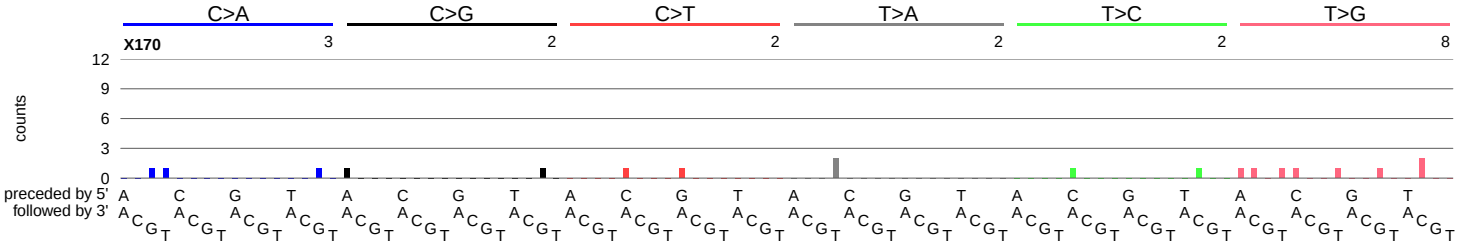
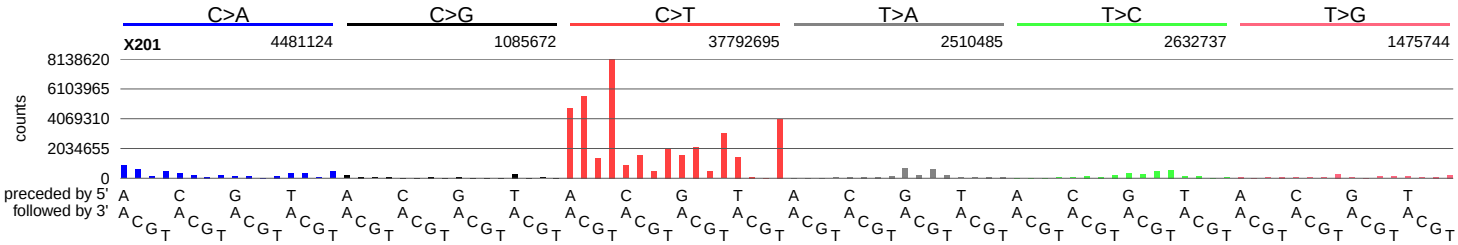
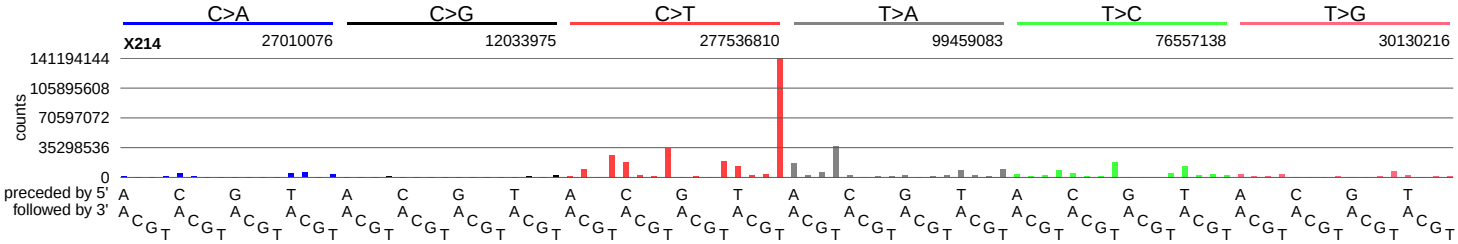
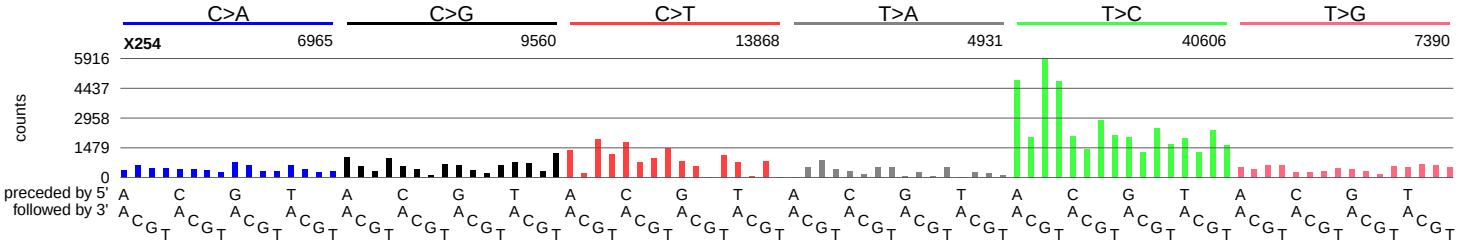
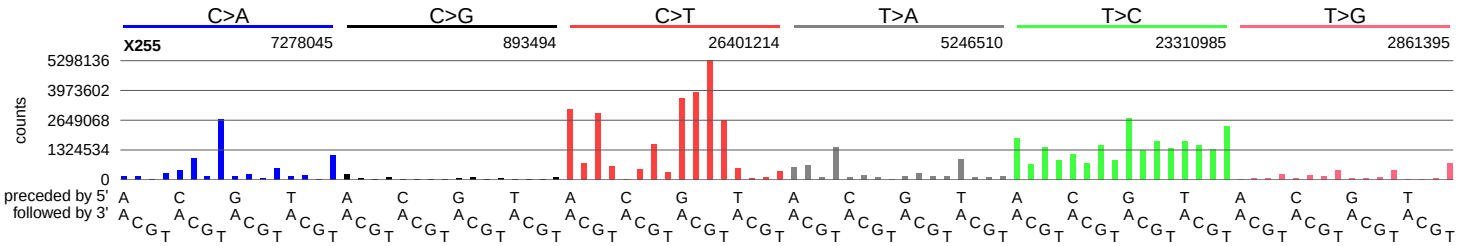
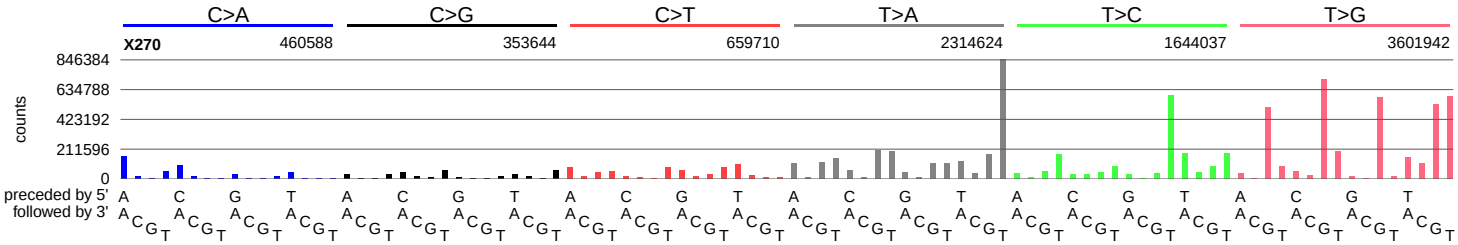

C>A C>G C>T T>A T>C T>G
X170 3 2 2 2 2 8
counts
12 9 6 3 0
preceded by 5'
followed by 3'

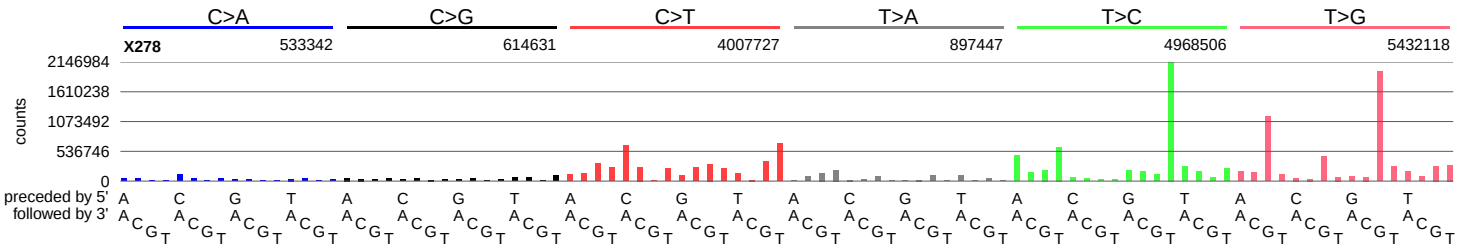

C>A C>G C>T T>A T>C T>G
X201 4481124 1085672 37792695 2510485 2632737 1475744
counts
8138620 6103965 4069310 2034655 0
preceded by 5'
followed by 3'

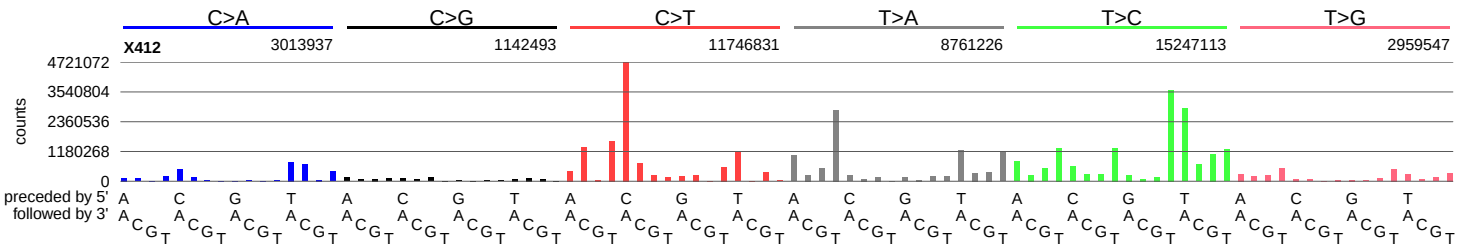

C>A C>G C>T T>A T>C T>G
X214 27010076 12033975 277536810 99459083 76557138 30130216
counts
141194144 105895608 70597072 35298536 0
preceded by 5'
followed by 3'

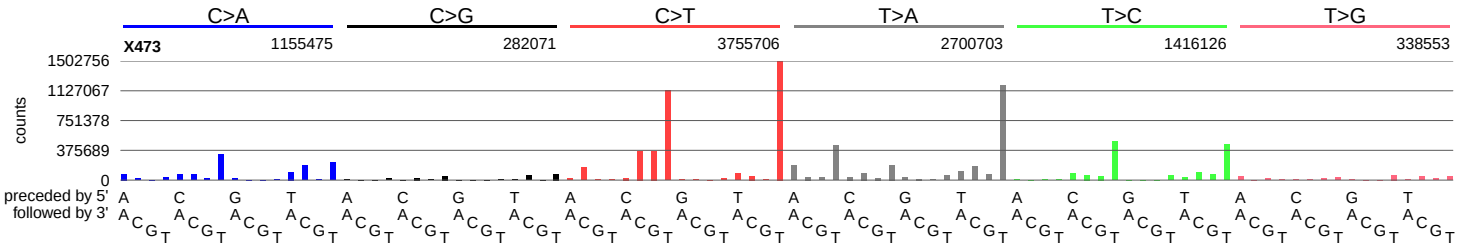

C>A C>G C>T T>A T>C T>G
X254 6965 9560 13868 4931 40606 7390
counts
5916 4437 2958 1479 0
preceded by 5'
followed by 3'

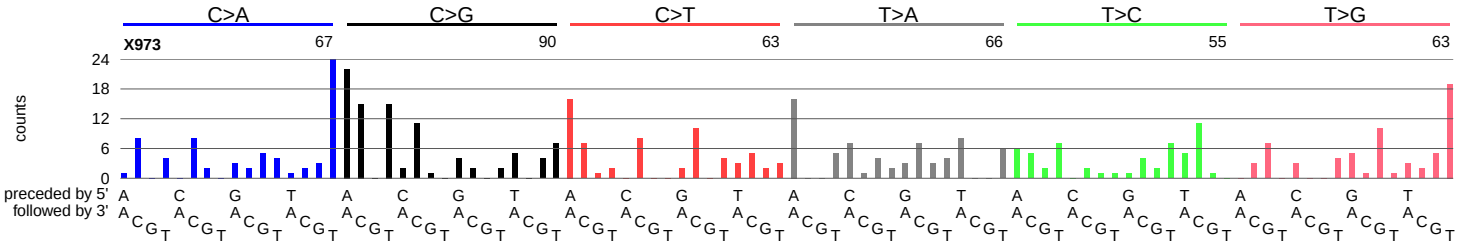

C>A C>G C>T T>A T>C T>G
X255 7278045 893494 26401214 5246510 23310985 2861395
counts
5298136 3973602 2649068 1324534 0
preceded by 5'
followed by 3'

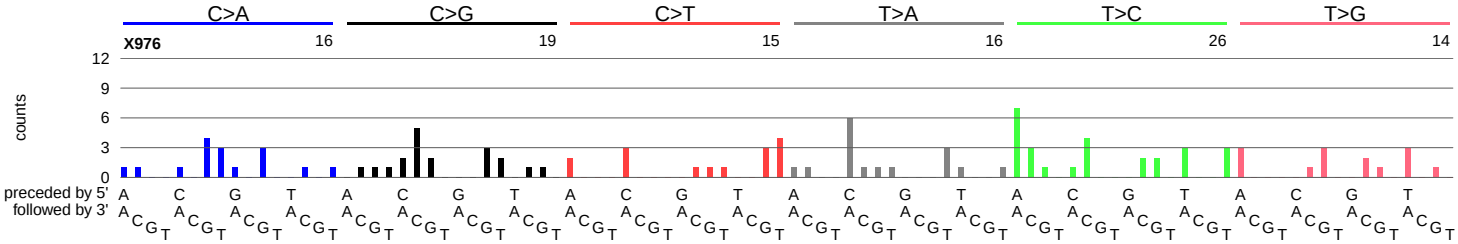

C>A C>G C>T T>A T>C T>G
X270 460588 353644 659710 2314624 1644037 3601942
counts
846384 634788 423192 211596 0
preceded by 5'
followed by 3'

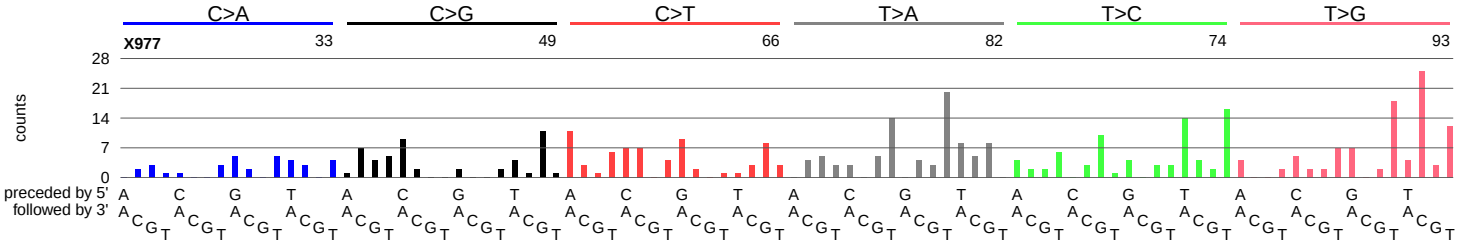

C>A C>G C>T T>A T>C T>G
X278 533342 614631 4007727 897447 4968506 5432118
counts
2146984 1610238 1073492 536746 0
preceded by 5'
followed by 3'

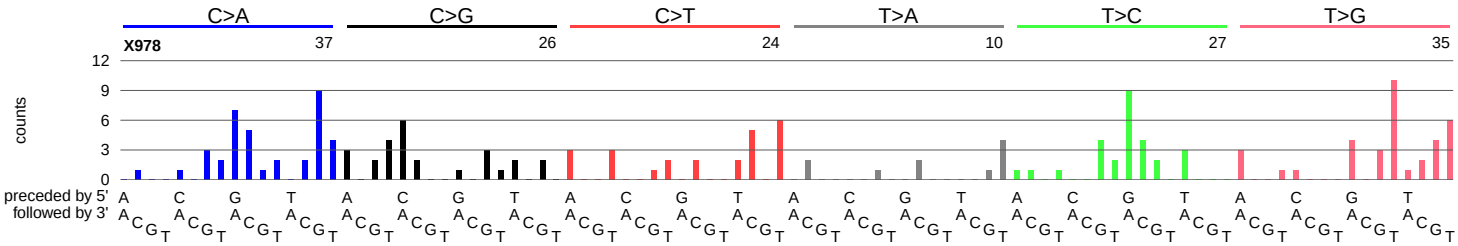

C>A C>G C>T T>A T>C T>G
X412 3013937 1142493 11746831 8761226 15247113 2959547
counts
4721072 3540804 2360536 1180268 0
preceded by 5'
followed by 3'

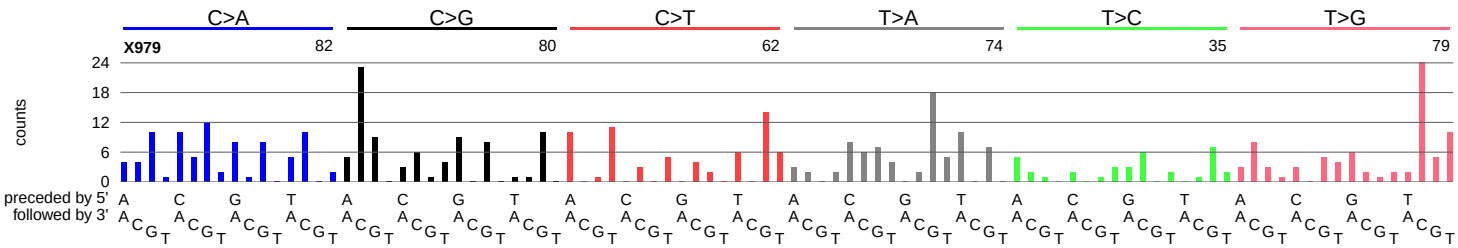

C>A
C>G
C>T
T>A
T>C
T>G
X473
1155475
282071
3755706
2700703
1416126
338553
counts
1502756
1127067
751378
375689
0
preceded by 5'
followed by 3'

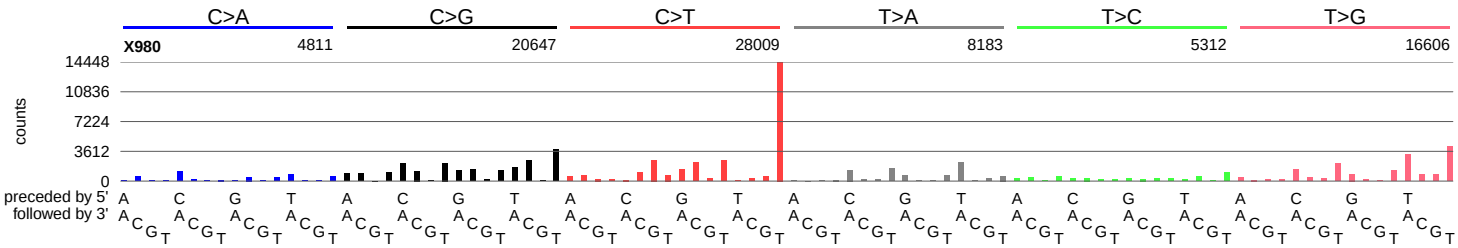

C>A
C>G
C>T
T>A
T>C
T>G
X973
67
90
63
66
55
63
counts
24
18
12
6
0
preceded by 5'
followed by 3'

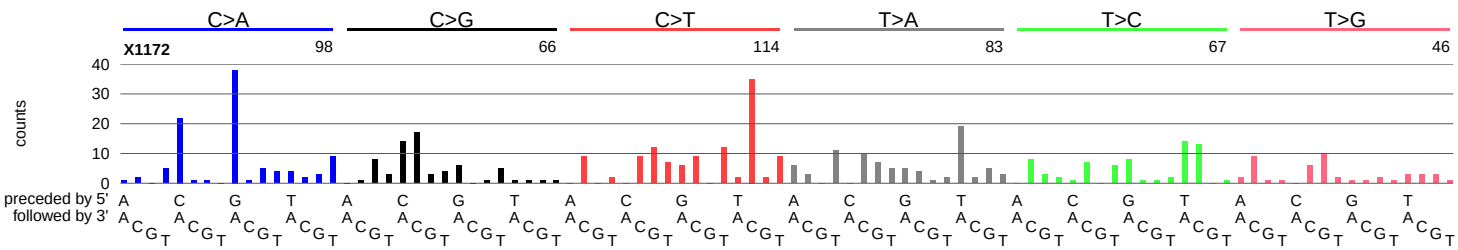

C>A
C>G
C>T
T>A
T>C
T>G
X976
16
19
15
16
26
14
counts
12
9
6
3
0
preceded by 5'
followed by 3'

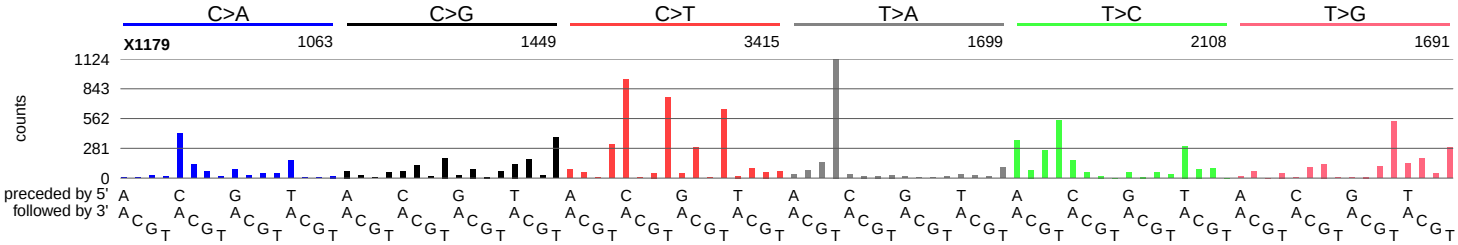

C>A
C>G
C>T
T>A
T>C
T>G
X977
33
49
66
82
74
93
counts
28
21
14
7
0
preceded by 5'
followed by 3'

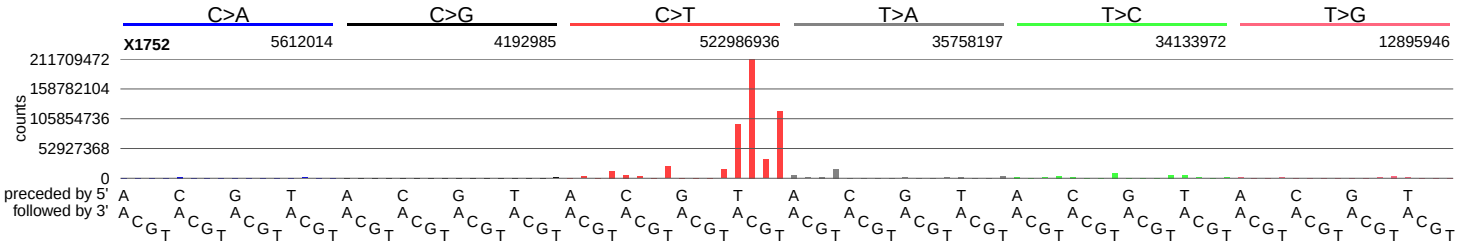

C>A
C>G
C>T
T>A
T>C
T>G
X978
37
26
24
10
27
35
counts
12
9
6
3
0
preceded by 5'
followed by 3'

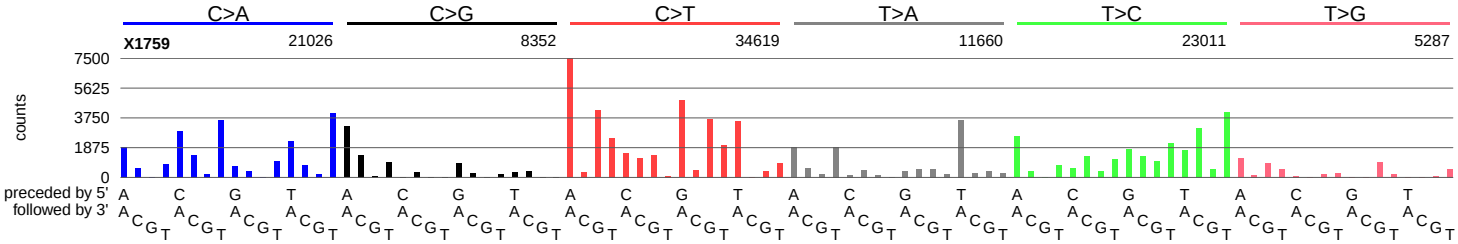

C>A
C>G
C>T
T>A
T>C
T>G
X979
82
80
62
74
35
79
counts
24
18
12
6
0
preceded by 5'
followed by 3'


C>A
C>G
C>T
T>A
T>C
T>G
X980
4811
20647
28009
8183
5312
16606
counts
14448
10836
7224
3612
0
preceded by 5'
followed by 3'


C>A
C>G
C>T
T>A
T>C
T>G
X1172
98
66
114
83
67
46
counts
40
30
20
10
0
preceded by 5'
followed by 3'


C>A
C>G
C>T
T>A
T>C
T>G
X1179
1063
1449
3415
1699
2108
1691
counts
1124
843
562
281
0
preceded by 5'
followed by 3'


C>A
C>G
C>T
T>A
T>C
T>G
X1752
5612014
4192985
522986936
35758197
34133972
12895946
counts
211709472
158782104
105854736
52927368
0
preceded by 5'
followed by 3'


C>A
C>G
C>T
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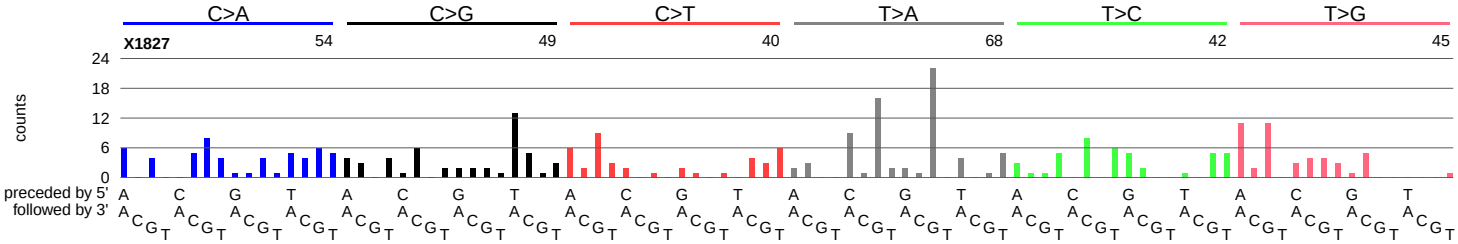
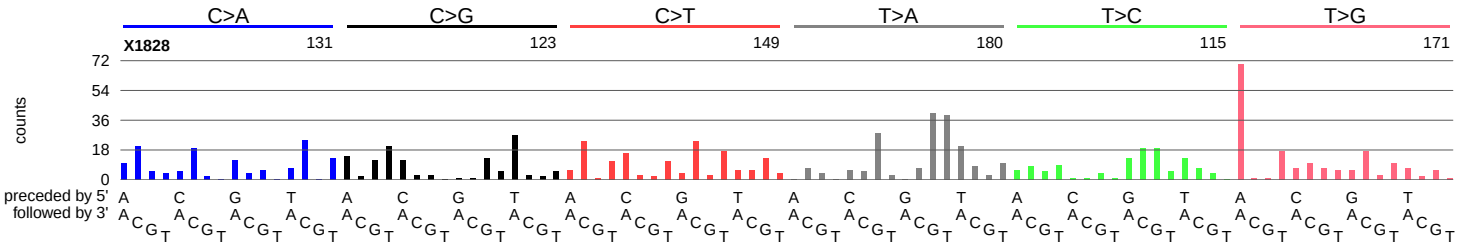
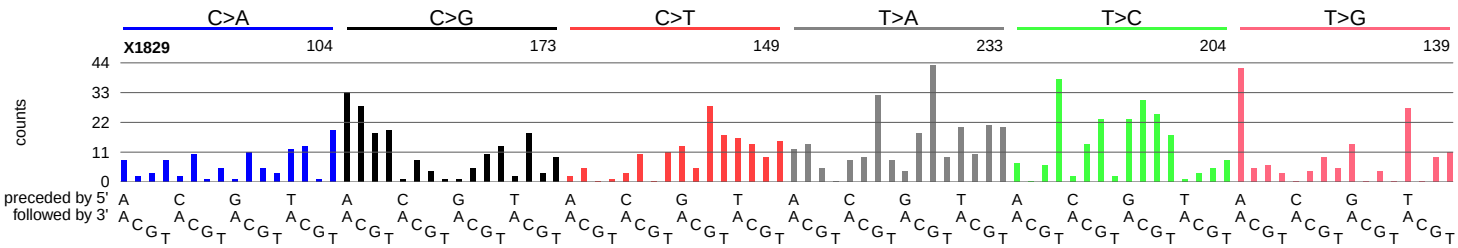
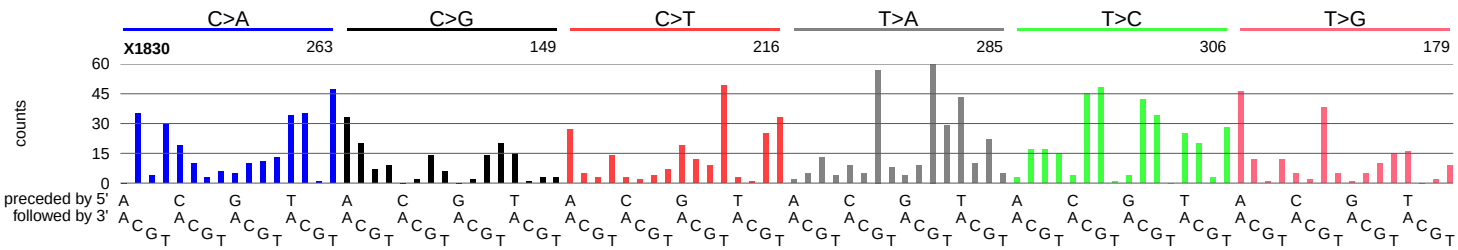
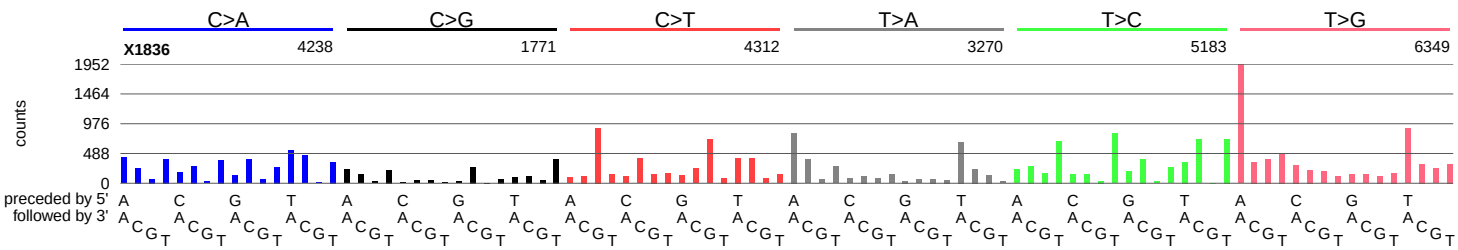
T>C
T>G
X1759
21026
8352
34619
11660
23011
5287
counts
7500
5625
3750
1875
0
preceded by 5'
followed by 3'


C>A
C>G
C>T
T>A
T>C
T>G
X1827
54
49
40
68
42
45
counts
24
18
12
6
0
preceded by 5'
followed by 3'


C>A
C>G
C>T
T>A
T>C
T>G
X1828
131
123
149
180
115
171
counts
72
54
36
18
0
preceded by 5'
followed by 3'


C>A
C>G
C>T
T>A
T>C
T>G
X1829
104
173
149
233
204
139
counts
44
33
22
11
0
preceded by 5'
followed by 3'


C>A
C>G
C>T
T>A
T>C
T>G
X1830
263
149
216
285
306
179
counts
60
45
30
15
0
preceded by 5'
followed by 3'


C>A
C>G
C>T
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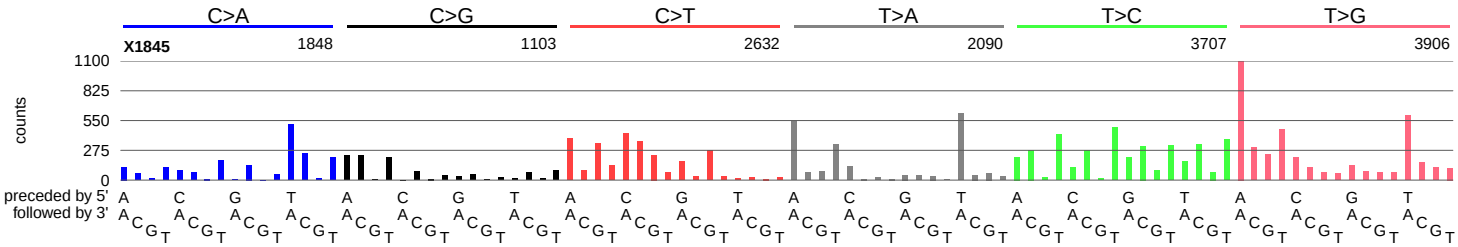
T>C
T>G
X1836
4238
1771
4312
3270
5183
6349
counts
1952
1464
976
488
0
preceded by 5'
followed by 3'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C>G
C>T
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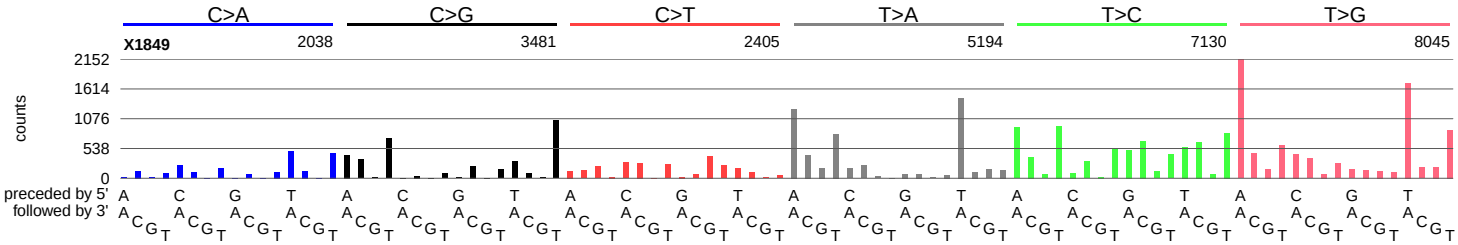
T>C
T>G
X1845
1848
1103
2632
2090
3707
3906
1100
825
550
275
0
counts
preceded by 5'
followed by 3'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C>G
C>T
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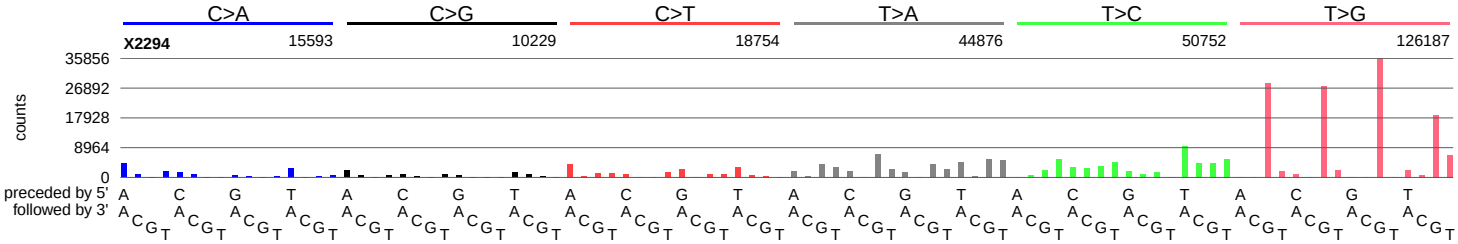
T>G
X1849
2038
3481
2405
5194
7130
8045
2152
1614
1076
538
0
counts
preceded by 5'
followed by 3'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X2294
15593
10229
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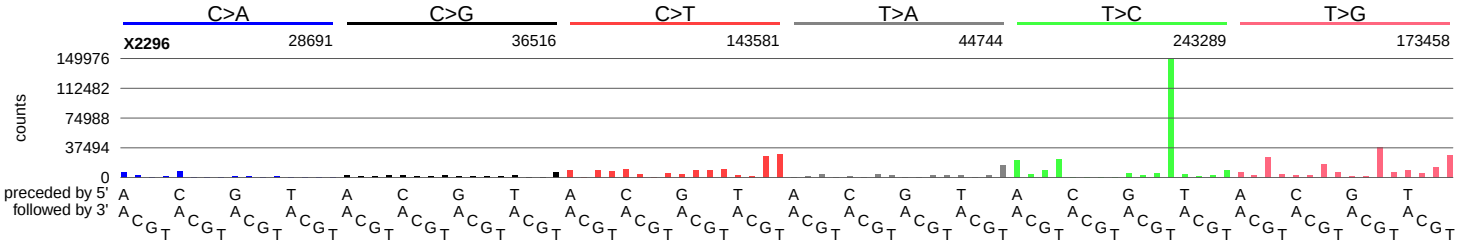
44876
50752
126187
35856
26892
17928
8964
0
counts
preceded by 5'
followed by 3'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X2296
28691
36516
143581
44744
243289
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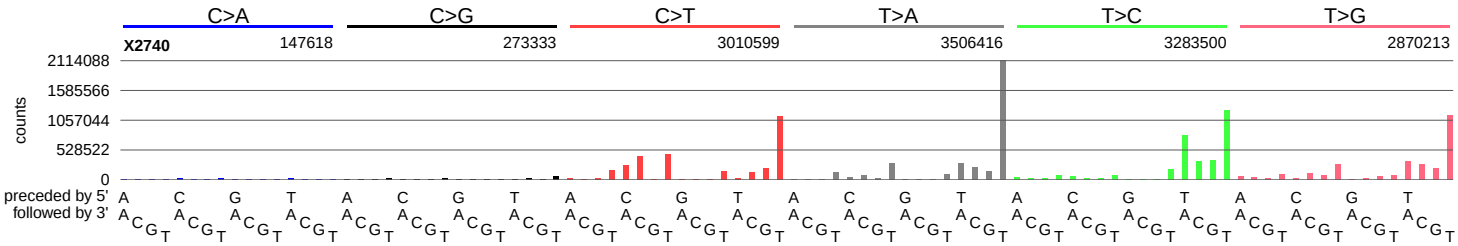
112482
74988
37494
0
counts
preceded by 5'
followed by 3'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C>G
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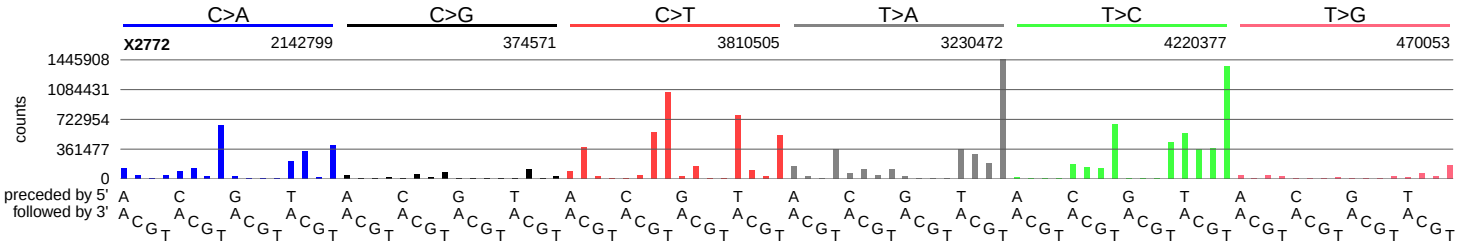
T>C
T>G
X2740
147618
273333
3010599
3506416
3283500
2870213
2114088
1585566
1057044
528522
0
counts
preceded by 5'
followed by 3'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C>G
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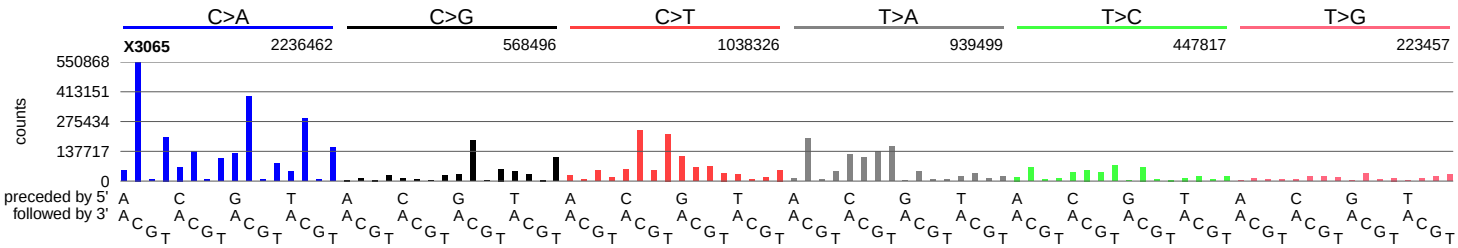
X2772
2142799
374571
3810505
3230472
4220377
470053
1445908
1084431
722954
361477
0
counts
preceded by 5'
followed by 3'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C>G
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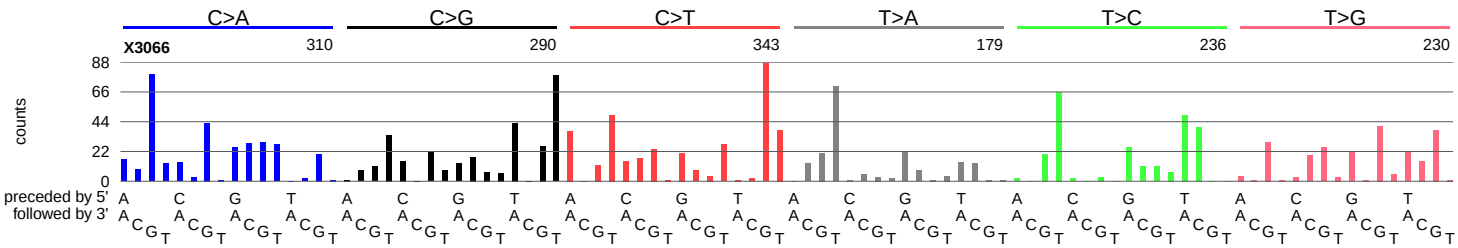
X3065
2236462
568496
1038326
939499
447817
223457
550868
413151
275434
137717
0
counts
preceded by 5'
followed by 3'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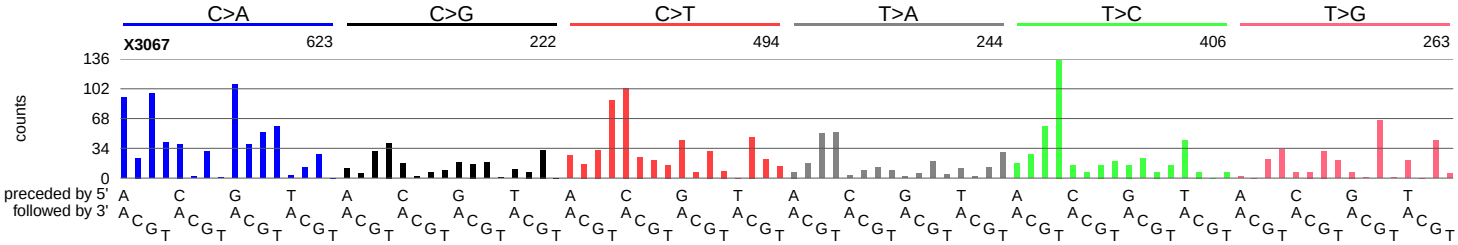
C>G
C>T
T>A
T>C
T>G
X3066
310
290
343
179
236
230
88
66
44
22
0
counts
preceded by 5'
followed by 3'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C>G
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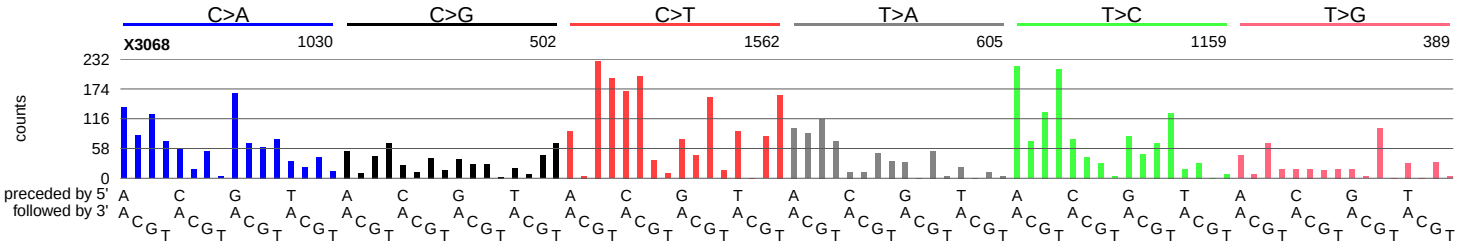
T>C
T>G
X3067
623
222
494
244
406
263
136
102
68
34
0
counts
preceded by 5'
followed by 3'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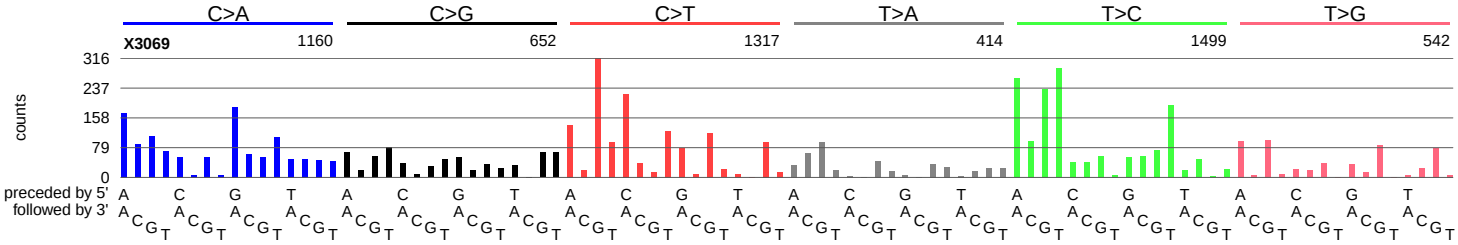
T>G
X3068
1030
502
1562
605
1159
389
232
174
116
58
0
counts
preceded by 5'
followed by 3'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C>G
C>T
T>A
T>C
T>G
X3069
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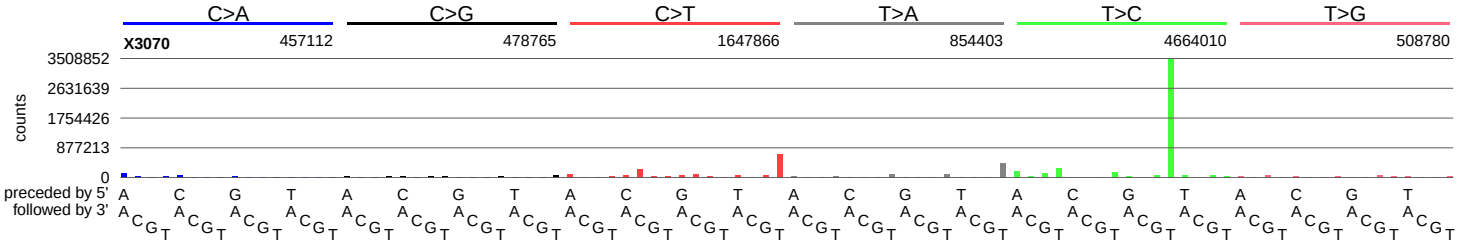
652
1317
414
1499
542
316
237
158
79
0
counts
preceded by 5'
followed by 3'


C>A
C>G
C>T
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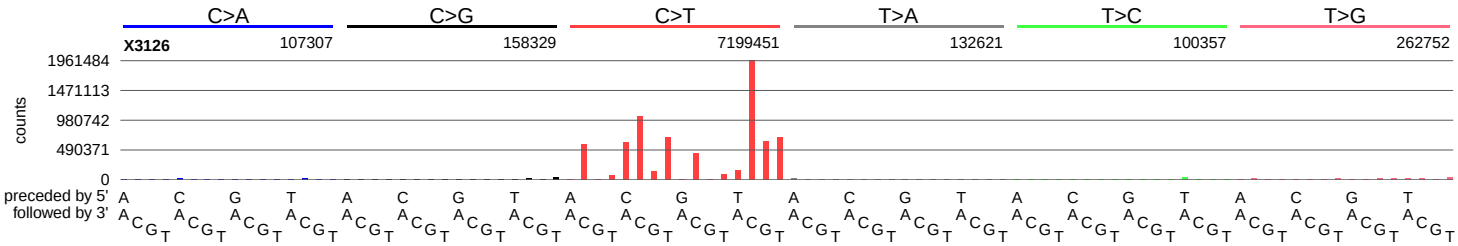
T>G
X3070
457112
478765
1647866
854403
4664010
508780
3508852
2631639
1754426
877213
0
counts
preceded by 5'
followed by 3'


C>A
C>G
C>T
T>A
T>C
T>G
X3126
107307
158329
7199451
132621
100357
262752
1961484
1471113
980742
490371
0
counts
preceded by 5'
followed by 3'