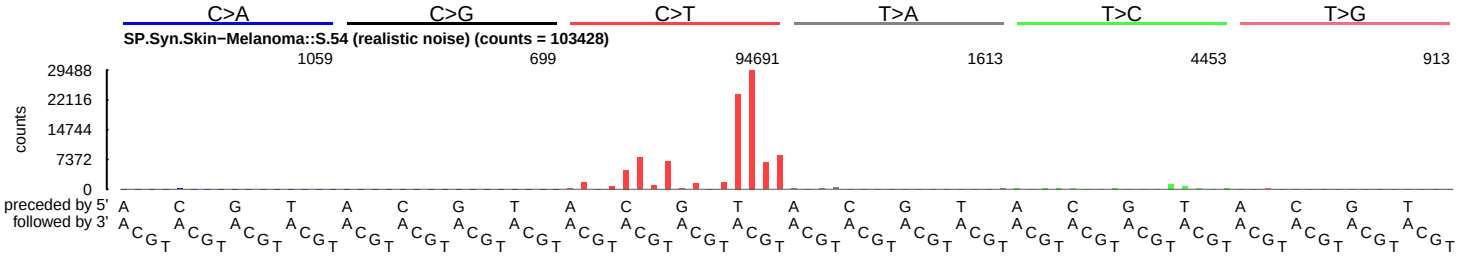

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Skin−Melanoma::S.49 (realistic noise) (counts = 154134)
1960
1151
136566
6128
6136
2193
counts
42600
31950
21300
10650
0
preceded by 5'
followed by 3'

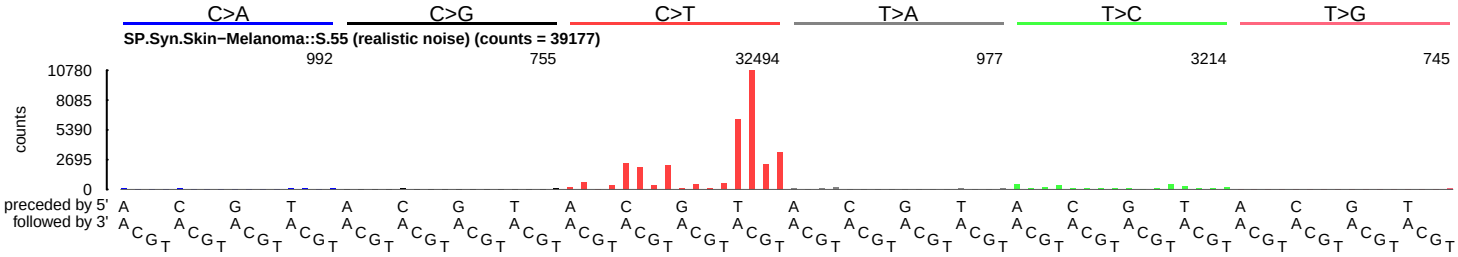

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Skin−Melanoma::S.50 (realistic noise) (counts = 418995)
3708
1719
382437
16021
10633
4477
counts
129476
97107
64738
32369
0
preceded by 5'
followed by 3'

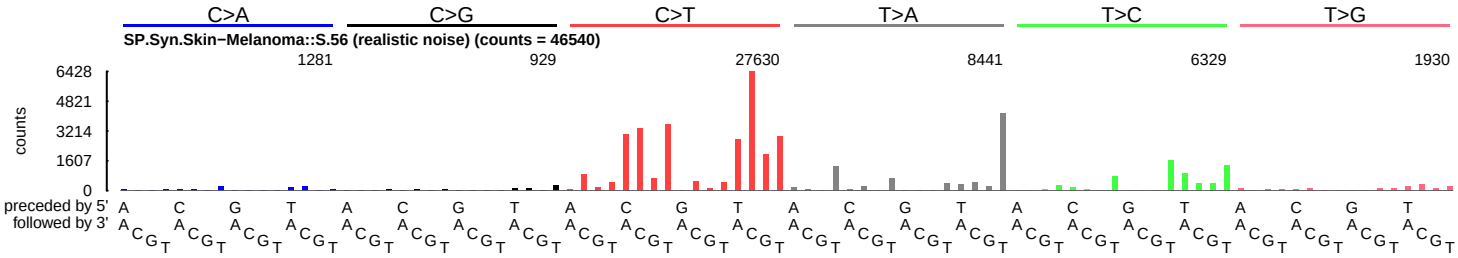

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Skin−Melanoma::S.51 (realistic noise) (counts = 36560)
2434
1455
27326
1426
2583
1336
counts
7820
5865
3910
1955
0
preceded by 5'
followed by 3'

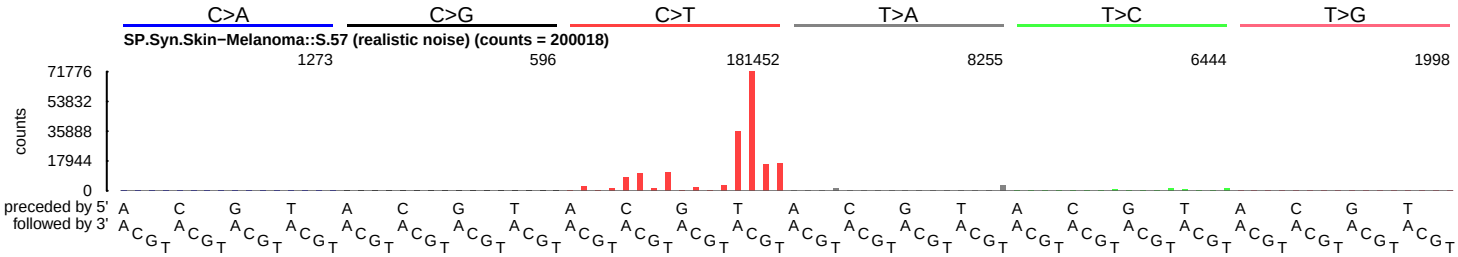

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Skin−Melanoma::S.52 (realistic noise) (counts = 101663)
2024
1058
90280
2109
4979
1213
counts
29340
22005
14670
7335
0
preceded by 5'
followed by 3'

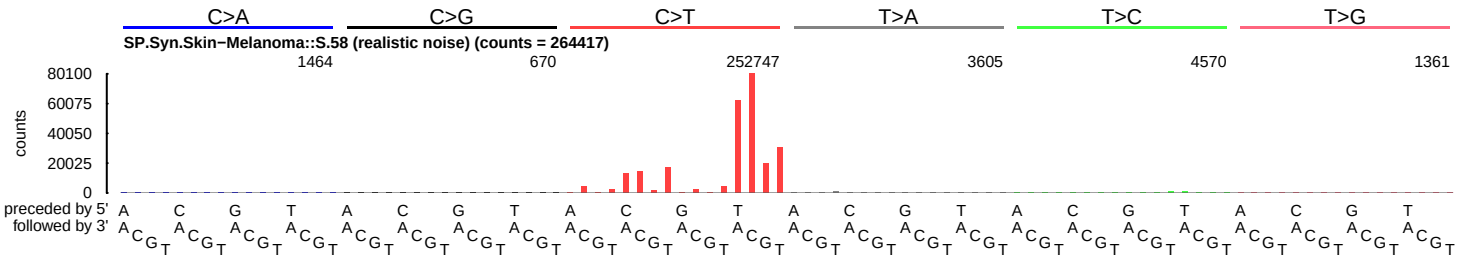

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Skin−Melanoma::S.53 (realistic noise) (counts = 48519)
921
589
37715
3454
4785
1055
counts
11032
8274
5516
2758
0
preceded by 5'
followed by 3'

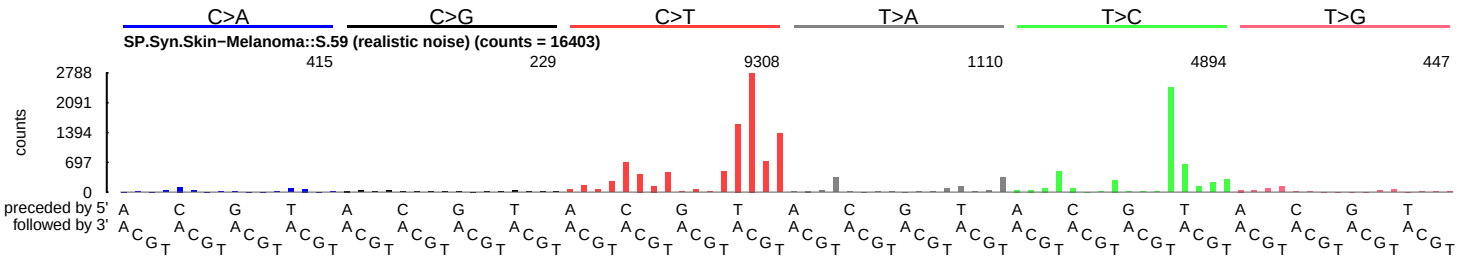

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Skin−Melanoma::S.54 (realistic noise) (counts = 103428)
1059
699
94691
1613
4453
913
counts
29488
22116
14744
7372
0
preceded by 5'
followed by 3'

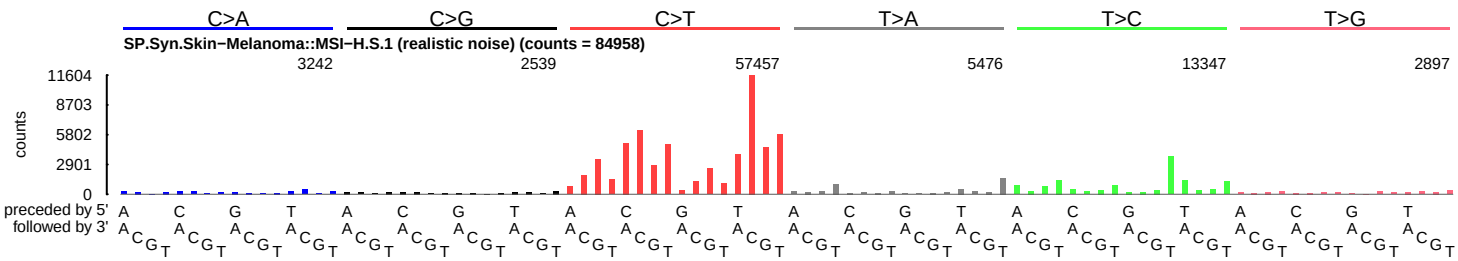

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Skin−Melanoma::S.55 (realistic noise) (counts = 39177)
992
755
32494
977
3214
745
counts
10780
8085
5390
2695
0
preceded by 5'
followed by 3'

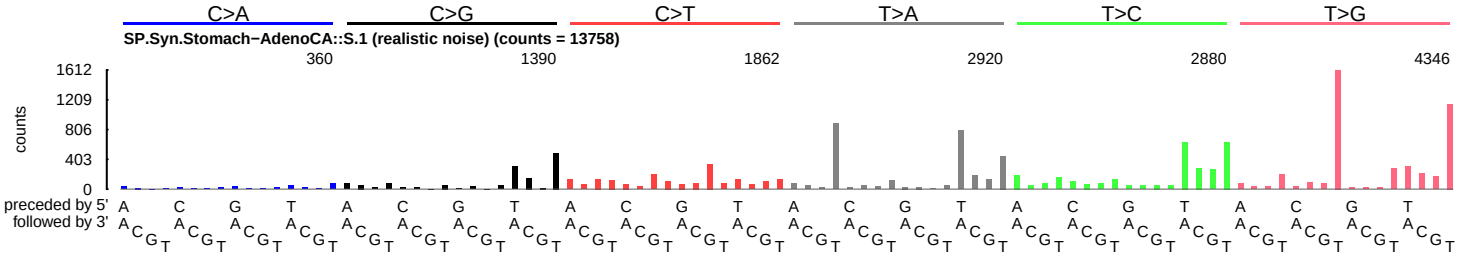

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Skin−Melanoma::S.56 (realistic noise) (counts = 46540)
1281
929
27630
8441
6329
1930
counts
6428
4821
3214
1607
0
preceded by 5'
followed by 3'

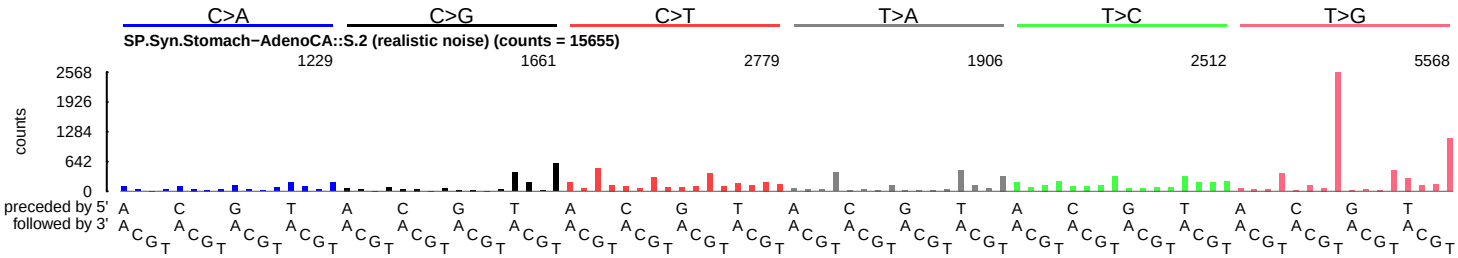

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Skin−Melanoma::S.57 (realistic noise) (counts = 200018)
1273
596
181452
8255
6444
1998
counts
71776
53832
35888
17944
0
preceded by 5'
followed by 3'

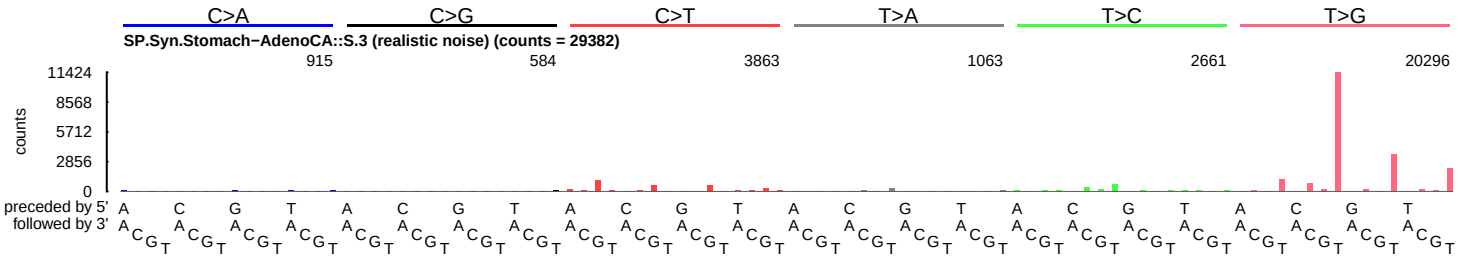

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Skin−Melanoma::S.58 (realistic noise) (counts = 264417)
1464
670
252747
3605
4570
1361
counts
80100
60075
40050
20025
0
preceded by 5'
followed by 3'

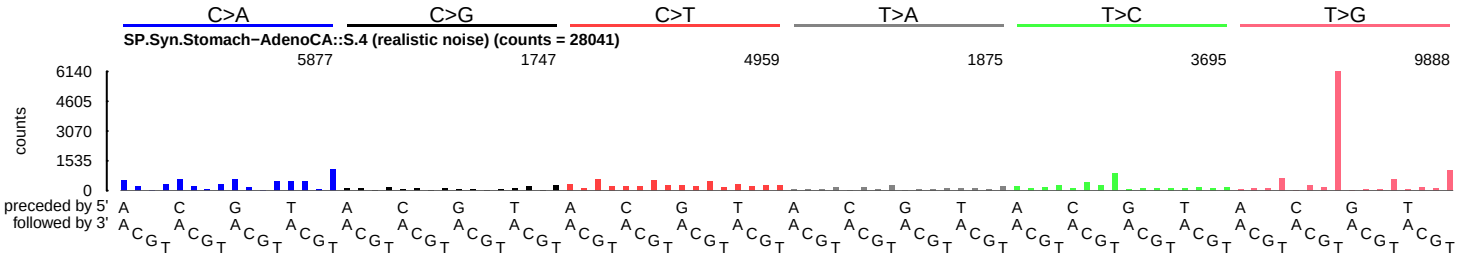

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Skin−Melanoma::S.59 (realistic noise) (counts = 16403)
415
229
9308
1110
4894
447
counts
2788
2091
1394
697
0
preceded by 5'
followed by 3'

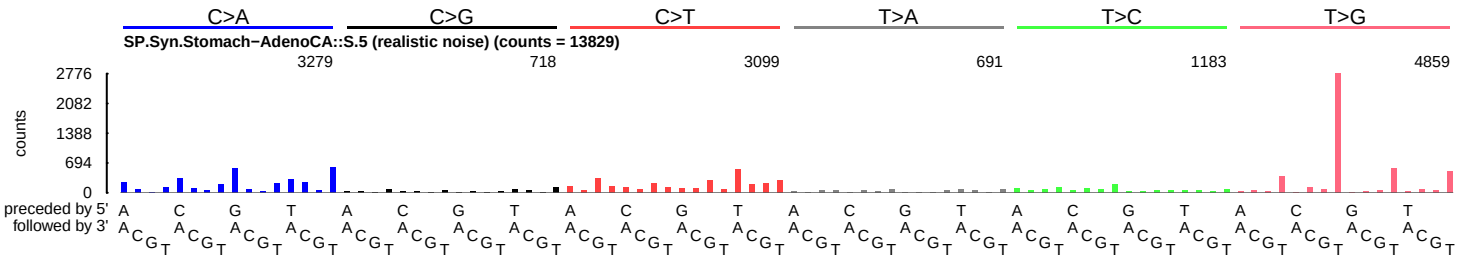

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Skin−Melanoma::MSI−H.S.1 (realistic noise) (counts = 84958)
3242
2539
57457
5476
13347
2897
counts
11604
8703
5802
2901
0
preceded by 5'
followed by 3'

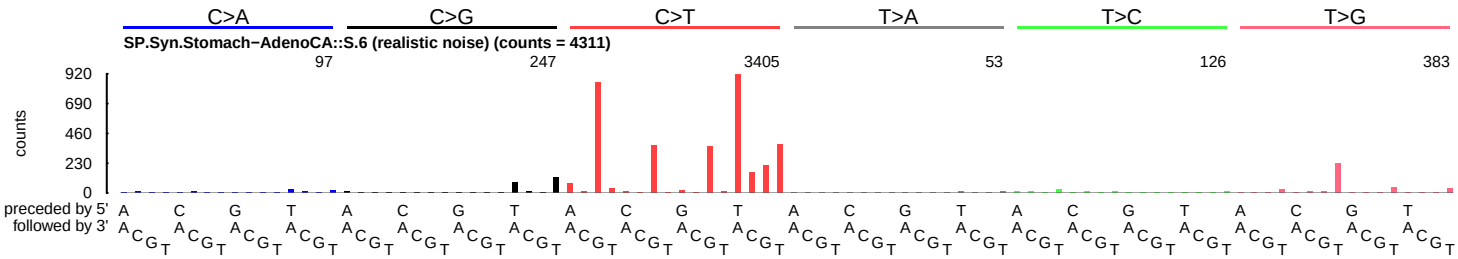

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Stomach−AdenoCA::S.1 (realistic noise) (counts = 13758)
360
1390
1862
2920
2880
4346
counts
1612
1209
806
403
0
preceded by 5'
followed by 3'

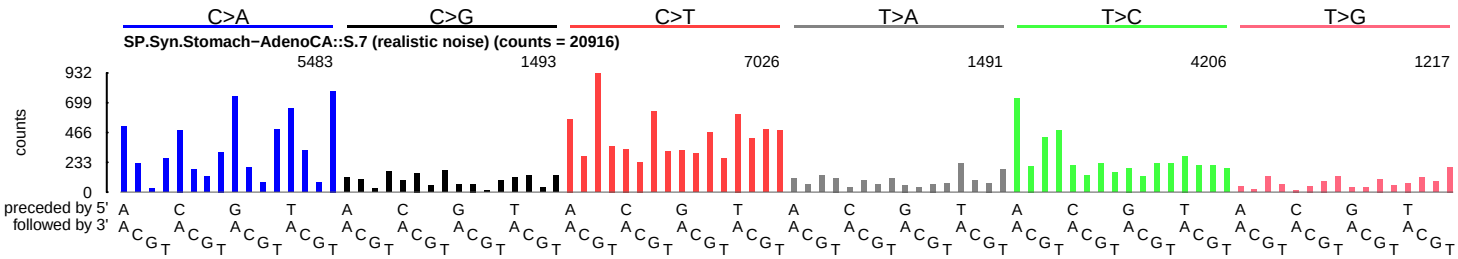

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Stomach−AdenoCA::S.2 (realistic noise) (counts = 15655)
1229
1661
2779
1906
2512
5568
counts
2568
1926
1284
642
0
preceded by 5'
followed by 3'

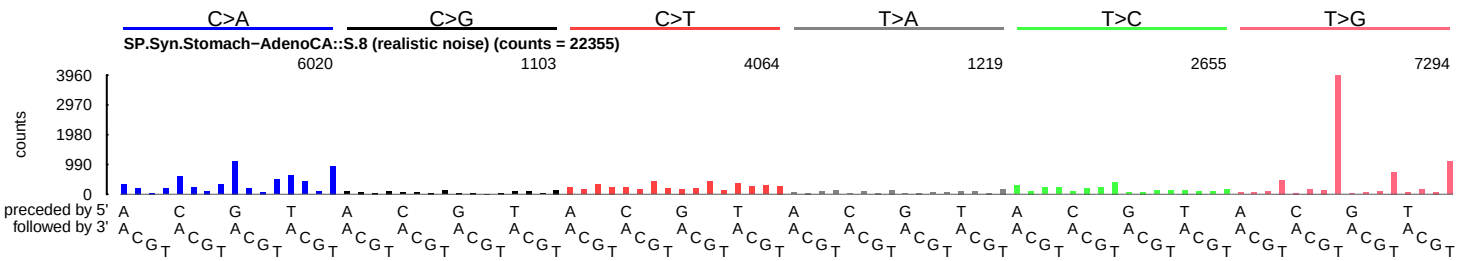

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Stomach−AdenoCA::S.3 (realistic noise) (counts = 29382)
915
584
3863
1063
2661
20296
counts
11424
8568
5712
2856
0
preceded by 5'
followed by 3'

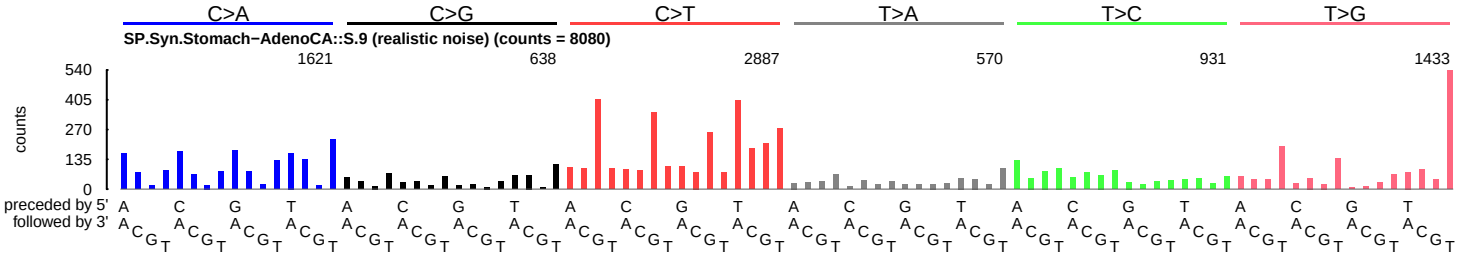

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Stomach−AdenoCA::S.4 (realistic noise) (counts = 28041)
5877
1747
4959
1875
3695
9888
counts
6140
4605
3070
1535
0
preceded by 5'
followed by 3'

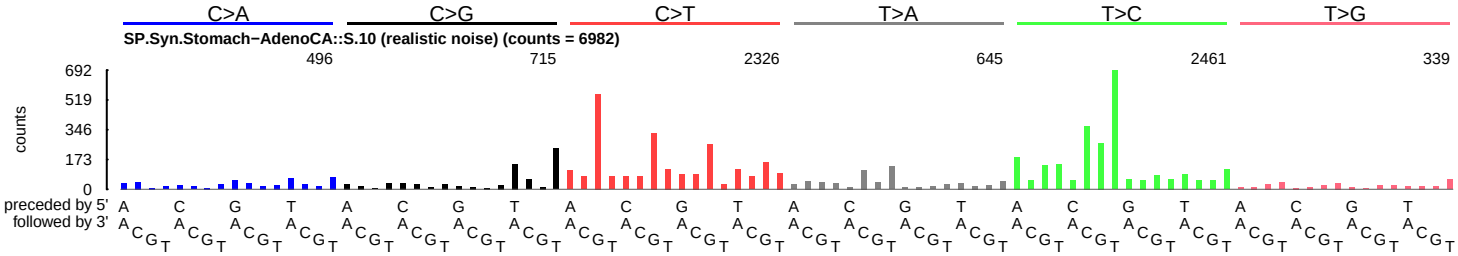

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Stomach−AdenoCA::S.5 (realistic noise) (counts = 13829)
3279
718
3099
691
1183
4859
counts
2776
2082
1388
694
0
preceded by 5'
followed by 3'

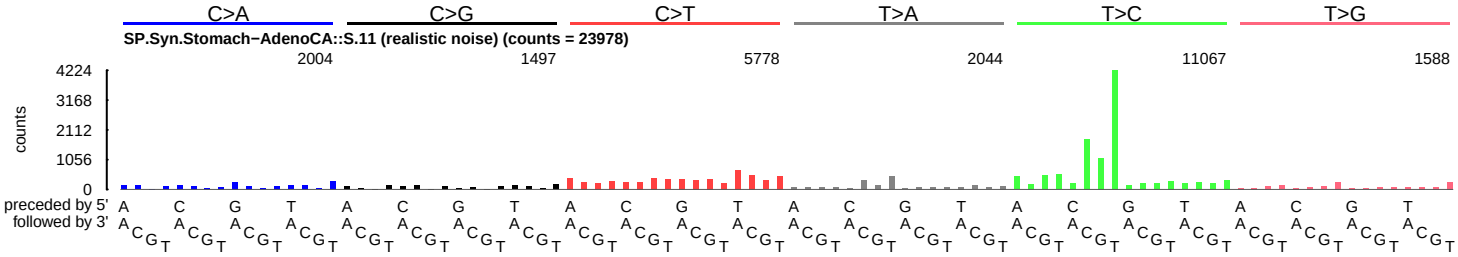

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Stomach−AdenoCA::S.6 (realistic noise) (counts = 4311)
97
247
3405
53
126
383
counts
920
690
460
230
0
preceded by 5'
followed by 3'

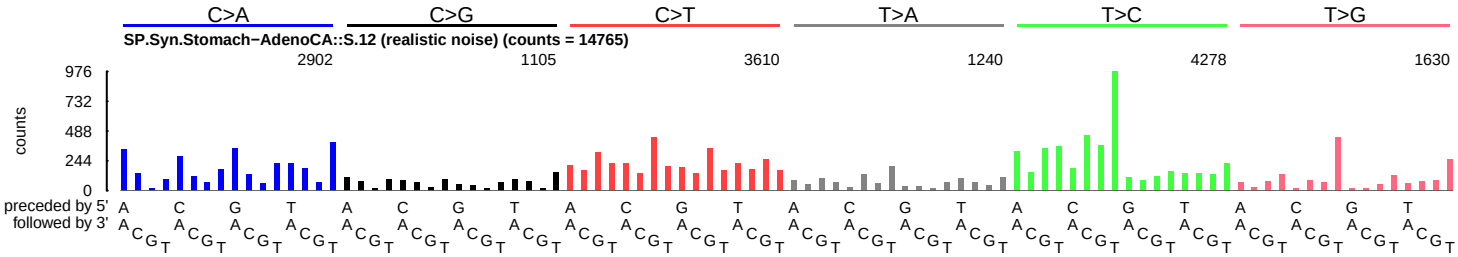

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Stomach−AdenoCA::S.7 (realistic noise) (counts = 20916)
5483
1493
7026
1491
4206
1217
counts
932
699
466
233
0
preceded by 5'
followed by 3'

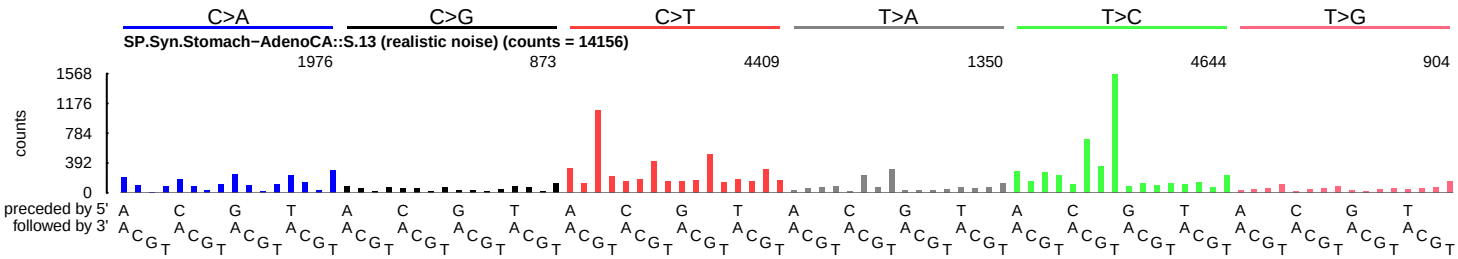

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Stomach−AdenoCA::S.8 (realistic noise) (counts = 22355)
6020
1103
4064
1219
2655
7294
counts
3960
2970
1980
990
0
preceded by 5'
followed by 3'

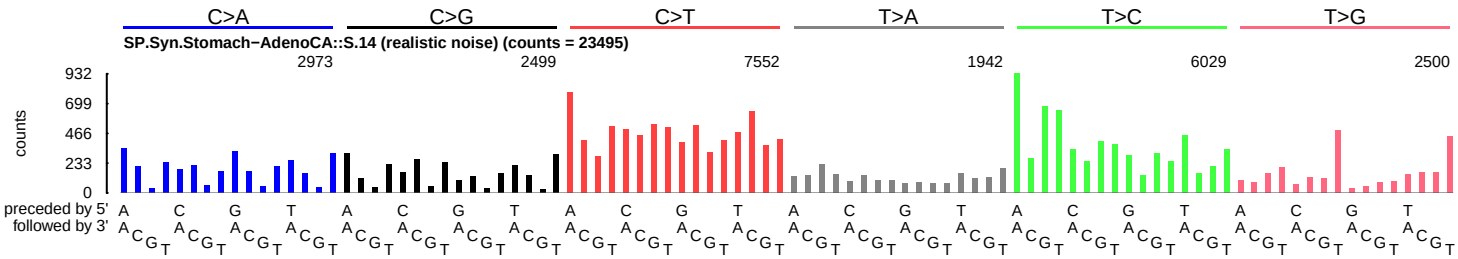

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Stomach−AdenoCA::S.9 (realistic noise) (counts = 8080)
1621
638
2887
570
931
1433
540
405
270
135
0
counts
preceded by 5'
followed by 3'

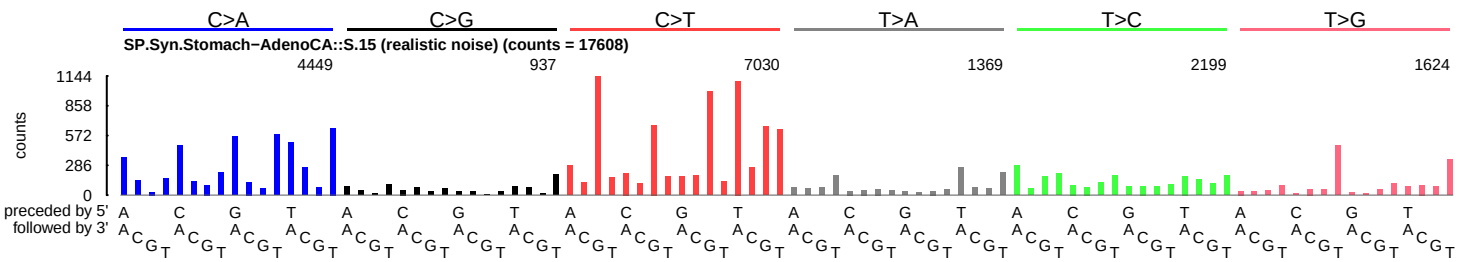

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Stomach−AdenoCA::S.10 (realistic noise) (counts = 6982)
496
715
2326
645
2461
339
692
519
346
173
0
counts
preceded by 5'
followed by 3'

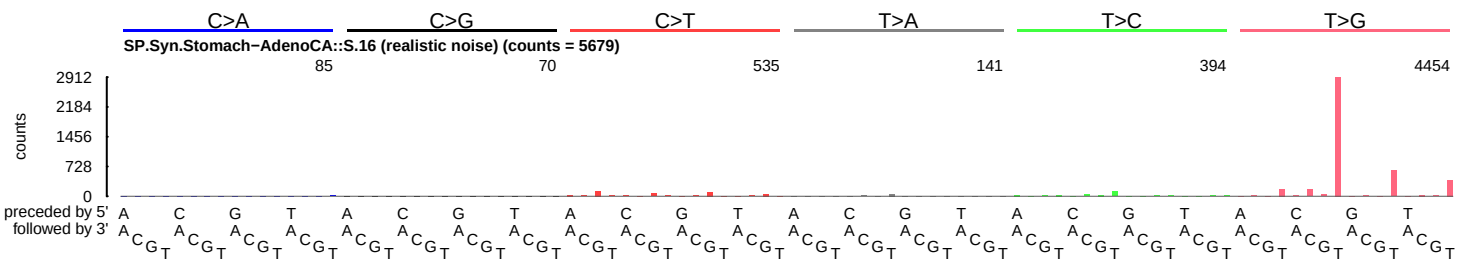

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Stomach−AdenoCA::S.11 (realistic noise) (counts = 23978)
2004
1497
5778
2044
11067
1588
4224
3168
2112
1056
0
counts
preceded by 5'
followed by 3'

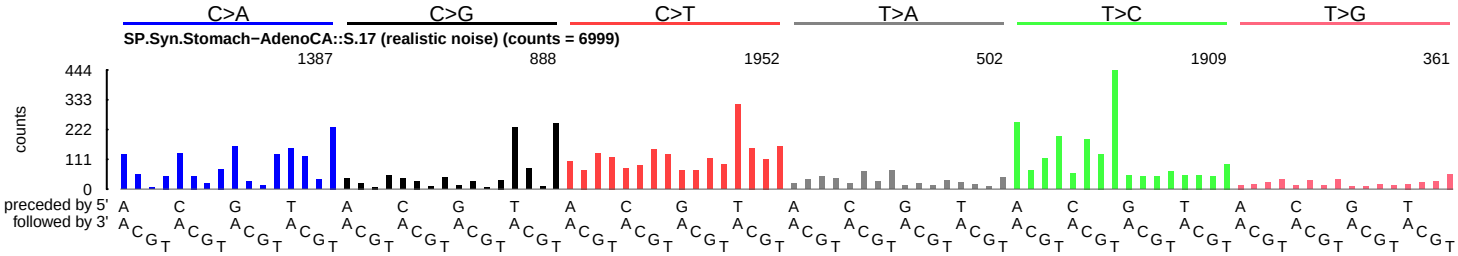

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Stomach−AdenoCA::S.12 (realistic noise) (counts = 14765)
2902
1105
3610
1240
4278
1630
976
732
488
244
0
counts
preceded by 5'
followed by 3'

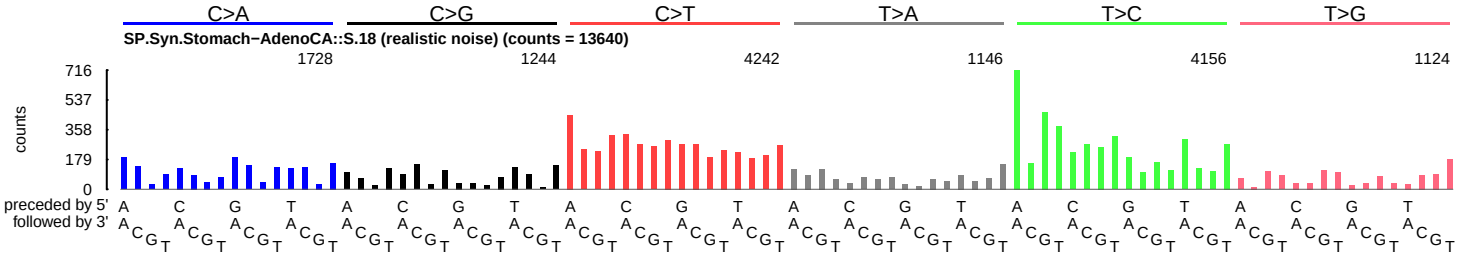

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Stomach−AdenoCA::S.13 (realistic noise) (counts = 14156)
1976
873
4409
1350
4644
904
1568
1176
784
392
0
counts
preceded by 5'
followed by 3'

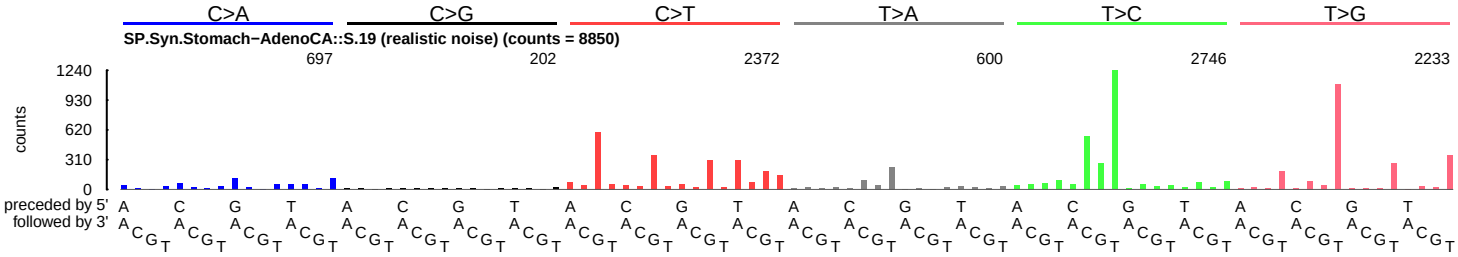

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Stomach−AdenoCA::S.14 (realistic noise) (counts = 23495)
2973
2499
7552
1942
6029
2500
932
699
466
233
0
counts
preceded by 5'
followed by 3'

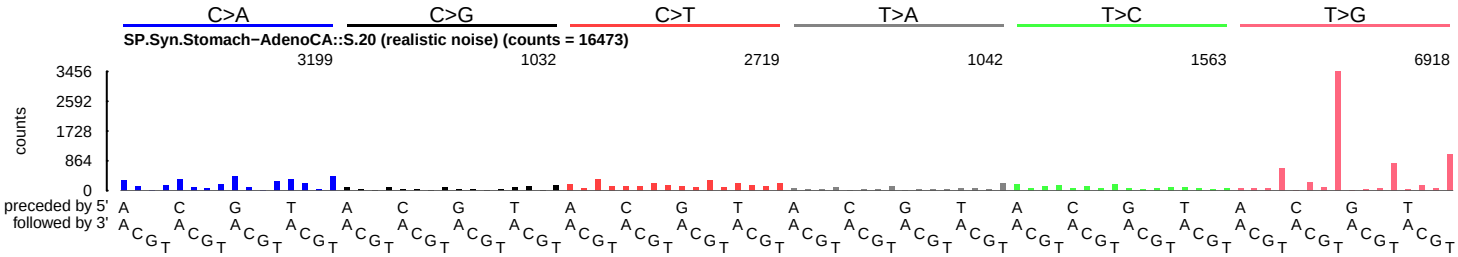

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Stomach−AdenoCA::S.15 (realistic noise) (counts = 17608)
4449
937
7030
1369
2199
1624
1144
858
572
286
0
counts
preceded by 5'
followed by 3'

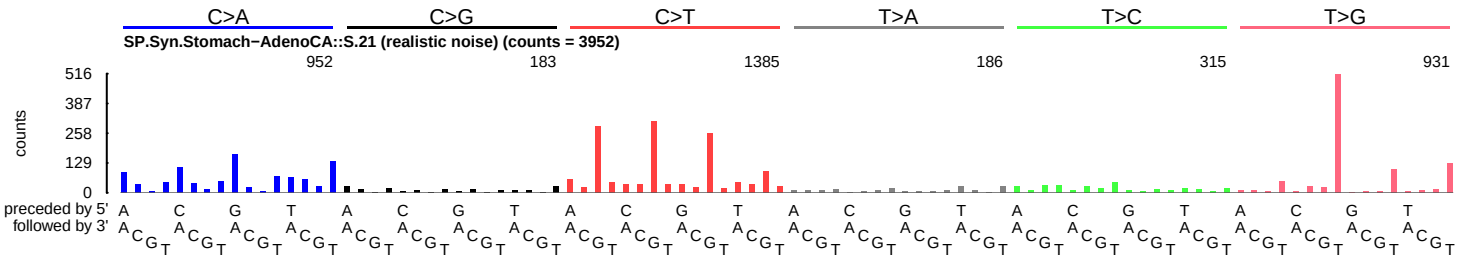

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Stomach−AdenoCA::S.16 (realistic noise) (counts = 5679)
85
70
535
141
394
4454
2912
2184
1456
728
0
counts
preceded by 5'
followed by 3'

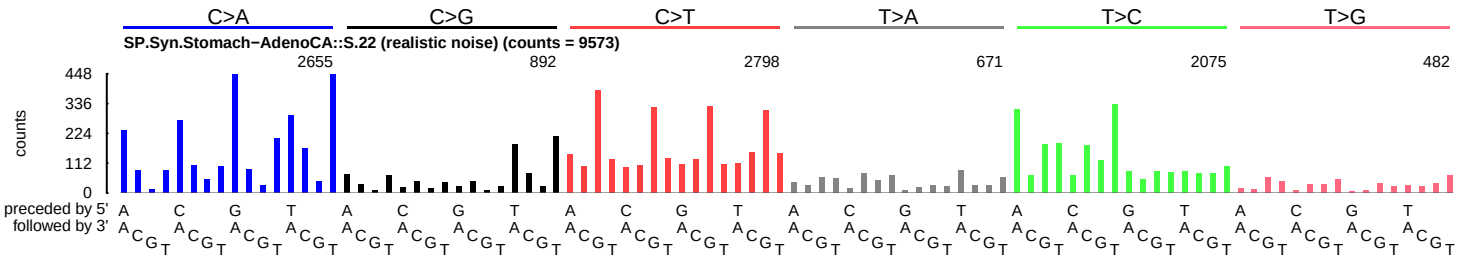

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Stomach−AdenoCA::S.17 (realistic noise) (counts = 6999)
1387
888
1952
502
1909
361
counts
444
333
222
111
0
preceded by 5'
followed by 3'

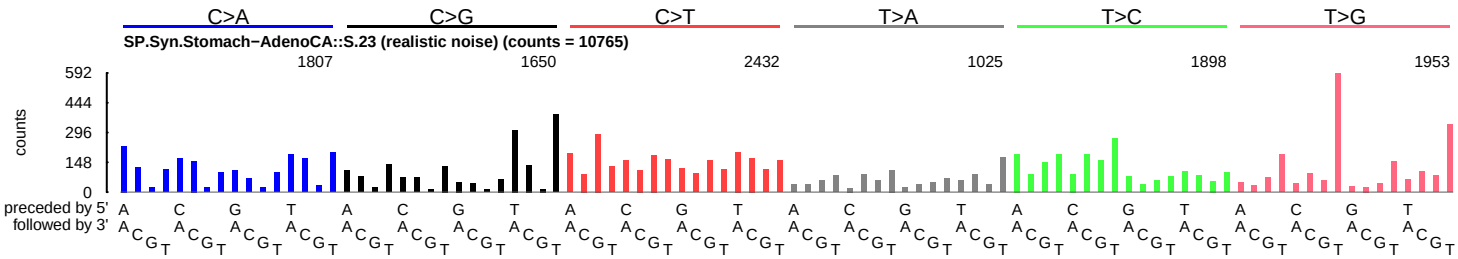

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Stomach−AdenoCA::S.18 (realistic noise) (counts = 13640)
1728
1244
4242
1146
4156
1124
counts
716
537
358
179
0
preceded by 5'
followed by 3'

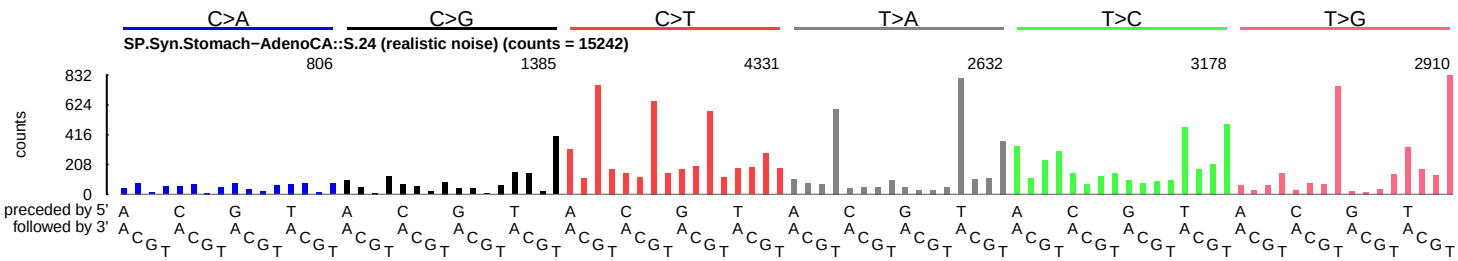

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Stomach−AdenoCA::S.19 (realistic noise) (counts = 8850)
697
202
2372
600
2746
2233
counts
1240
930
620
310
0
preceded by 5'
followed by 3'

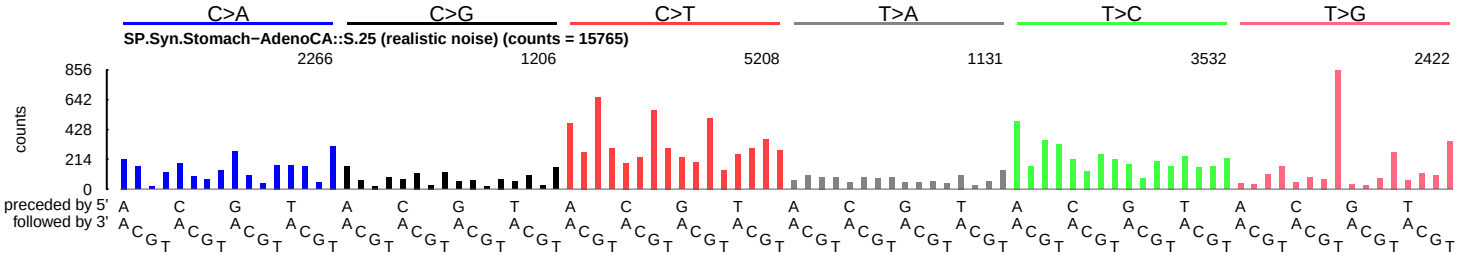

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Stomach−AdenoCA::S.20 (realistic noise) (counts = 16473)
3199
1032
2719
1042
1563
6918
counts
3456
2592
1728
864
0
preceded by 5'
followed by 3'

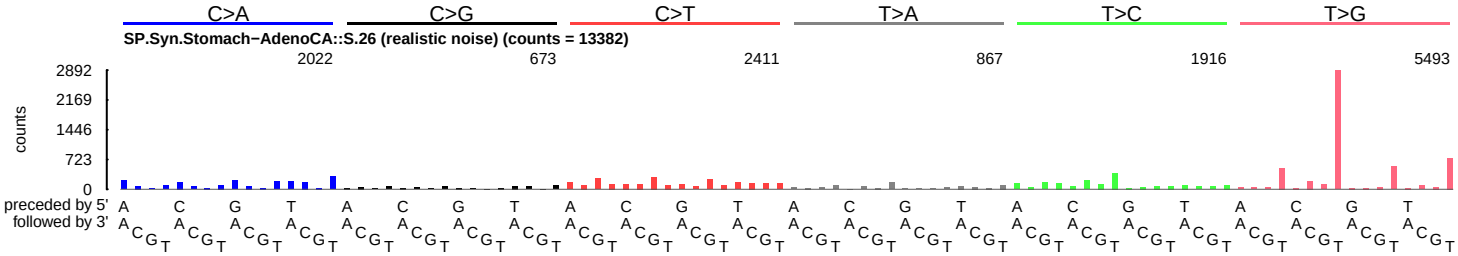

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Stomach−AdenoCA::S.21 (realistic noise) (counts = 3952)
952
183
1385
186
315
931
counts
516
387
258
129
0
preceded by 5'
followed by 3'

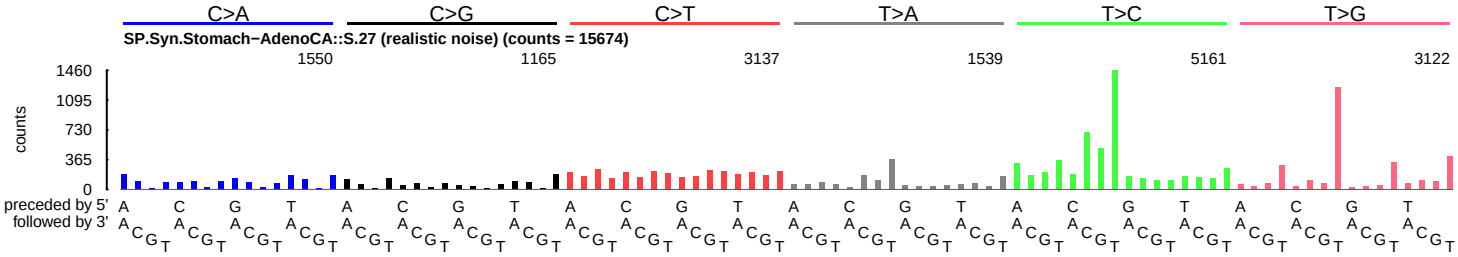

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Stomach−AdenoCA::S.22 (realistic noise) (counts = 9573)
2655
892
2798
671
2075
482
counts
448
336
224
112
0
preceded by 5'
followed by 3'

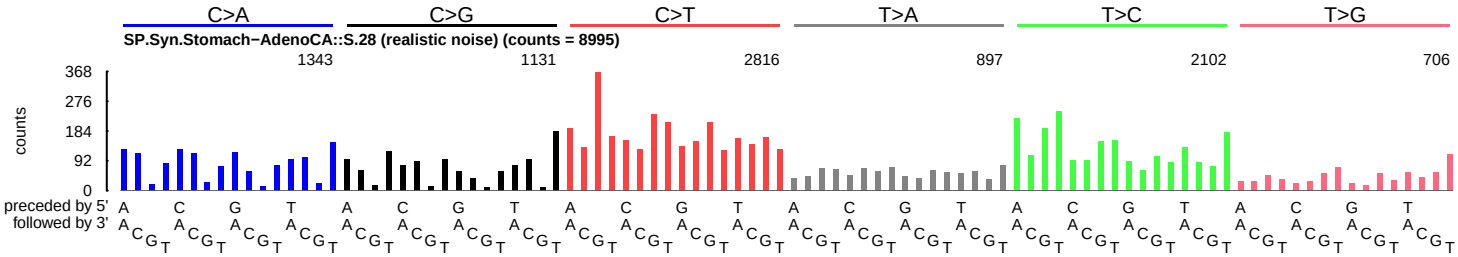

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Stomach−AdenoCA::S.23 (realistic noise) (counts = 10765)
1807
1650
2432
1025
1898
1953
counts
592
444
296
148
0
preceded by 5'
followed by 3'

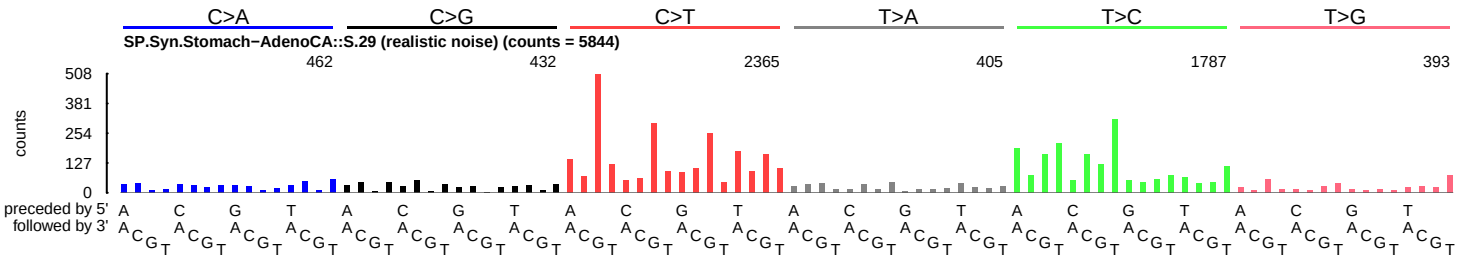

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Stomach−AdenoCA::S.24 (realistic noise) (counts = 15242)
806
1385
4331
2632
3178
2910
counts
832
624
416
208
0
preceded by 5'
followed by 3'

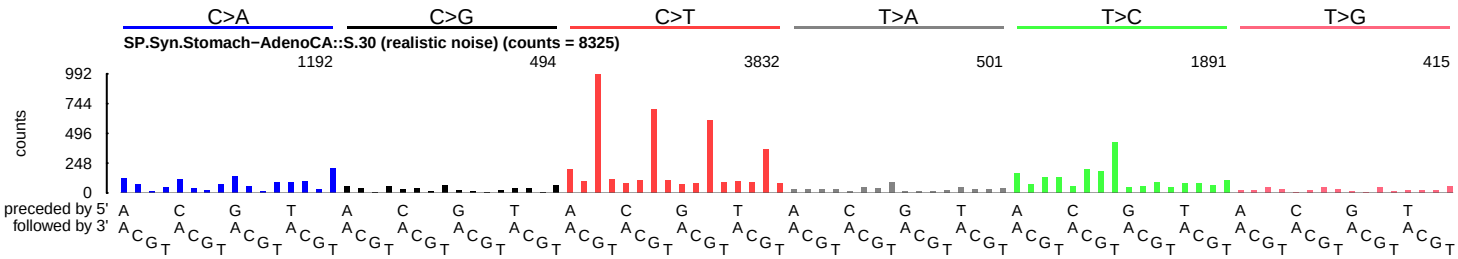

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Stomach−AdenoCA::S.25 (realistic noise) (counts = 15765)
2266
1206
5208
1131
3532
2422
856
642
428
214
0
counts
preceded by 5'
followed by 3'

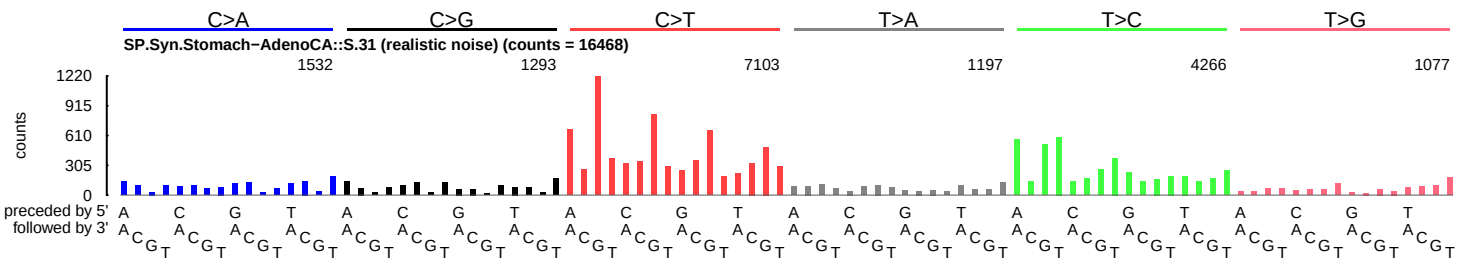

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Stomach−AdenoCA::S.26 (realistic noise) (counts = 13382)
2022
673
2411
867
1916
5493
2892
2169
1446
723
0
counts
preceded by 5'
followed by 3'

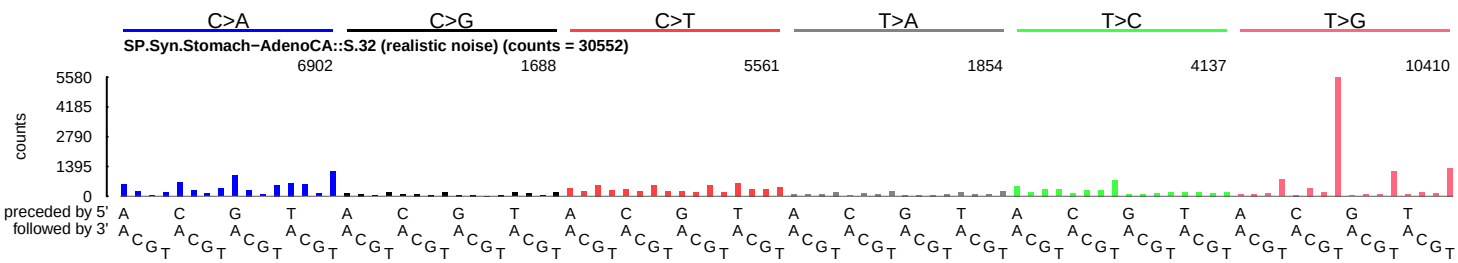

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Stomach−AdenoCA::S.27 (realistic noise) (counts = 15674)
1550
1165
3137
1539
5161
3122
1460
1095
730
365
0
counts
preceded by 5'
followed by 3'

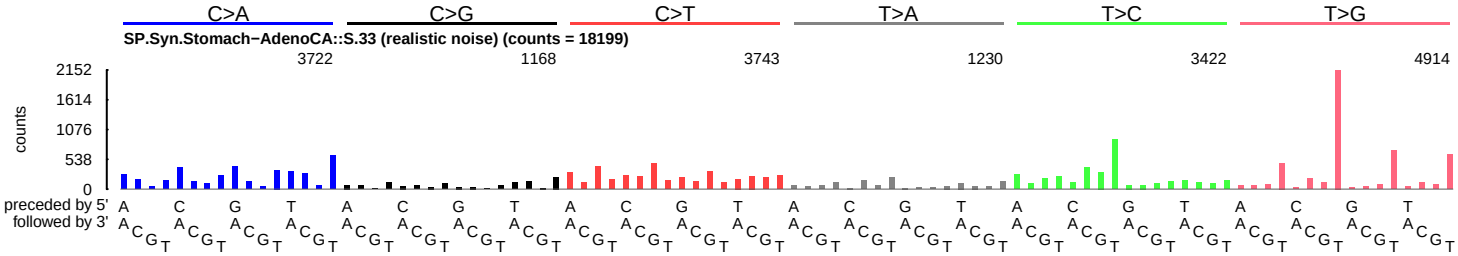

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Stomach−AdenoCA::S.28 (realistic noise) (counts = 8995)
1343
1131
2816
897
2102
706
368
276
184
92
0
counts
preceded by 5'
followed by 3'

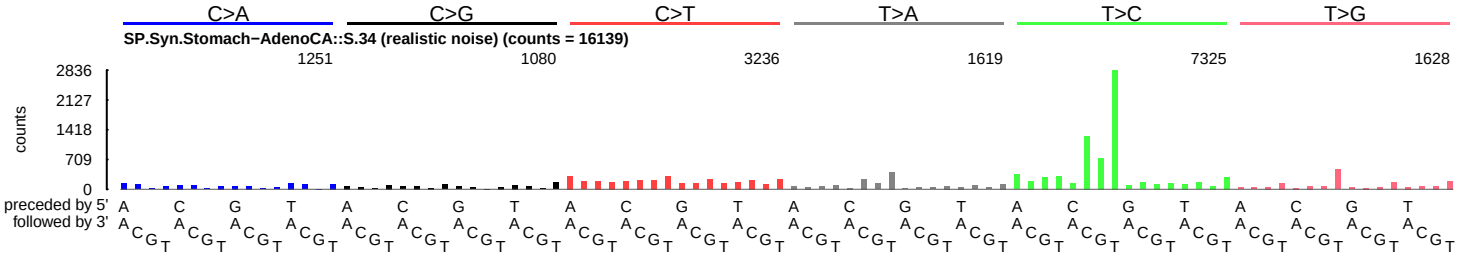

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Stomach−AdenoCA::S.29 (realistic noise) (counts = 5844)
462
432
2365
405
1787
393
508
381
254
127
0
counts
preceded by 5'
followed by 3'

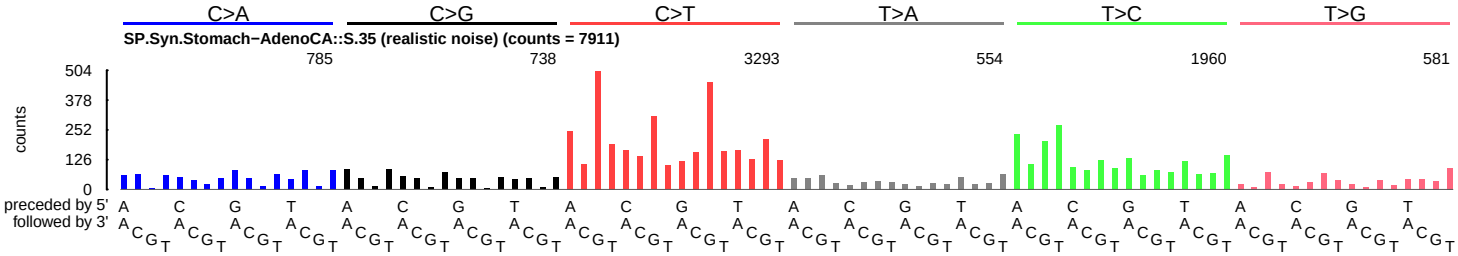

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Stomach−AdenoCA::S.30 (realistic noise) (counts = 8325)
1192
494
3832
501
1891
415
992
744
496
248
0
counts
preceded by 5'
followed by 3'

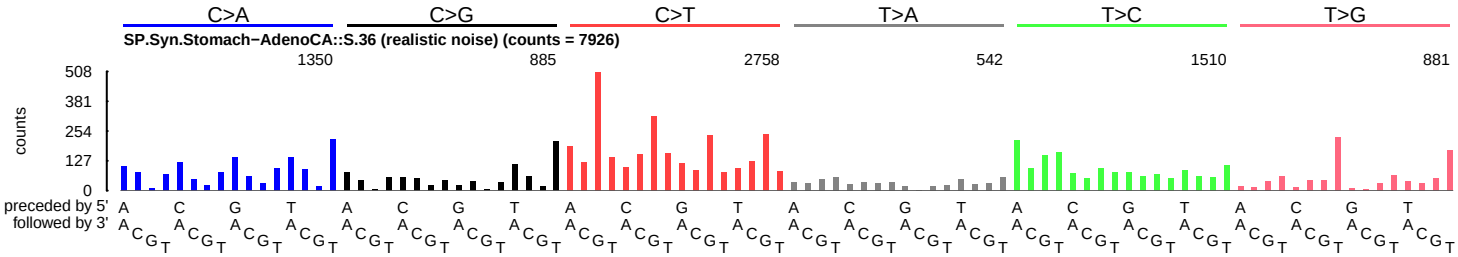

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Stomach−AdenoCA::S.31 (realistic noise) (counts = 16468)
1532
1293
7103
1197
4266
1077
1220
915
610
305
0
counts
preceded by 5'
followed by 3'

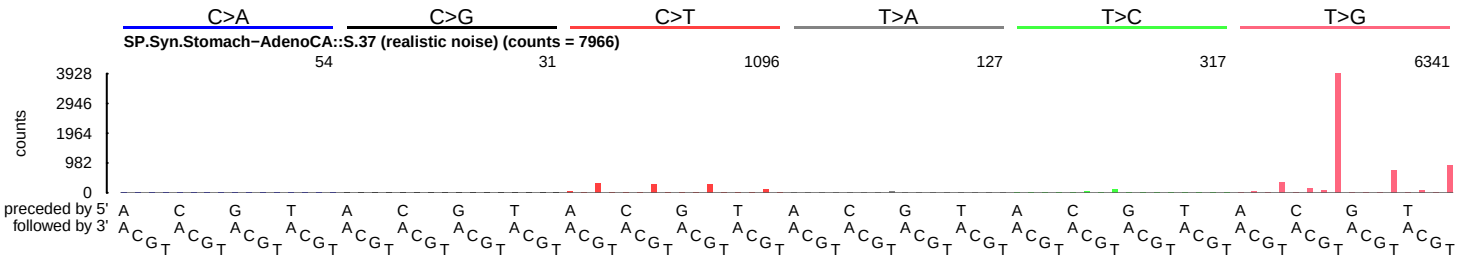

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Stomach−AdenoCA::S.32 (realistic noise) (counts = 30552)
6902
1688
5561
1854
4137
10410
5580
4185
2790
1395
0
counts
preceded by 5'
followed by 3'

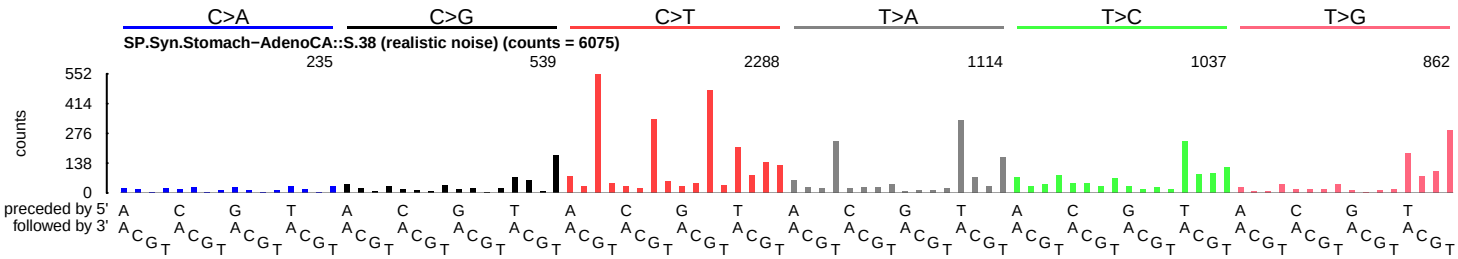

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Stomach−AdenoCA::S.33 (realistic noise) (counts = 18199)
3722
1168
3743
1230
3422
4914
counts
2152
1614
1076
538
0
preceded by 5'
followed by 3'

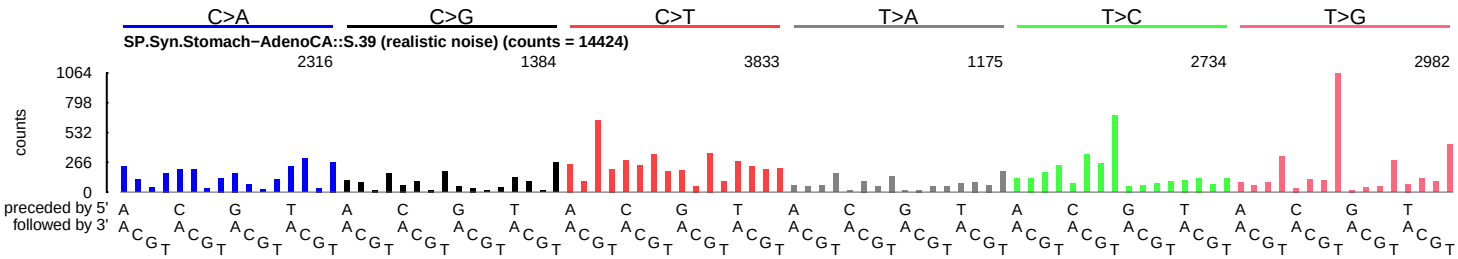

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Stomach−AdenoCA::S.34 (realistic noise) (counts = 16139)
1251
1080
3236
1619
7325
1628
counts
2836
2127
1418
709
0
preceded by 5'
followed by 3'

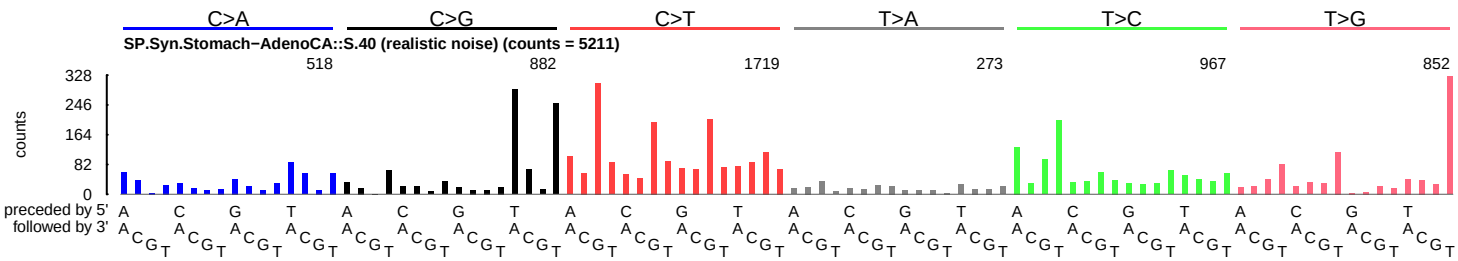

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Stomach−AdenoCA::S.35 (realistic noise) (counts = 7911)
785
738
3293
554
1960
581
counts
504
378
252
126
0
preceded by 5'
followed by 3'

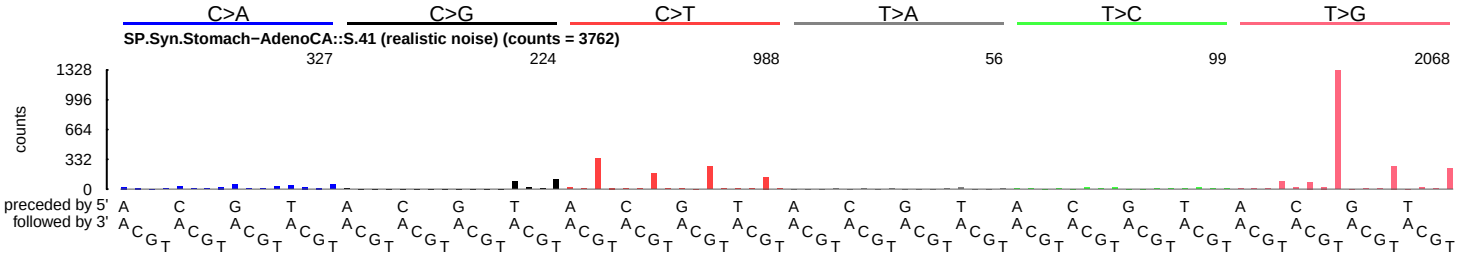

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Stomach−AdenoCA::S.36 (realistic noise) (counts = 7926)
1350
885
2758
542
1510
881
counts
508
381
254
127
0
preceded by 5'
followed by 3'

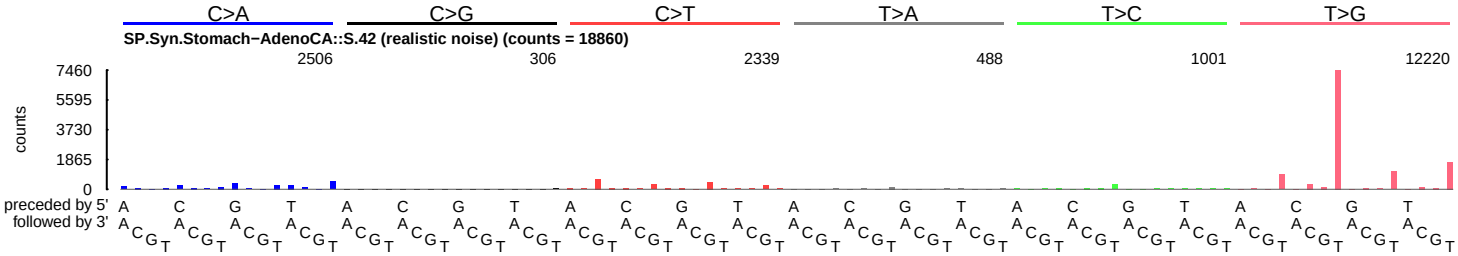

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Stomach−AdenoCA::S.37 (realistic noise) (counts = 7966)
54
31
1096
127
317
6341
counts
3928
2946
1964
982
0
preceded by 5'
followed by 3'

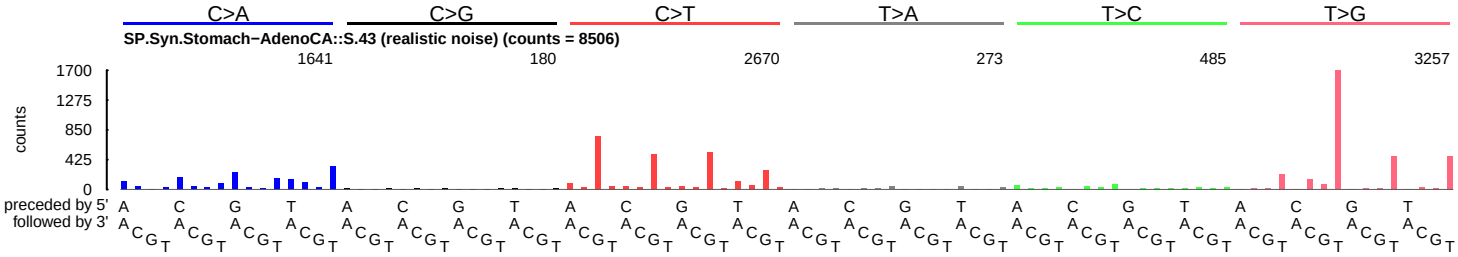

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Stomach−AdenoCA::S.38 (realistic noise) (counts = 6075)
235
539
2288
1114
1037
862
counts
552
414
276
138
0
preceded by 5'
followed by 3'

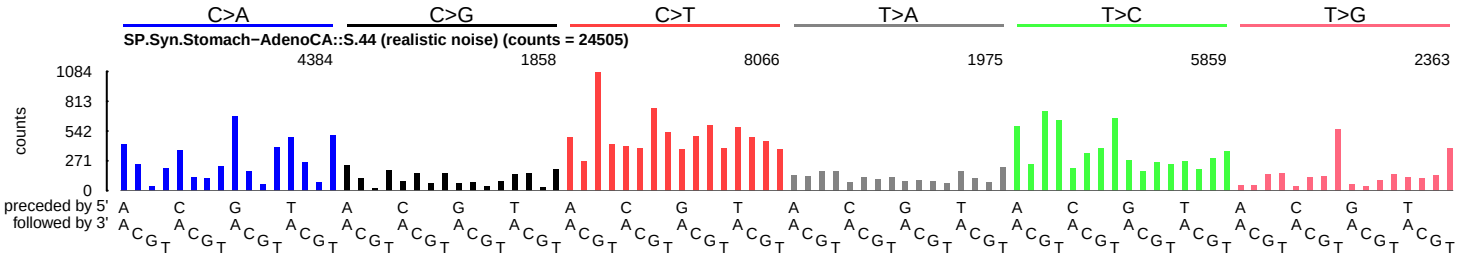

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Stomach−AdenoCA::S.39 (realistic noise) (counts = 14424)
2316
1384
3833
1175
2734
2982
counts
1064
798
532
266
0
preceded by 5'
followed by 3'

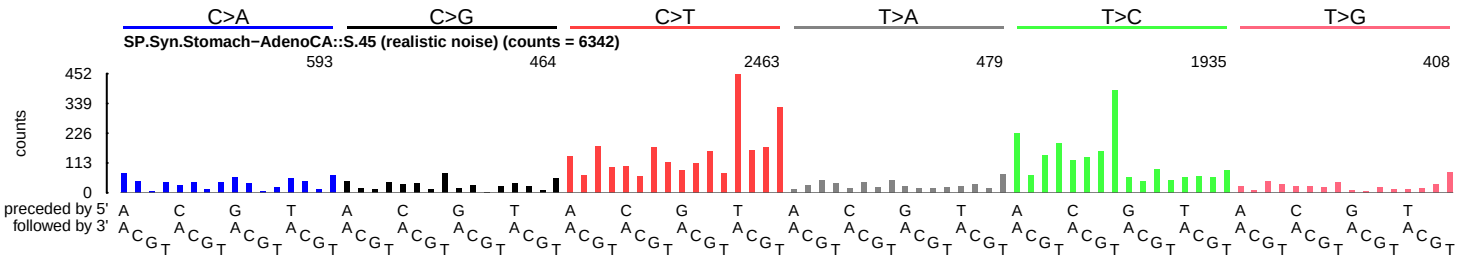

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Stomach−AdenoCA::S.40 (realistic noise) (counts = 5211)
518
882
1719
273
967
852
counts
328
246
164
82
0
preceded by 5'
followed by 3'

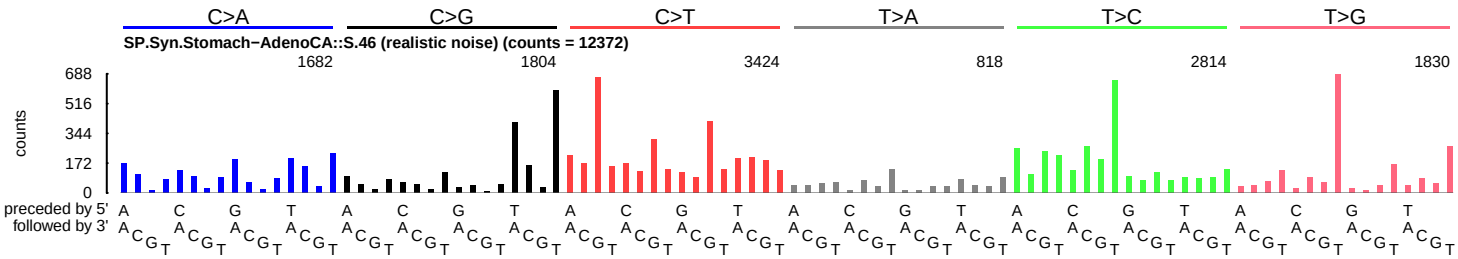

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Stomach−AdenoCA::S.41 (realistic noise) (counts = 3762)
327
224
988
56
99
2068
counts
1328
996
664
332
0
preceded by 5'
followed by 3'

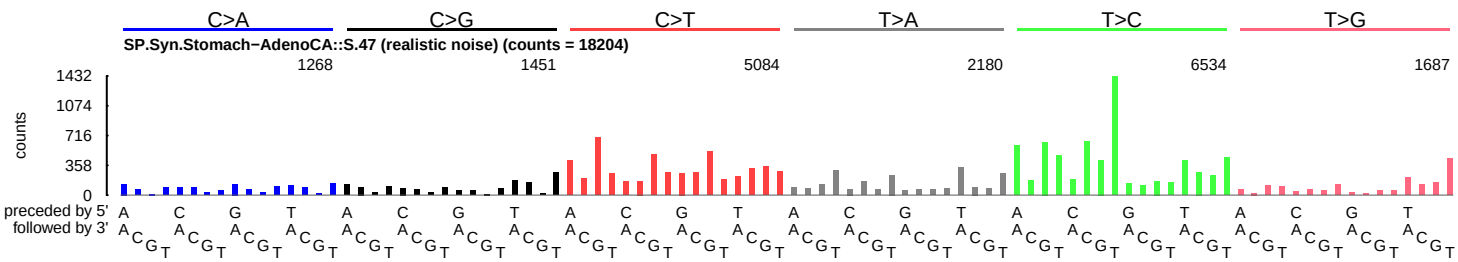

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Stomach−AdenoCA::S.42 (realistic noise) (counts = 18860)
2506
306
2339
488
1001
12220
counts
7460
5595
3730
1865
0
preceded by 5'
followed by 3'

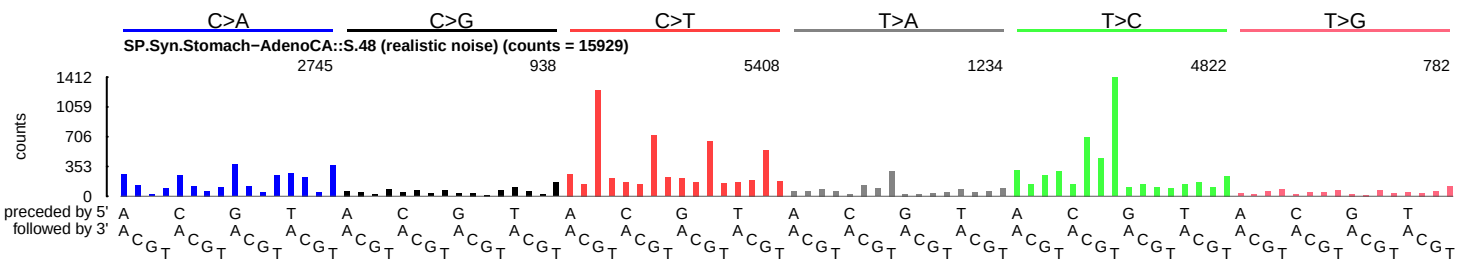

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Stomach−AdenoCA::S.43 (realistic noise) (counts = 8506)
1641
180
2670
273
485
3257
counts
1700
1275
850
425
0
preceded by 5'
followed by 3'

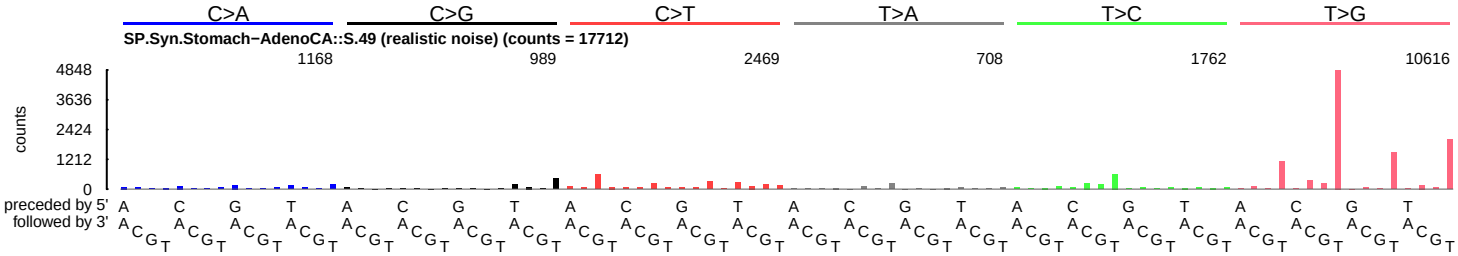

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Stomach−AdenoCA::S.44 (realistic noise) (counts = 24505)
4384
1858
8066
1975
5859
2363
counts
1084
813
542
271
0
preceded by 5'
followed by 3'

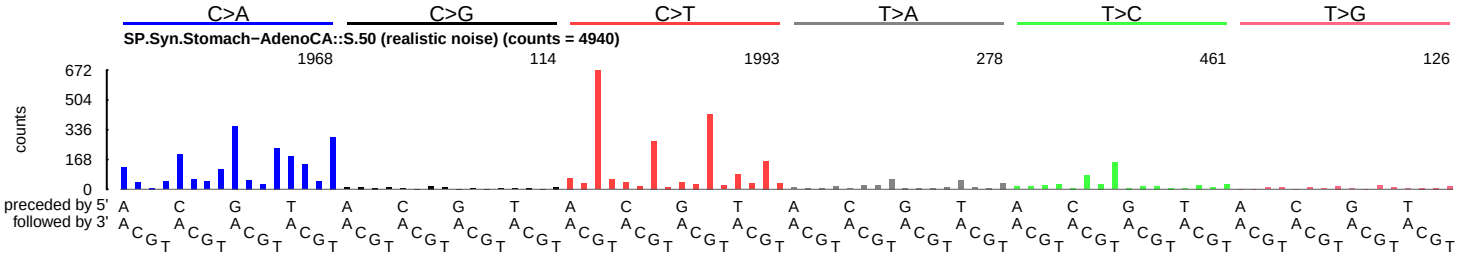

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Stomach−AdenoCA::S.45 (realistic noise) (counts = 6342)
593
464
2463
479
1935
408
counts
452
339
226
113
0
preceded by 5'
followed by 3'

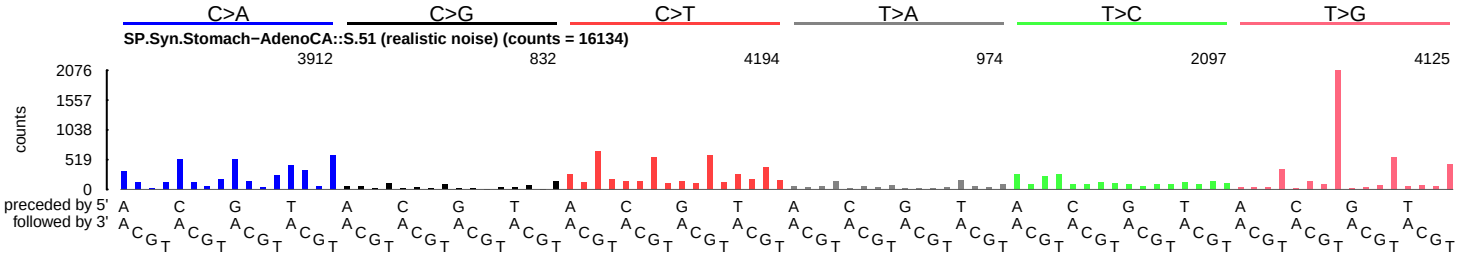

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Stomach−AdenoCA::S.46 (realistic noise) (counts = 12372)
1682
1804
3424
818
2814
1830
counts
688
516
344
172
0
preceded by 5'
followed by 3'

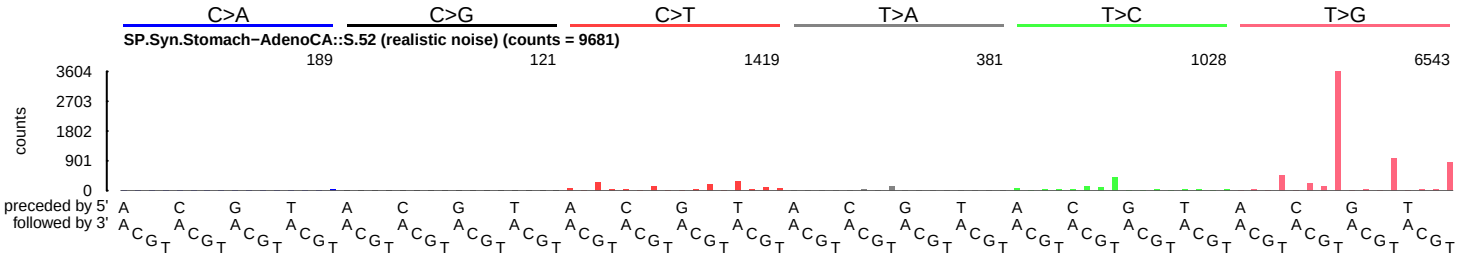

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Stomach−AdenoCA::S.47 (realistic noise) (counts = 18204)
1268
1451
5084
2180
6534
1687
counts
1432
1074
716
358
0
preceded by 5'
followed by 3'

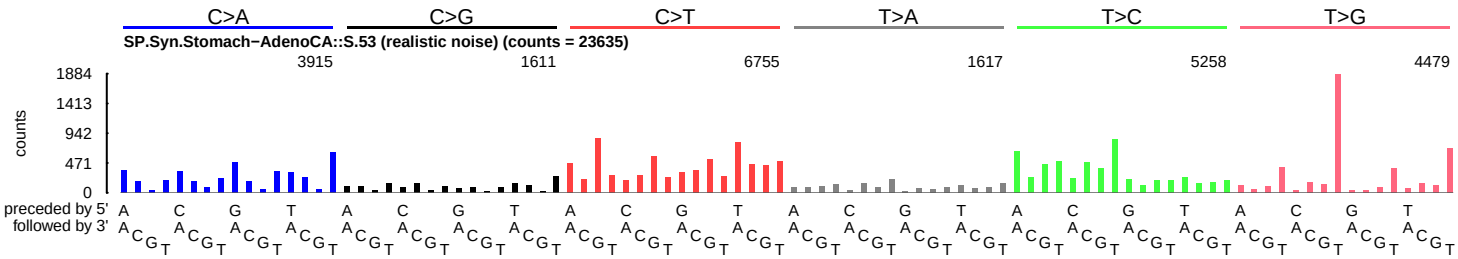

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Stomach−AdenoCA::S.48 (realistic noise) (counts = 15929)
2745
938
5408
1234
4822
782
counts
1412
1059
706
353
0
preceded by 5'
followed by 3'

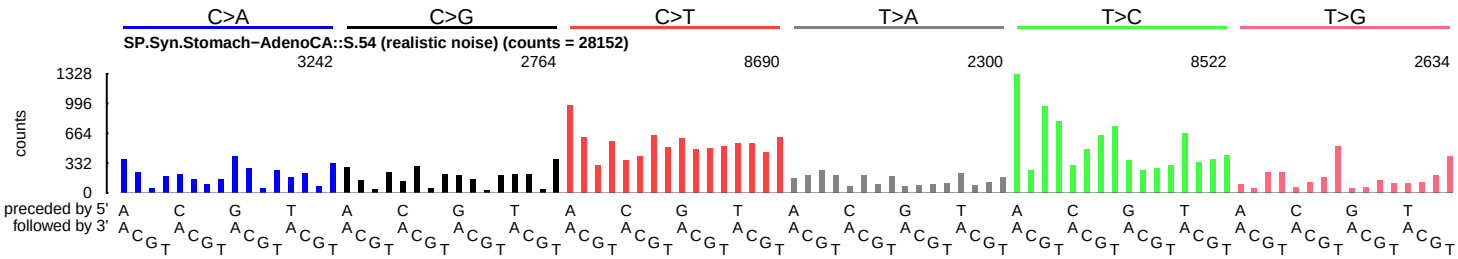

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Stomach−AdenoCA::S.49 (realistic noise) (counts = 17712)
1168
989
2469
708
1762
10616
counts
4848
3636
2424
1212
0
preceded by 5'
followed by 3'

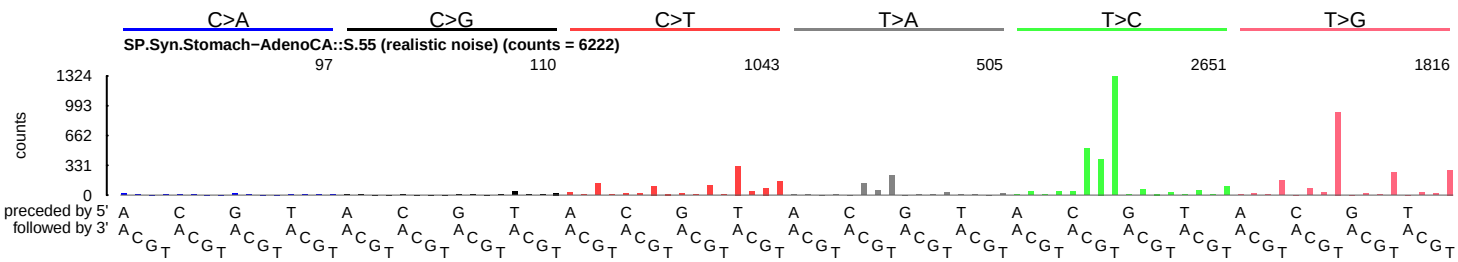

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Stomach−AdenoCA::S.50 (realistic noise) (counts = 4940)
1968
114
1993
278
461
126
counts
672
504
336
168
0
preceded by 5'
followed by 3'

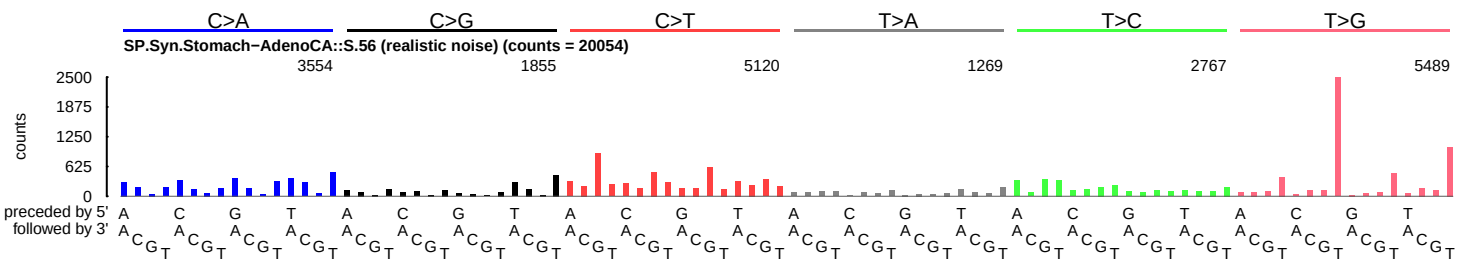

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Stomach−AdenoCA::S.51 (realistic noise) (counts = 16134)
3912
832
4194
974
2097
4125
counts
2076
1557
1038
519
0
preceded by 5'
followed by 3'

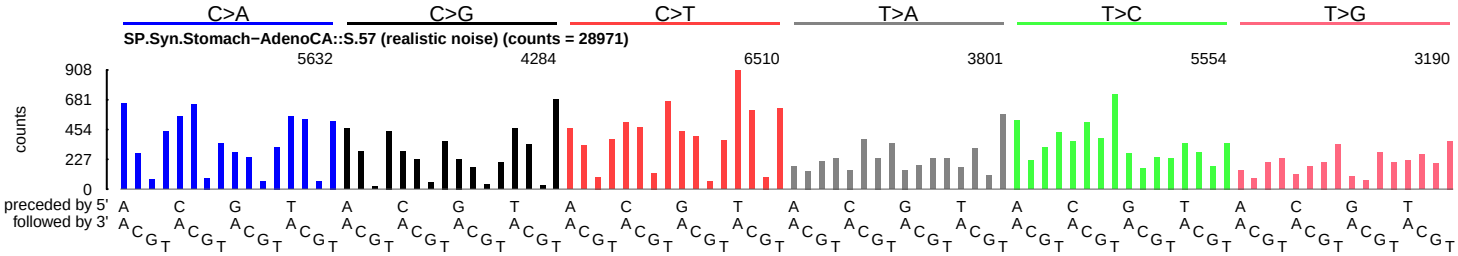

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Stomach−AdenoCA::S.52 (realistic noise) (counts = 9681)
189
121
1419
381
1028
6543
counts
3604
2703
1802
901
0
preceded by 5'
followed by 3'

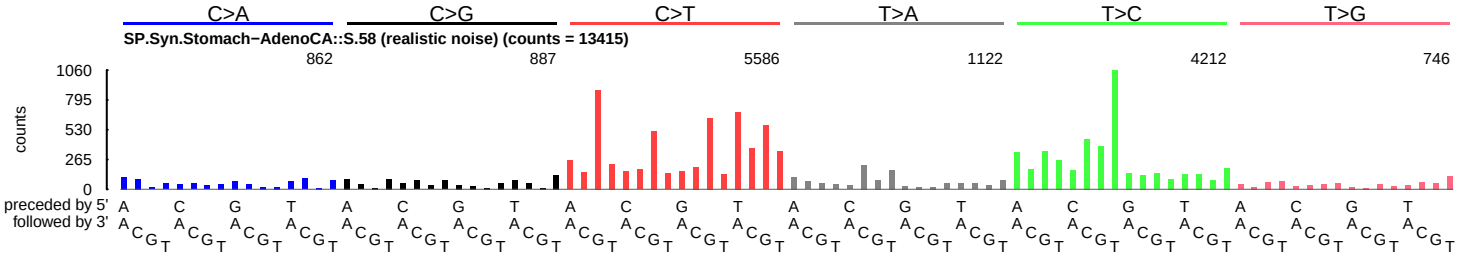

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Stomach−AdenoCA::S.53 (realistic noise) (counts = 23635)
3915
1611
6755
1617
5258
4479
counts
1884
1413
942
471
0
preceded by 5'
followed by 3'

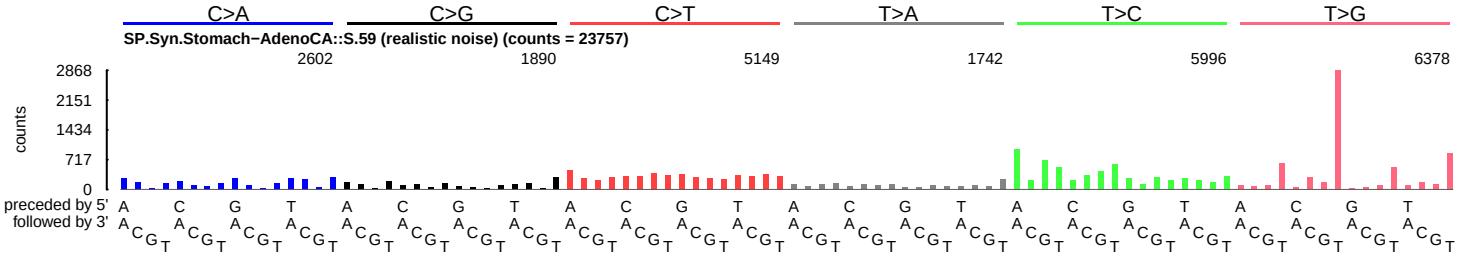

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Stomach−AdenoCA::S.54 (realistic noise) (counts = 28152)
3242
2764
8690
2300
8522
2634
counts
1328
996
664
332
0
preceded by 5'
followed by 3'

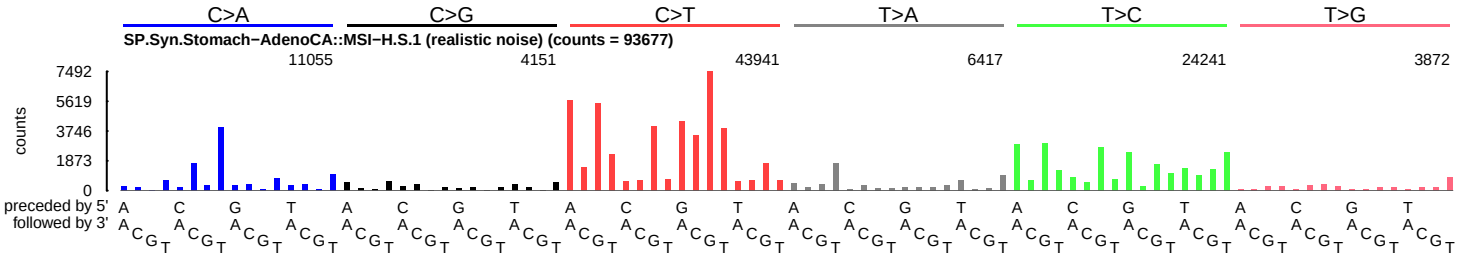

C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Stomach−AdenoCA::S.55 (realistic noise) (counts = 6222)
97
110
1043
505
2651
1816
counts
1324
993
662
331
0
preceded by 5'
followed by 3'


C>A
C>G
C>T
T>A
T>C
T>G
SP.Syn.Stomach−AdenoCA::S.56 (realistic noise) (counts = 20054)
3554
1855
5120
1269
2767
5489
counts
2500
1875
1250
625
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 (realistic noise) (counts = 28971)
5632
4284
6510
3801
5554
3190
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.58 (realistic noise) (counts = 13415)
862
887
5586
1122
4212
746
counts
1060
795
530
265
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 (realistic noise) (counts = 23757)
2602
1890
5149
1742
5996
6378
counts
2868
2151
1434
717
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 (realistic noise) (counts = 93677)
11055
4151
43941
6417
24241
3872
counts
7492
5619
3746
1873
0
preceded by 5'
followed by 3'