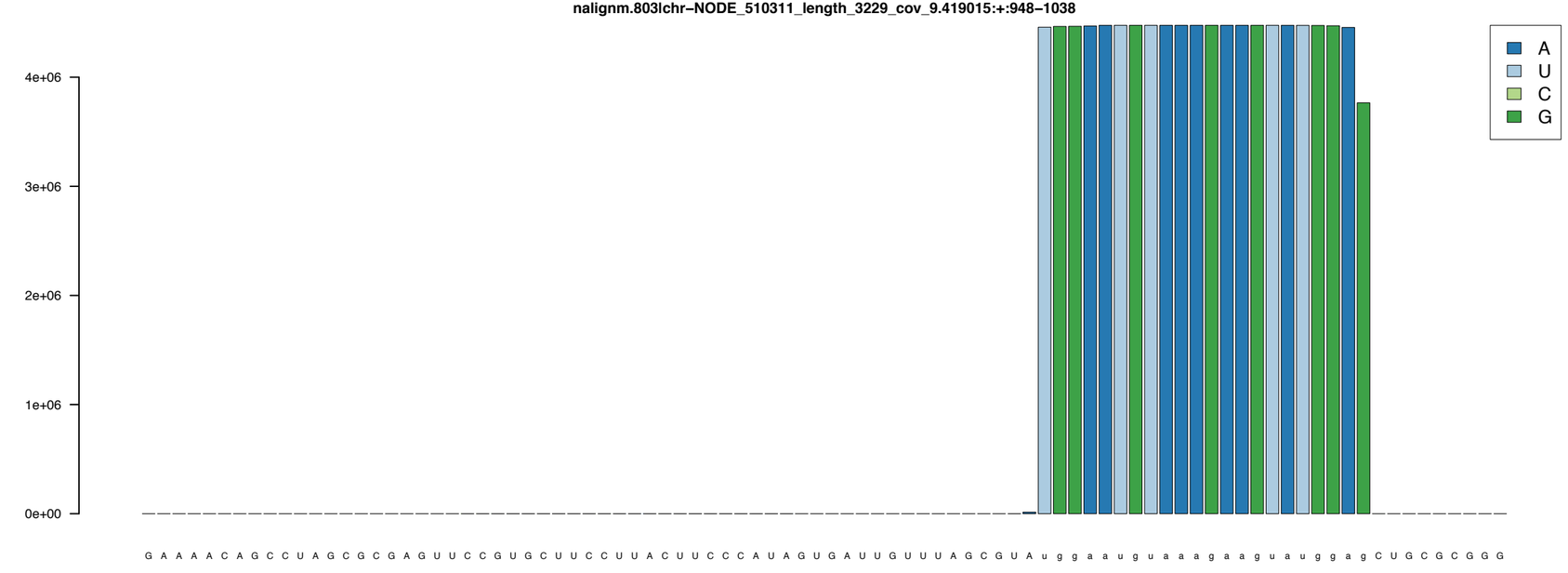
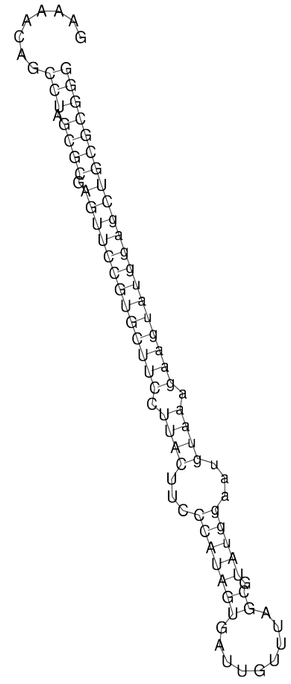
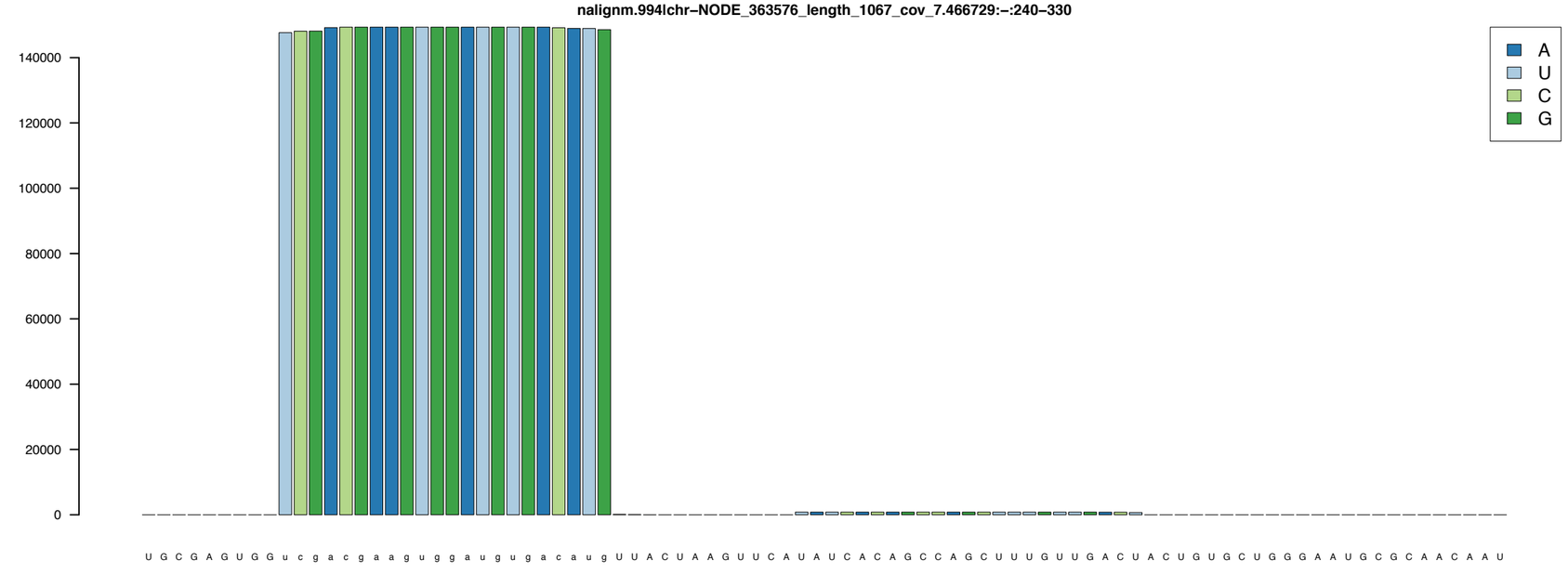
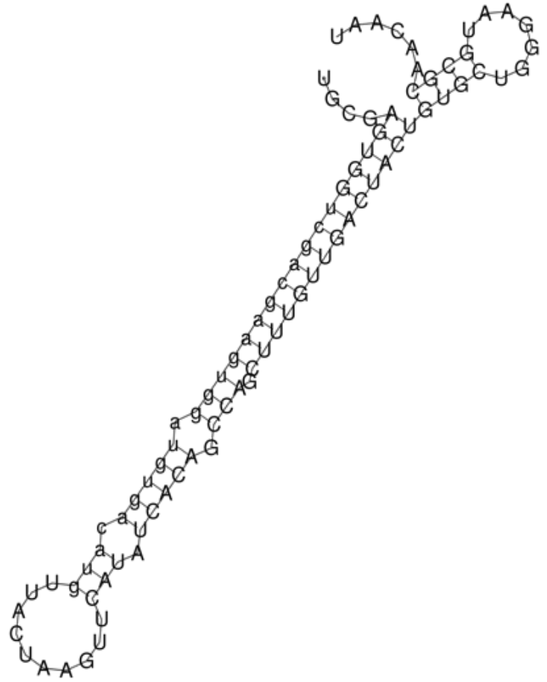
Predicted novel miRNAs in: **Cameraria ohridella**
[coverage profiles and secondary structures]

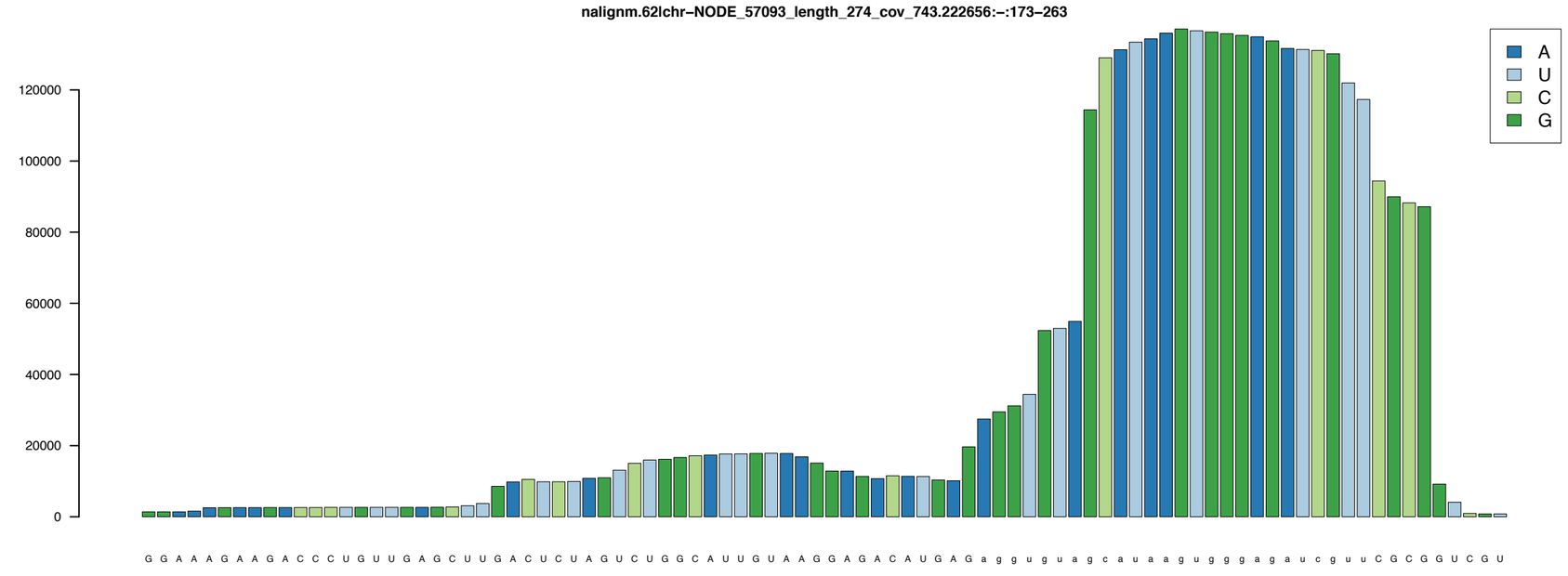


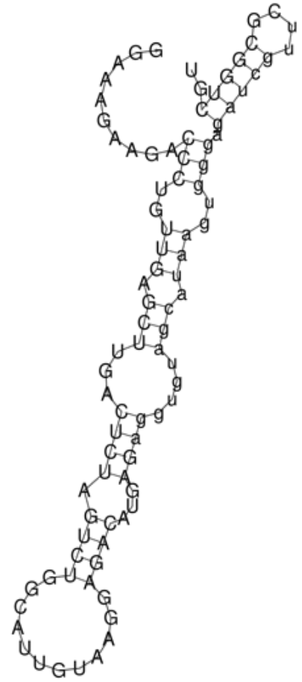


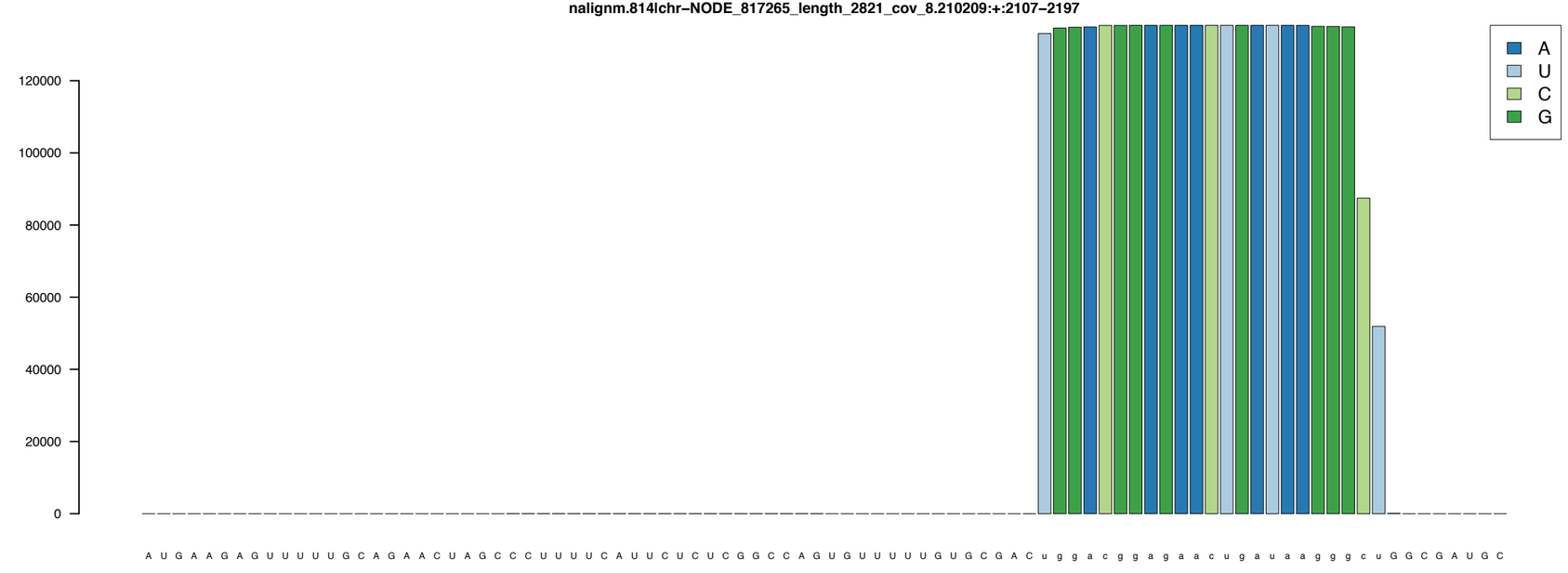

nalignm.994|chr−NODE_363576_length_1067_cov_7.466729:−:240−330
140000
120000
100000
80000
60000
40000
20000
0
A
U
C
G
U G C G A G U G G u c g a c g a a g u g g a u g u g a c a u g U U A C U A A G U U C A U A U C A C A G C C A G C U U U G U U G A C U A C U G U G C U G G G A A U G C G C A A C A A U

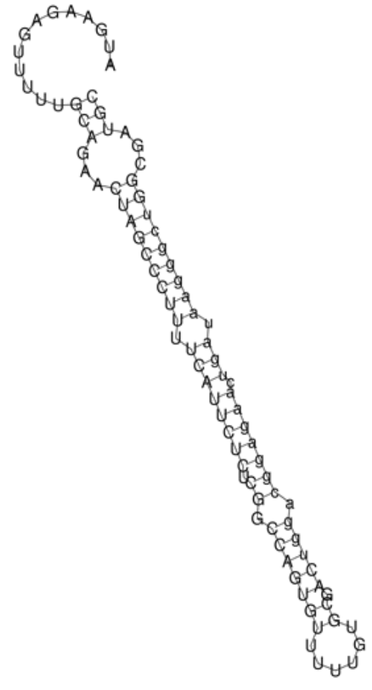


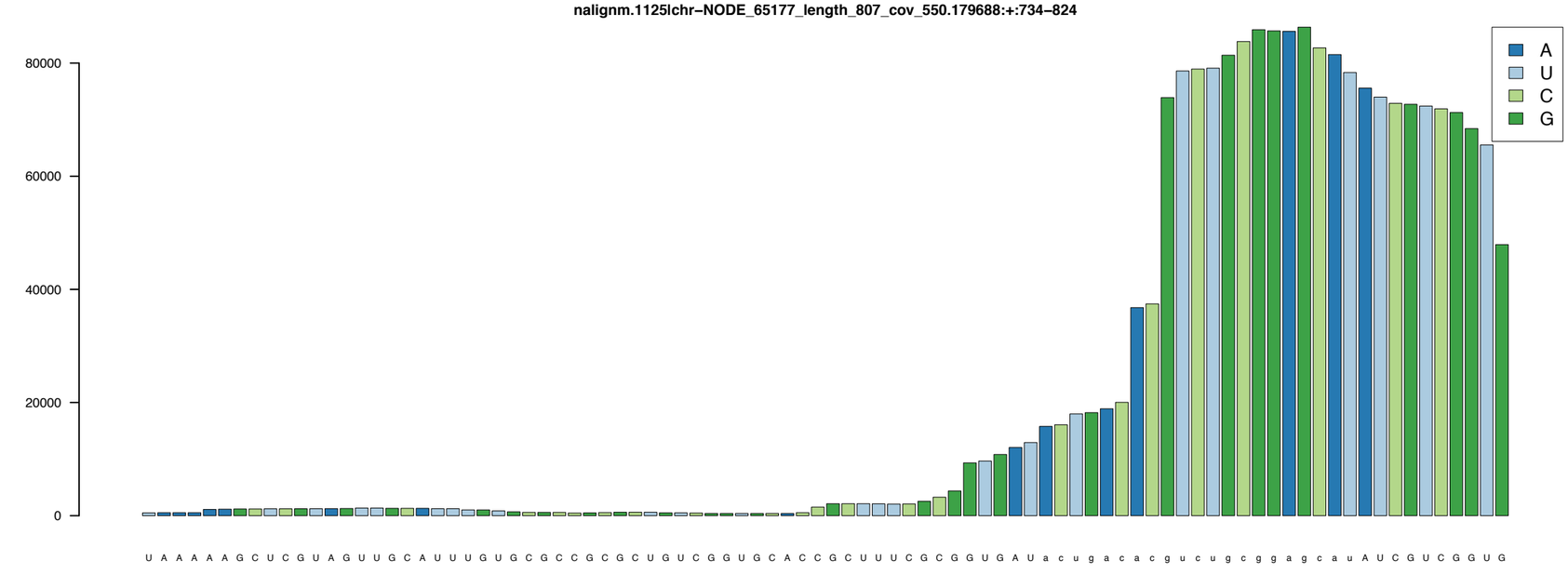
nalignm.845|chr–NODE_718135_length_2186_cov_8.894785:+:635–725
140000
120000
100000
80000
60000
40000
20000
0
A
U
C
G
U G C A C A G G C a a u g g c a c u g g a a g a a u u c a c g g G U U U C U U U U C C G U C C C G U G G U C U C U U A G U G G C A U C A C U G G U G C U U U G C G A U C C U U C A C

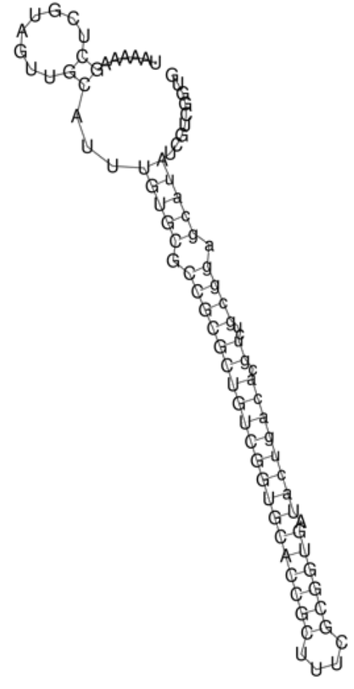

nalignm.62lchr−NODE_57093_length_274_cov_743.222656:−:173−263
A
U
C
G
120000
100000
80000
60000
40000
20000
0
G G A A A G A A G A C C C U G U U G A G C U U G A C U C U A G U C U G G C A U U G U A A G G A G A C A U G A G a g g u g u a g c a u a a g u g g g a g a u c g u u C G C G G U C G U

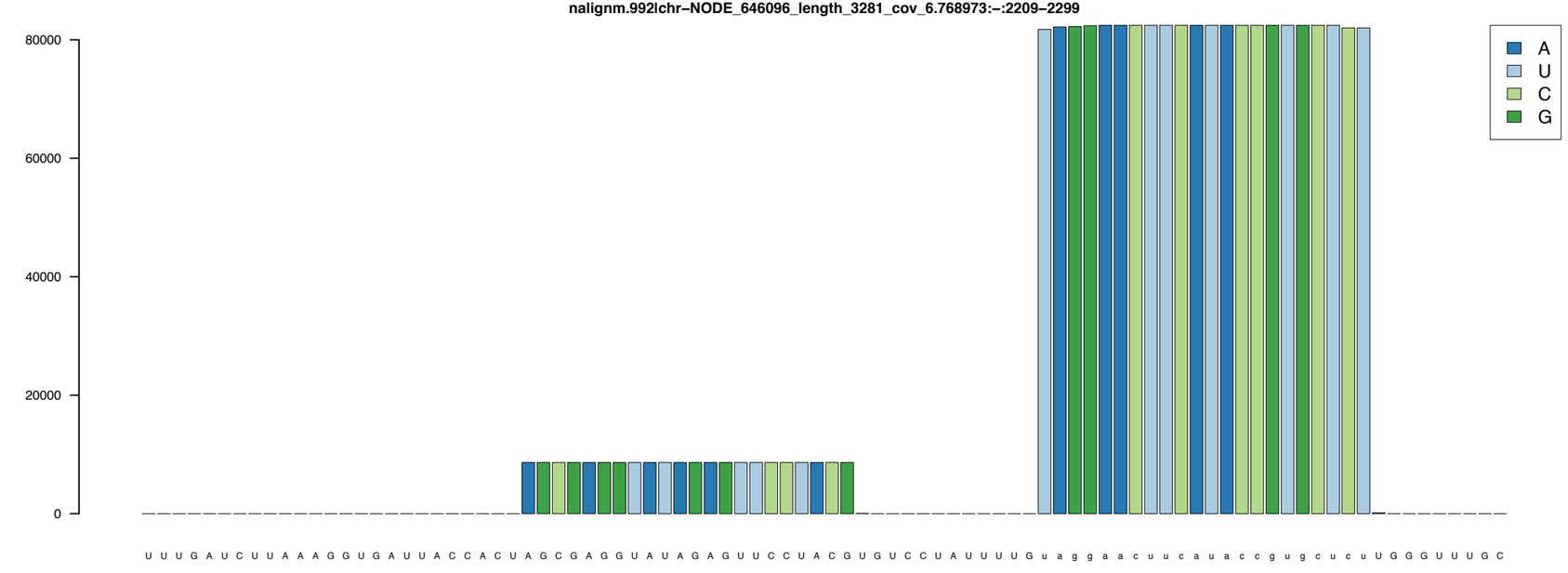


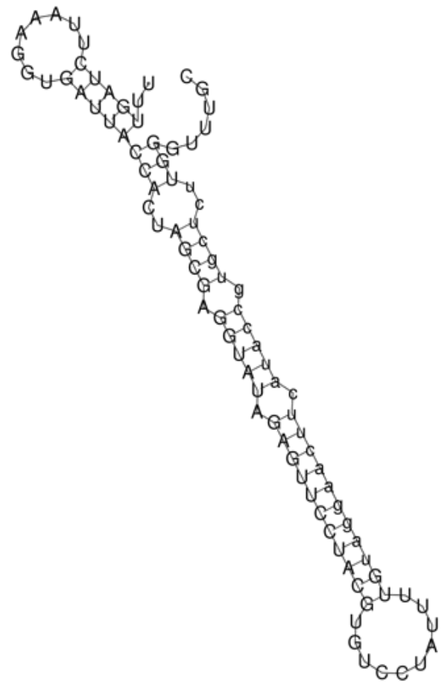

nalignm.814lchr–NODE_817265_length_2821_cov_8.210209:+:2107–2197
120000
100000
80000
60000
40000
20000
0
A
U
C
G
A U G A A G A G U U U U U U G C A G A A C U A G C C C U U U U C A U U C U C U C G G C C A G U G U U U U U U G U G C G A C u g g a c g g a g a a c u g a u a a g g g c u G G C G A U G C

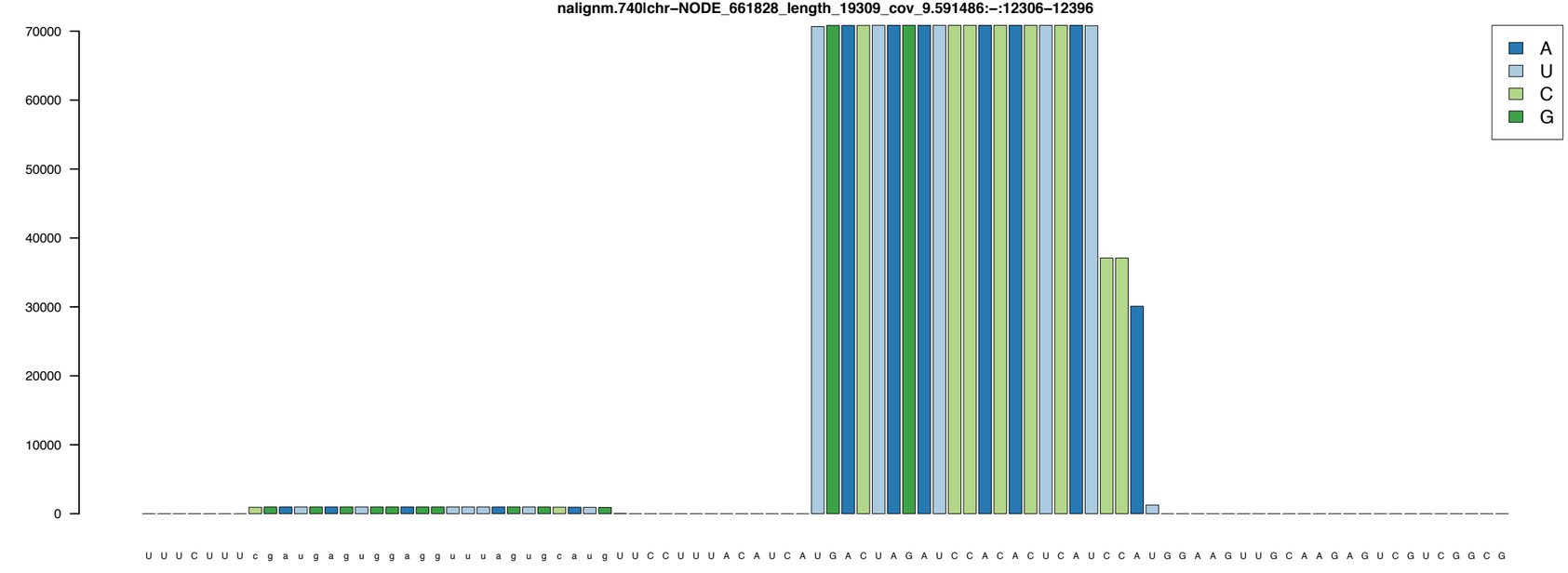


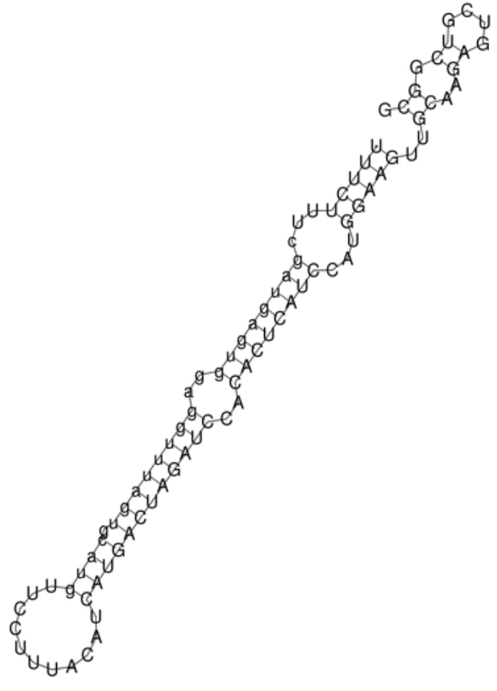

nalignm.1125lchr−NODE_65177_length_807_cov_550.179688:+:734−824
80000
60000
40000
20000
0
A
U
C
G
U A A A A A G C U C G U A G U U G C A U U U G U G C G C C G C G C U G U C G G U G C A C C G C U U U C G C G G U G A U a c u g a c a c g u c u g c g g a g c a u A U C G U C G G U G



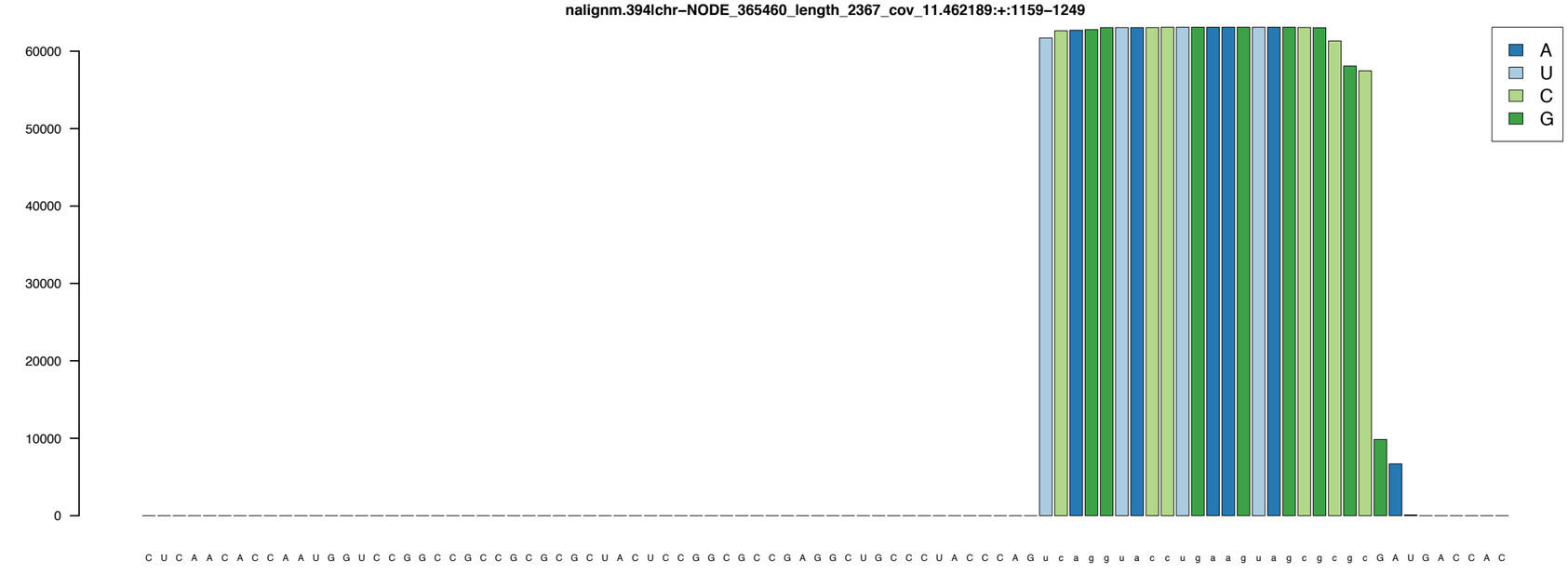

nalignm.992lchr–NODE_646096_length_3281_cov_6.768973:–:2209–2299
80000
60000
40000
20000
0
A
U
C
G
U U U G A U C U U A A A G G U G A U U A C C A C U A G C G A G G U A U A G A G U U C C U A C G U G U C C U A U U U U G u a g g a a c u u c a u a c c g u g c u c u U G G G U U U G C

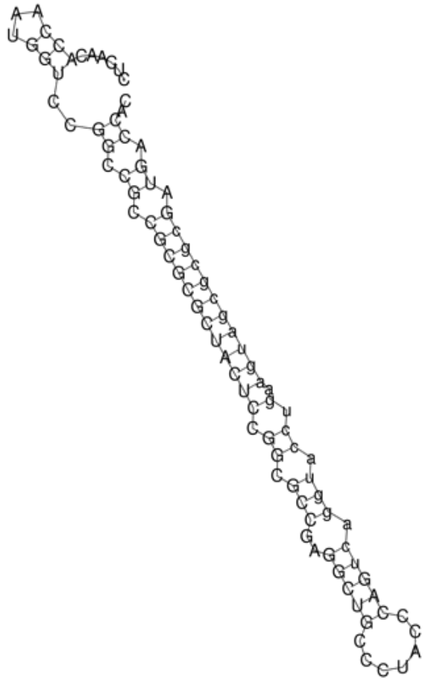


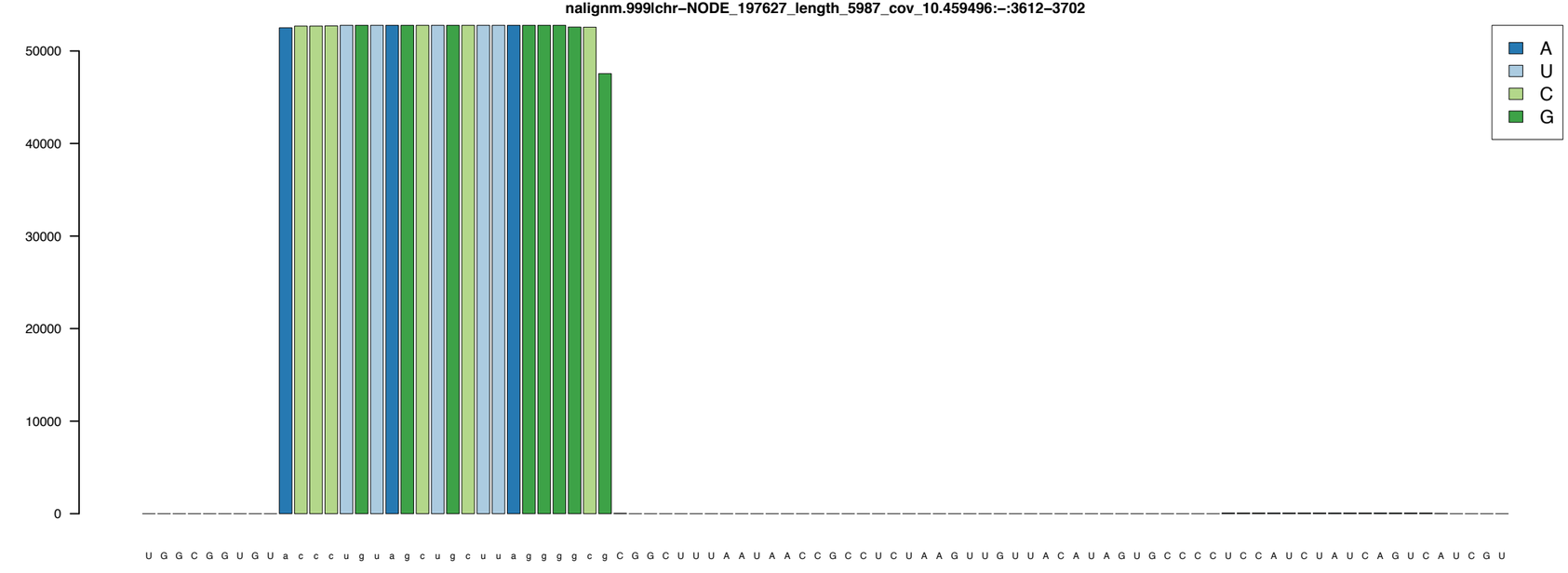

nalignm.740|chr−NODE_661828_length_19309_cov_9.591486:−:12306−12396
70000
60000
50000
40000
30000
20000
10000
0
A
U
C
G
U U U C U U U c g a u g a g u g g a g g u u u a g u g c a u g U U C C U U U A C A U C A U G A C U A G A U C C A C A C U C A U C C A U G G A A G U U G C A A G A G U C G U C G G C G

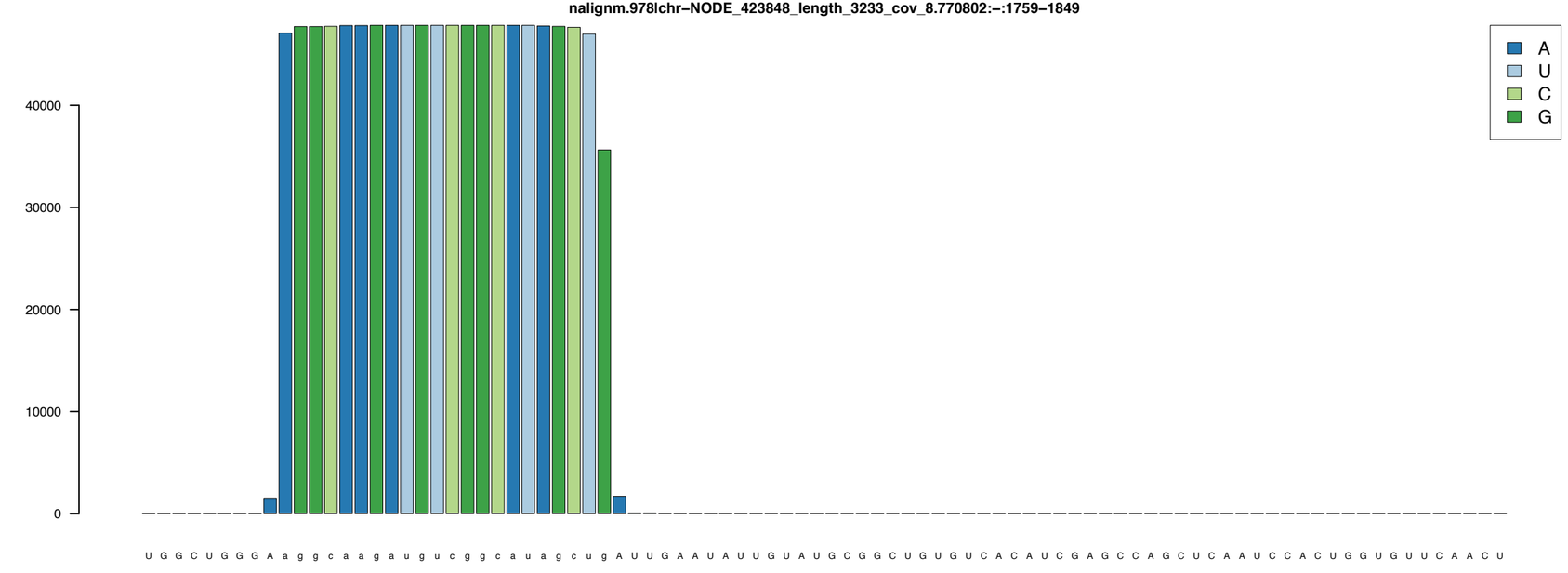


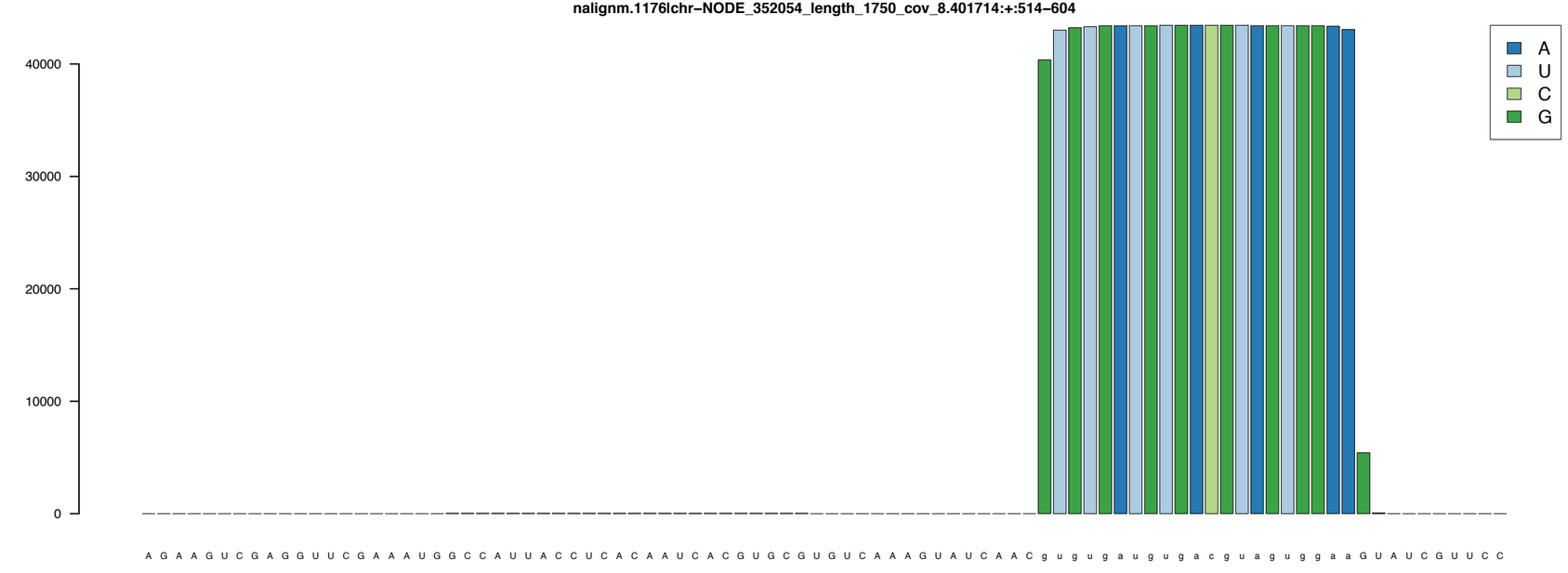
nalignm.335lchr–NODE_260640_length_6147_cov_7.778103:+:2490–2580
60000
50000
40000
30000
20000
10000
0
A
U
C
G
C U G U U A A U G a a g a g a g c u a u c c g u c g a c a g u A U U G A C A G U A A A C A C U G U C A U G G A G U U G C U C U C U U U A U G A A C G G A U G C U G G C C C A G C A G

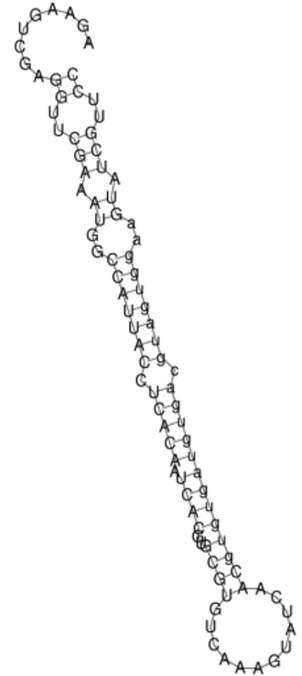

nalignm.394lchr−NODE_365460_length_2367_cov_11.462189:+:1159−1249
60000
50000
40000
30000
20000
10000
0
A
U
C
G
C U C A A C A C C A A U G G U C C G G C C G C C G C G C G C U A C U C C G G C G C C G A G G C U G C C C U A C C C A G u c a g g u a c c u g a a g u a g c g c g c G A U G A C C A C

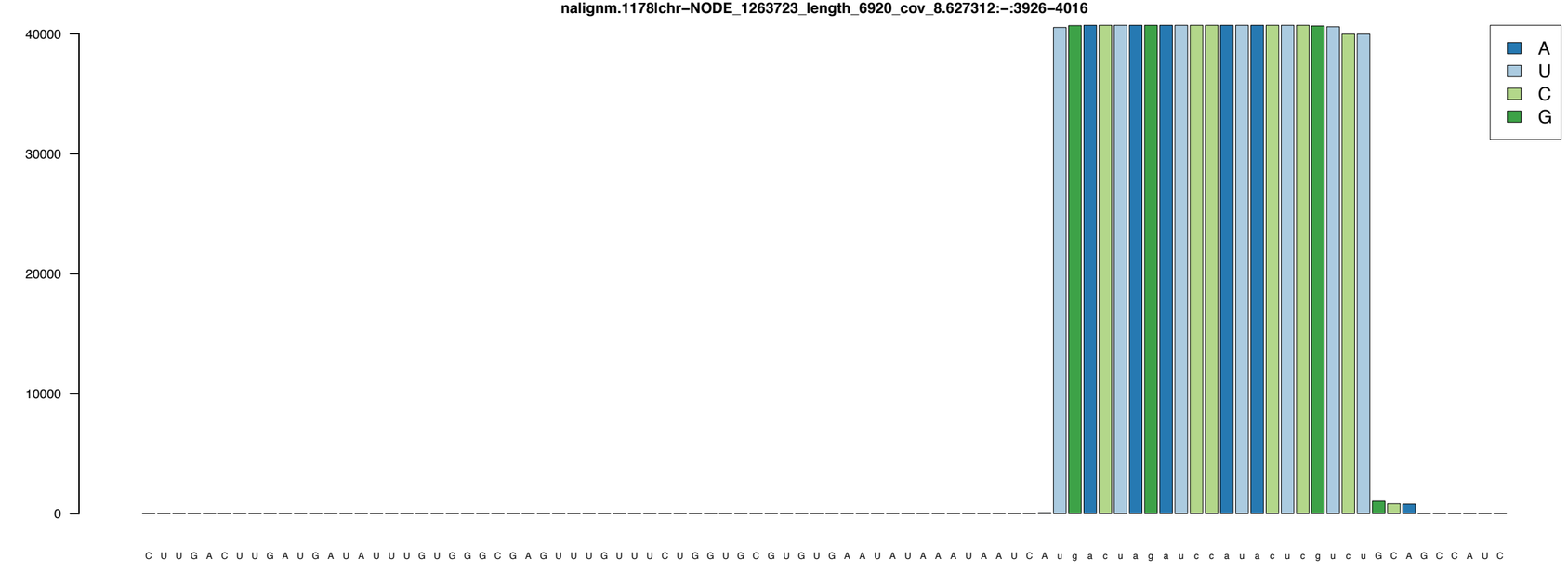


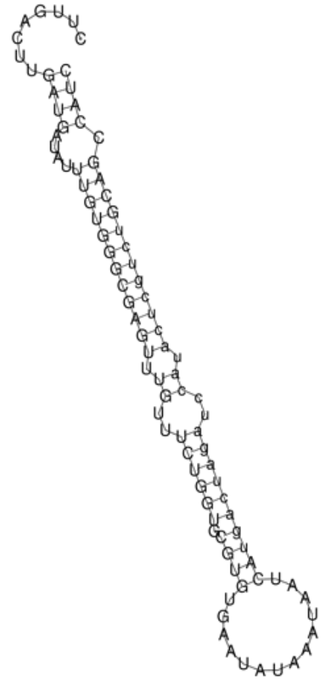

nalignm.999lchr–NODE_197627_length_5987_cov_10.459496:–:3612–3702
50000
40000
30000
20000
10000
0
A
U
C
G
U G G C G G U G U a c c c u g u a g c u g c u u a g g g g c g C G G C U U U A A U A A C C G C C U C U A A G U U G U U A C A U A G U G C C C C U C C A U C U A U C A G U C A U C G U

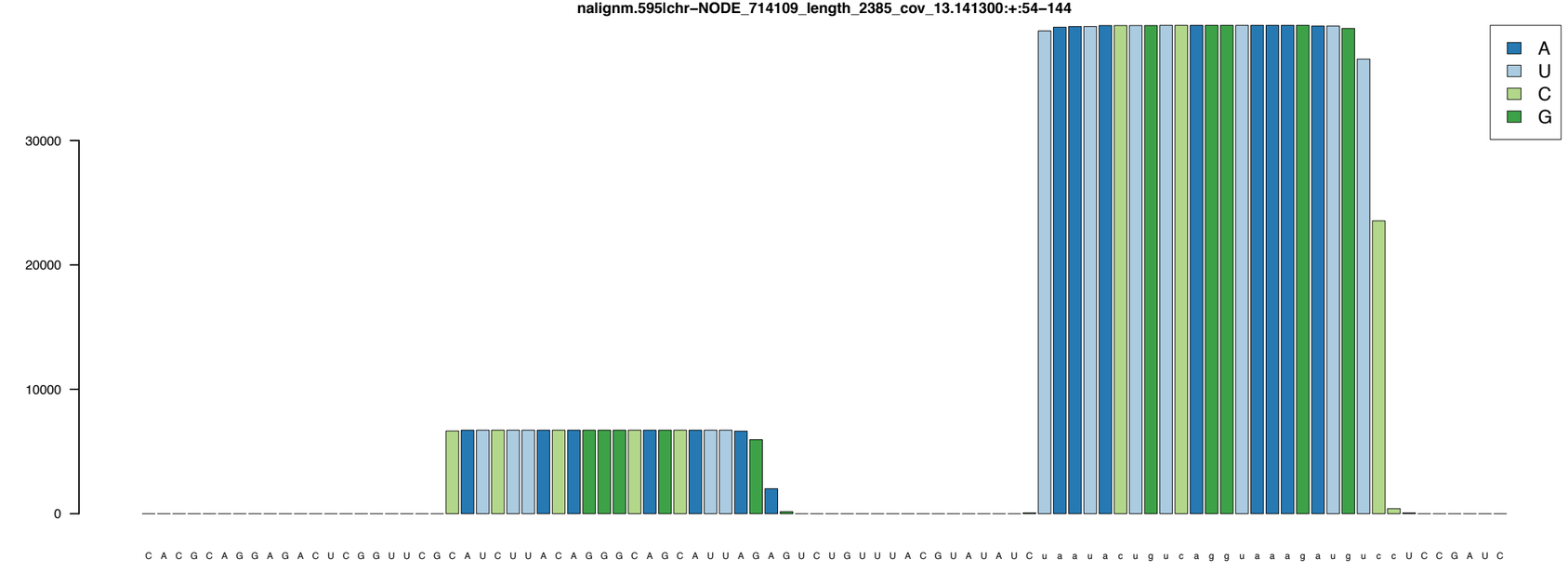

nalignm.978lchr–NODE_423848_length_3233_cov_8.770802:–:1759–1849
A
U
C
G
40000
30000
20000
10000
0
U G G C U G G G A a g g c a a g a u g u c g g c a u a g c u g A U U G A A U A U U G U A U G C G G C U G U G U C A C A U C G A G C C A G C U C A A U C C A C U G G U G U U C A A C U

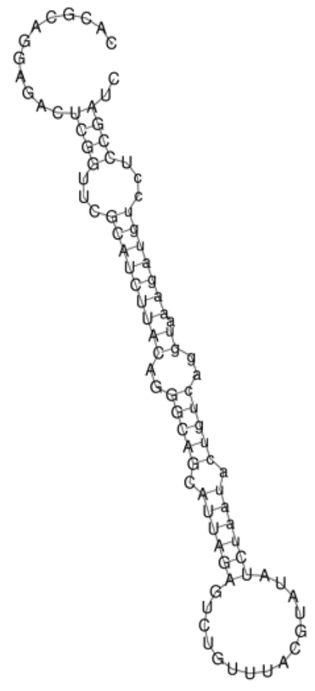

nalignm.1176lchr−NODE_352054_length_1750_cov_8.401714:+:514−604
40000
30000
20000
10000
0
A
U
C
G
A G A A G U C G A G G U U C G A A A U G G C C A U U A C C U C A C A A U C A C G U G C G U G U C A A A G U A U C A A C g u g u g a u g u g a c g u a g u g g a a G U A U C G U U C C

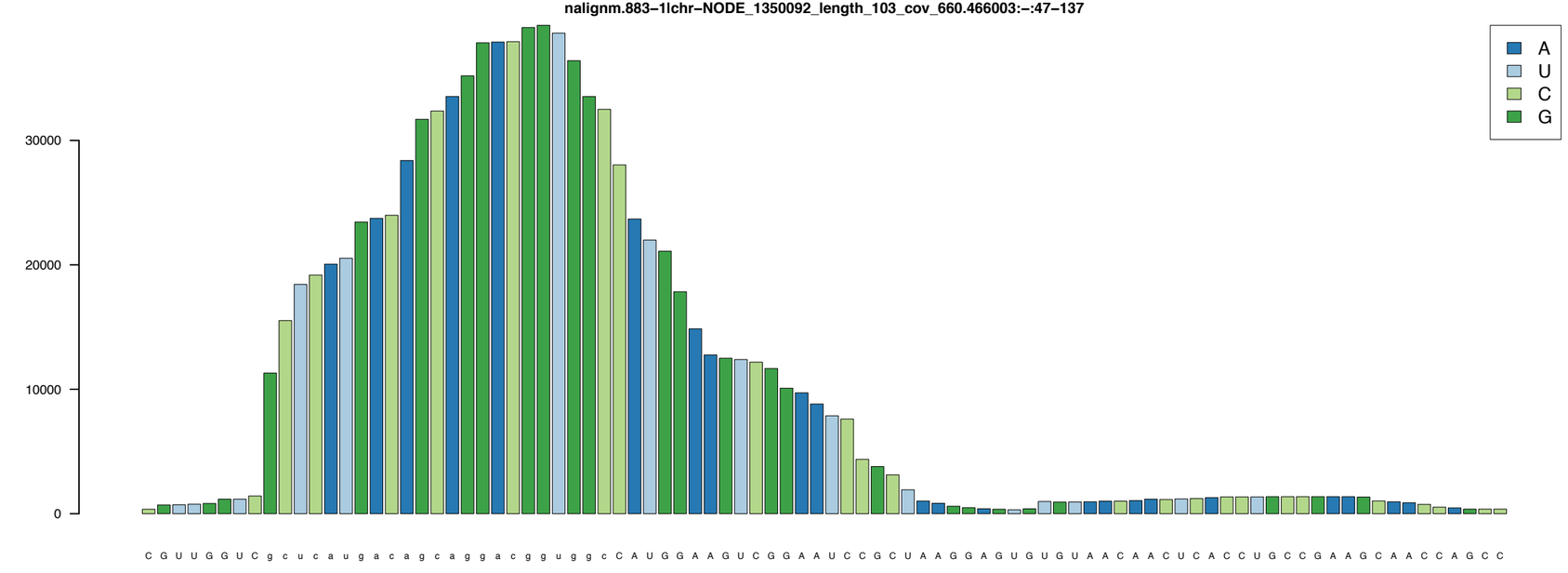


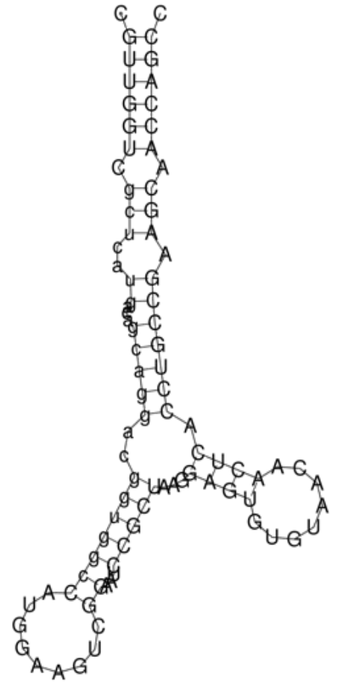

nalignm.1178lchr–NODE_1263723_length_6920_cov_8.627312:–:3926–4016
40000
30000
20000
10000
0
A
U
C
G
C U U G A C U U G A U G A U A U U U G U G G G C G A G U U U G U U U C U G G U G C G U G U G A A U A U A A A U A A U C A u g a c u a g a u c c a u a c u c g u c u G C A G C C A U C

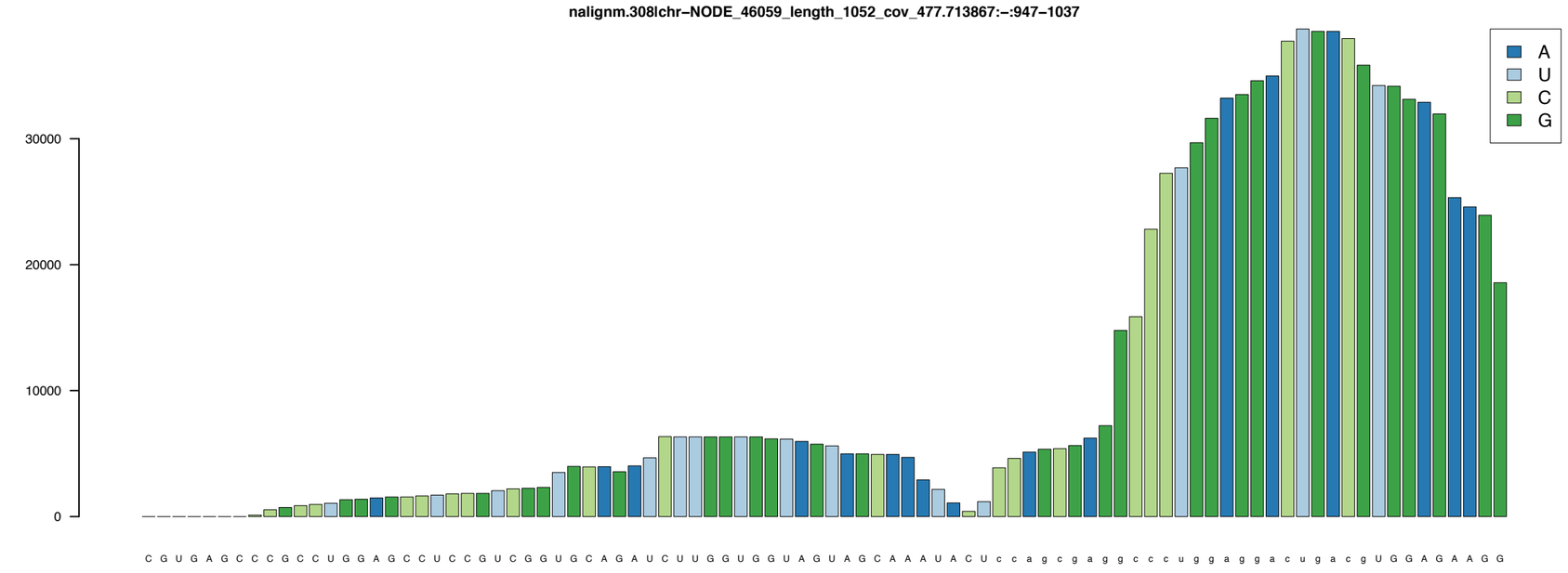


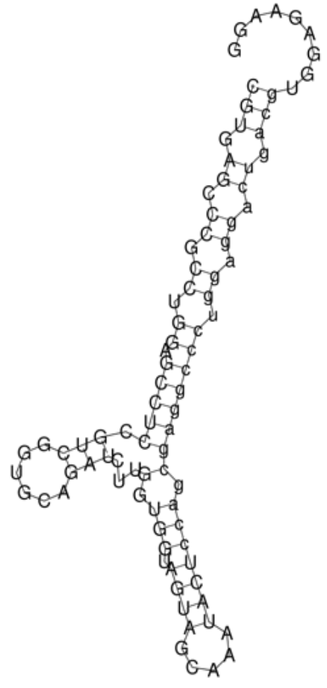

nalignm.595|chr–NODE_714109_length_2385_cov_13.141300:+:54–144
A
U
C
G
30000
20000
10000
0
C A C G C A G G A G A C U C G G U U C G C A U C U U A C A G G G C A G C A U U A G A G U C U G U U U A C G U A U A U C u a a u a c u g u c a g g u a a a g a u g u c c U C C G A U C

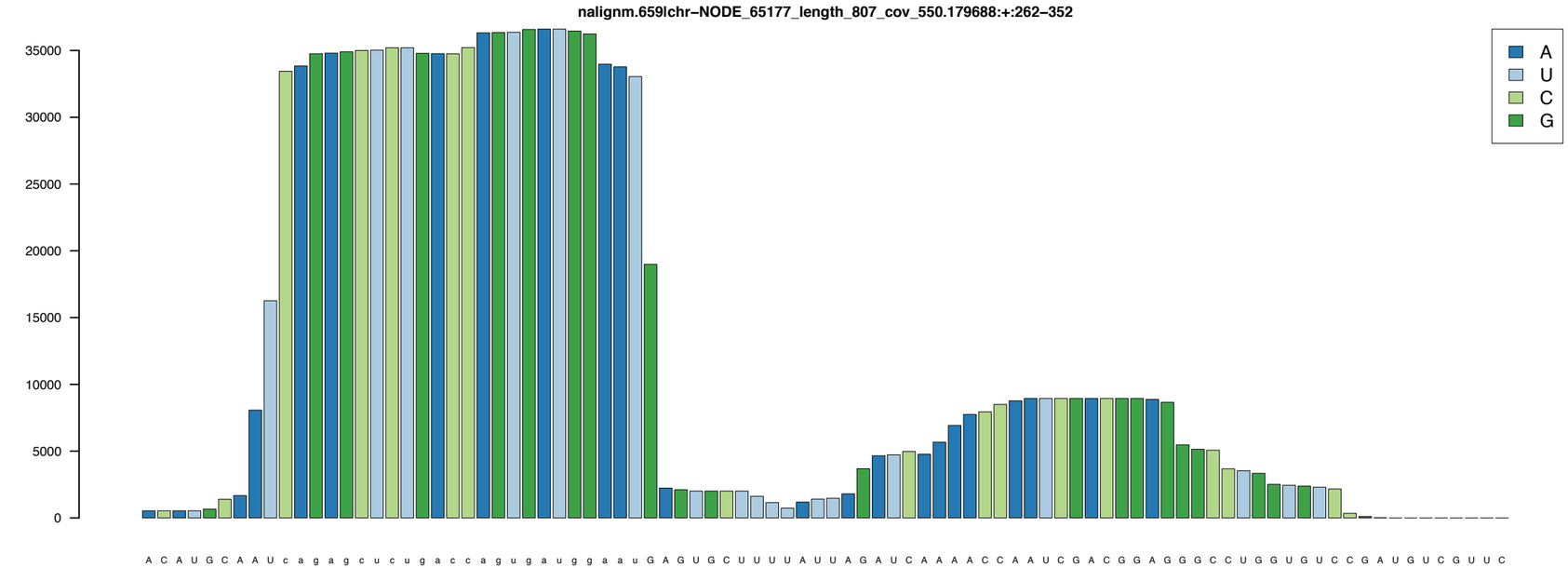


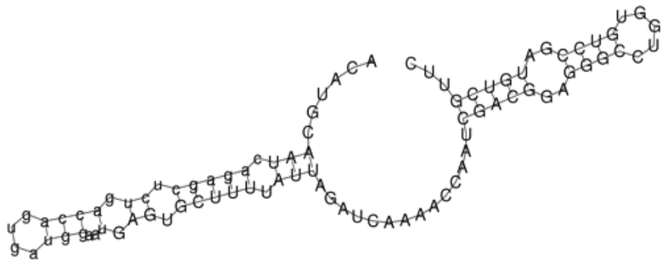

nalignm.883−1lchr−NODE_1350092_length_103_cov_660.466003:−:47−137
A
U
C
G
30000
20000
10000
0
C G U U G G U C g c u c a u g a c a g c a g g a c g g u g g c C A U G G A A G U C G G A A U C C G C U A A G G A G U G U G U A A C A A C U C A C C U G C C G A A G C A A C C A G C C

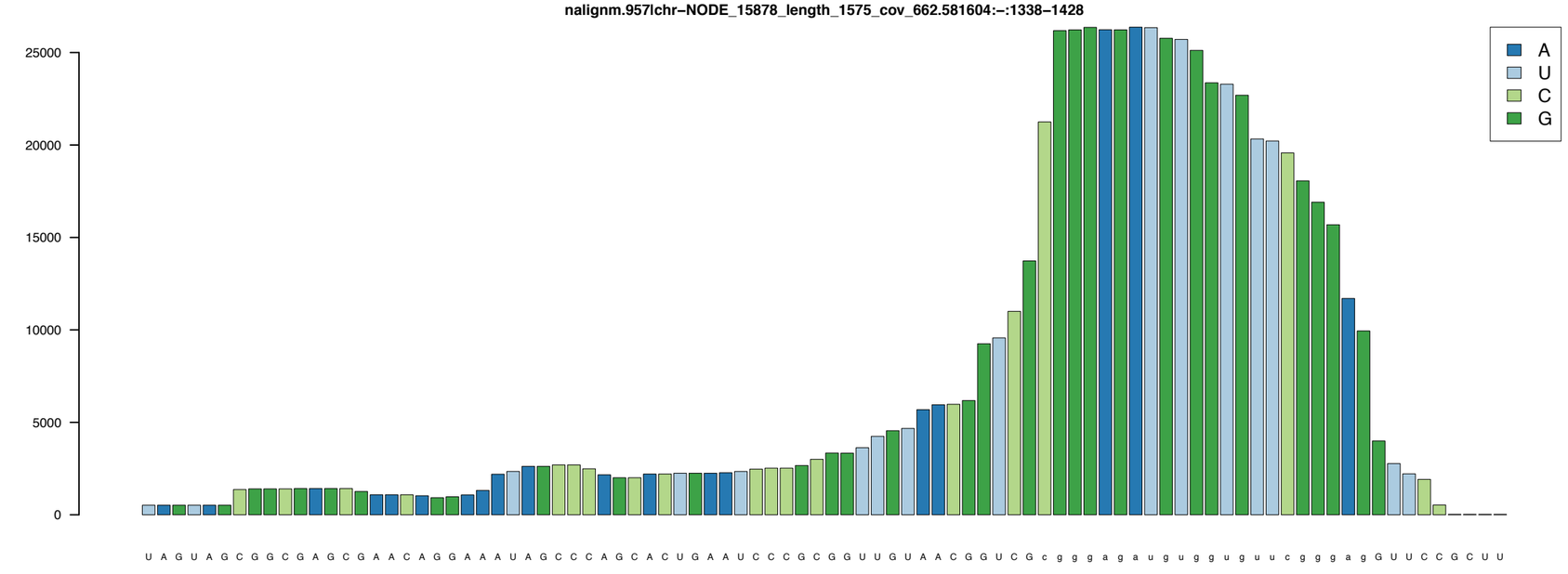


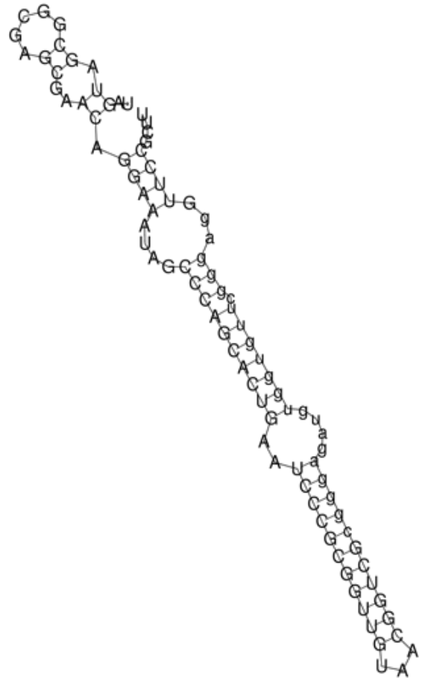

nalignm.308lchr–NODE_46059_length_1052_cov_477.713867:–:947–1037
A
U
C
G
30000
20000
10000
0
C G U G A G C C C G C C U G G A G C C U C C G U C G G U G C A G A U C U U G G U G G U A G U A G C A A A U A C U c c a g c g a g g c c c u g g a g g a c u g a c g U G G A G A A G G

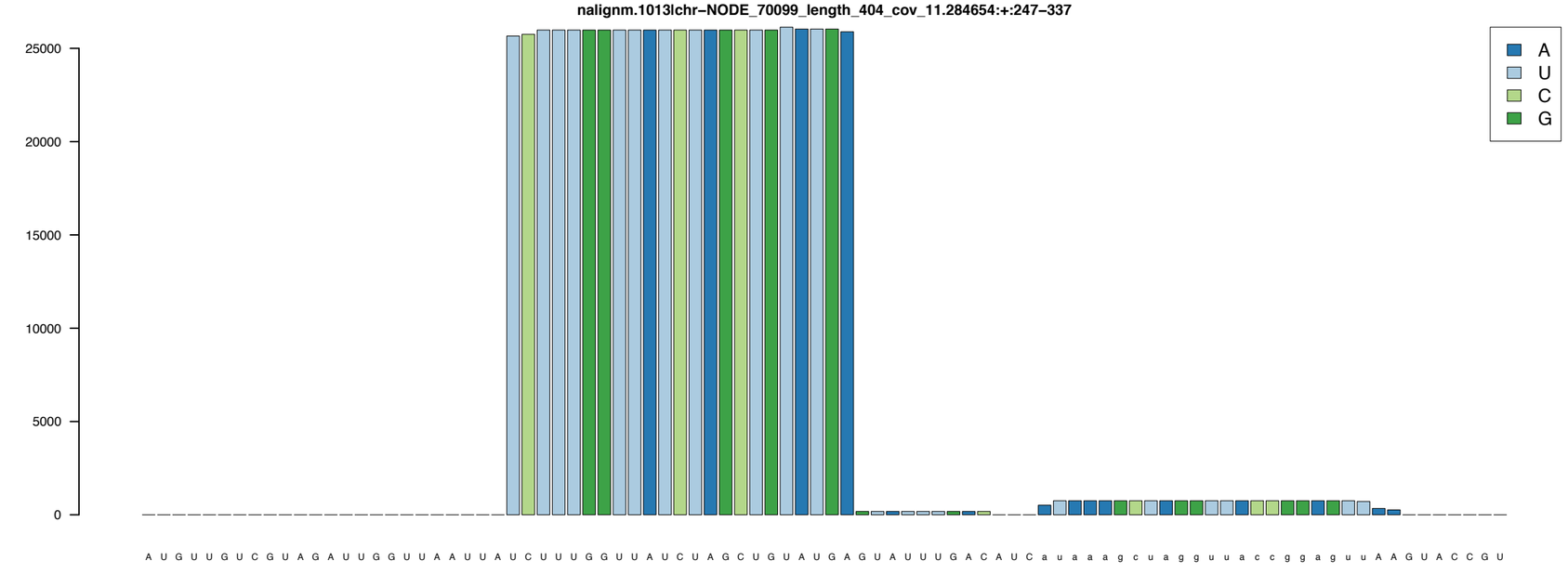


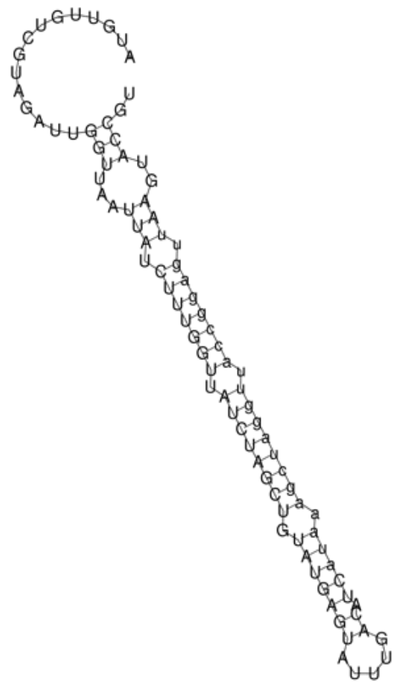

nalignm.659|chr−NODE_65177_length_807_cov_550.179688:+:262−352
35000
30000
25000
20000
15000
10000
5000
0
A
U
C
G
A C A U G C A A U c a g a g c u c u g a c c a g u g a u g g a a u G A G U G C U U U U A U U A G A U C A A A A C C A A U C G A C G G A G G G C C U G G U G U C C G A U G U C G U U C

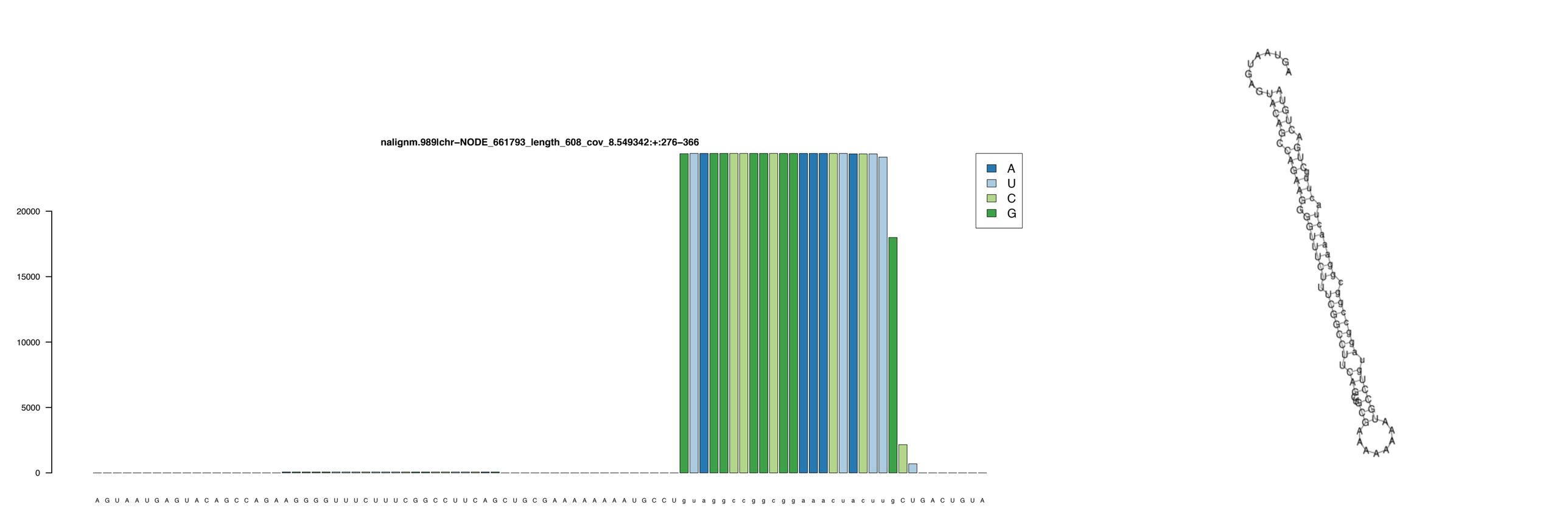


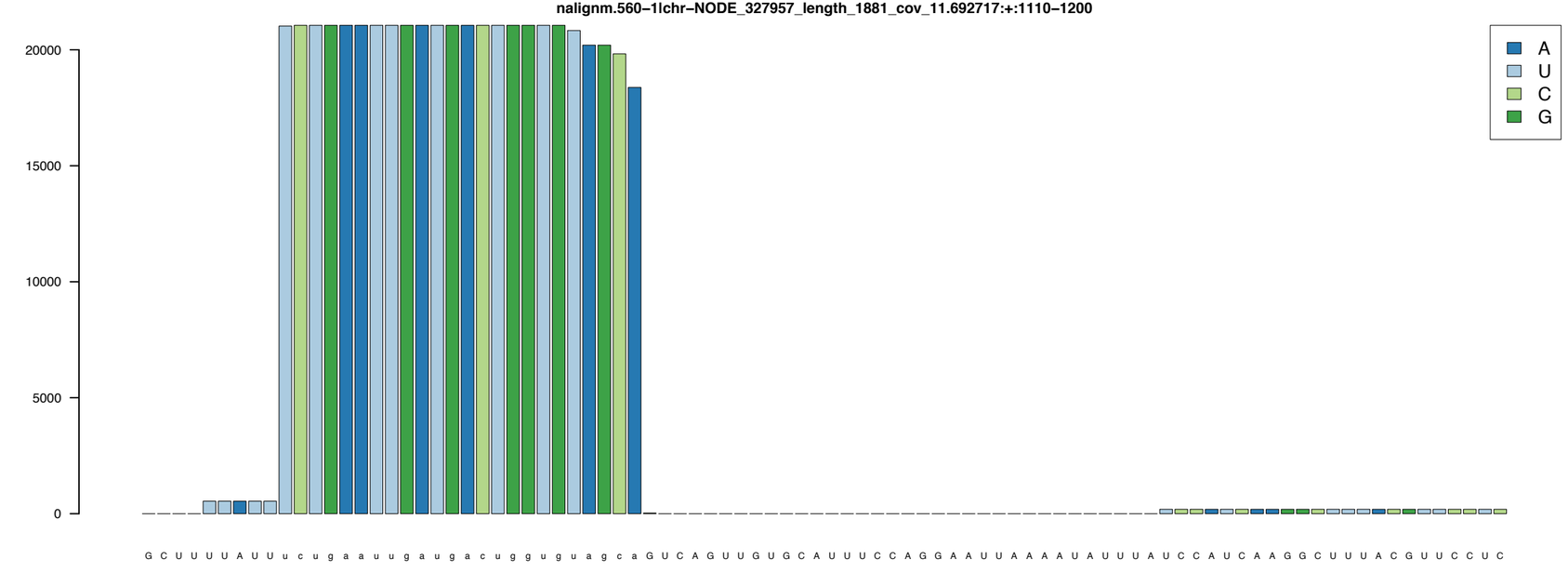

nalignm.957lchr–NODE_15878_length_1575_cov_662.581604:–:1338–1428
25000
20000
15000
10000
5000
0
A
U
C
G
U A G U A G C G G C G A G C G A A C A G G A A A U A G C C C A G C A C U G A A U C C C G C G G U U G U A A C G G U C G c g g g a g a u g u g g u g u u c g g g a g G U U C C G C U U

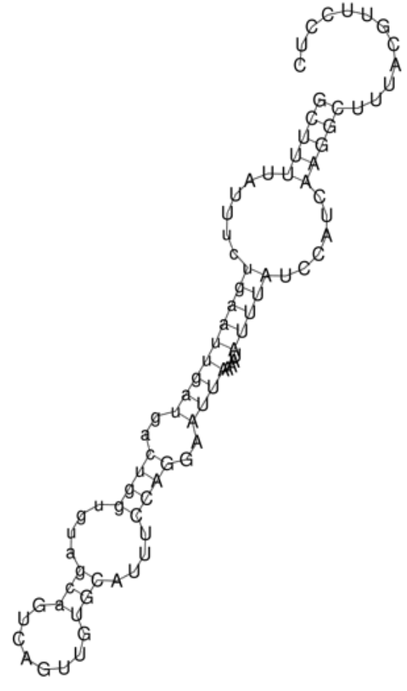


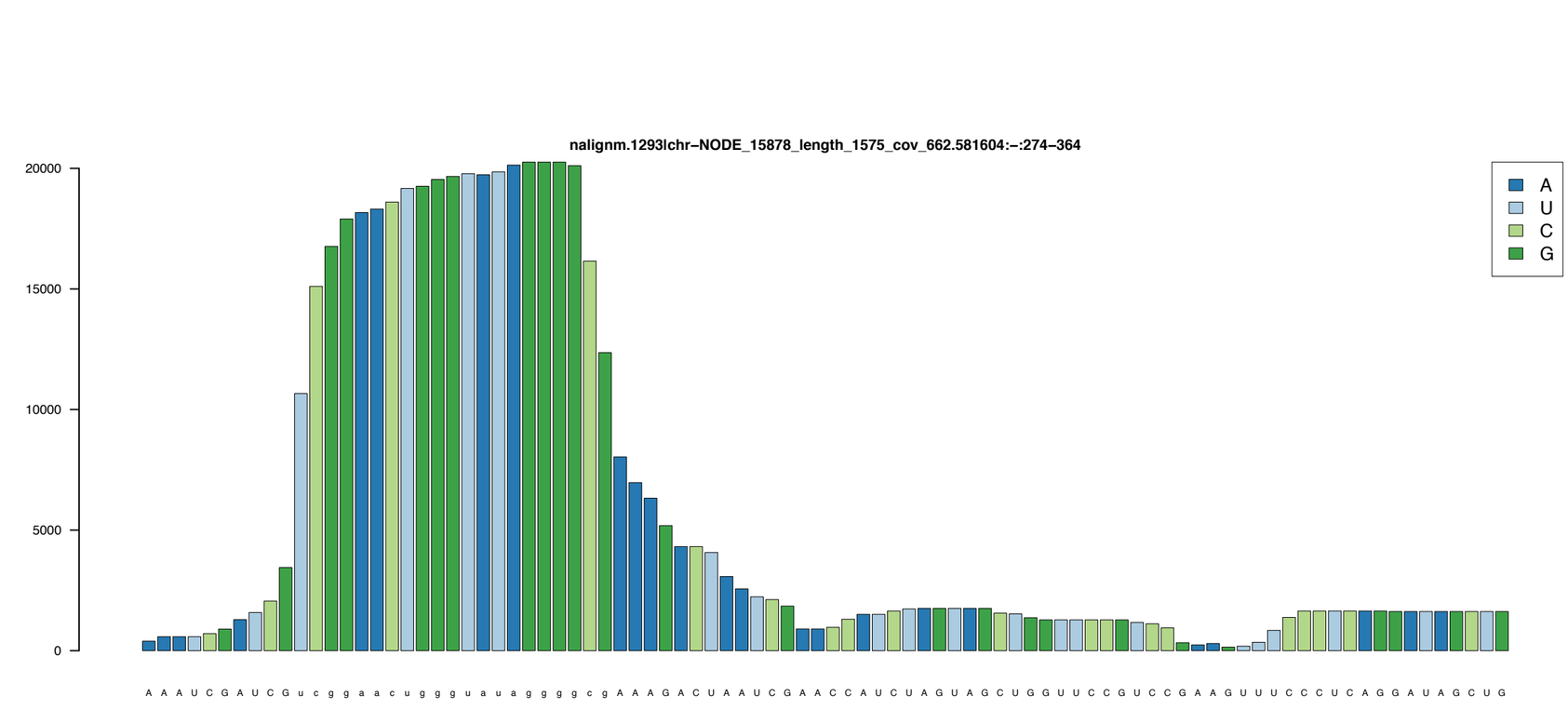

nalignm.1013lchr−NODE_70099_length_404_cov_11.284654:+:247−337
25000
20000
15000
10000
5000
0
A
U
C
G
A U G U U G U C G U A G A U U G G U U A A U U A U C U U U G G U U A U C U A G C U G U A U G A G U A U U U G A C A U C a u a a a g c u a g g u u a c c g g a g u u A A G U A C C G U

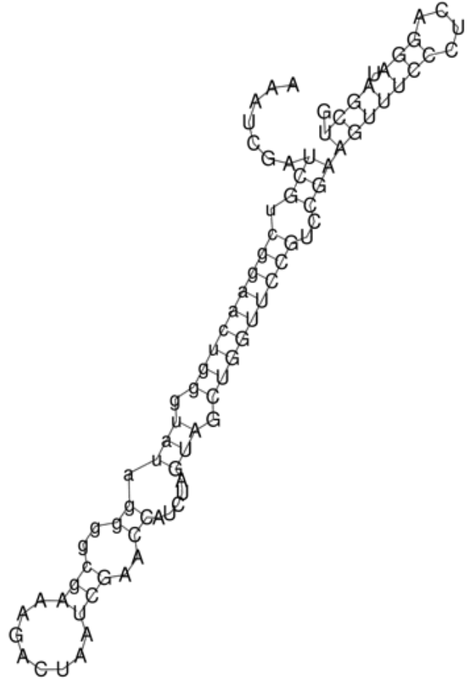


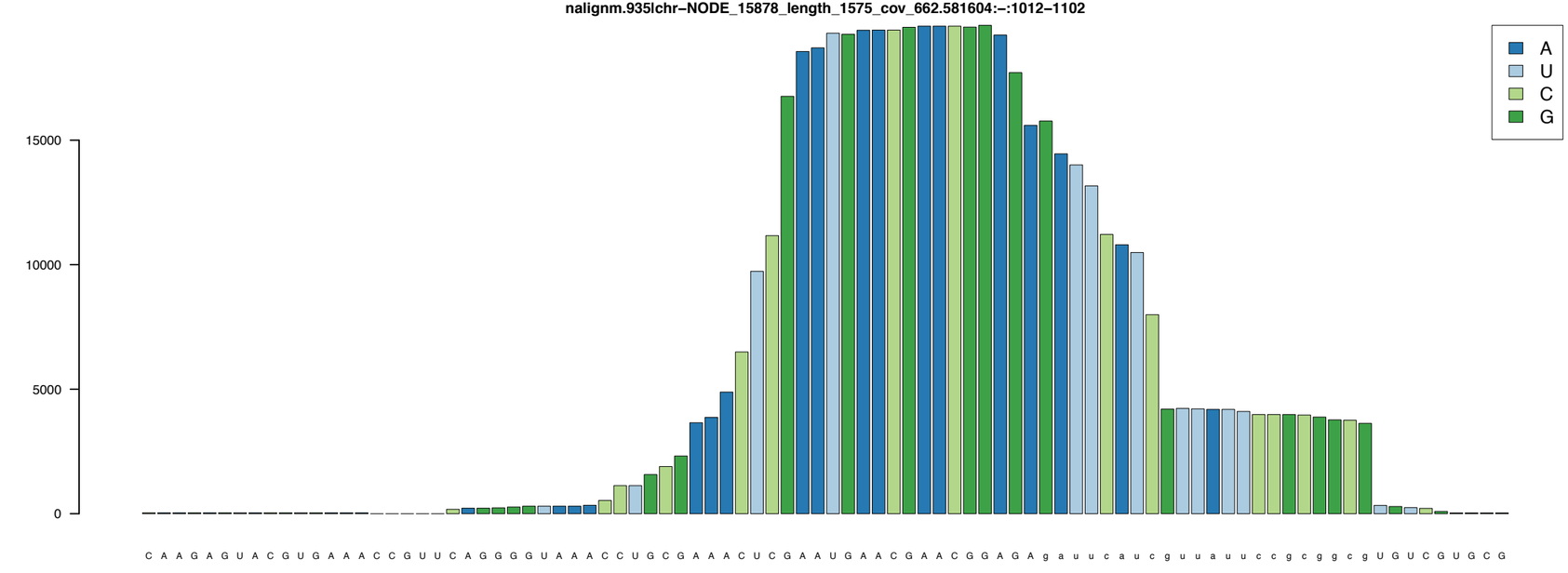

nalignm.989lchr−NODE_661793_length_608_cov_8.549342:+:276−366
20000
15000
10000
5000
0
A
U
C
G
A G U A A U G A G U A C A G C C A G A A G G G G U U U C U U U C G G C C U U C A G C U G C G A A A A A A A A A U G C C U g u a g g c c g g c g g a a c u a c u u g C U G A C U G U A

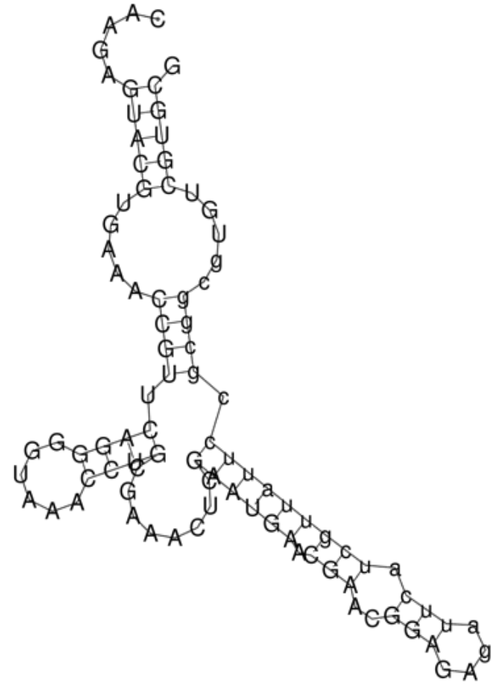

nalignm.560−1lchr−NODE_327957_length_1881_cov_11.692717:+:1110−1200
20000
15000
10000
5000
0
A
U
C
G
G C U U U U A U U u c u g a a u u g a u g a c u g g u g u a g c a G U C A G U U G U G C A U U U U C C A G G A A U U A A A A U A U U U A U C C A U C A A G G C U U U A C G U U C C U C

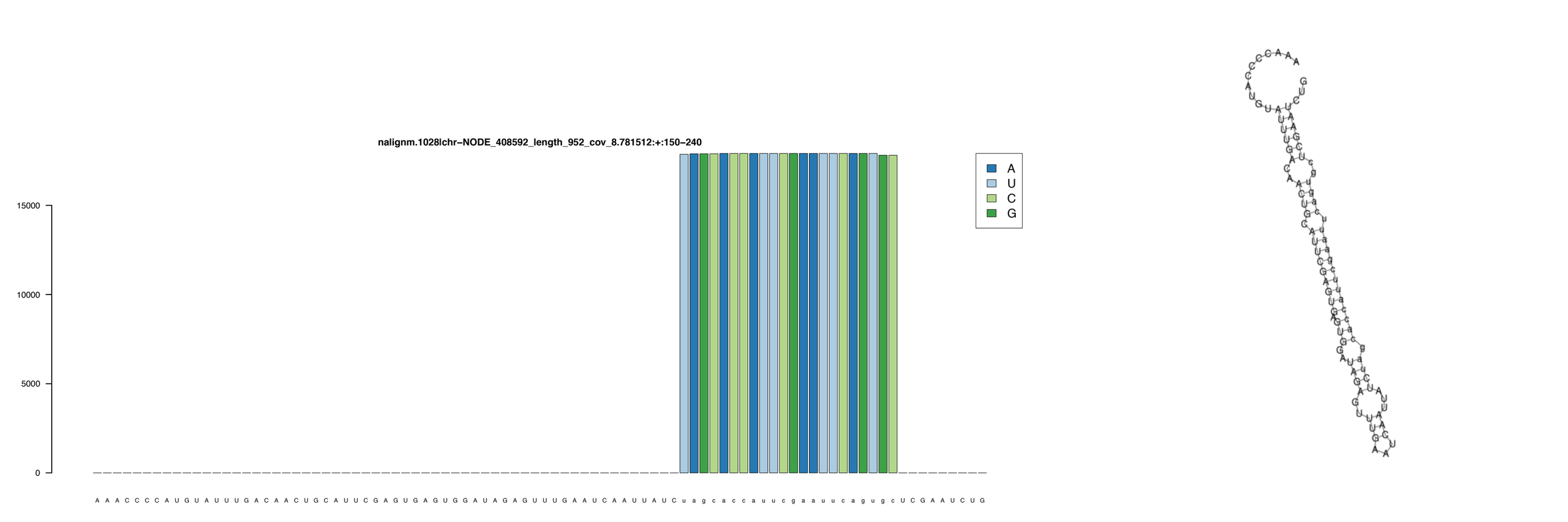


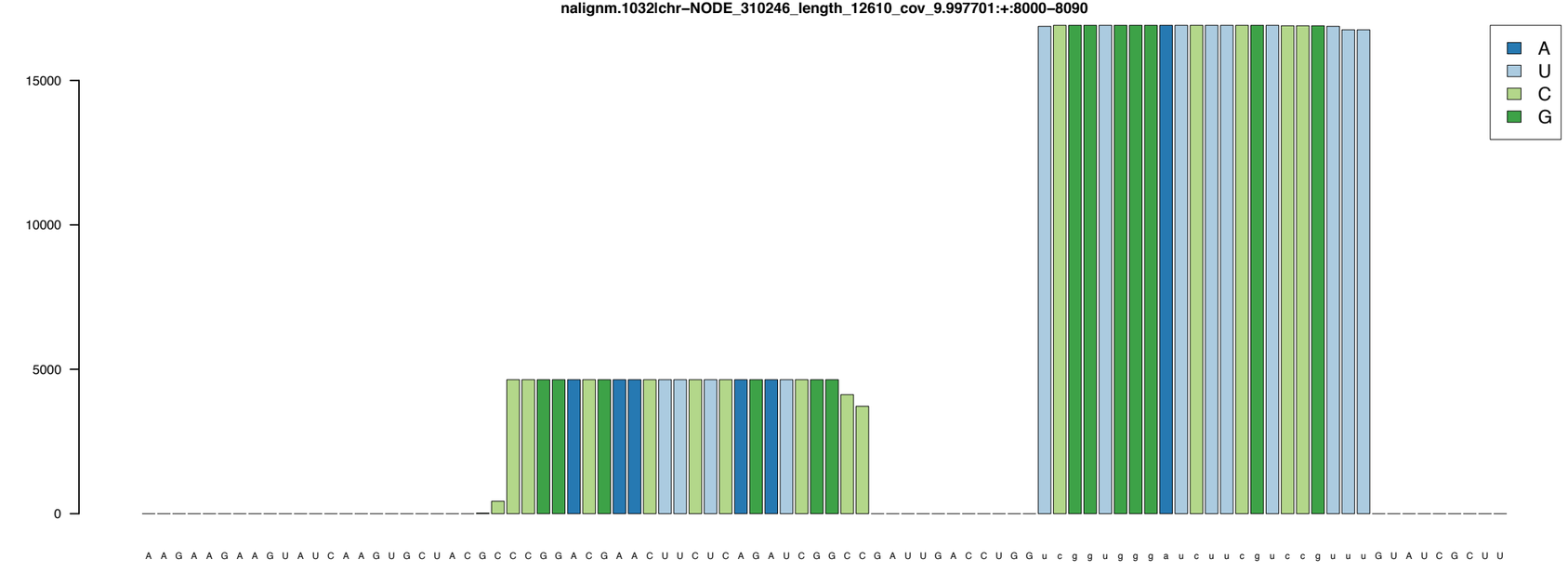

nalignm.1293|chr−NODE_15878_length_1575_cov_662.581604:−:274−364
20000
15000
10000
5000
0
A
U
C
G
A A A U C G A U C G u c g g a a c u g g g u a u a g g g g c g A A A G A C U A A U C G A A C C A U C U A G U A G C U G G U U C C G U C C G A A G U U U C C C U C A G G A U A G C U G

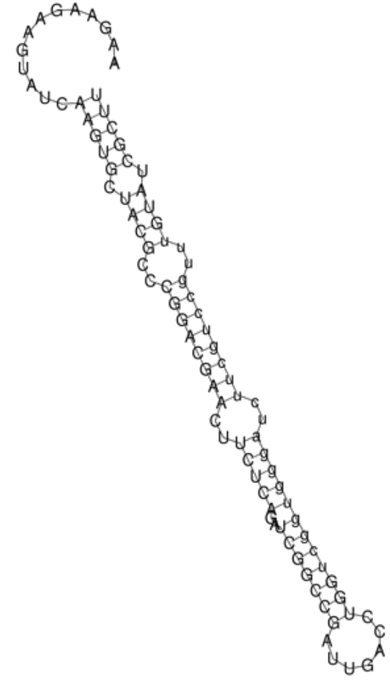


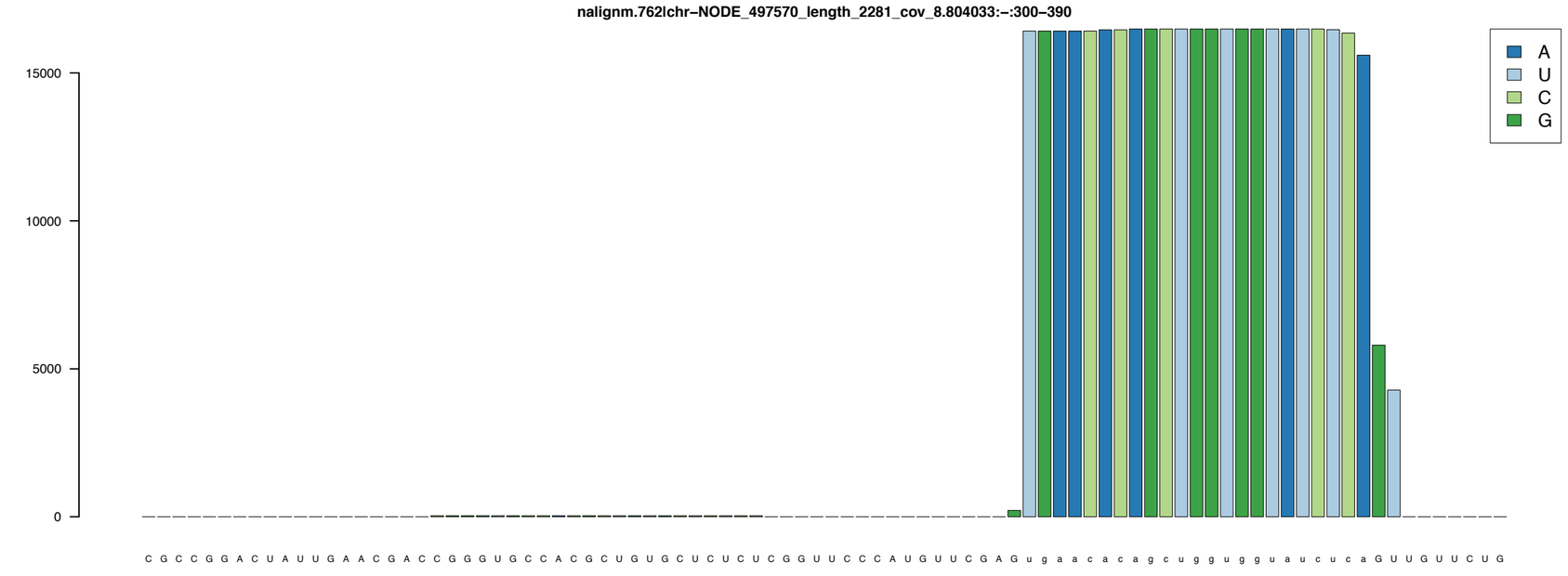

nalignm.935lchr–NODE_15878_length_1575_cov_662.581604:–:1012–1102
A
U
C
G
15000
10000
5000
0
C A A G A G U A C G U G A A A C C G U U C A G G G G U A A A C C U G C G A A A C U C G A A U G A A C G A A C G G A G A g a u u c a u c g u u a u u c c g c g g c g U G U C G U G C G

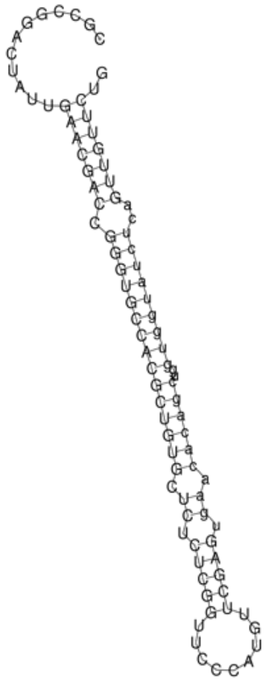


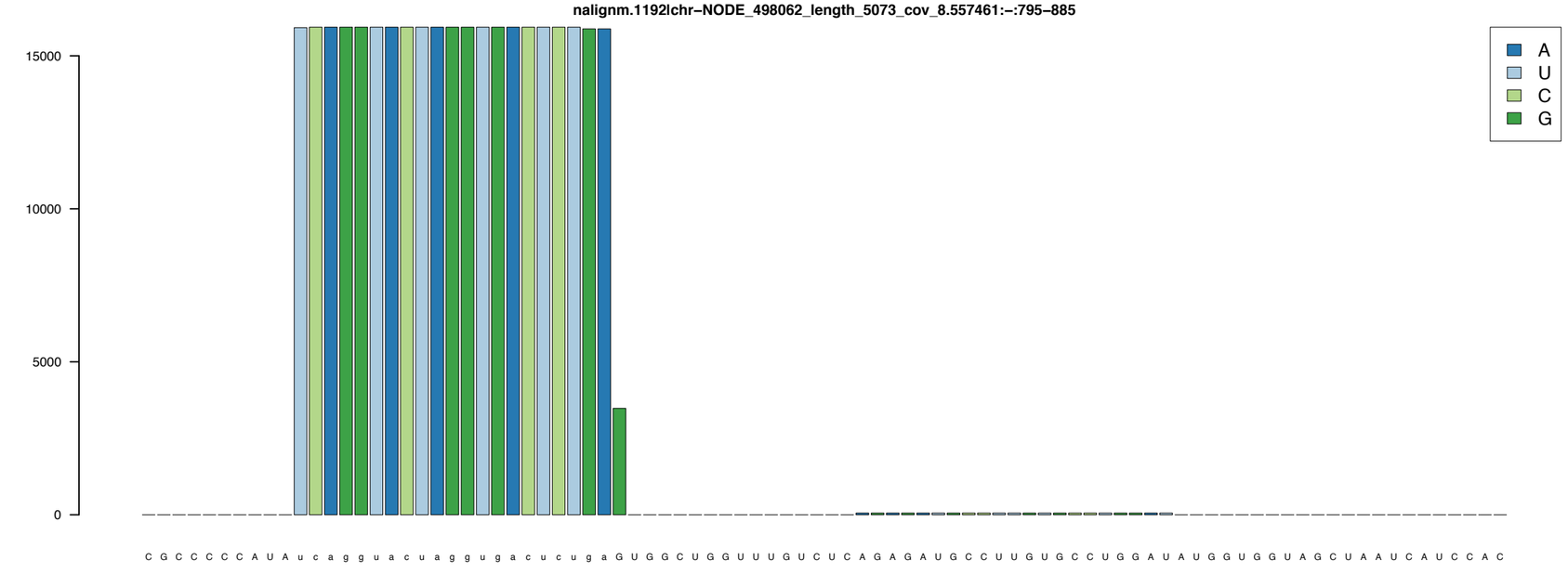
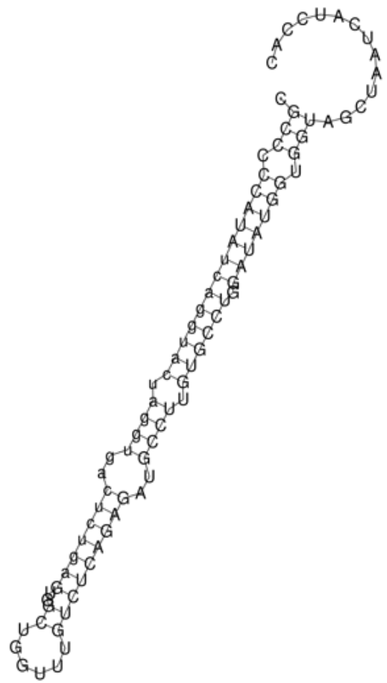

nalignm.1028lchr−NODE_408592_length_952_cov_8.781512:+:150−240
15000
10000
5000
0
A
U
C
G
A A A C C C C A U G U A U U U G A C A A C U G C A U U C G A G U G A G U G G A U A G A G U U U G A A U C A A U U A U C u a g c a c c a u u c g a a u u c a g u g c U C G A A U C U G

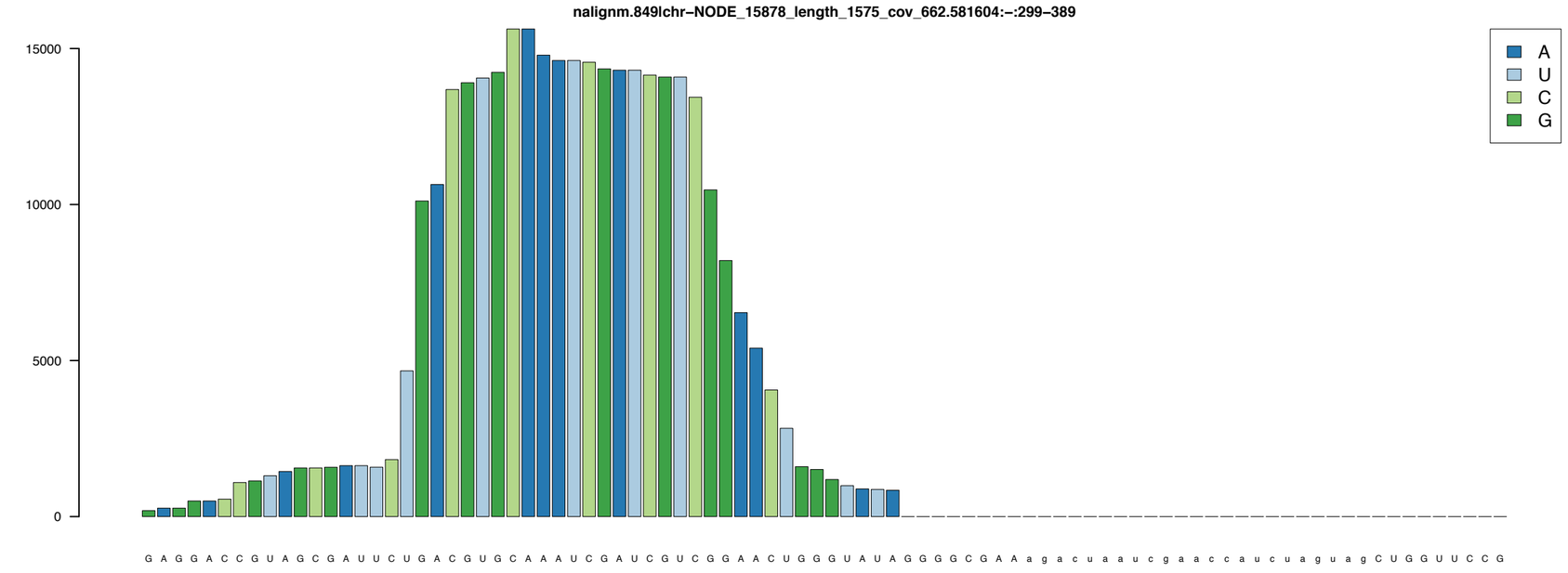

nalignm.1032lchr–NODE_310246_length_12610_cov_9.997701:+:8000–8090
15000
10000
5000
0
A
U
C
G
A A G A A G A A G U A U C A A G U G C U A C G C C C G G A C G A A C U U C U C A G A U C G G C C G A U U G A C C U G G u c g g u g g g a u c u u c g u c c g u u u G U A U C G C U U

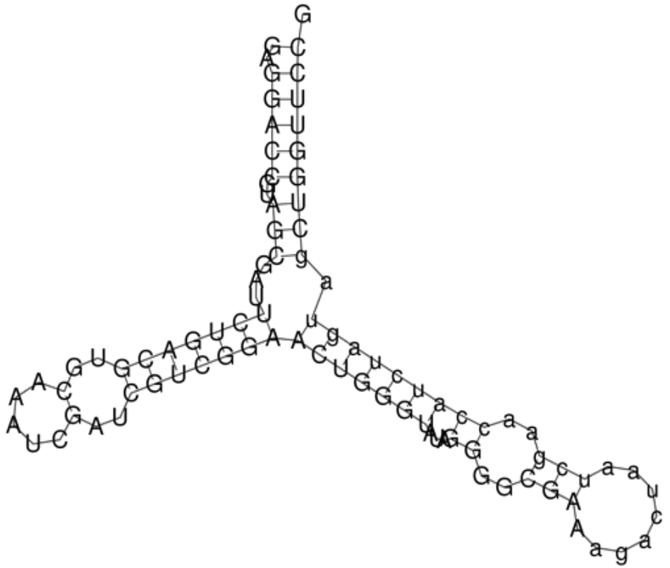


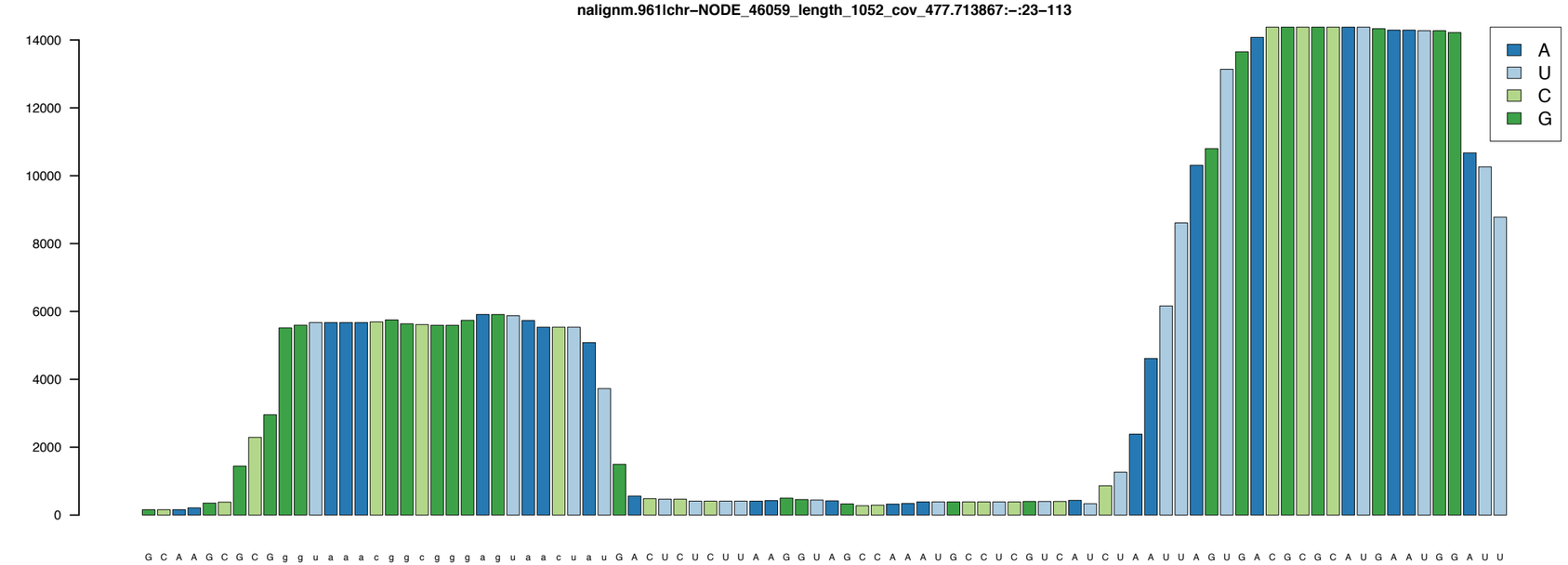

nalignm.762lchr−NODE_497570_length_2281_cov_8.804033:−:300−390
15000
10000
5000
0
A
U
C
G
C G C C G G A C U A U U G A A C G A C C G G G U G C C A C G C U G U G C U C U C U C G G U U C C C A U G U U C G A G u g a a c a c a g c u g g u g g u a u c u c a G U U G U U C U G

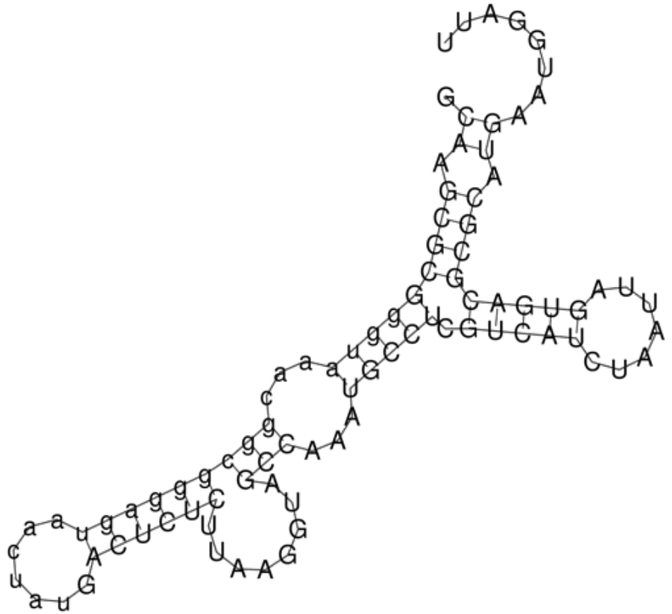


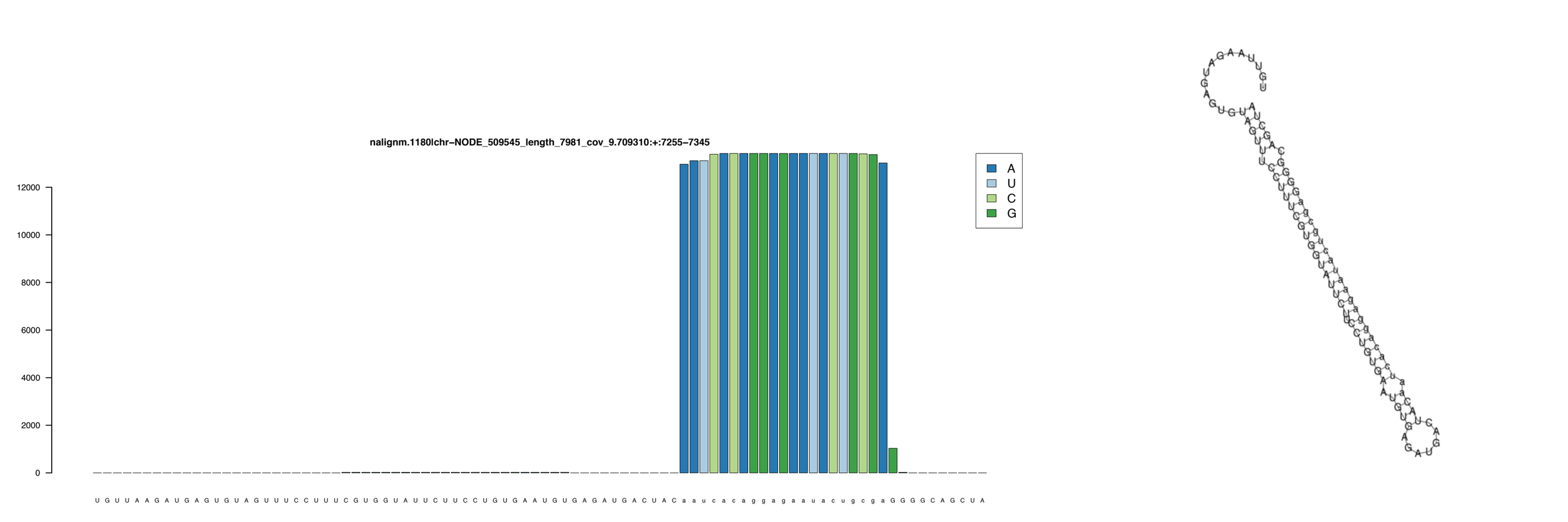

nalignm.1192lchr−NODE_498062_length_5073_cov_8.557461:−:795−885
15000
10000
5000
0
A
U
C
G
C G C C C C C A U A u c a g g u a c u a g g u g a c u c u g a G U G G C U G G U U U G U C U C A G A G A U G C C U U G U G C C U G G A U A U G G U G G U A G C U A A U C A U C C A C


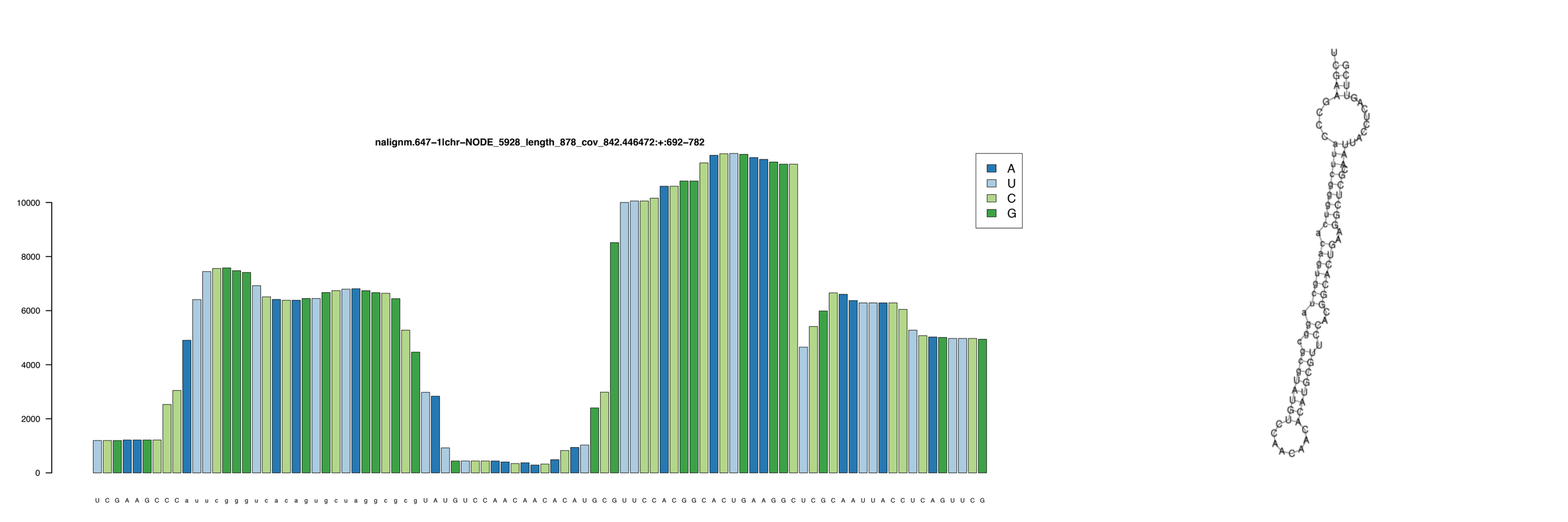

nalignm.849|chr–NODE_15878_length_1575_cov_662.581604:–:299–389
15000
10000
5000
0
A
U
C
G
G A G G A C C G U A G C G A U U C U G A C G U G C A A A U C G A U C G U C G G A A C U G G G U A U A G G G G C G A A a g a c u a a u c g a a c c a u c u a g u a g C U G G U U C C G

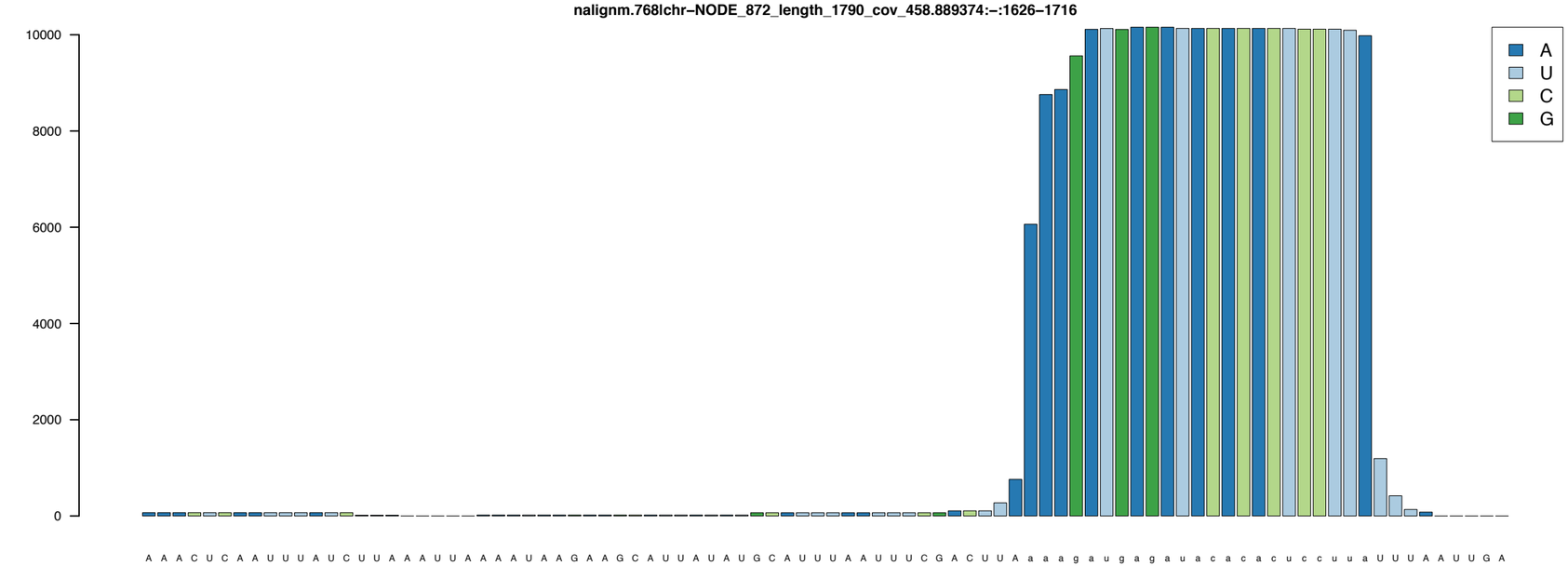


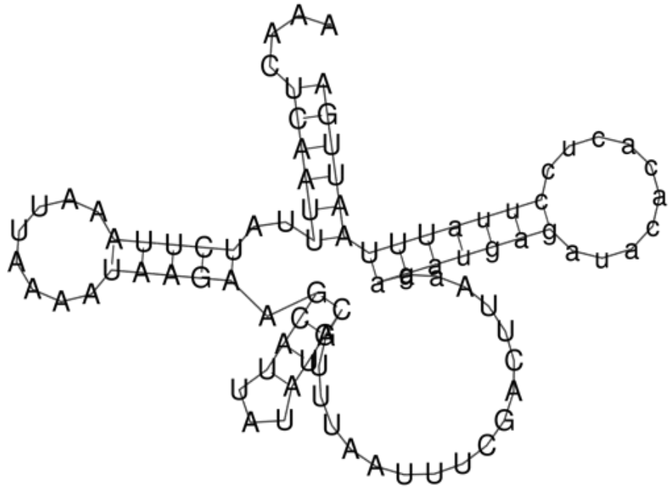

nalignm.961|chr–NODE_46059_length_1052_cov_477.713867:–:23–113
14000
12000
10000
8000
6000
4000
2000
0
A
U
C
G
G C A A G C G C G g g u a a a c g g c g g g a g u a a c u a u G A C U C U C U U A A G G U A G C C A A A U G C C U C G U C A U C U A A U U A G U G A C G C G C A U G A A U G G A U U

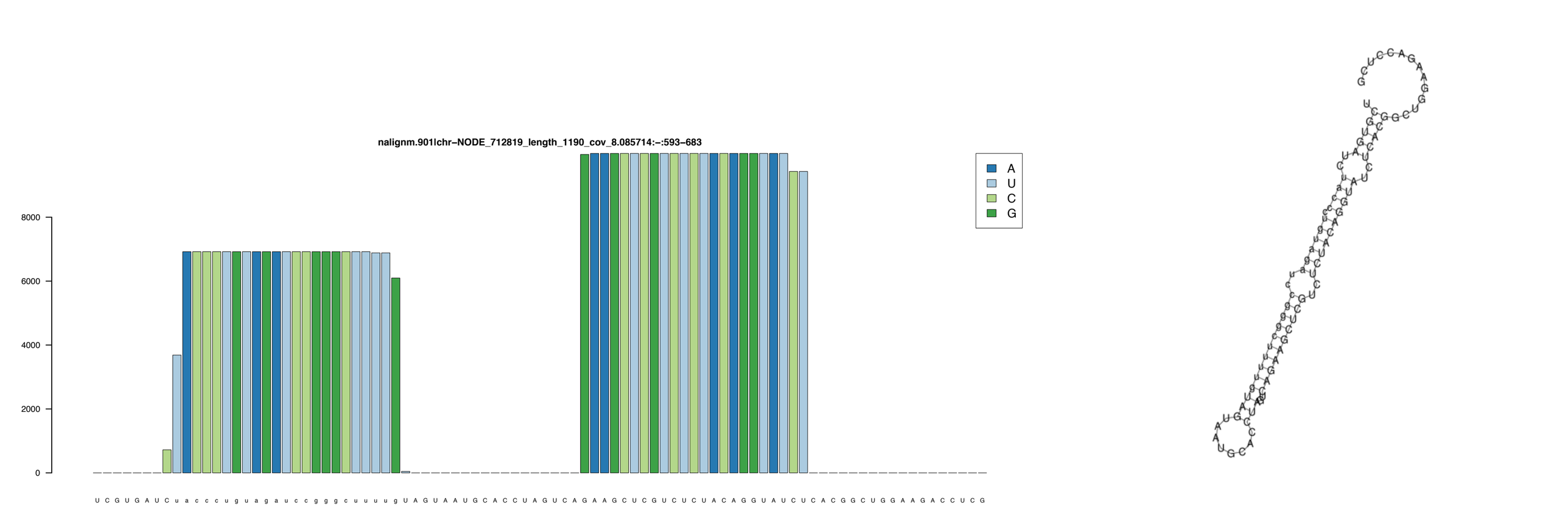


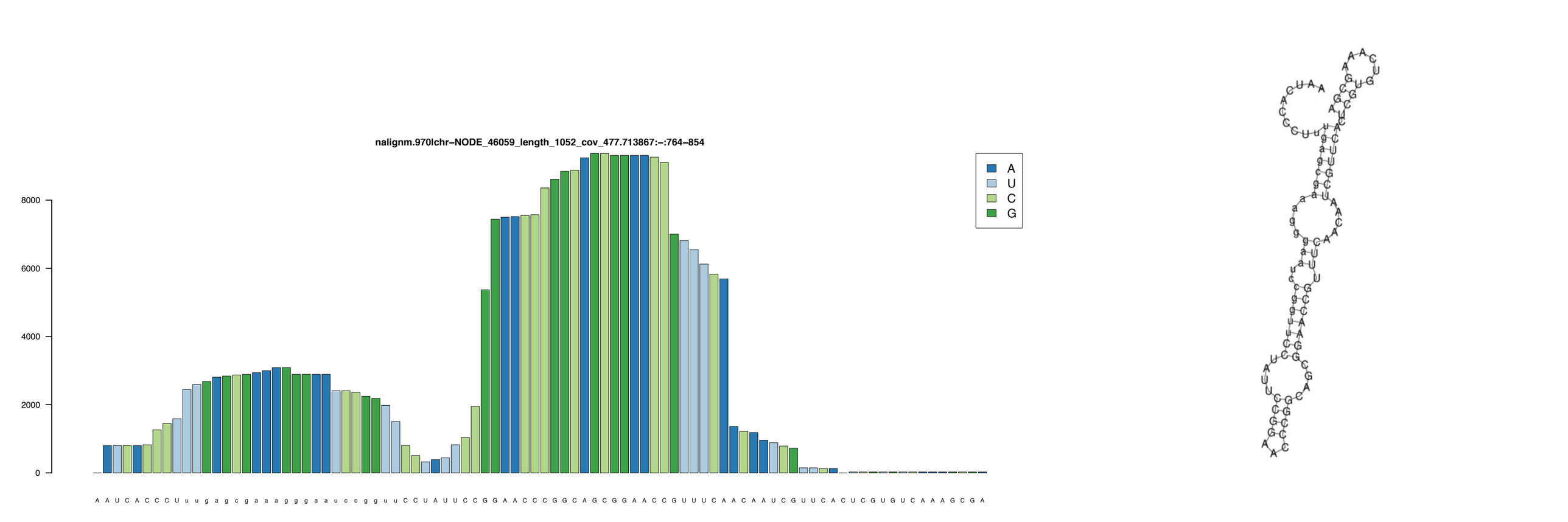

nalignm.1180lchr–NODE_509545_length_7981_cov_9.709310:+:7255–7345
12000
10000
8000
6000
4000
2000
0
A
U
C
G
U G U U A A G A U G A G U G U A G U U U C C U U U C G U G G U A U U C U U C C U G U G A A U G U G A G A U G A C U A C a a u c a c a g g a g a a u a c u g c g a G G G G C A G C U A

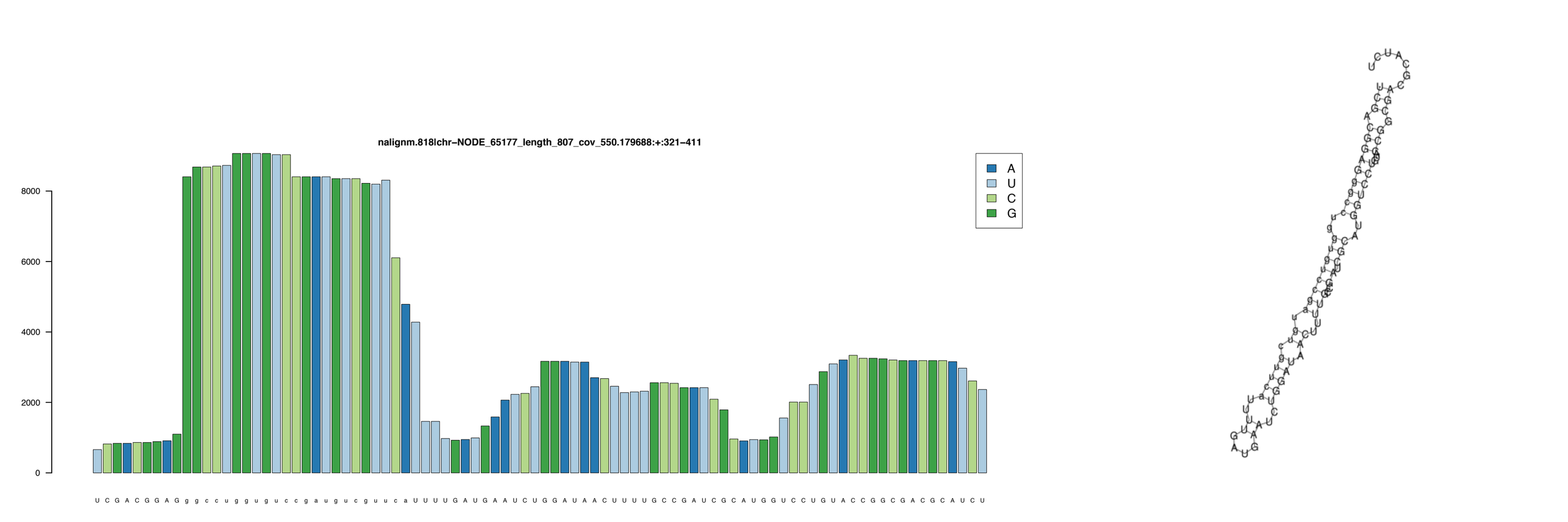

nalignm.647–1Ichr–NODE_5928_length_878_cov_842.446472:+:692–782
A
U
C
G
10000
8000
6000
4000
2000
0
U C G A A G C C C a u u c g g g u c a c a g u g c u a g g c g c g U A U G U C C A A C A A C A C A U G C G U U C C A C G G C A C U G A A G G C U C G C A A U U A C C U C A G U U C G

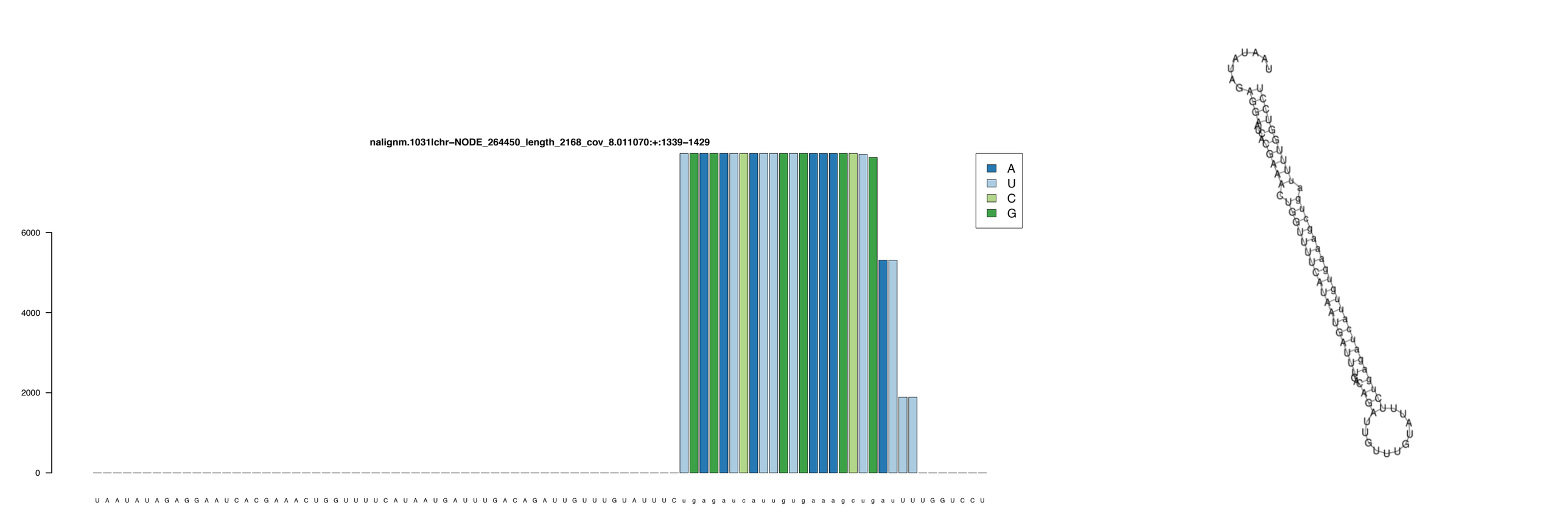

nalignm.768|chr−NODE_872_length_1790_cov_458.889374:−:1626−1716
10000
8000
6000
4000
2000
0
A
U
C
G
A A A C U C A A U U U A U C U U A A A U U A A A A U A A G A A G C A U U A U A U G C A U U U A A U U U C G A C U U A a a a g a u g a g a u a c a c a c u c c u u a U U U A A U U G A



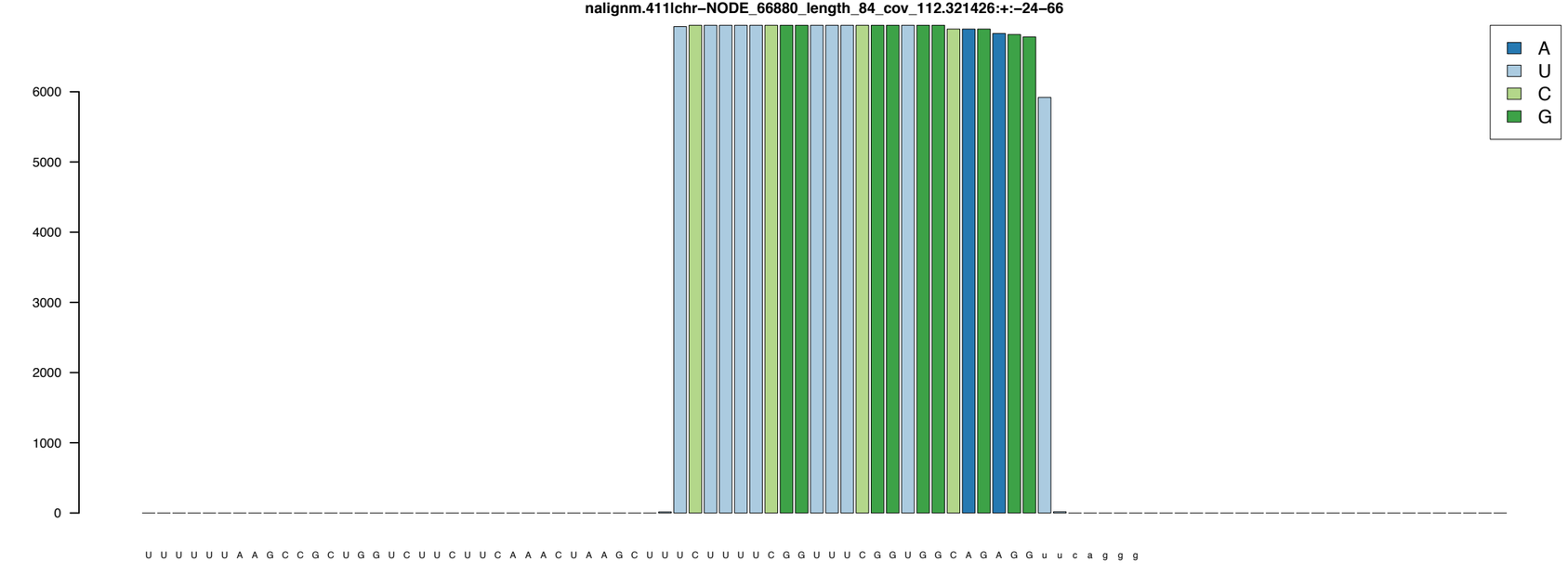

nalignm.901lchr−NODE_712819_length_1190_cov_8.085714:−:593−683
A
U
C
G
8000
6000
4000
2000
0
U C G U G A U C u a c c c u g u a g a u c c g g g c u u u u g U A G U A A U G C A C C U A G U C A G A A G C U C G U C U C U A C A G G U A U C U C A C G G C U G G A A G A C C U C G

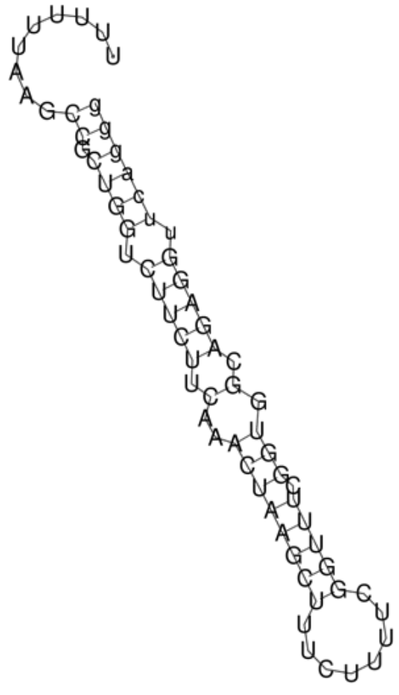

nalignm.970|chr−NODE_46059_length_1052_cov_477.713867:−:764−854
A
U
C
G
8000
6000
4000
2000
0
A A U C A C C C U u u g a g c g a a a g g g a a u c c g g u u C C U A U U C C G G A A C C C G G C A G C G G A A C C G U U U C A A C A A U C G U U C A C U C G U G U C A A A G C G A

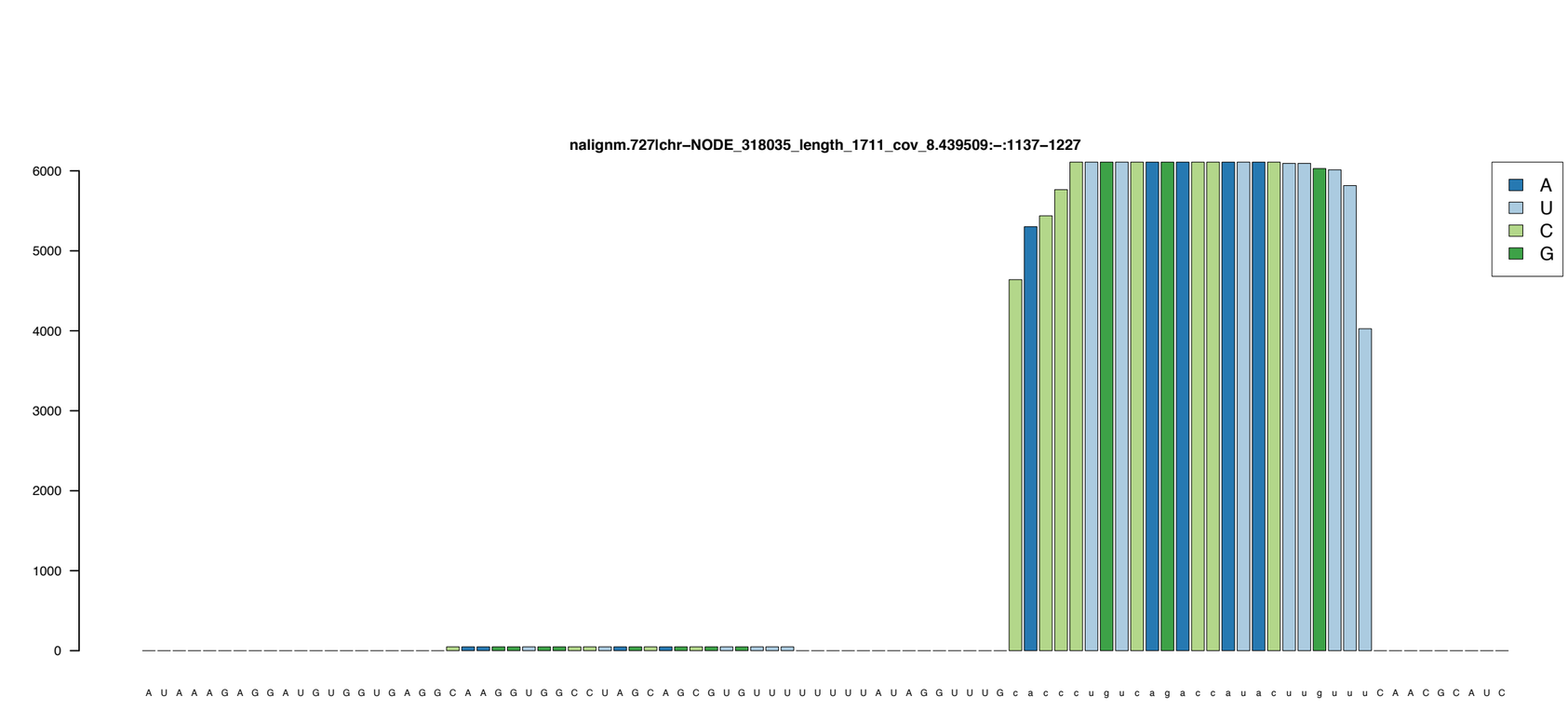

nalignm.818|chr–NODE_65177_length_807_cov_550.179688:+:321–411
A
U
C
G
8000
6000
4000
2000
0
U C G A C G G A G g g c c u g g u g u c c g a u g u c g u u c a U U U U G A U G A A U C U G G A U A A C U U U U G C C G A U C G C A U G G U C C U G U A C C G G C G A C G C A U C U

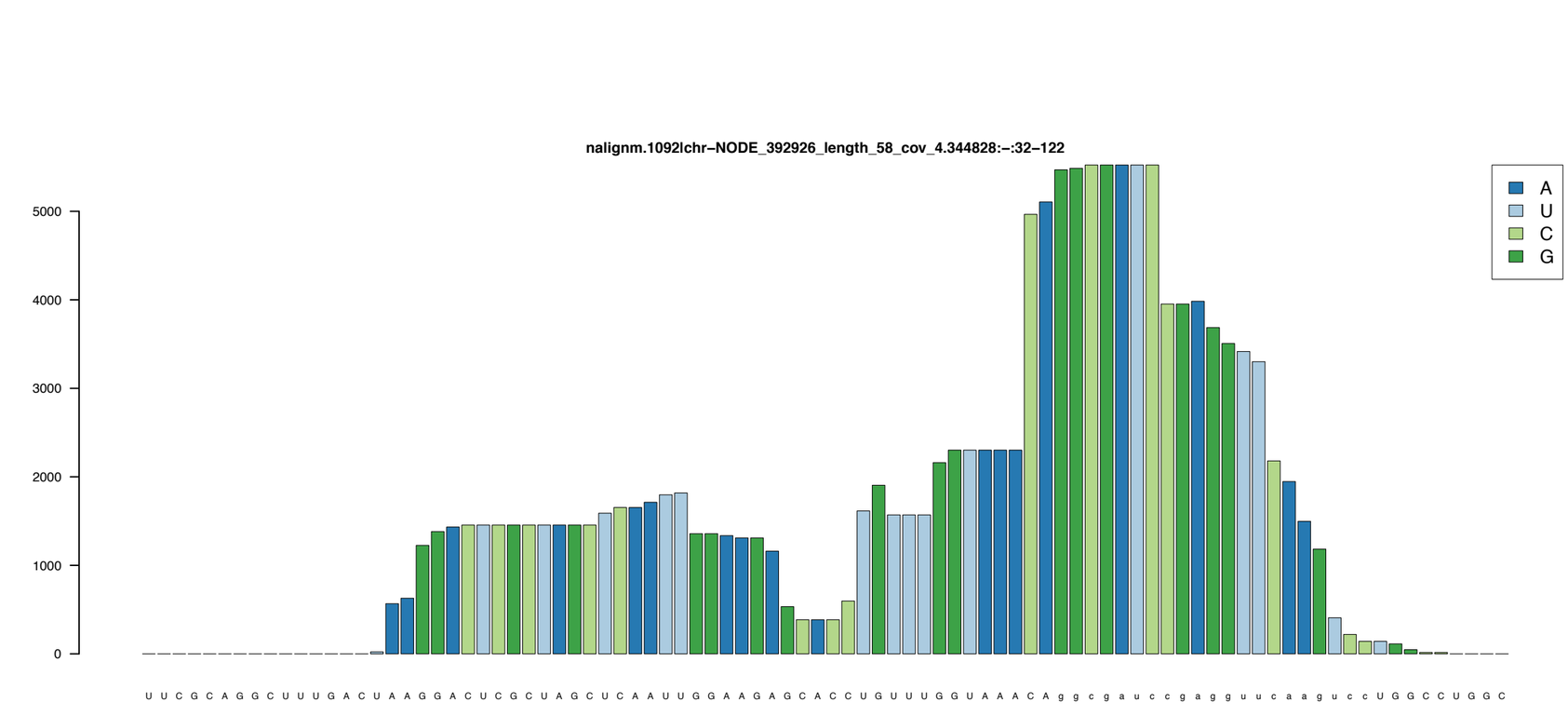

nalignm.1031|chr–NODE_264450_length_2168_cov_8.011070:+:1339–1429
A
U
C
G
6000
4000
2000
0
U A A U A U A G A G G A A U C A C G A A A C U G G U U U U C A U A A U G A U U U G A C A G A U U G U U U G U A U U U C u g a g a u c a u u g u g a a a g c u g a u U U U G G U C C U

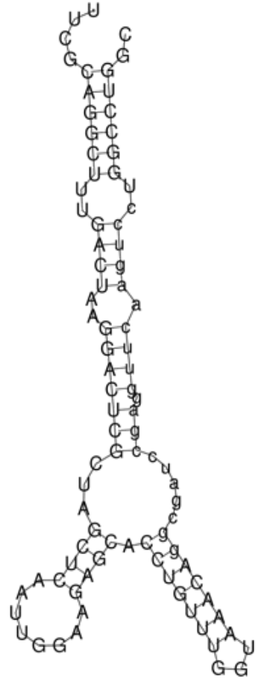
nalignm.1020|chr–NODE_1253774_length_8666_cov_8.462612:–:5469–5559
A
U
C
G
6000
4000
2000
0
A U C U U G G C C u g g u a a c u c c a c c a c c g u u g g c G U U A C U A G U C C G C C A A C G G G G U U A G A G U U C C U G C U C U G A G A U G C G A G A C U C G A C G A A C C

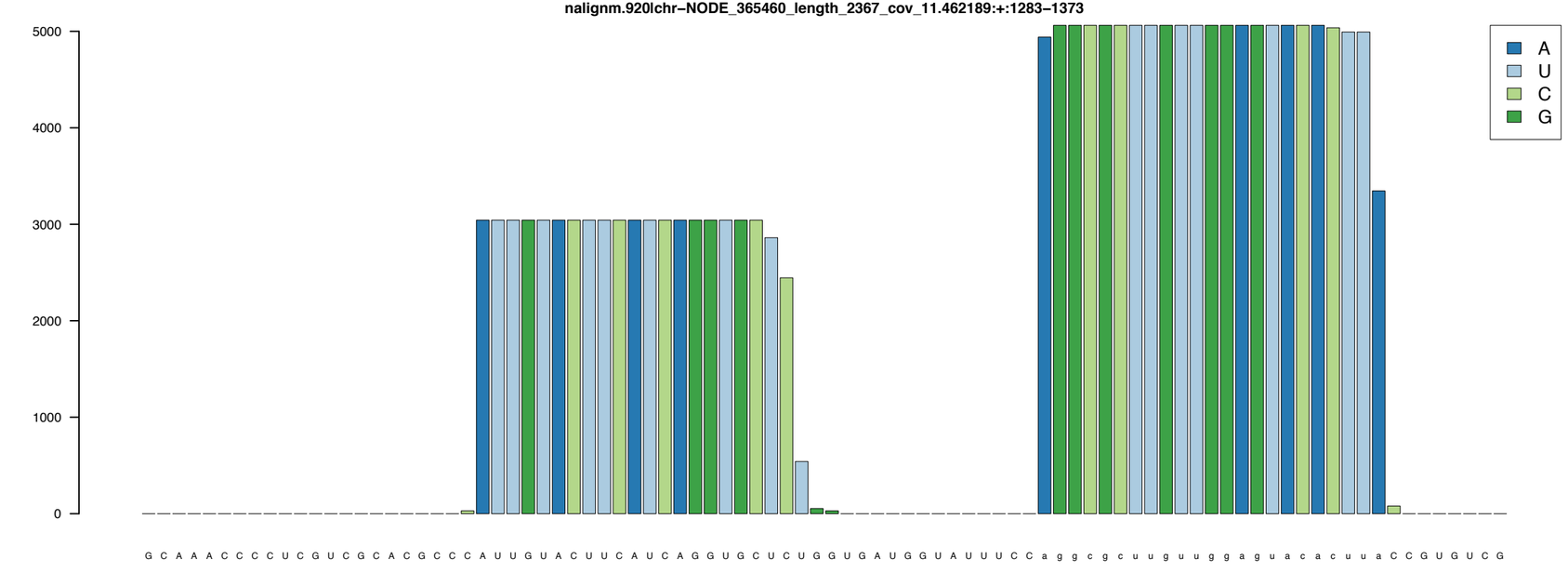

nalignm.411lchr−NODE_66880_length_84_cov_112.321426:+:−24−66
6000
5000
4000
3000
2000
1000
0
A
U
C
G
U U U U U A A G C C G C U G G U C U U C U U C A A A C U A A G C U U U C U U U U C G G U U U C G G U G G C A G A G G u u c a g g g

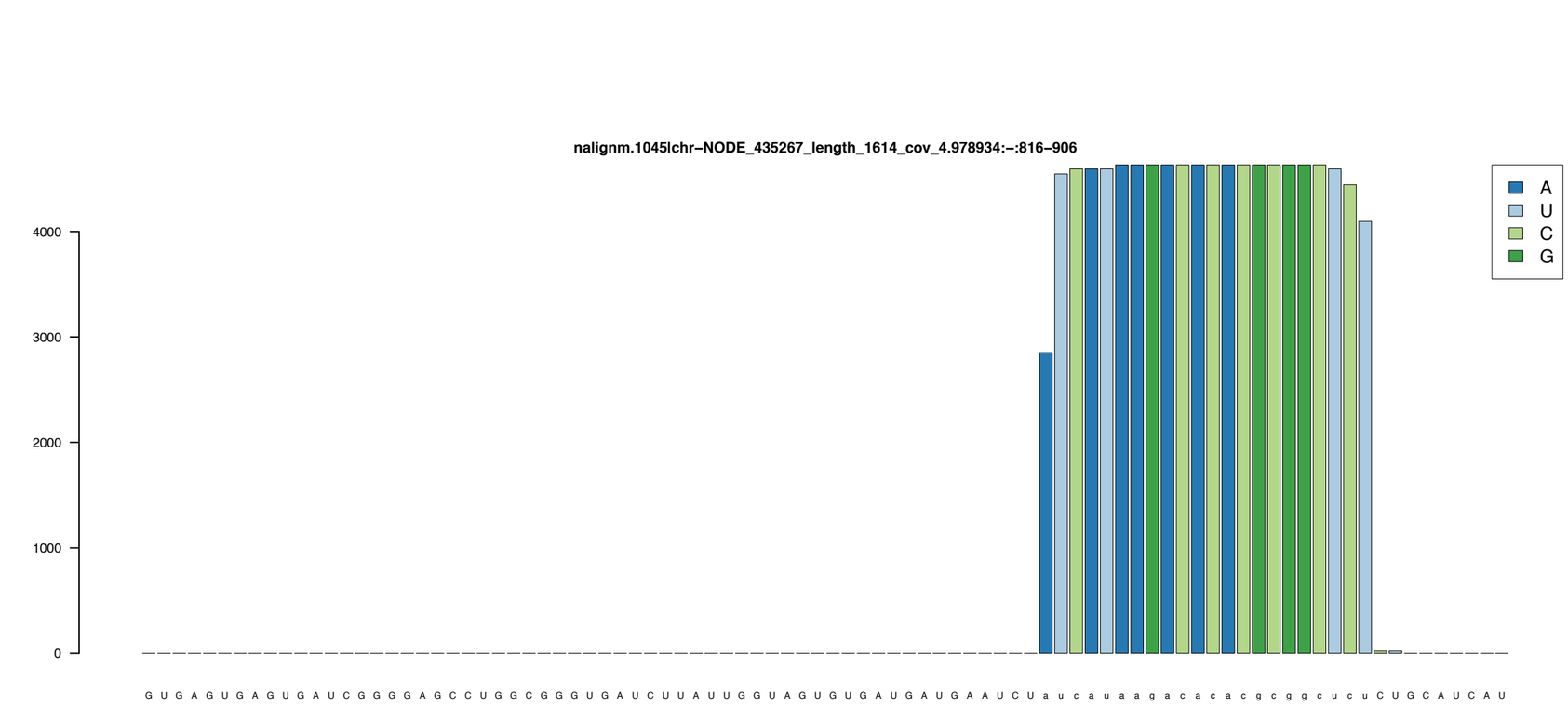


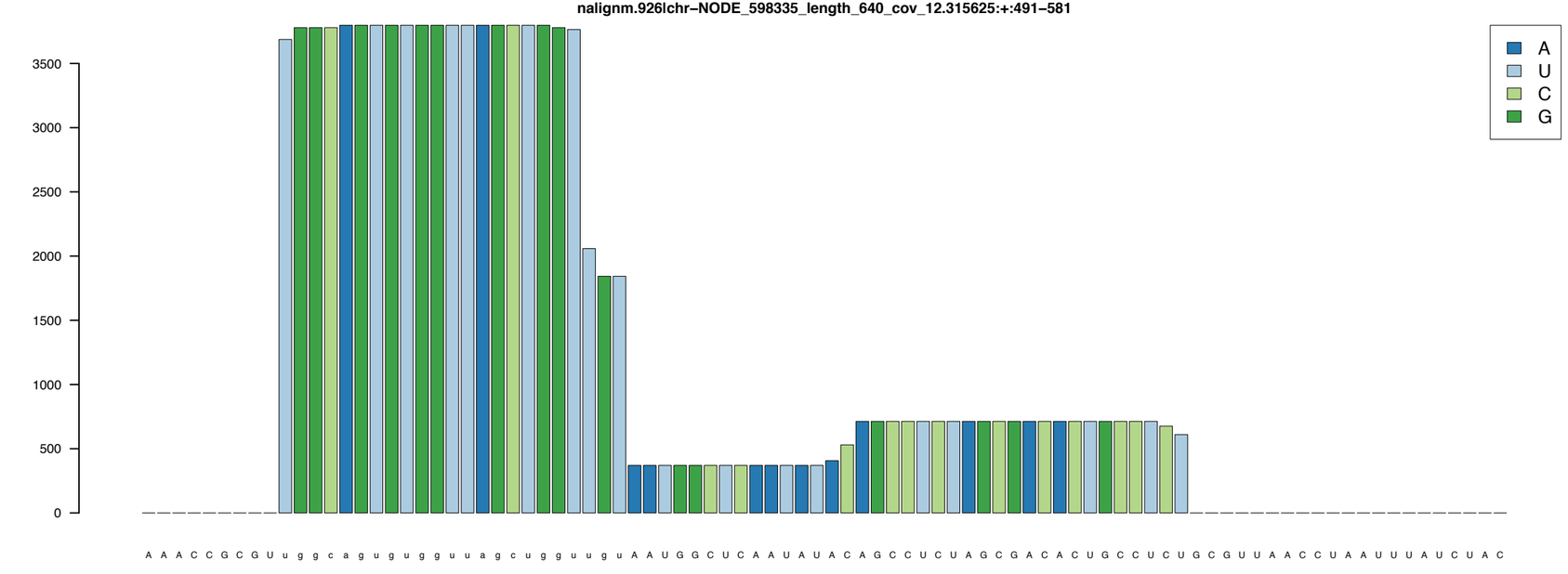

nalignm.727|chr–NODE_318035_length_1711_cov_8.439509:–:1137–1227
6000
5000
4000
3000
2000
1000
0
A
U
C
G
A U A A A G A G G A U G U G G U G A G G C A A G G U G G C C U A G C A G C G U G U U U U U U U U A U A G G U U U G c a c c c u g u c a g a c c a u a c u u g u u u C A A C G C A U C

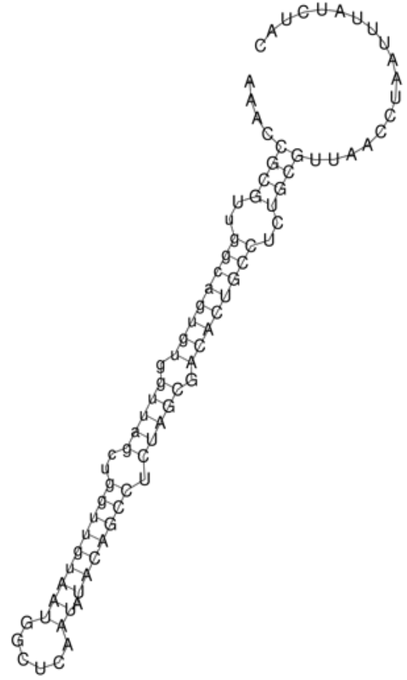

nalignm.1092lchr–NODE_392926_length_58_cov_4.344828:–:32–122
A
U
C
G
5000
4000
3000
2000
1000
0
U U C G C A G G C U U U G A C U A A G G A C U C G C U A G C U C A A U U G G A A G A G C A C C U G U U U G G U A A A C A g g c g a u c c g a g g u u c a a g u c c U G G C C U G G C

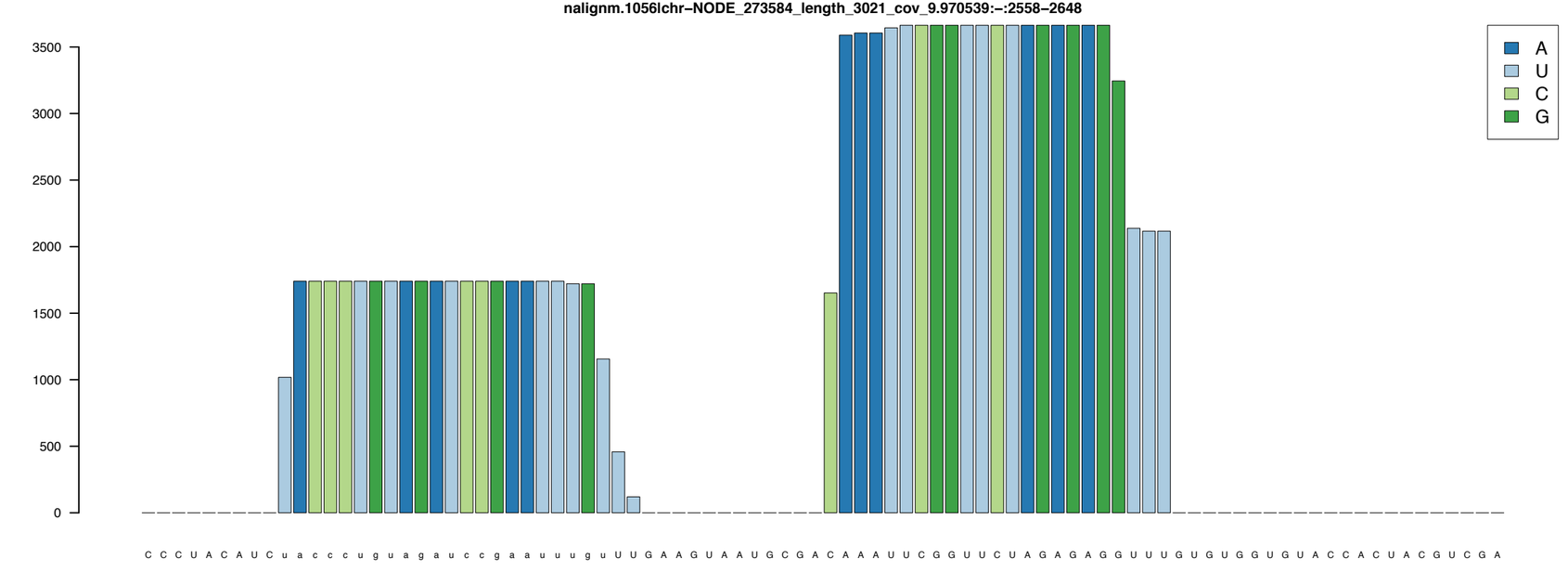


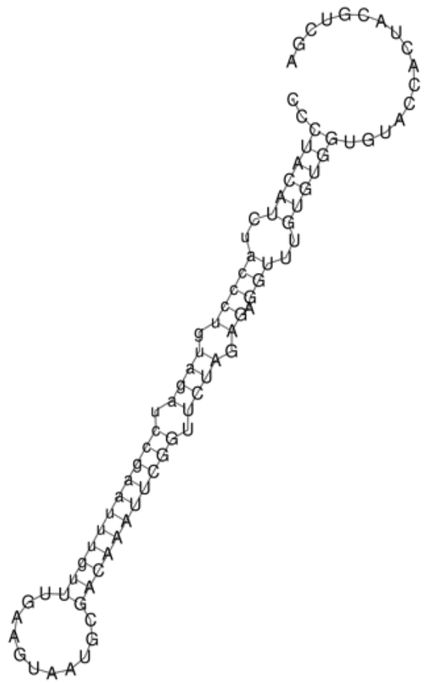

nalignm.920lchr−NODE_365460_length_2367_cov_11.462189:+:1283−1373
5000
4000
3000
2000
1000
0
A
U
C
G
G C A A A C C C C U C G U C G C A C G C C C A U U G U A C U U C A U C A G G U G C U C U G G U G A U G G U A U U U C C a g g c g c u u g u u g g a g u a c a c u u a C C G U G U C G

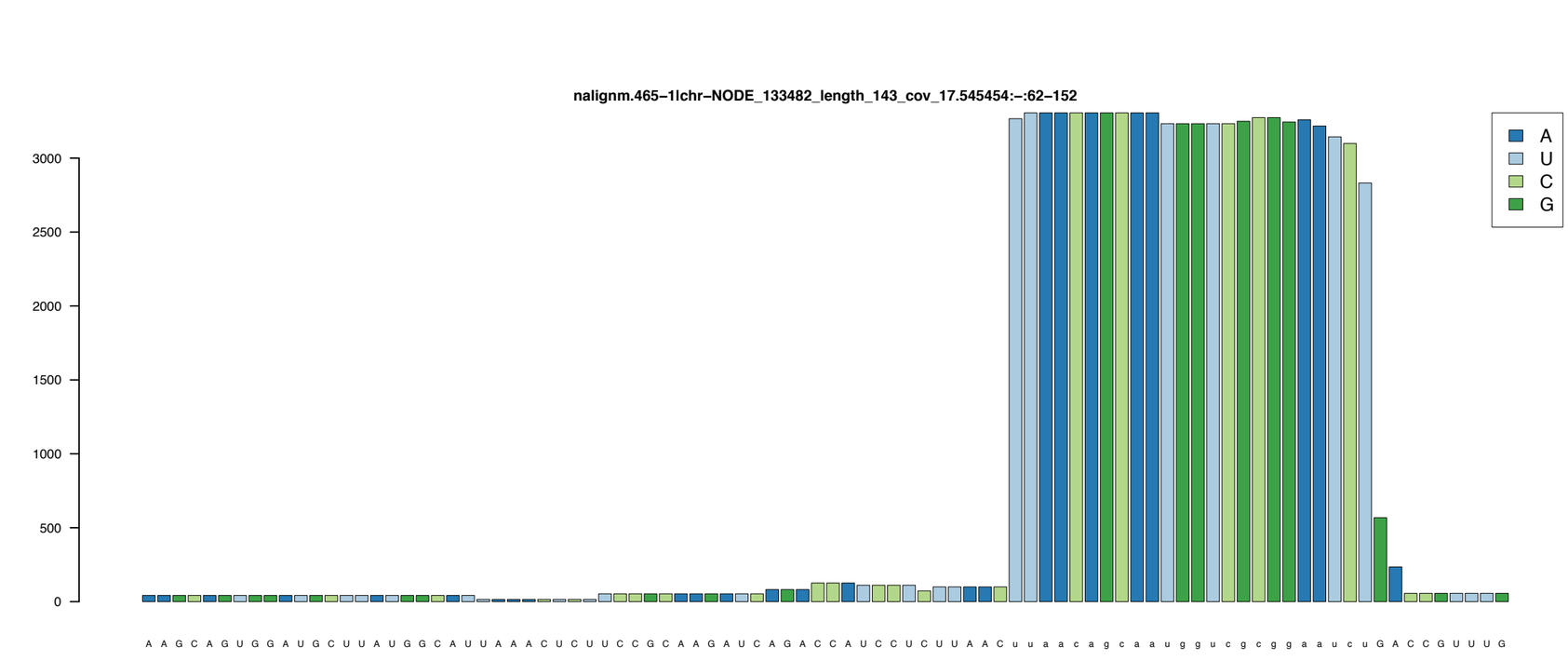

nalignm.1045lchr−NODE_435267_length_1614_cov_4.978934:−:816−906
4000
3000
2000
1000
0
A
U
C
G
G U G A G U G A G U G A U C G G G G A G C C U G G C G G G U G A U C U U A U U G G U A G U G U G A U G A U G A A U C U a u c a u a a g a c a c a c g c g g c u c u C U G C A U C A U

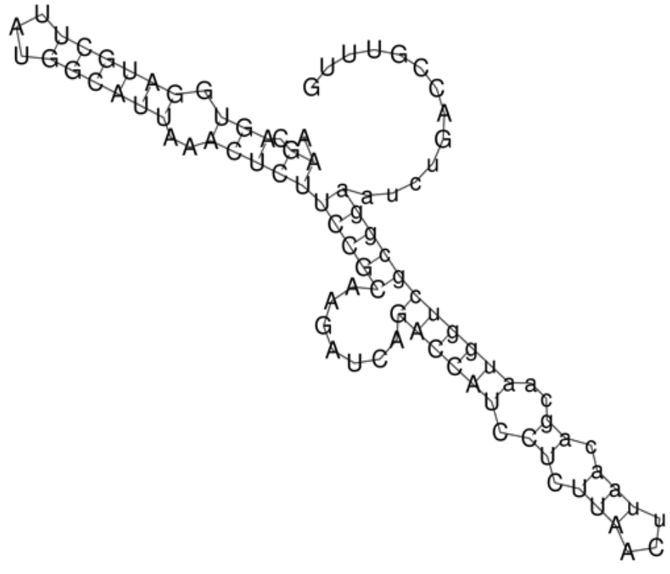

nalignm.926lchr−NODE_598335_length_640_cov_12.315625:+:491−581
A
U
C
G
3500
3000
2500
2000
1500
1000
500
0
A A A C C G C G U u g g c a g u g u g g u u a g c u g g u u g u A A U G G C U C A A U A U A C A G C C U C U A G C G A C A C U G C C U C U G C G U U A A C C U A A U U U A U C U A C

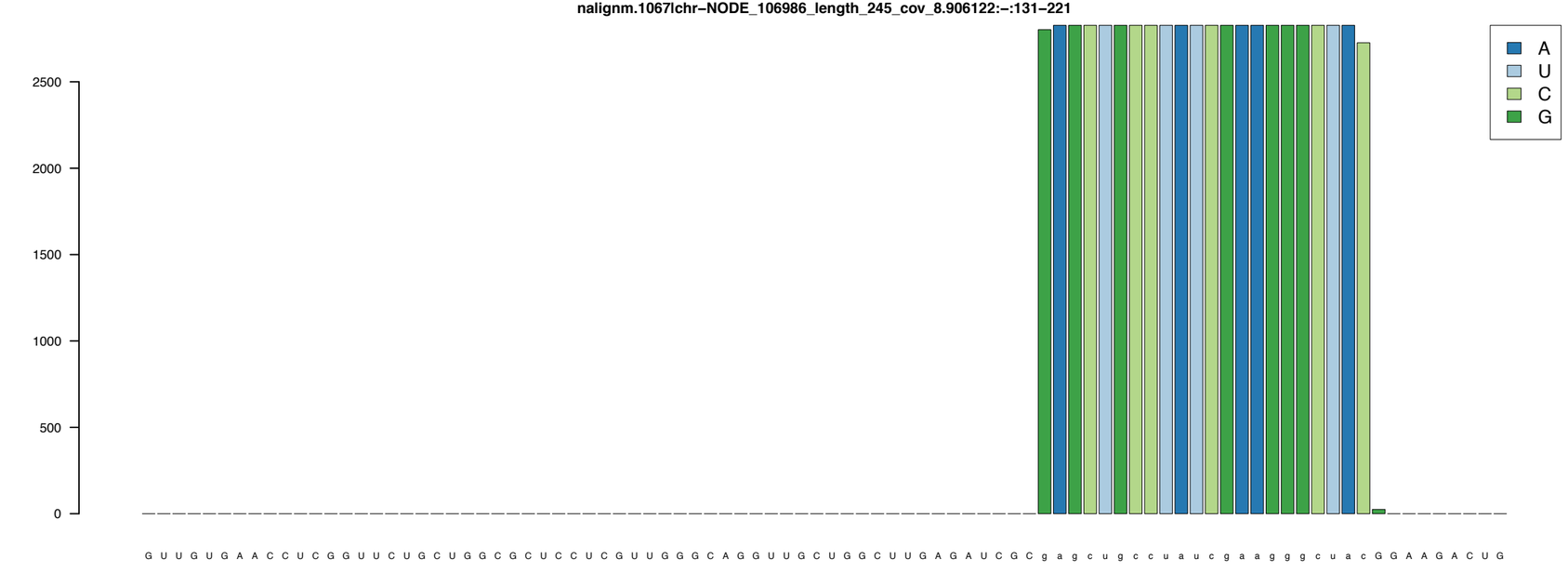


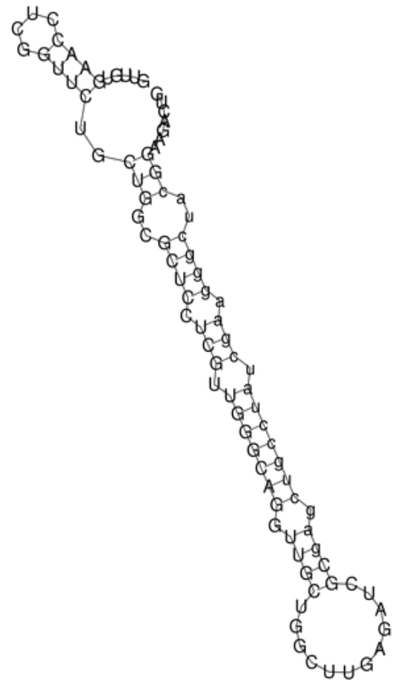

nalignm.1056lchr–NODE_273584_length_3021_cov_9.970539:–:2558–2648
3500
3000
2500
2000
1500
1000
500
0
A
U
C
G
C C C U A C A U C u a c c c u g u a g a u c c g a a u u u g u U U G A A G U A A U G C G A C A A A U U C G G U U C U A G A G A G G U U U G U G U G G U G U A C C A C U A C G U C G A

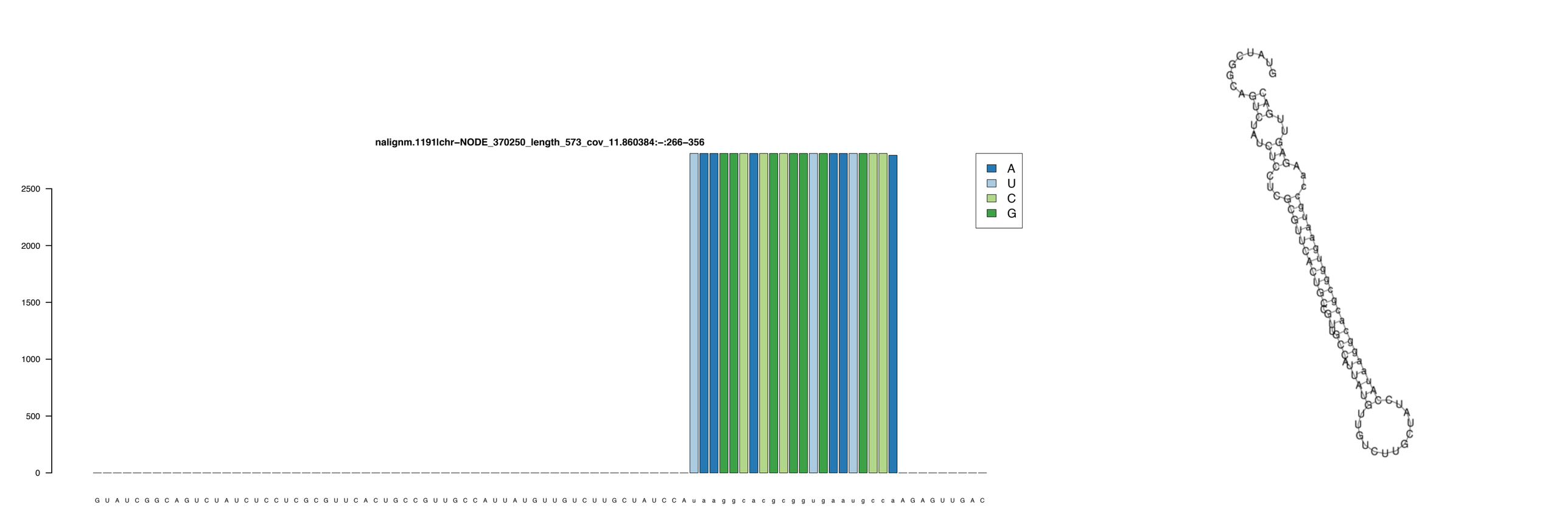


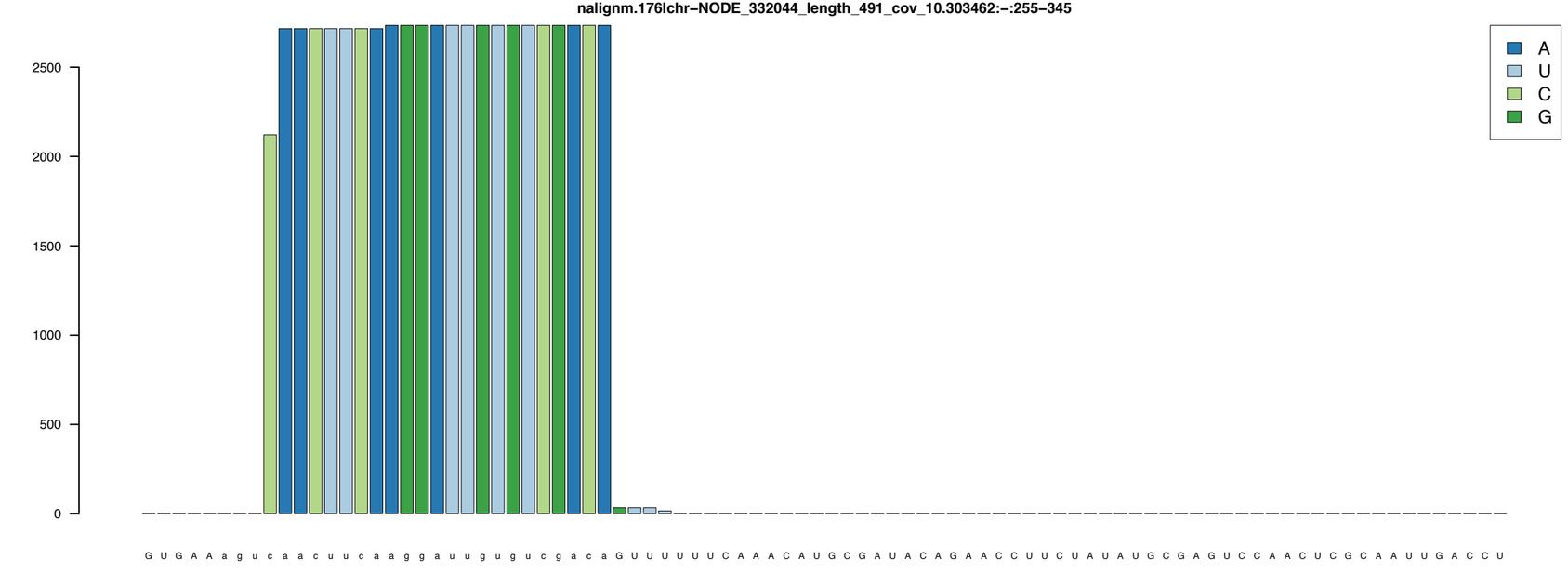

nalignm.465−1Ichr−NODE_133482_length_143_cov_17.545454:−:62−152
3000
2500
2000
1500
1000
500
0
A
U
C
G
A A G C A G U G G A U G C U U A U G G C A U U A A A C U C U U C C G C A A G A U C A G A C C A U C C U C U U A A C u u a a c a g c a a u g g u c g c g g a a u c u G A C C G U U U G

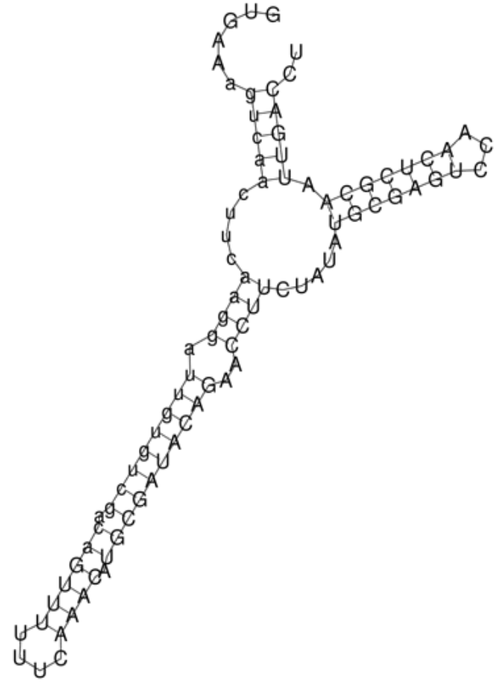


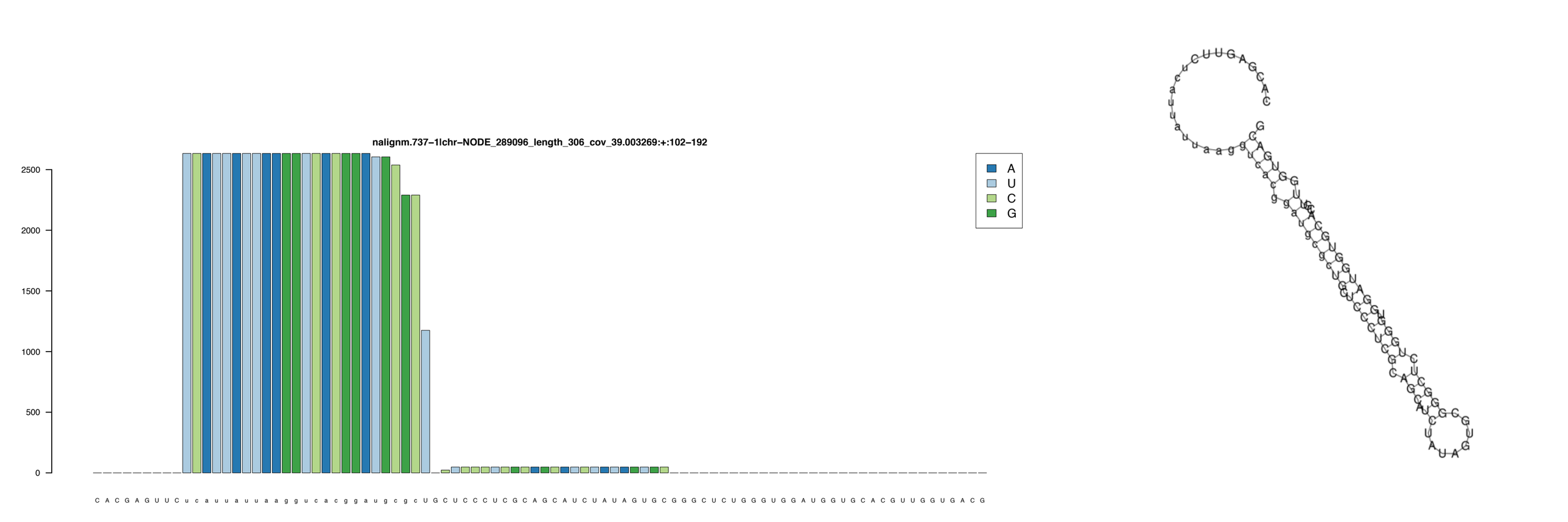

nalignm.1067|chr−NODE_106986_length_245_cov_8.906122:−:131−221
2500
2000
1500
1000
500
0
A
U
C
G
G U U G U G A A C C U C G G U U C U G C U G G C G C U C C U C G U U G G G C A G G U U G C U G G C U U G A G A U C G C g a g c u g c c u a u c g a a g g g c u a c G G A A G A C U G

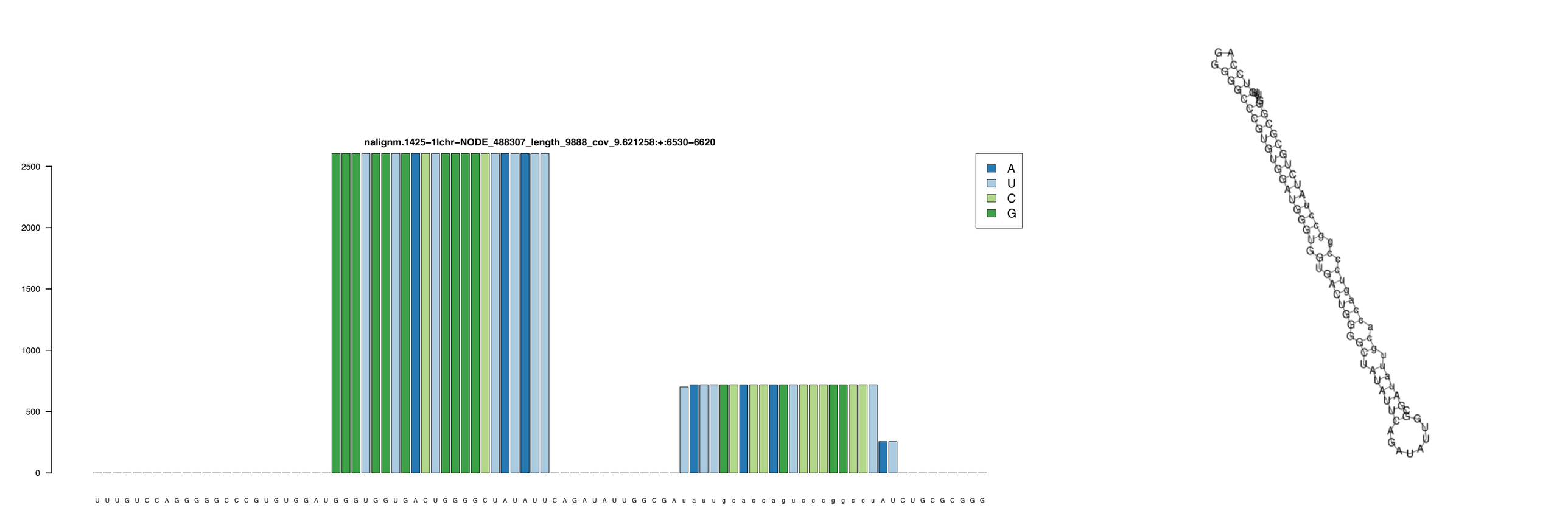


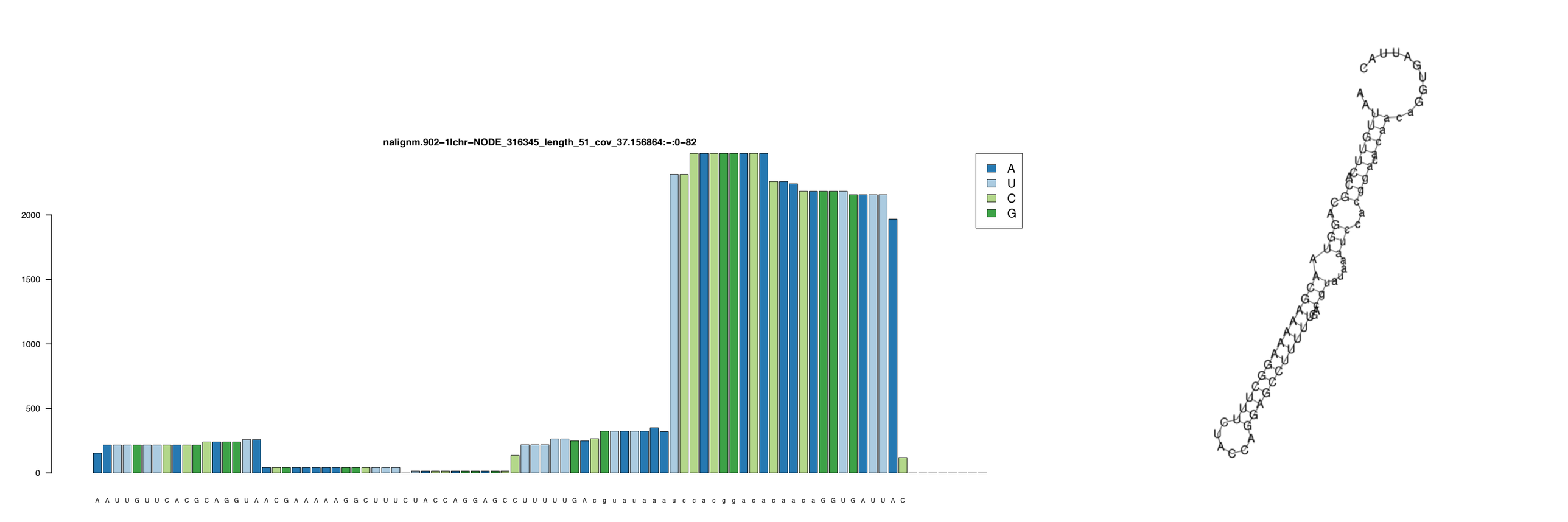

nalignm.1191lchr−NODE_370250_length_573_cov_11.860384:−:266−356
A
U
C
G
2500
2000
1500
1000
500
0
G U A U C G G C A G U C U A U C U C C U C G C G U U C A C U G C C G U U G C C A U U A U G U U G U C U U G C U A U C C A u a a g g c a c g c g g u g a a u g c c a A G A G U U G A C

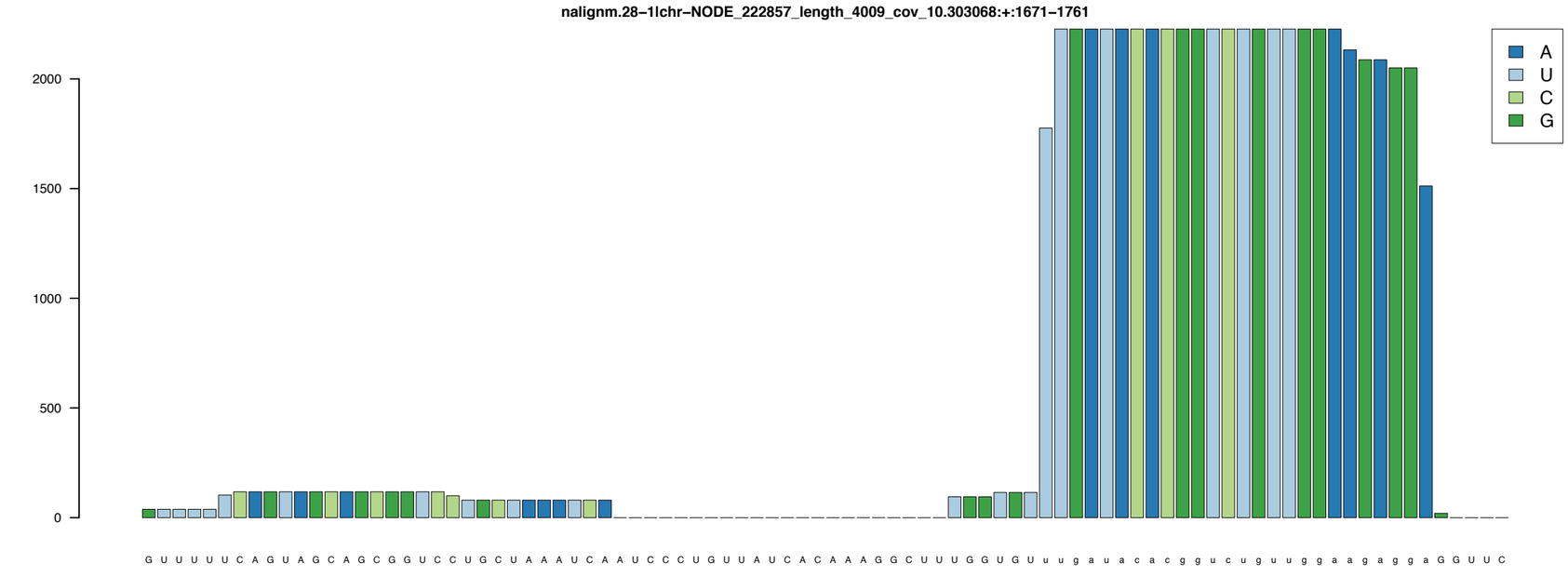

nalignm.176|chr–NODE_332044_length_491_cov_10.303462:–:255–345
2500
2000
1500
1000
500
0
A
U
C
G
G U G A A a g u c a a c u u c a a g g a u u g u g u c g a c a G U U U U U U C A A A C A U G C G A U A C A G A A C C U U C U A U A U G C G A G U C C A A C U C G C A A U U G A C C U

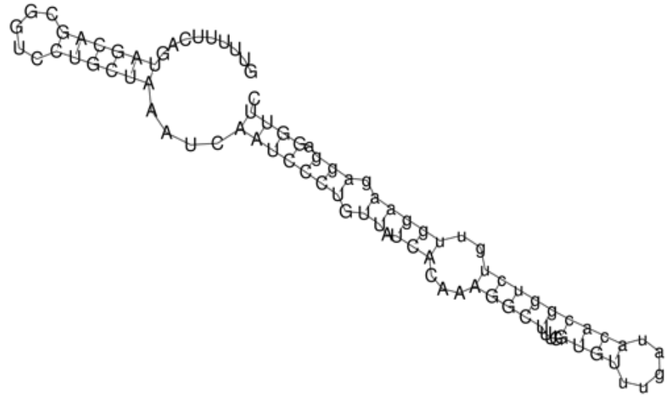


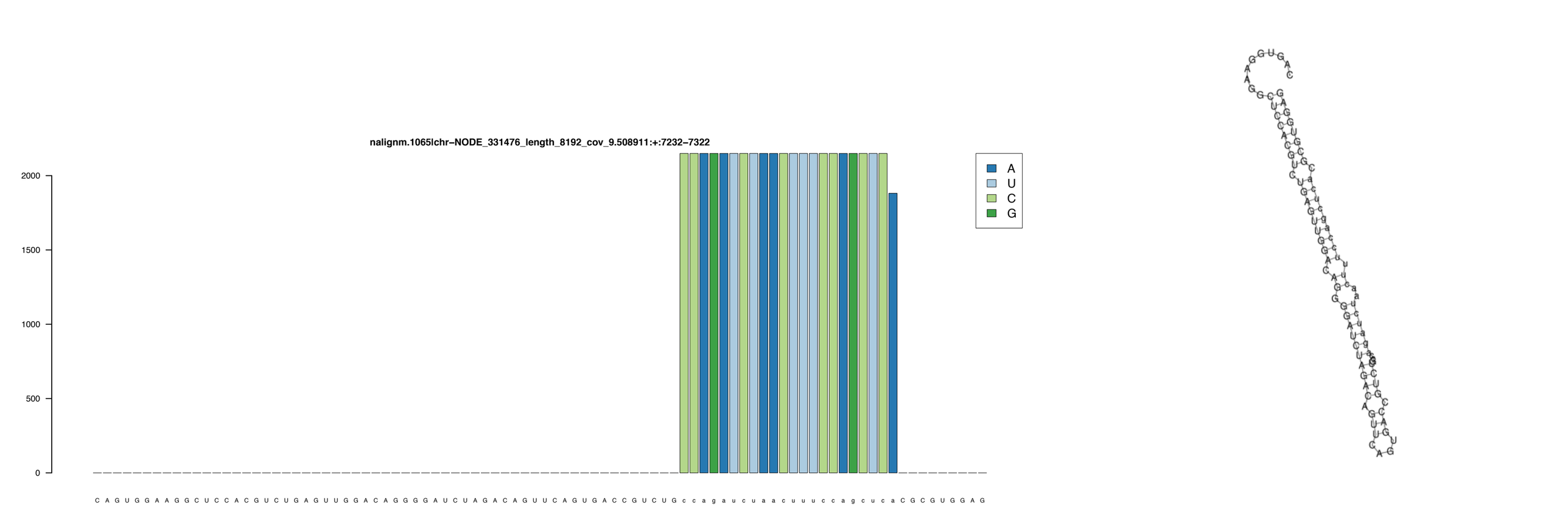

nalignm.737−1|chr−NODE_289096_length_306_cov_39.003269:+:102−192
2500
2000
1500
1000
500
0
A
U
C
G
C A C G A G U U C u c a u u a u u a a g g u c a c g g a u g c g c U G C U C C C U C G C A G C A U C U A U A G U G C G G G C U C U G G G U G G A U G G U G C A C G U U G G U G A C G

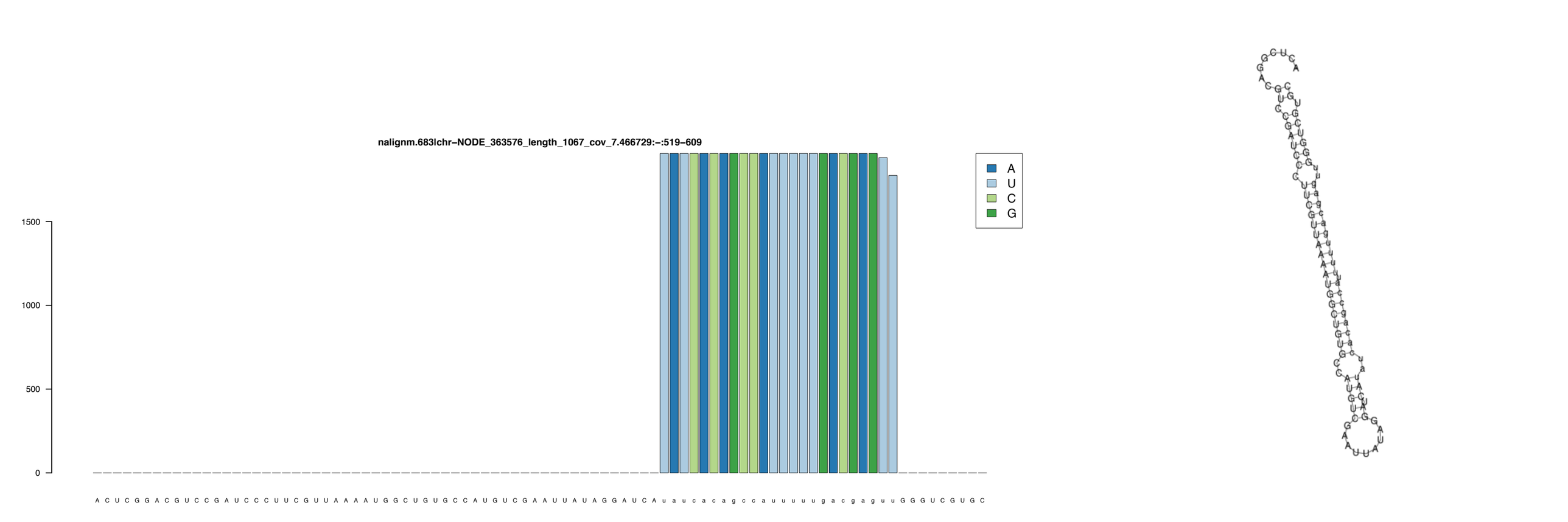

nalignm.1425−1|chr−NODE_488307_length_9888_cov_9.621258:+:6530−6620
2500
2000
1500
1000
500
0
A
U
C
G
U U U G U C C A G G G G G C C C G U G U G G A U G G G U G G U G A C U G G G G C U A U A U U C A G A U A U U G G C G A u a u u g c a c c a g u c c c g g c c u A U C U G C G C G G G

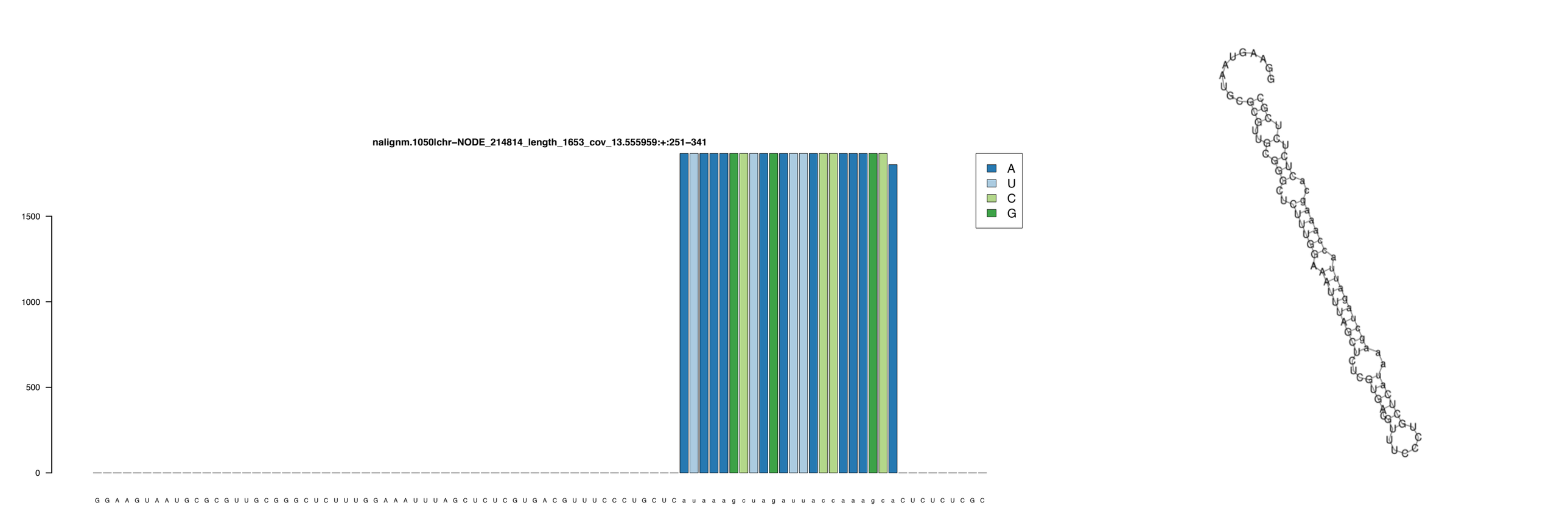

nalignm.902−1lchr−NODE_316345_length_51_cov_37.156864:−:0−82
A
U
C
G
2000
1500
1000
500
0
A A U U G U U C A C G C A G G U A A C G A A A A A G G C U U U C U A C C A G G A G C C U U U U U U G A c g u a u a a a u c c a c g g a c a c a a c a G G U G A U U A C


nalignm.28−1lchr−NODE_222857_length_4009_cov_10.303068:+:1671−1761
2000
1500
1000
500
0
A
U
C
G
G U U U U U C A G U A G C A G C G G U C C U G C U A A A U C A A U C C C U G U U A U C A C A A A G G C U U U G G U G U u u g a u a c a c g g u c u g u u g g a a g a g g a g G G U U C



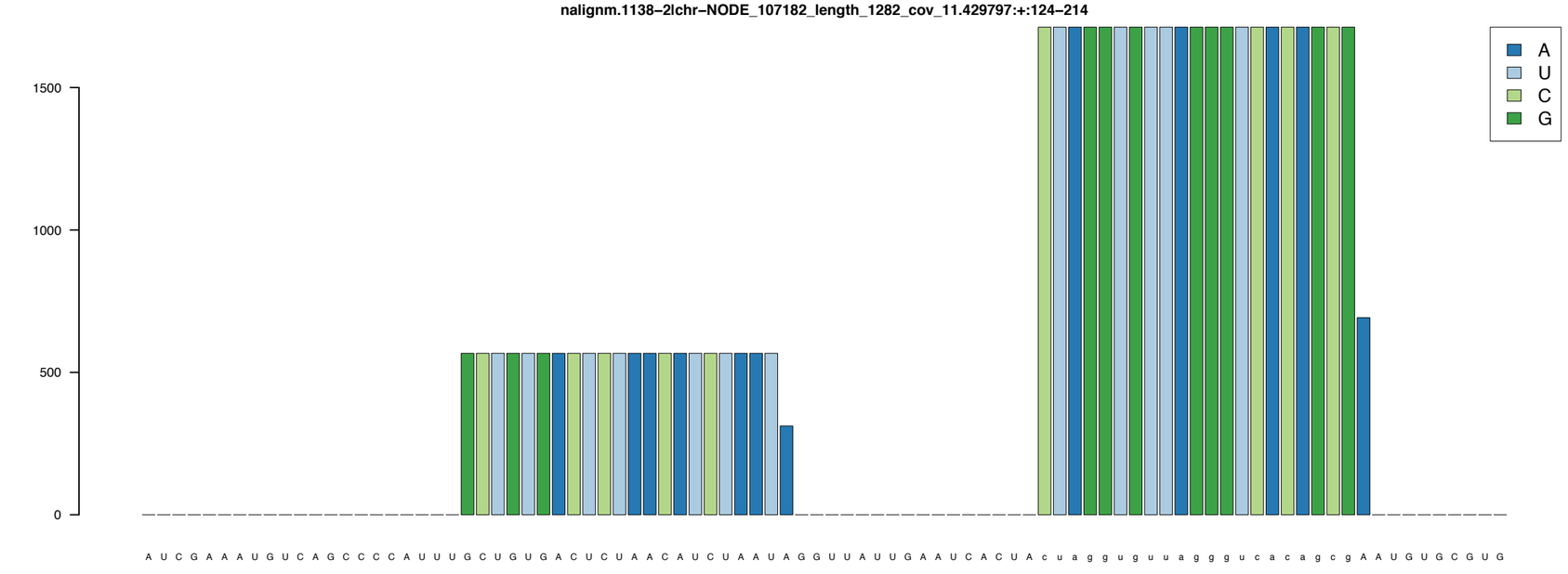

nalignm.1065lchr–NODE_331476_length_8192_cov_9.508911:+:7232–7322
2000
1500
1000
500
0
A
U
C
G
C A G U G G A A G G C U C C A C G U C U G A G U U G G A C A G G G G A U C U A G A C A G U U C A G U G A C C G U C U G c c a g a u c u a a c u u u c c a g c u c a C G C G U G G A G

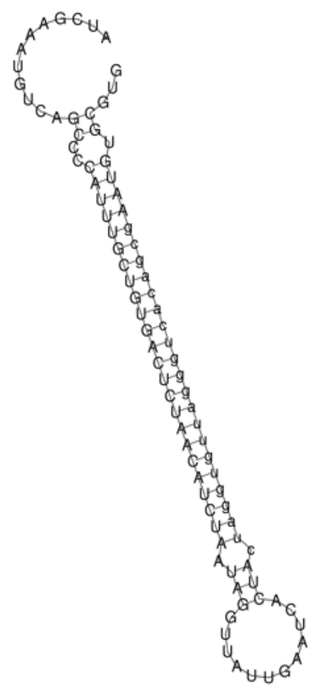

nalignm.683|chr–NODE_363576_length_1067_cov_7.466729:–:519–609
A
U
C
G
1500
1000
500
0
A C U C G G A C G U C C G A U C C C U U C G U U A A A A U G G C U G U G C C A U G U C G A A U U A U A G G A U C A u a u c a c a g c c a u u u u u g a c g a g u u G G G U C G U G C

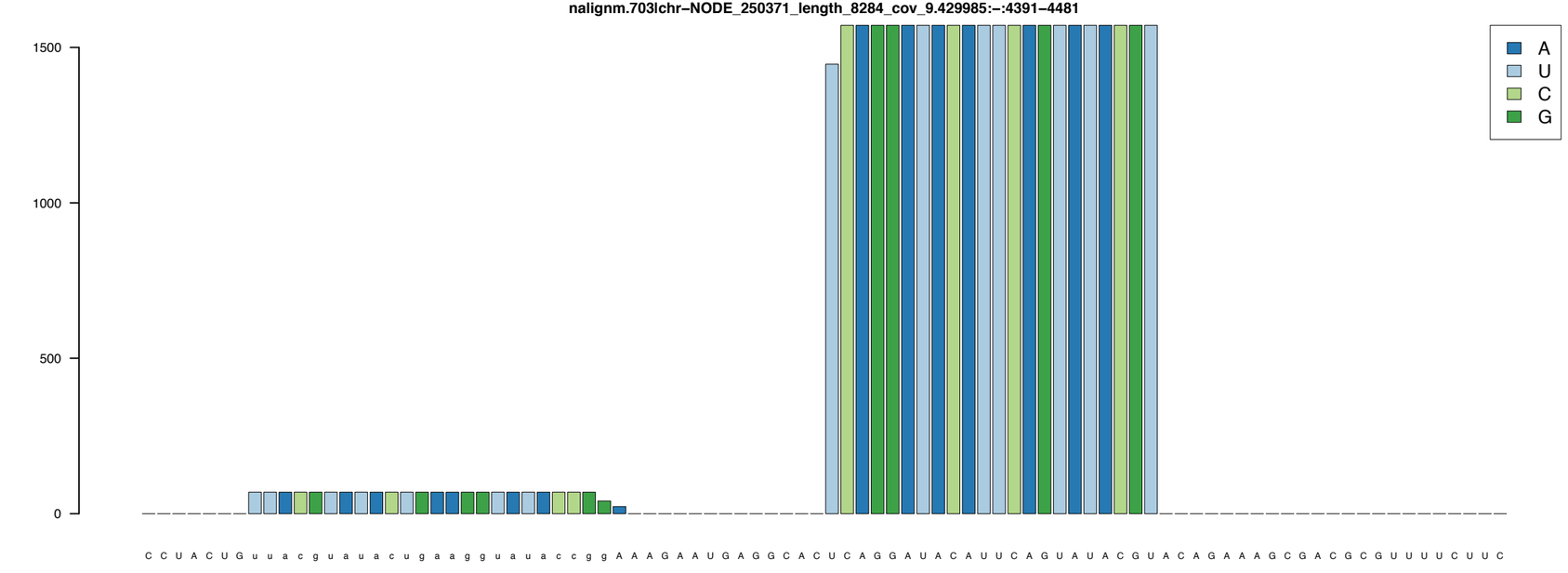

nalignm.1050lchr–NODE_214814_length_1653_cov_13.555959:+:251–341
A
U
C
G
1500
1000
500
0
G G A A G U A A U G C G C G U U G C G G G C U C U U U G G A A A U U U A G C U C U C G U G A C G U U U C C C U G C U C a u a a a g c u a g a u u a c c a a a g c a C U C U C U C G C

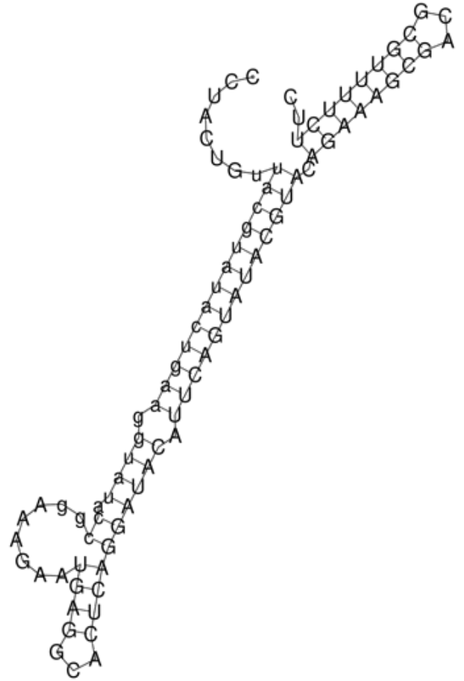
nalignm.981lchr−NODE_326666_length_463_cov_12.902808:−:354−444
A
U
C
G
1500
1000
500
0
G U C U C A C C C a c a c u g u a g u a g c u a c c u c g a c U U C C G U U U U G C U A A A G C A A A A U A U U A A C U C U A C C A U U G C U U G C G A U U G A A G A C A U U A U A

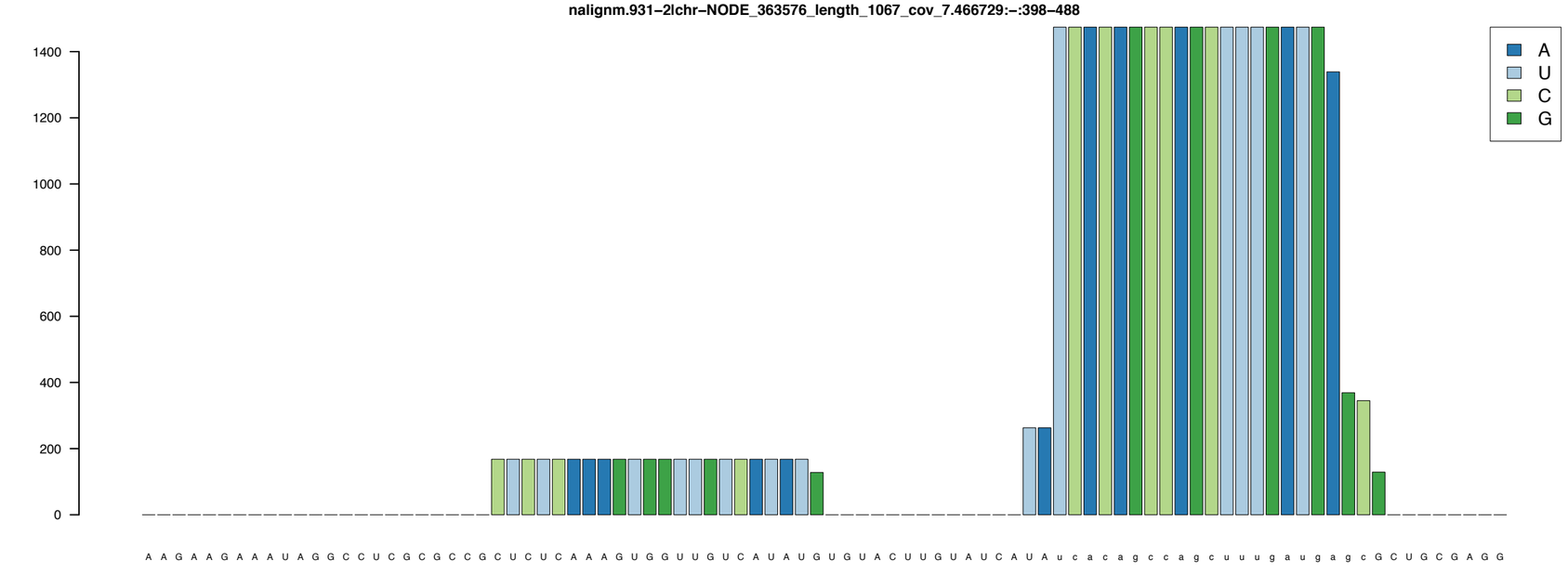
nalignm.1214|chr–NODE_579510_length_821_cov_8.588307:–:509–599
A
U
C
G
1500
1000
500
0
A A U C U U G U U C c u a a g u a c u a g u g c c g c a g g a G U U A U U C A U A C A U C U C C U G C U G C U U A A G U G C U U A U C A A U G A G U A U U U A G U G U U G G A U C G

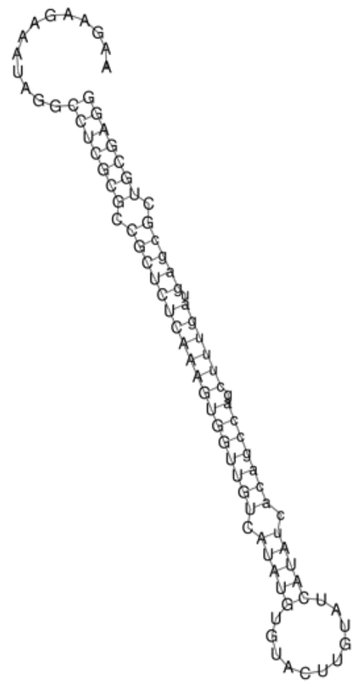

nalignm.1138–2lchr–NODE_107182_length_1282_cov_11.429797:+:124–214
1500
1000
500
0
A
U
C
G
A U C G A A A U G U C A G C C C C A U U U G C U G U G A C U C U A A C A U C U A A U A G G U U A U U G A A U C A C U A c u a g g u g u u a g g g u c a c a g c g A A U G U G C G U G

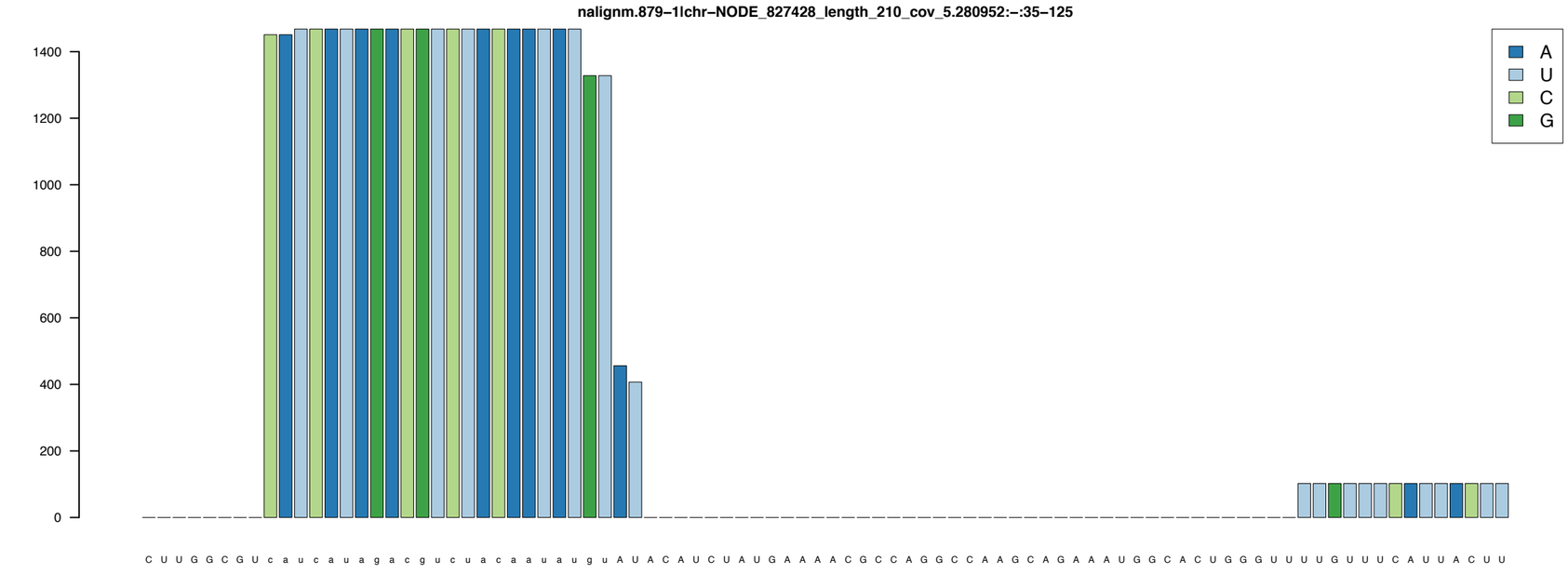


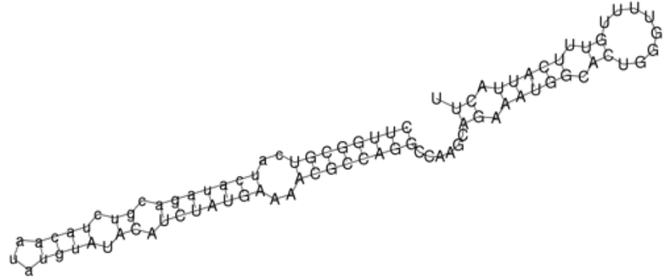

nalignm.703lchr–NODE_250371_length_8284_cov_9.429985:–:4391–4481
1500
1000
500
0
A
U
C
G
C C U A C U G u u a c g u a u a c u g a a g g u a u a c c g g A A A G A A U G A G G C A C U C A G G A U A C A U U C A G U A U A C G U A C A G A A A G C G A C G C G U U U U C U U C

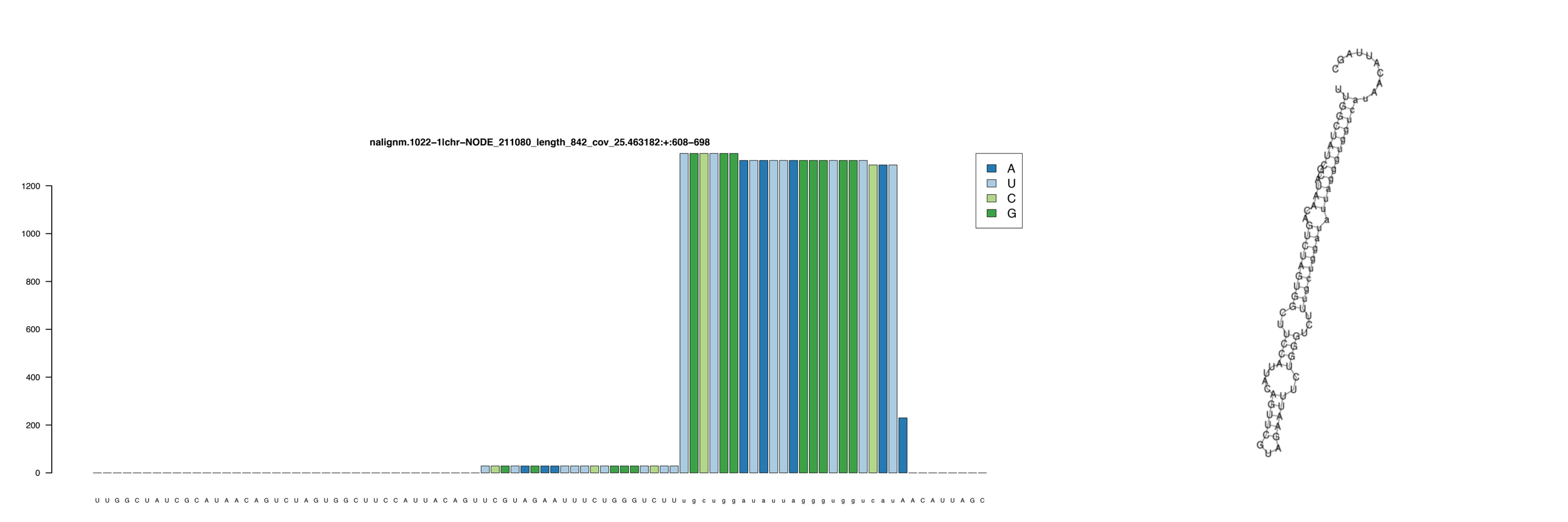


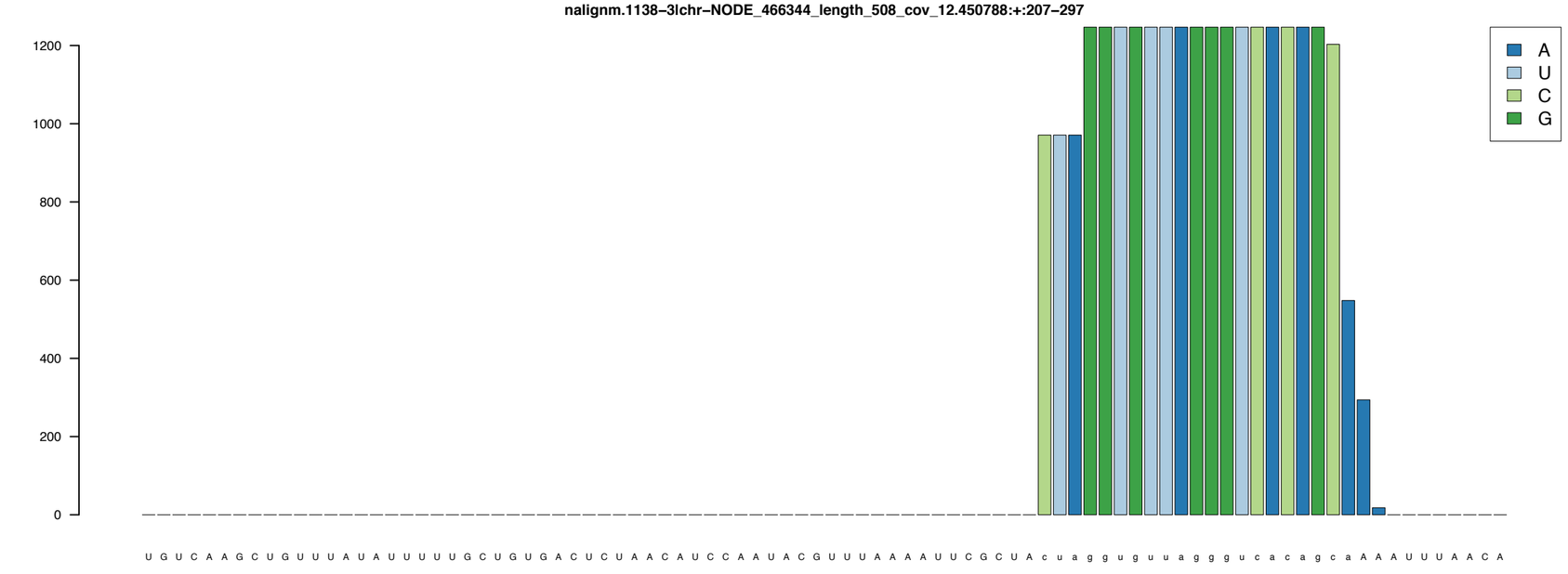

nalignm.931−2lchr−NODE_363576_length_1067_cov_7.466729:−:398−488
1400
1200
1000
800
600
400
200
0
A
U
C
G
A A G A A G A A A U A G G C C U C G C G C C G C U C U C A A A G U G G U U G U C A U A U G U G U A C U U G U A U C A U A u c a c a g c c a g c u u u g a u g a g c G C U G C G A G G

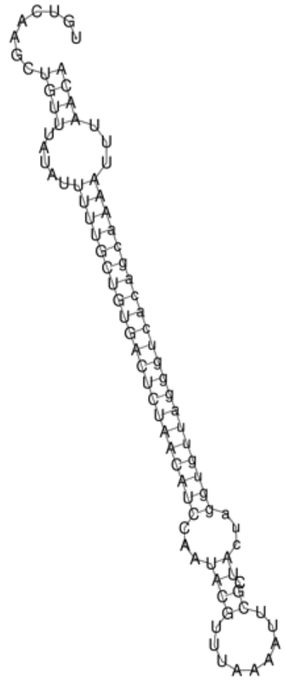


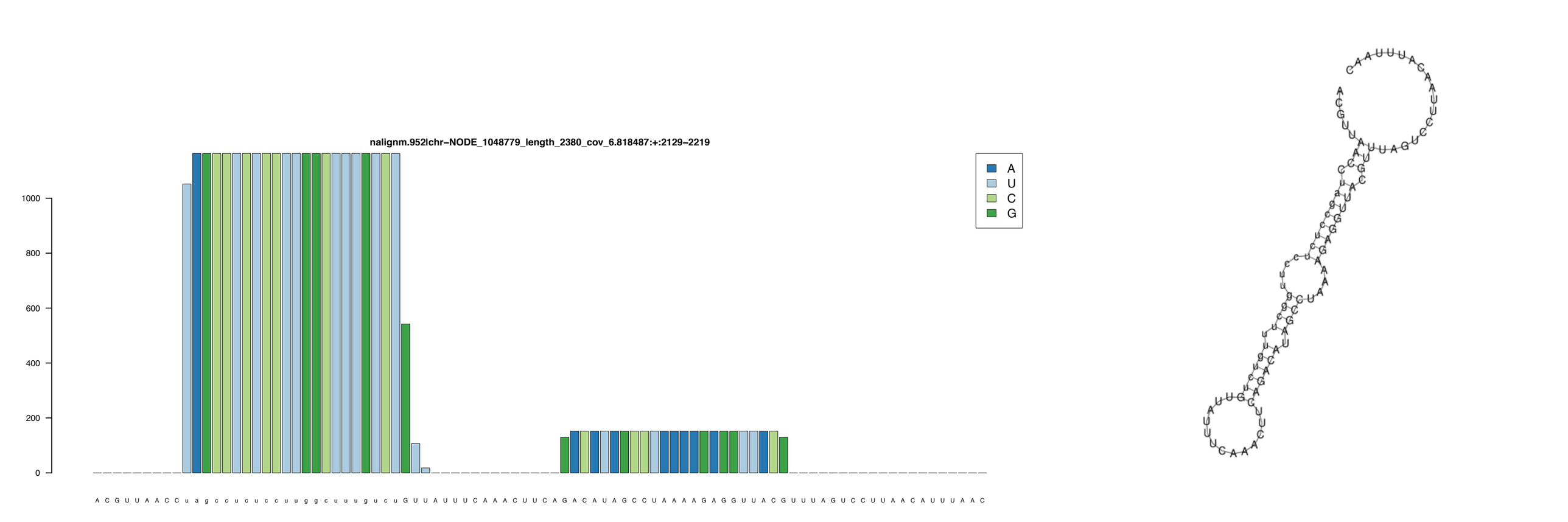

nalignm.879–1lchr–NODE_827428_length_210_cov_5.280952:–:35–125
A
U
C
G
1400
1200
1000
800
600
400
200
0
C U U G G C G U c a u c a u a g a c g u c u a c a a u a u g u A U A C A U C U A U G A A A A C G C C A G G C C A A G C A G A A A U G G C A C U G G G U U U U G U U U C A U U A C U U

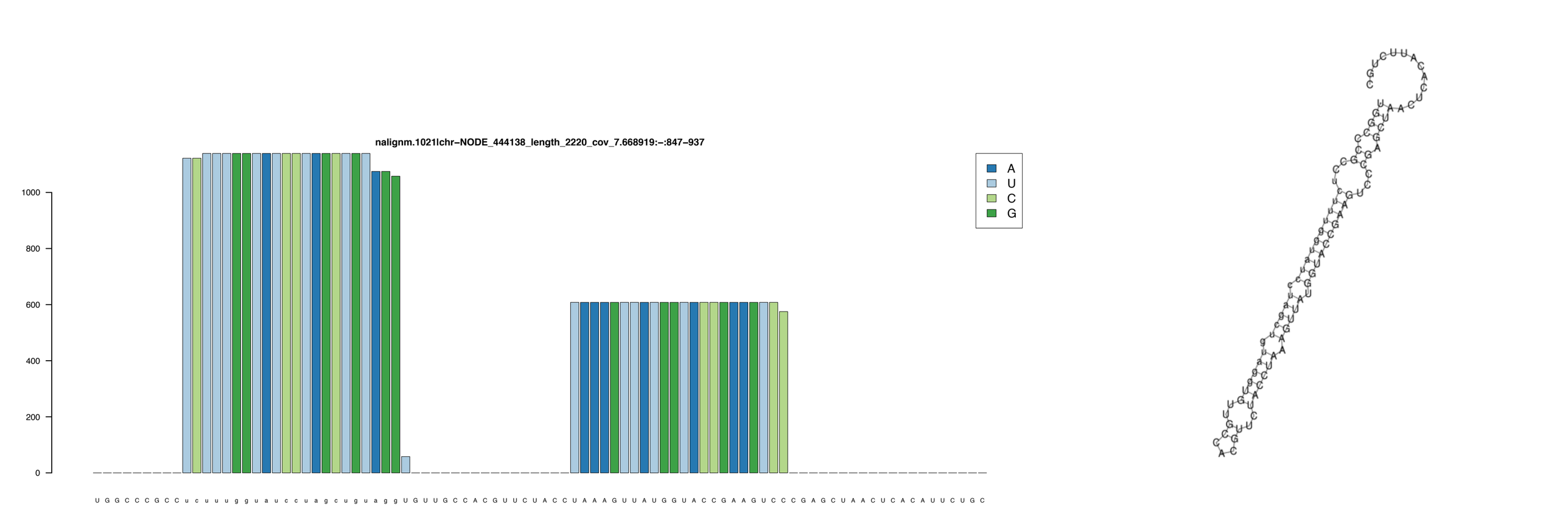


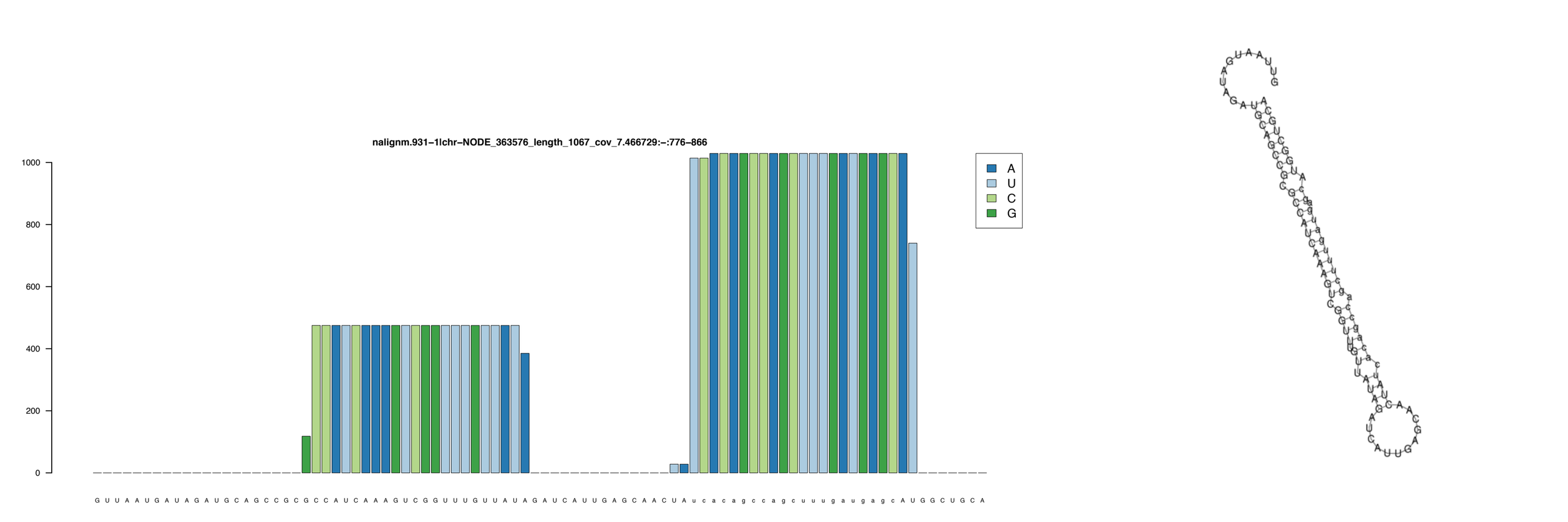

nalignm.1022−1Ichr−NODE_211080_length_842_cov_25.463182:+:608−698
A
U
C
G
1200
1000
800
600
400
200
0
U U G G C U A U C G C A U A A C A G U C U A G U G G C U U C C A U U A C A G U U C G U A G A A U U U C U G G G U C U U u g c u g g a u a u u a g g g u g g u c a u A A C A U U A G C

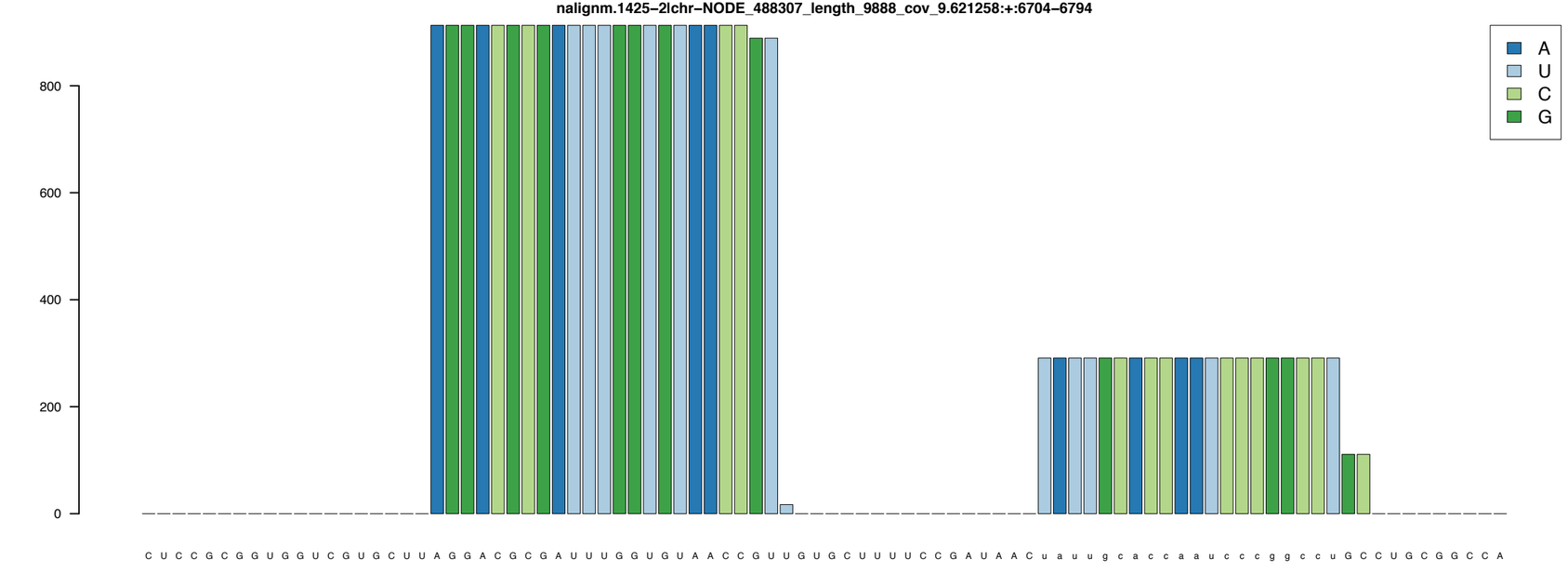

nalignm.1138−3lchr−NODE_466344_length_508_cov_12.450788:+:207−297
1200
1000
800
600
400
200
0
A
U
C
G
U G U C A A G C U G U U U A U A U U U U U G C U G U G A C U C U A A C A U C C A A U A C G U U U A A A A U U C G C U A c u a g g u g u u a g g g u c a c a g c a A A A U U U A A C A

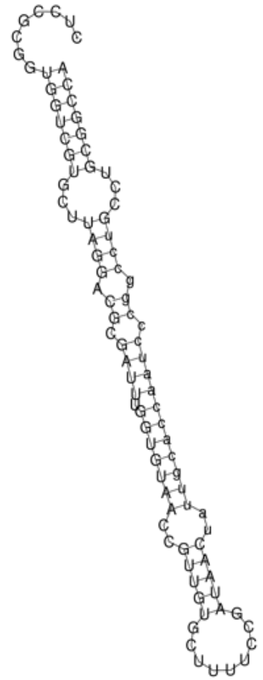



nalignm.952lchr−NODE_1048779_length_2380_cov_6.818487:+:2129−2219
A
U
C
G
1000
800
600
400
200
0
A C G U U A A C C u a g c c u c u c c u u g g c u u u g u c u G U U A U U U C A A A C U U C A G A C A U A G C C U A A A A G A G G U U A C G U U U A G U C C U U A A C A U U U A A C

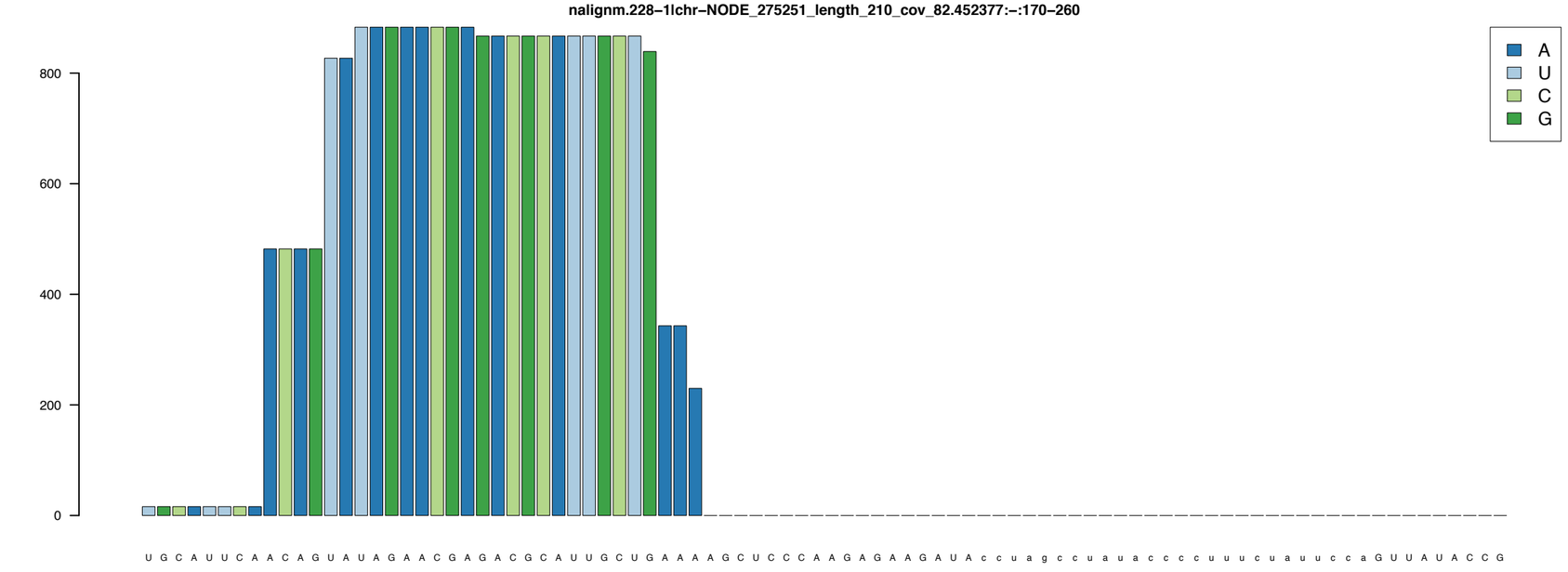

nalignm.1021lchr−NODE_444138_length_2220_cov_7.668919:−:847−937
A
U
C
G
1000
800
600
400
200
0
U G G C C C G C C u c u u u g g u a u c c u a g c u g u a g g U G U U G C C A C G U U C U A C C U A A A G U U A U G G U A C C G A A G U C C C G A G C U A A C U C A C A U U C U G C

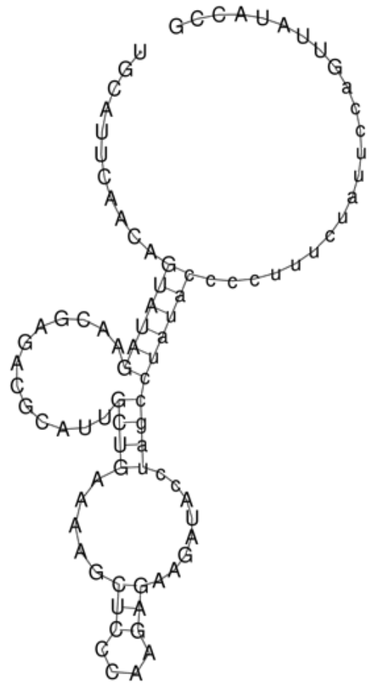

nalignm.931−1lchr−NODE_363576_length_1067_cov_7.466729:−:776−866
1000
800
600
400
200
0
A
U
C
G
G U U A A U G A U A G A U G C A G C C G C G C C A U C A A A G U C G G U U U G U U A U A G A U C A U U G A G C A A C U A u c a c a g c c a g c u u u g a u g a g c A U G G C U G C A

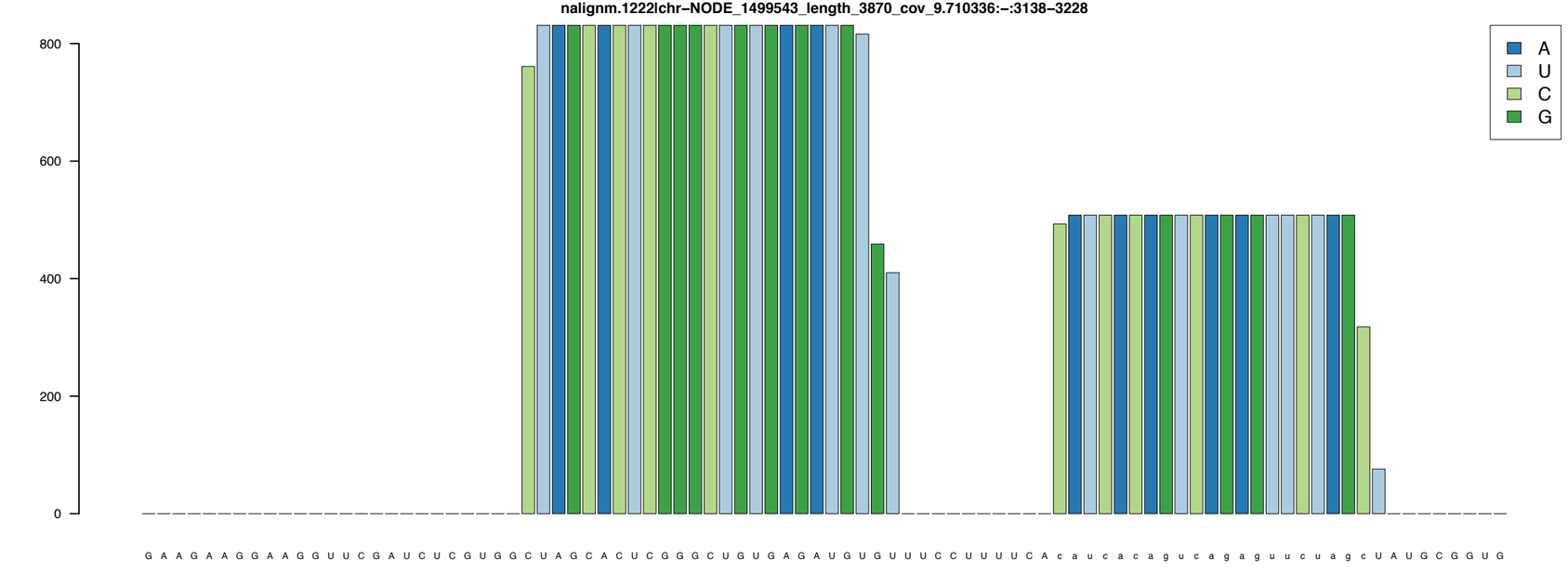

nalignm.1425−2lchr−NODE_488307_length_9888_cov_9.621258:+:6704−6794
A
U
C
G
800
600
400
200
0
C U C C G C G G U G G U C G U G C U U A G G A C G C G A U U U G G U G U A A C C G U U G U G C U U U U C C G A U A A C u a u u g c a c c a a u c c c g g c c u G C C U G C G G C C A

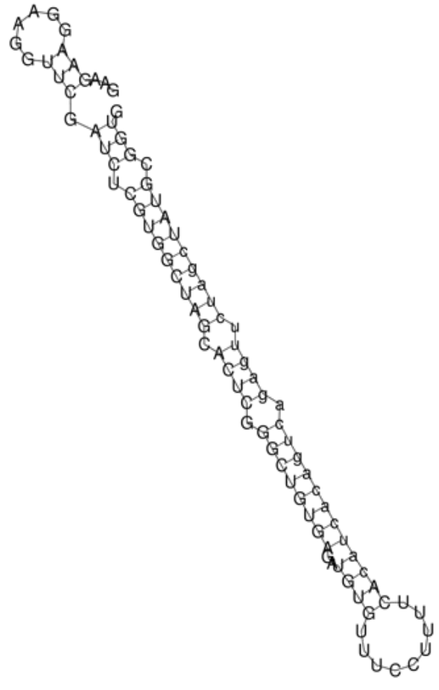


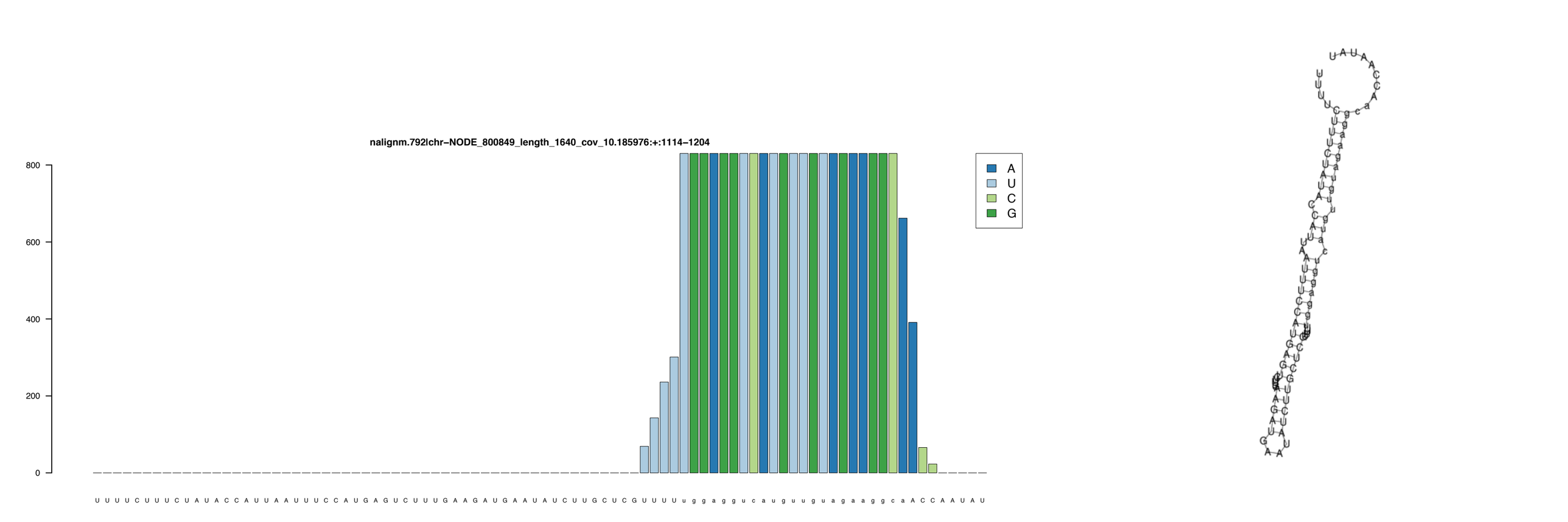
nalignm.223−1lchr−NODE_117642_length_1119_cov_26.932976:+:6−96
800
600
400
200
0
A
U
C
G
C A G C A G U U C u u u c a c u u a a u u c u g g a u g g c g u c g c A U A A A A A G G U C A U A C C A U U U C U U U C C U G G A A U G C C G U C U U U A A A G G G A U U U U C U C

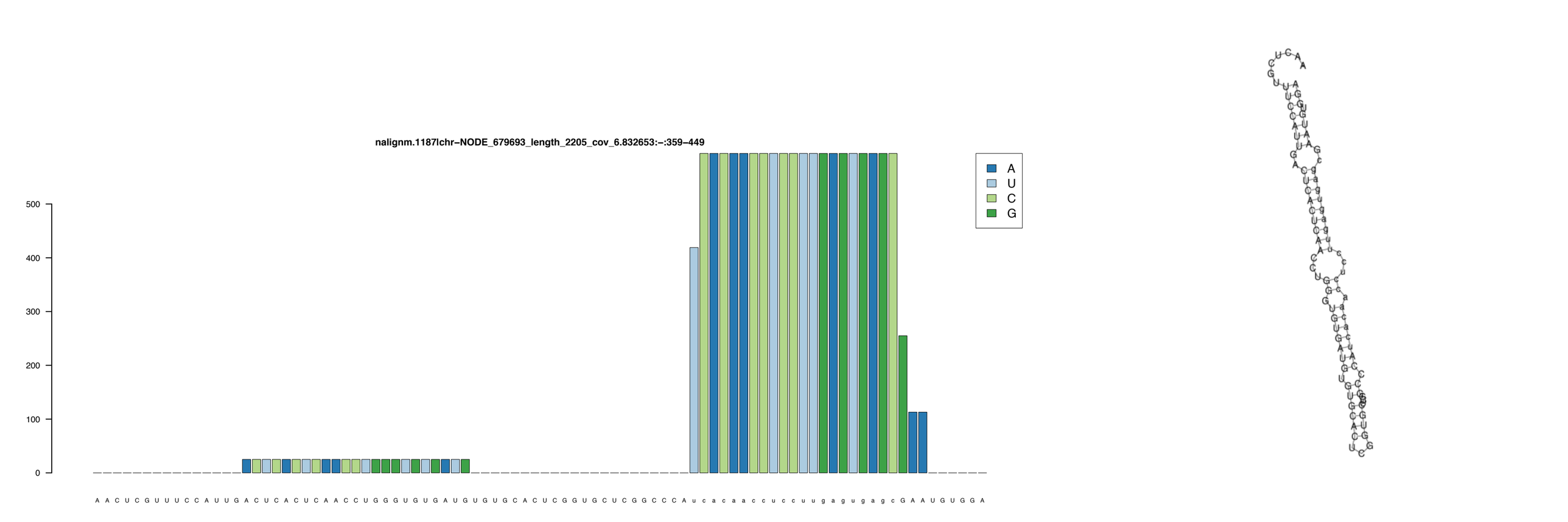

nalignm.228−1lchr−NODE_275251_length_210_cov_82.452377:−:170−260
A
U
C
G
800
600
400
200
0
U G C A U U C A A C A G U A U A G A A C G A G A C G C A U U G C U G A A A A G C U C C C A A G A G A A G A U A c c u a g c c u a u a c c c c u u u c u a u u c c a G U U A U A C C G

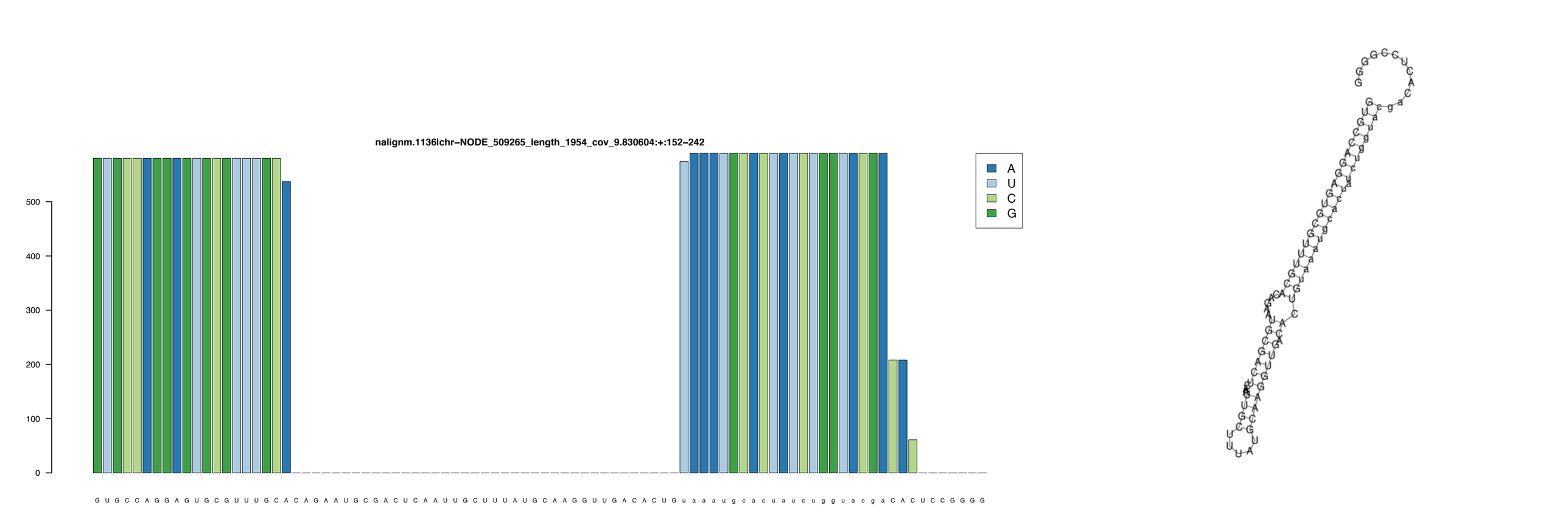


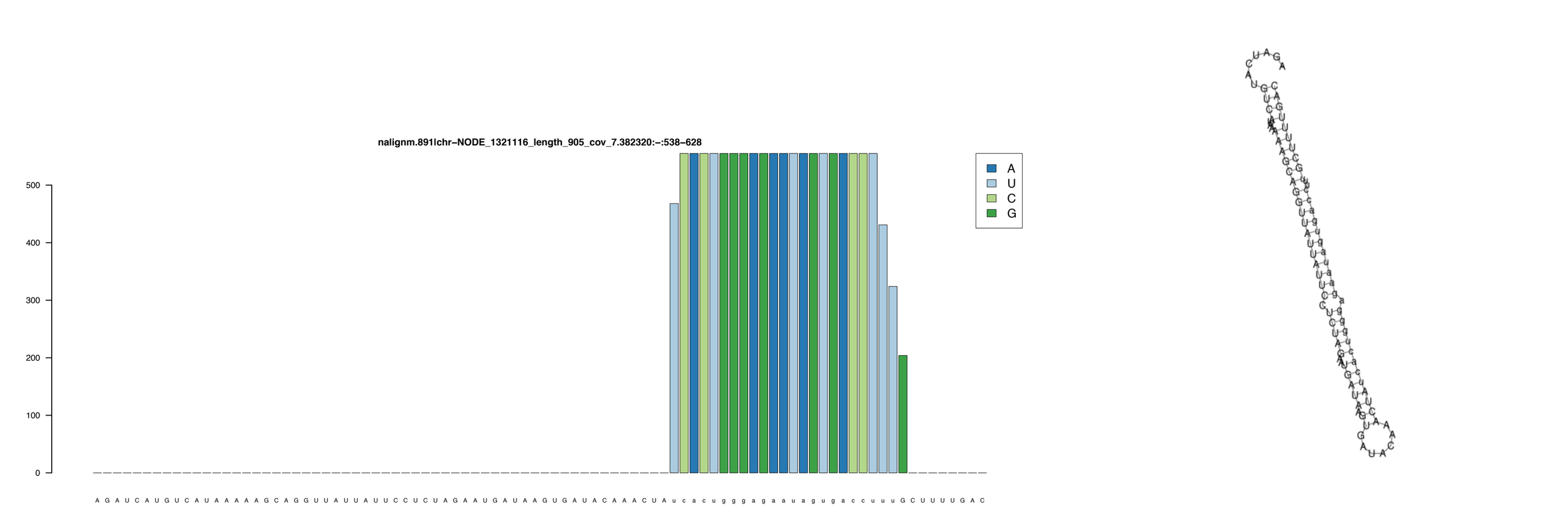

nalignm.1222lchr–NODE_1499543_length_3870_cov_9.710336:–:3138–3228
800
600
400
200
0
A
U
C
G
G A A G A A G G A A G G U U C G A U C U C G U G G C U A G C A C U C G G G C U G U G A G A U G U G U U U C C U U U U C A c a u c a c a g u c a g a g u u c u a g c U A U G C G G U G

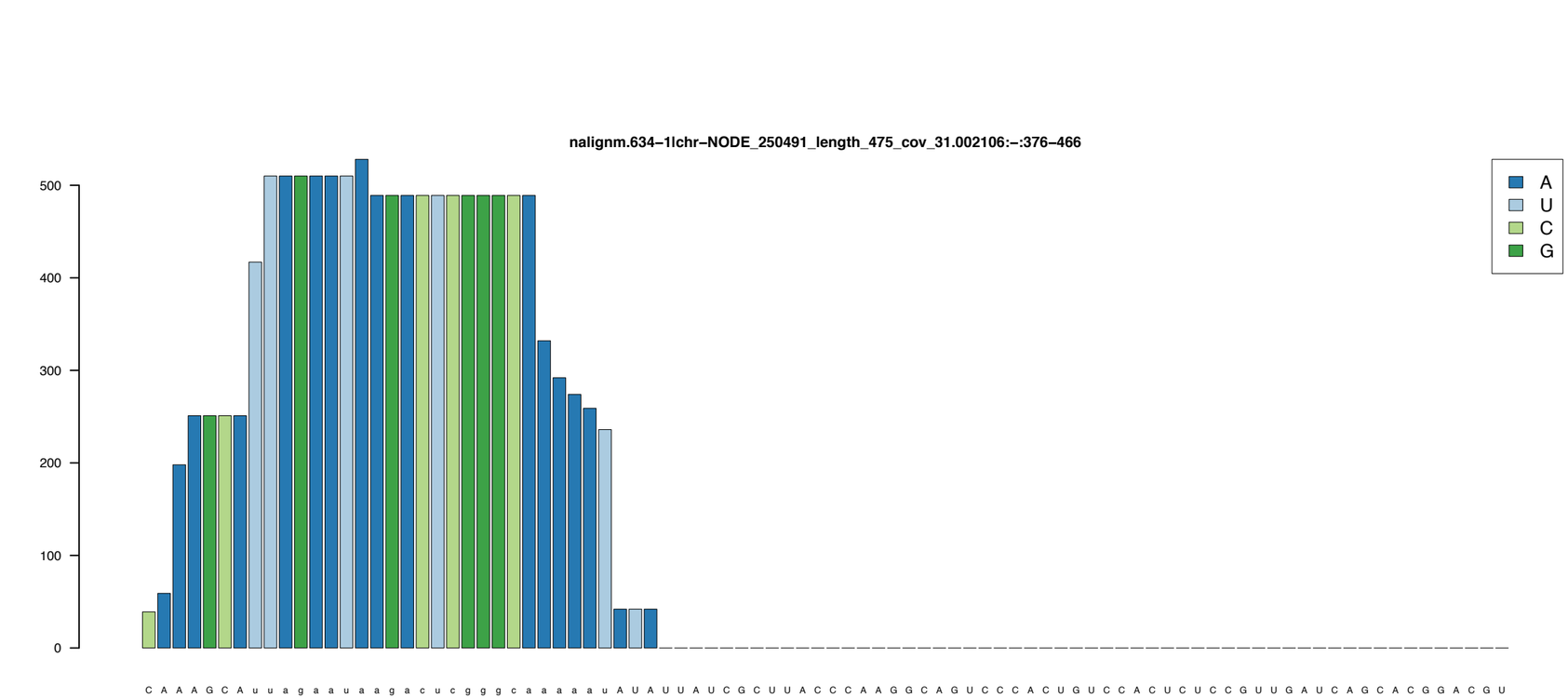


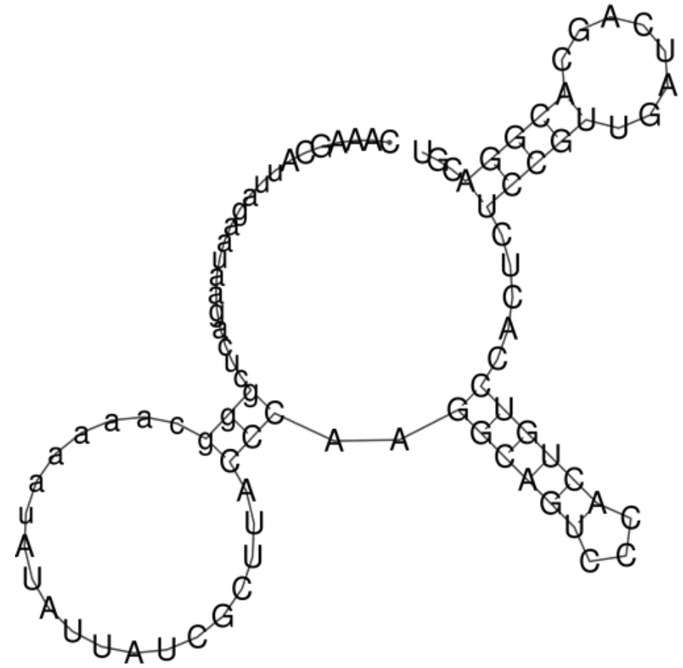

nalignm.792lchr–NODE_800849_length_1640_cov_10.185976:+:1114–1204
800
600
400
200
0
A
U
C
G
U U U U C U U U C U A U A C C A U U A A U U U C C A U G A G U C U U U G A A G A U G A A U A U C U U G C U C G U U U U u g g a g g u c a u g u u u g u a g a a g g c a A C C A A U A U


nalignm.1187lchr−NODE_679693_length_2205_cov_6.832653:−:359−449
A
U
C
G
500
400
300
200
100
0
A A C U C G U U U C C C A U U G A C U C A C U C A A C C U G G G U G U G A U G U G U G C A C U C G G U G C U C G G C C C A u c a c a a c c u c c u u g a g u g a g c G A A U G U G G A


nalignm.1136|chr−NODE_509265_length_1954_cov_9.830604:+:152−242
A
U
C
G
500
400
300
200
100
0
G U G C C A G G A G U G C G U U U G C A C A G A A U G C G A C U C A A U U G C U U U A U G C A A G G U U G A C A C U G u a a a u g c a c u a u c u g g u a c g a C A C U C C G G G G


nalignm.891lchr–NODE_1321116_length_905_cov_7.382320:–:538–628
500
400
300
200
100
0
A
U
C
G
A G A U C A U G U C A U A A A A A G C A G G U U A U U A U U C C U C U A G A A U G A U A A G U G A U A C A A A C U A u c a c u g g g a g a a u a g u g a c c u u u G C U U U U G A C

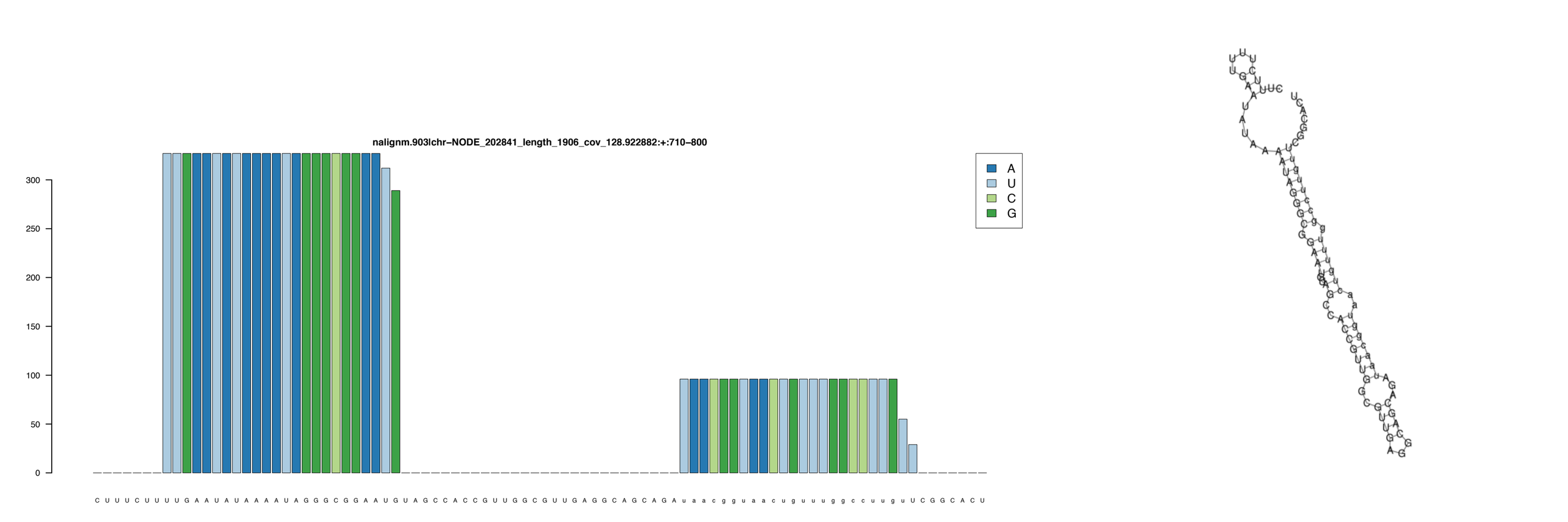

nalignm.634–1lchr–NODE_250491_length_475_cov_31.002106:–:376–466
A
U
C
G
500
400
300
200
100
0
C A A A G C A u u a g a a u a a a g a c u c g g g c a a a a a a u A U A U U A U C G C U U A C C C A A G G C A G U C C C A C U G U C C A C U C U C C G U U G A U C A G C A C G G A C G U

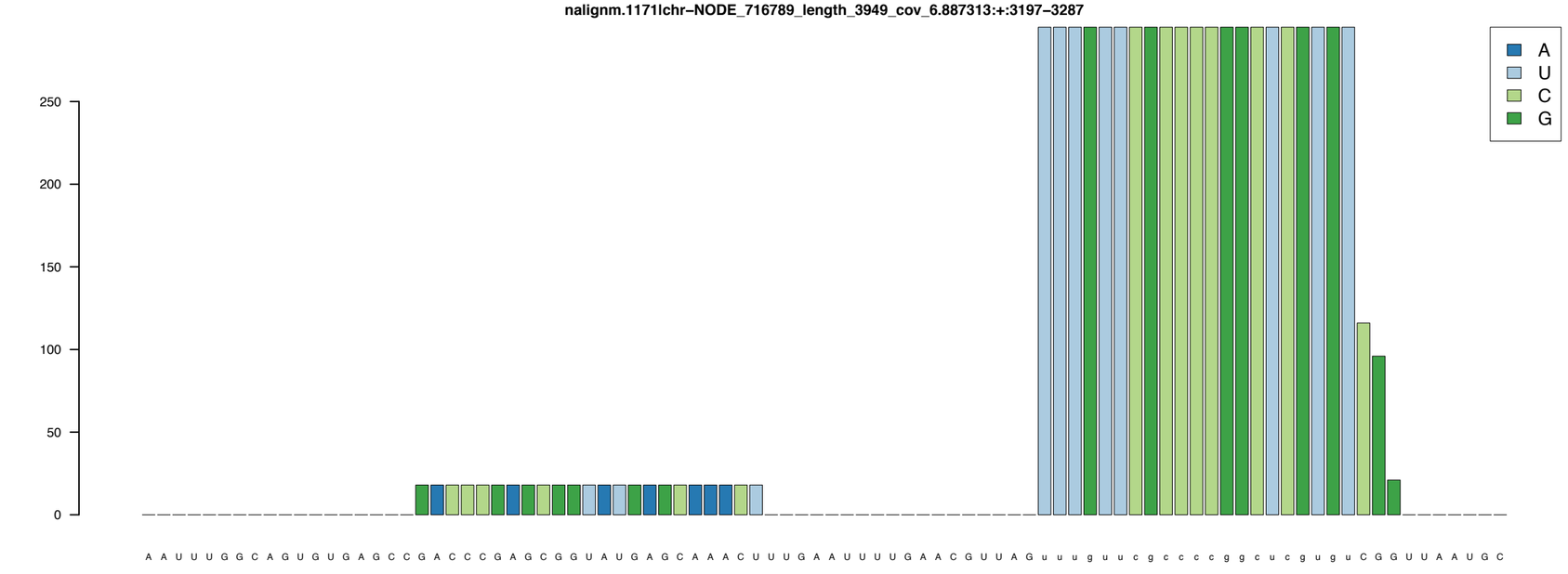


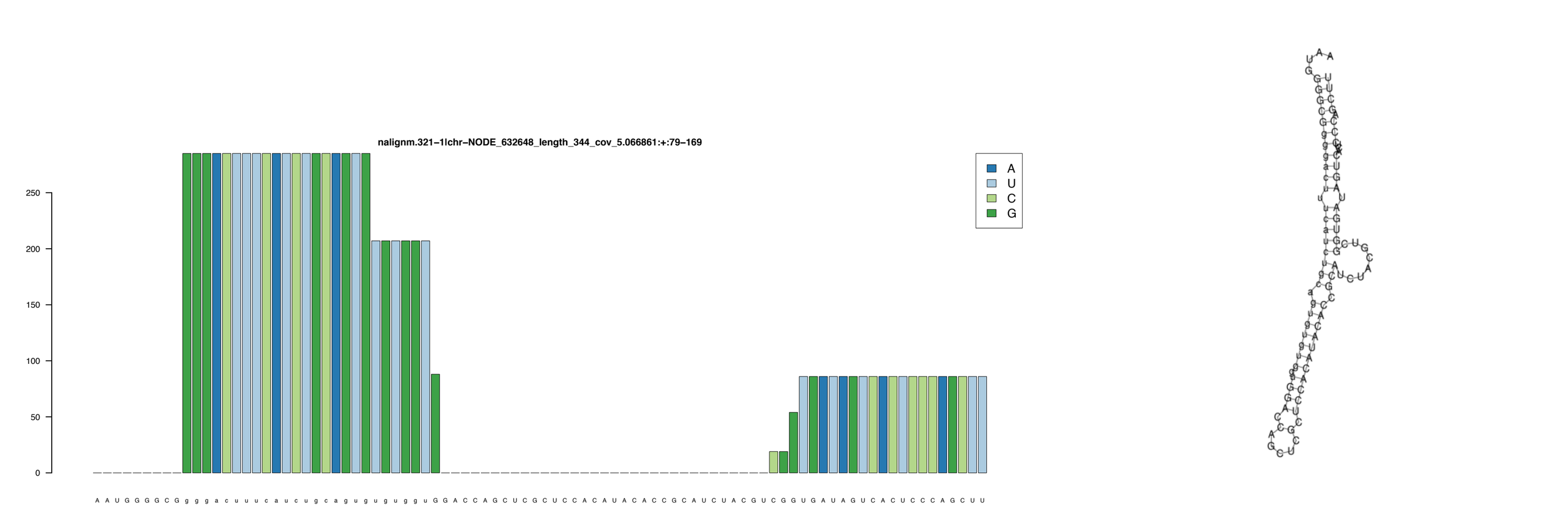
nalignm.1123lchr–NODE_1055099_length_1428_cov_7.252101:–:1079–1169
A
U
C
G
400
300
200
100
0
G C G A A G U U G G u u u g u g a c c g u c a c u a a c g g g C A G U U A U A A C A U U U U G C C C G U U U U G A C G A U C G C A A A A U G A A C U C G C U U A A C U A U A A A C G

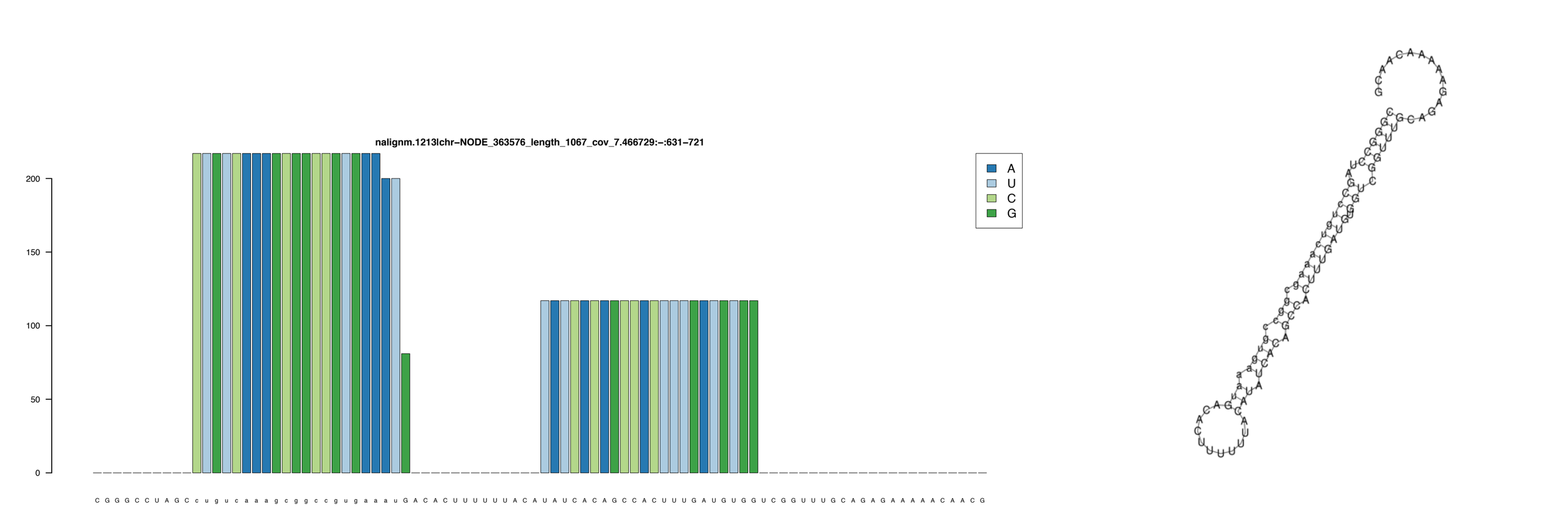
nalignm.1221lchr−NODE_508182_length_1129_cov_7.262179:+:371−461
A
U
C
G
400
300
200
100
0
C G C G U U G U A u g g a a g a c u a g u g a u u u u g u u G U U A G U U A U C A U U A A A C A A G A A A U C A C U A A U C U C C C U A C A A A G C C U G G C A A U C U C U U C G U

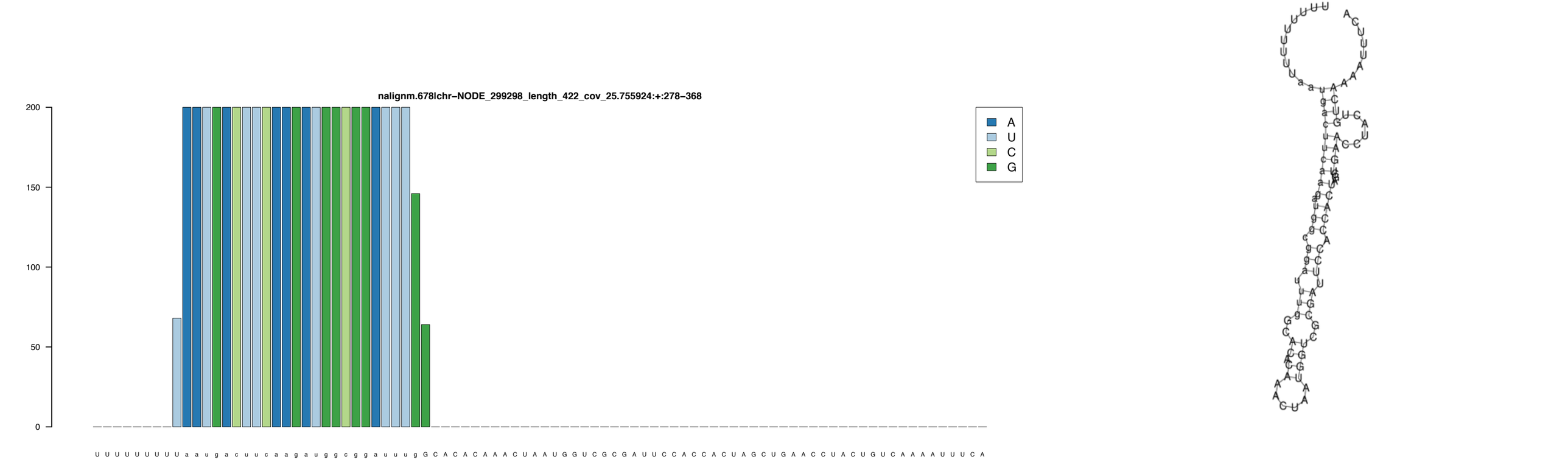
nalignm.61lchr−NODE_139546_length_1338_cov_8.314649:+:585−675
A
U
C
G
0
50
100
150
200
250
300
350
U U U A U A U U U u a g c a g u u u a g c a g g a u g g g u a g a g u U U A U C U U U G C U C A U U U A A G A A A G A C U G C A C A U A A A A A C A C A U C A C U U G C U A A C C G

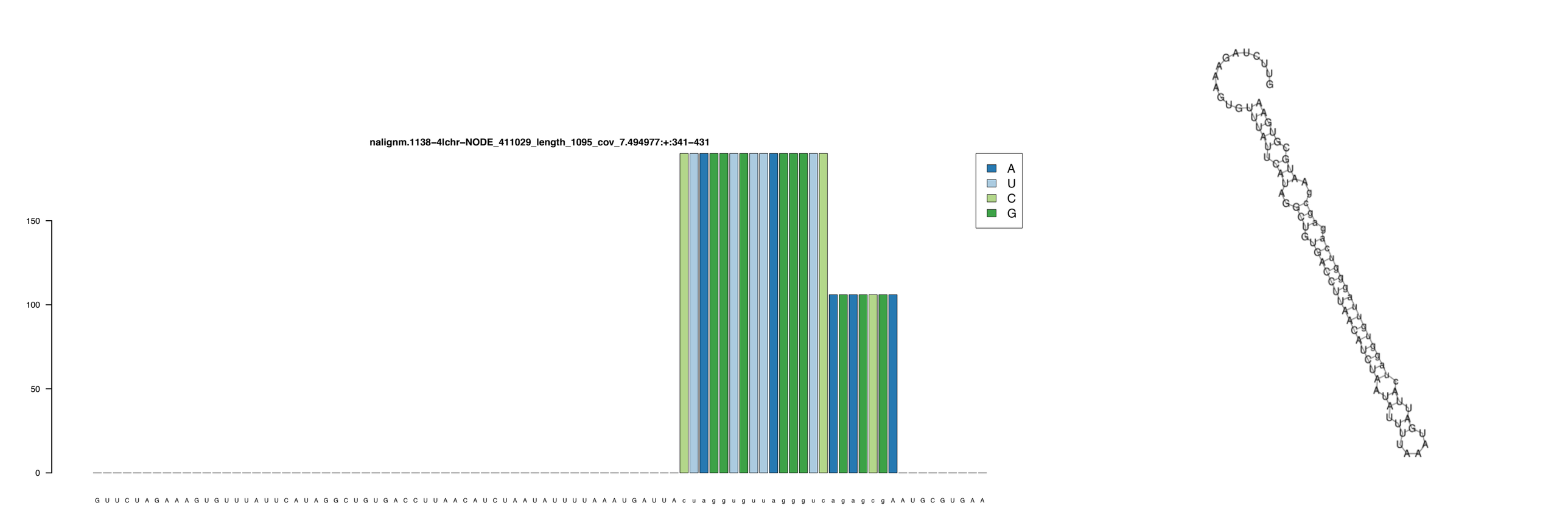

nalignm.903lchr–NODE_202841_length_1906_cov_128.922882:+:710–800
A
U
C
G
300
250
200
150
100
50
0
C U U U C U U U U G A A U A U A A A A U A G G G C G G A A U G U A G C C A C C G U U G G C G U U G A G G C A G C A G A u a a c g g u a a c u g u u u g g c c u u g u U C G G C A C U


nalignm.1171lchr–NODE_716789_length_3949_cov_6.887313:+:3197–3287
A
U
C
G
250
200
150
100
50
0
A A U U U G G C A G U G U G A G C C G A C C C G A G C G G U A U G A G C A A A C U U U G A A U U U U G A A C G U U A G u u u g u u c g c c c c g g c u c g u g u C G G U U A A U G C

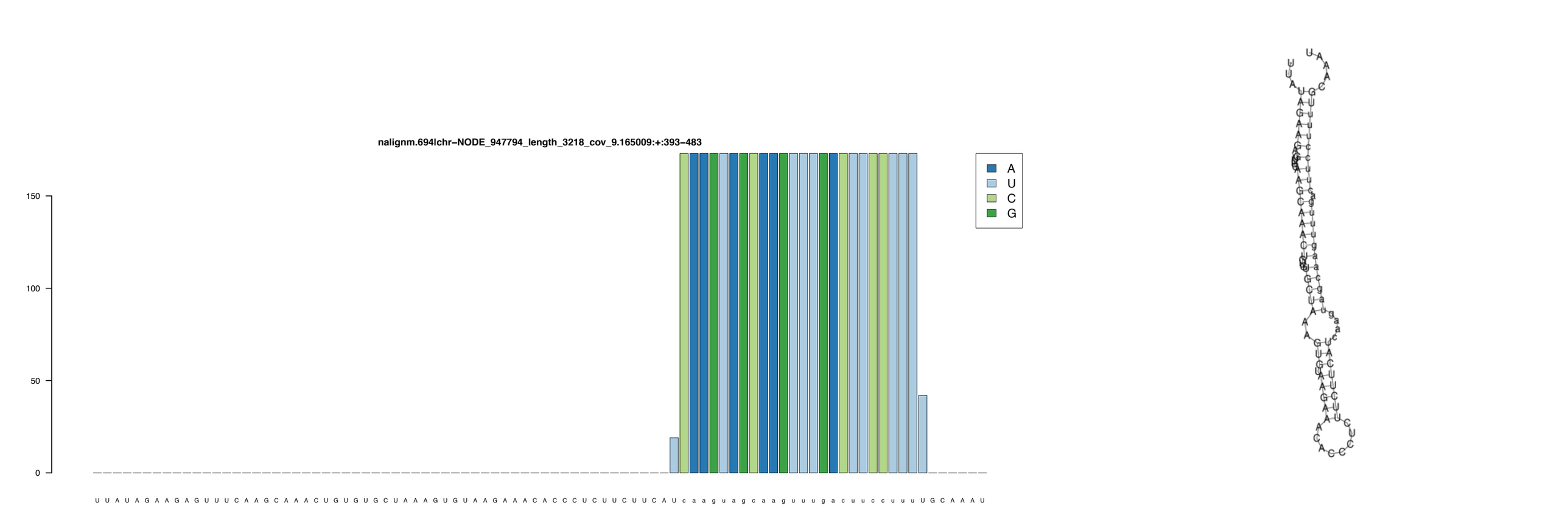

nalignm.321−1lchr−NODE_632648_length_344_cov_5.066861:+:79−169
A
U
C
G
250
200
150
100
50
0
A A U G G G C G g g g a c u u u c a u c u g c a g u g u g u g g u G G A C C A G C U C G C U C C A C A U A C A C C G C A U C U A C G U C G G U G A U A G U C A C U C C C A G C U U

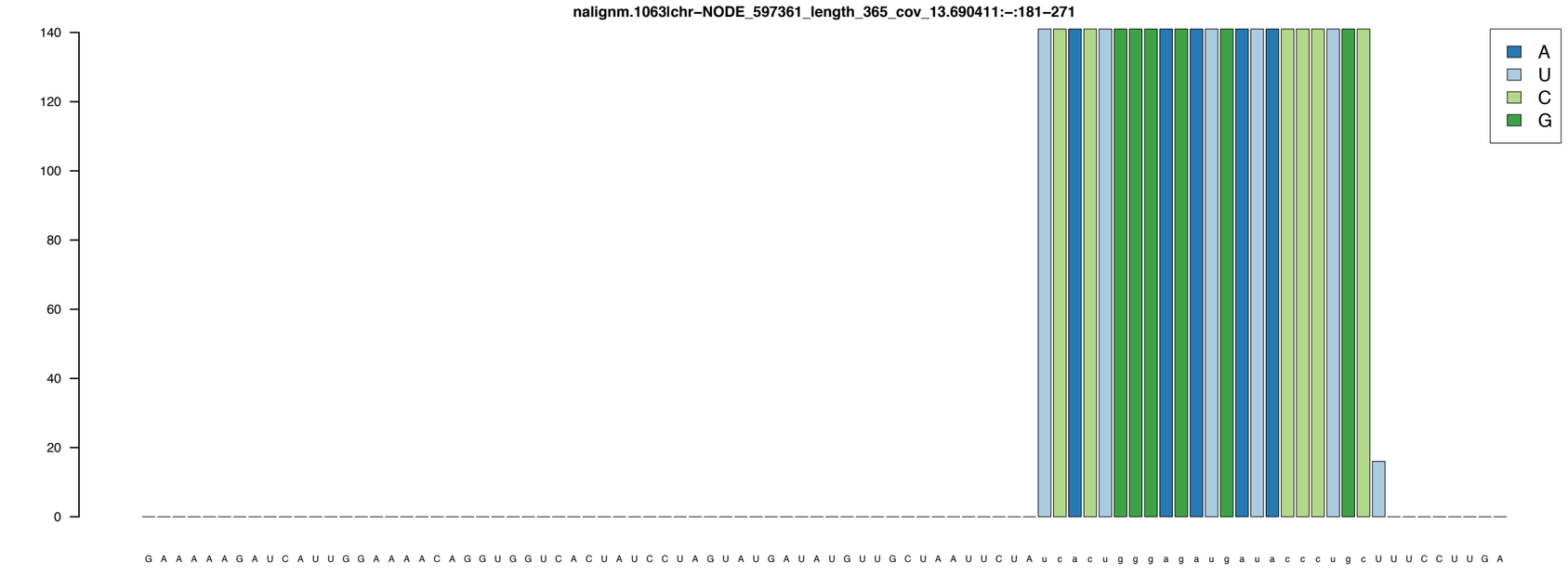

nalignm.1213lchr−NODE_363576_length_1067_cov_7.466729:−:631−721
A
U
C
G
200
150
100
50
0
C G G G C C U A G C c u g u c a a a g c g g c c g u g a a a u G A C A C U U U U U U A C A U A U C A C A G C C A C U U U G A U G U G G U C G G U U U G C A G A G A A A A A C A A C G

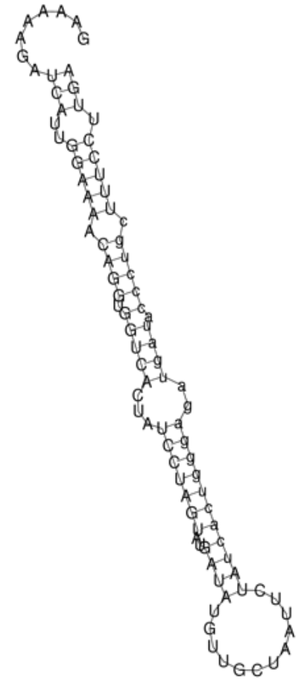

nalignm.678|chr−NODE_299298_length_422_cov_25.755924:+:278−368
200
150
100
50
0
A
U
C
G
U U U U U U U U a a u g a c u u c a a g a u g g c g g a u u u g G C A C A C A A A C U A A U G G U C G C G A U U C C A C C A C U A G C U G A A C C U A C U G U C A A A A U U U C A


nalignm.1138–4lchr–NODE_411029_length_1095_cov_7.494977:+:341–431
A
U
C
G
150
100
50
0
G U U C U A G A A A G U G U U U A U U C A U A G G C U G U G A C C U U A A C A U C U A A U A U U U U A A A U G A U U A c u a g g u g u u a g g g u c a g a g c g A A U G C G U G A A

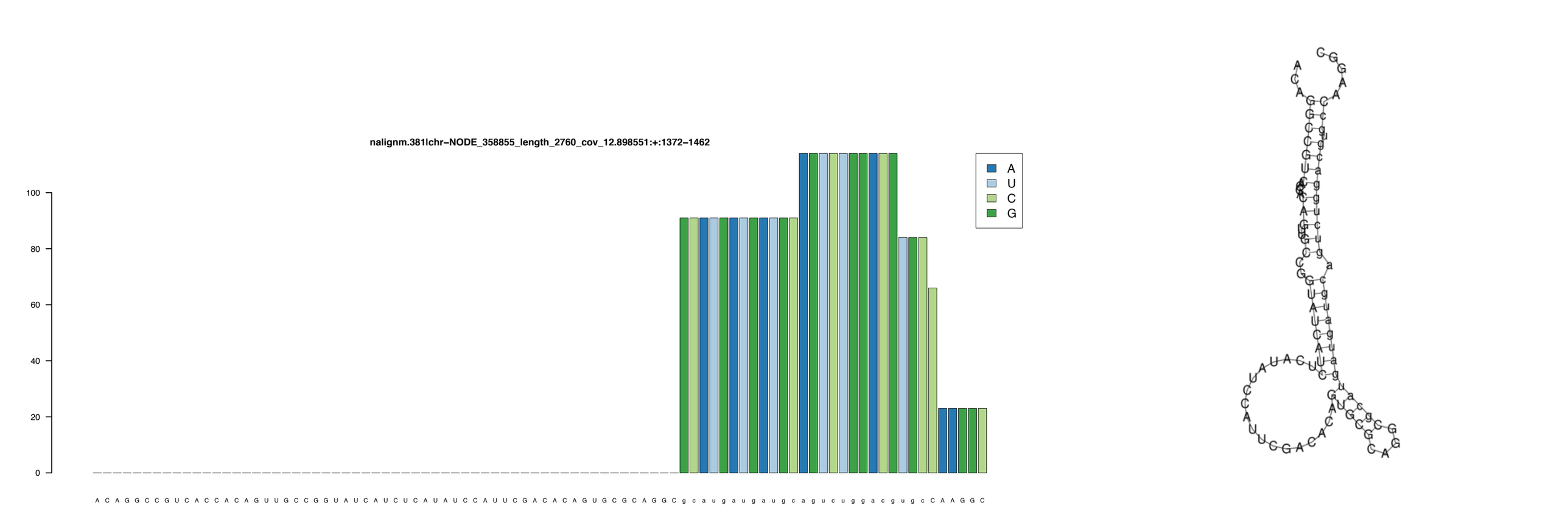
nalignm.613−1Ichr−NODE_479557_length_2786_cov_9.898062:+:2211−2301
A
U
C
G
150
100
50
0
U U U A U U U U A a g g c a u g a u u g u u u u g a g g g a c a c a C A U G A U G U G U G U A U C U U U G U A U A A U U A U G C A A G A A C A U U G A G U U C C C A U U U G C A A C U

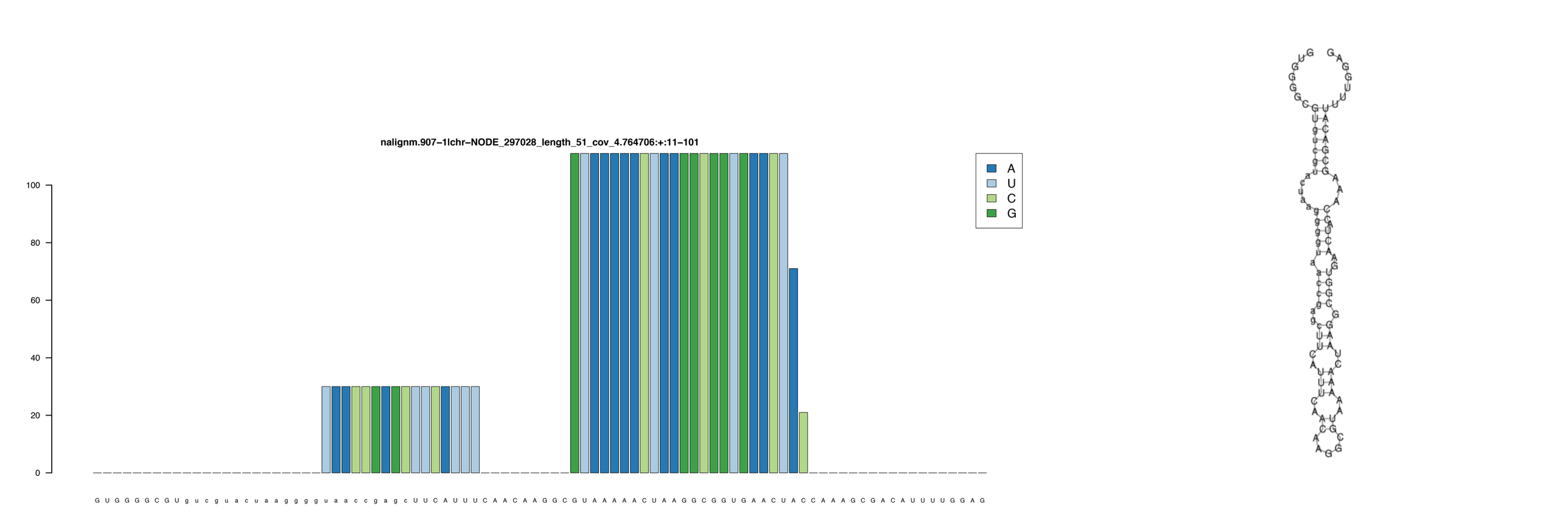

nalignm.694|chr−NODE_947794_length_3218_cov_9.165009:+:393−483
150
100
50
0
A
U
C
G
U U A U A G A A G A G U U U C A A G C A A A C U G U G U G C U A A A G U G U A A G A A A C A C C C U C U U C U U C A U c a a g u a g c a a g u u u g a c u u c c u u u U G C A A A U

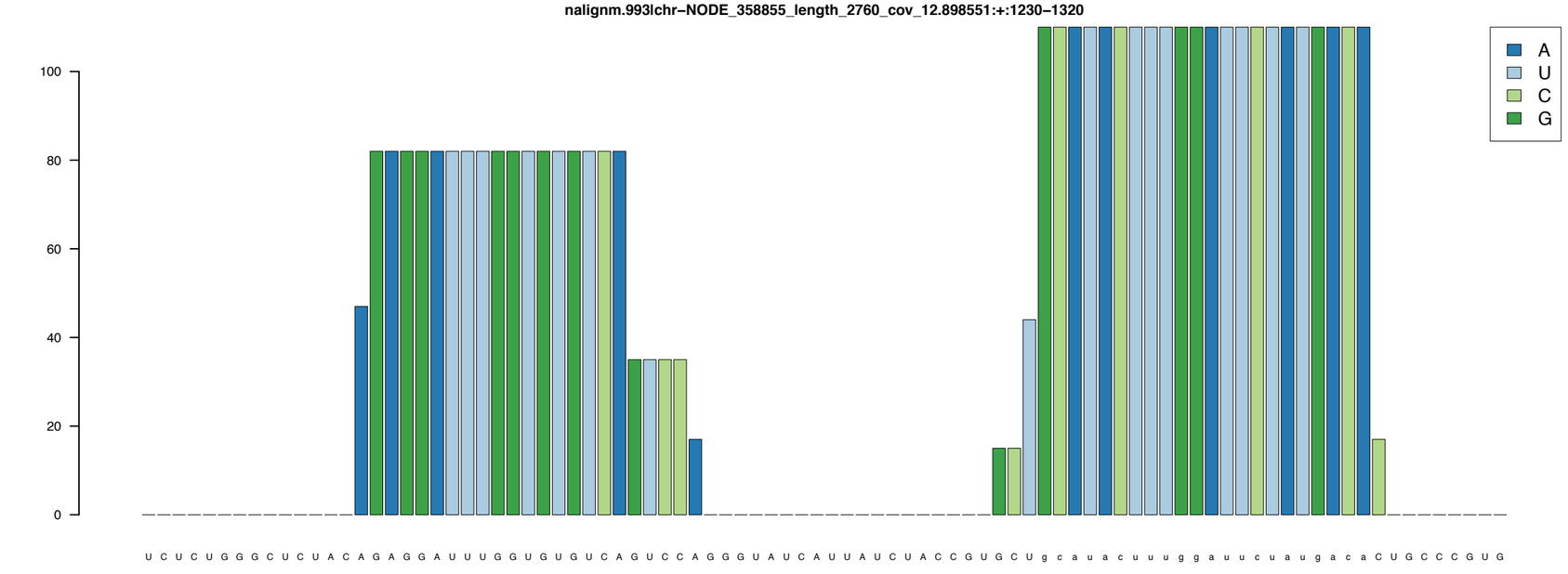

nalignm.1063lchr−NODE_597361_length_365_cov_13.690411:−:181−271
140
120
100
80
60
40
20
0
A
U
C
G
G A A A A A G A U C A U U G G A A A A C A G G U G G U C A C U A U C C U A G U A U G A U A U G U U G C U A A U U C U A u c a c u g g g a g a u g a u a c c c u g c U U U C C U U G A

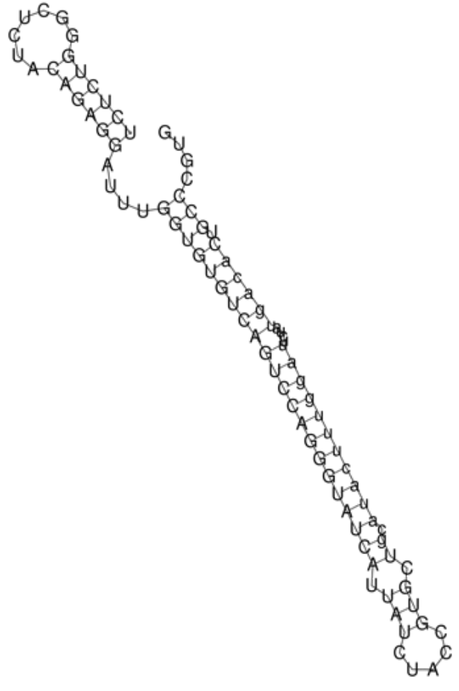


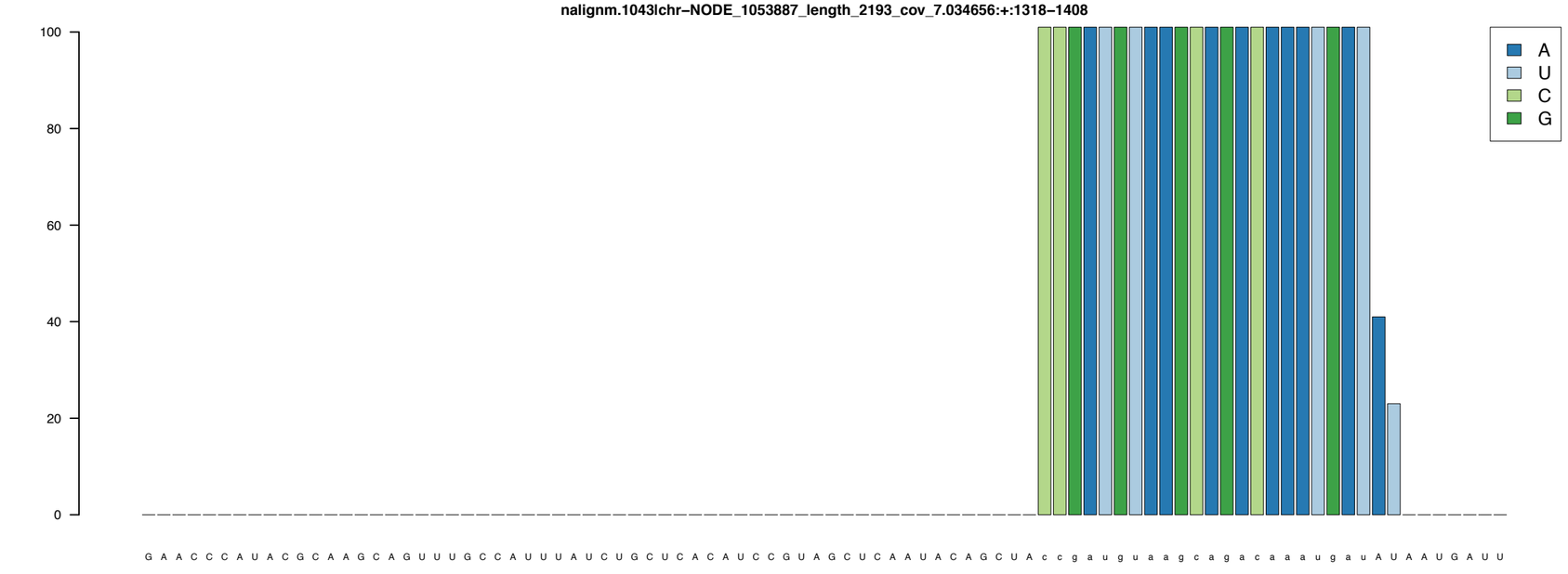
nalignm.635−1lchr−NODE_137600_length_153_cov_134.392151:+:113−203
A
U
C
G
120
100
80
60
40
20
0
U A A G C U A A G g g a c u a u g g a c u u c a a a u a a a a c g c G G C A A A A U G C G U G U U A G G U G A A G C U G A A G U A C A A U U U U U A G G A U A C U C A A U U U C U U C

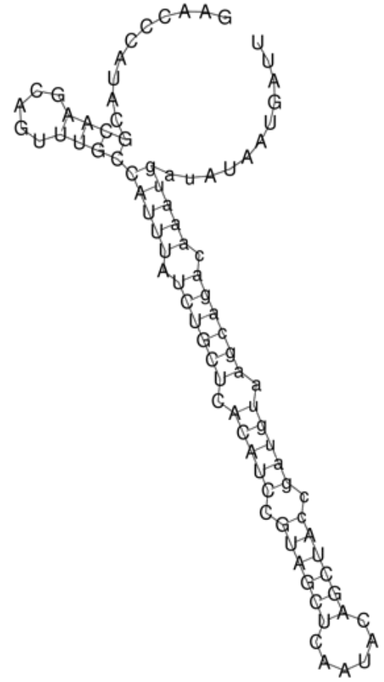

nalignm.381lchr–NODE_358855_length_2760_cov_12.898551:+:1372–1462
A
U
C
G
100
80
60
40
20
0
A C A G G C C G U C A C C A C A G U U G C C G G U A U C A U C U C A U A U C C A U U C G A C A C A G U G C G C A G G C g c a u g a u g a u g a u g c a g u c u g g a c g u g c C A A G G C

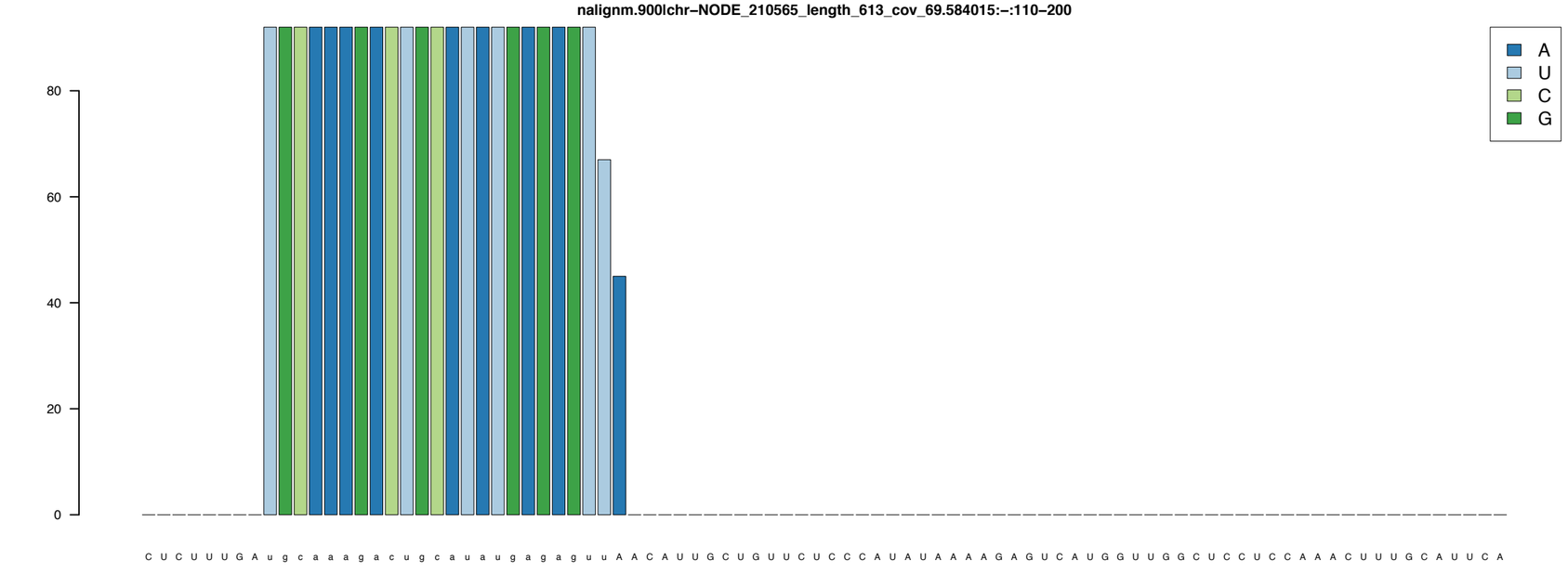

nalignm.907−1lchr−NODE_297028_length_51_cov_4.764706:+:11−101
A
U
C
G
100
80
60
40
20
0
G U G G G C G U g u c g u a c u a a g g g g u a a c c g a g c U U C A U U U C A A C A A G G C G U A A A A A C U A A G G C G G U G A A C U A C C A A A G C G A C A U U U U G G A G

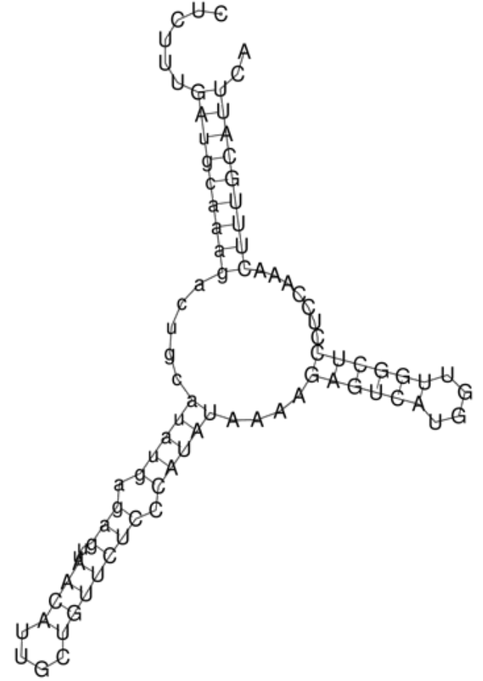

nalignm.993lchr−NODE_358855_length_2760_cov_12.898551:+:1230−1320
A
U
C
G
100
80
60
40
20
0
U C U C U G G G C U C U A C A G A G G A U U U G G U G U G U C A G U C C A G G G U A U C A U U A U C U A C C G U G C U g c a u a c u u u g g a u u c u a u g a c a C U G C C C G U G

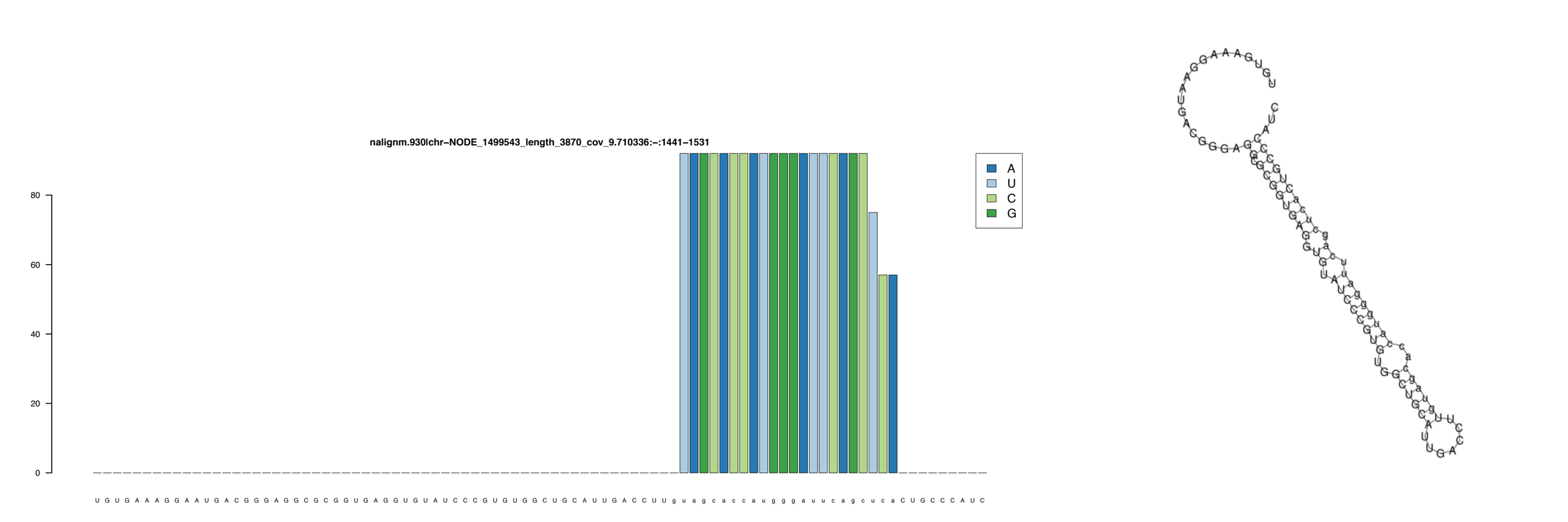



nalignm.1043lchr–NODE_1053887_length_2193_cov_7.034656:+:1318–1408
100
80
60
40
20
0
A
U
C
G
G A A C C C A U A C G C A A G C A G U U U G C C A U U U A U C U G C U C A C A U C C G U A G C U C A A U A C A G C U A c c g a u g u a a g c a g a c a a a u g a u A U A A U G A U U

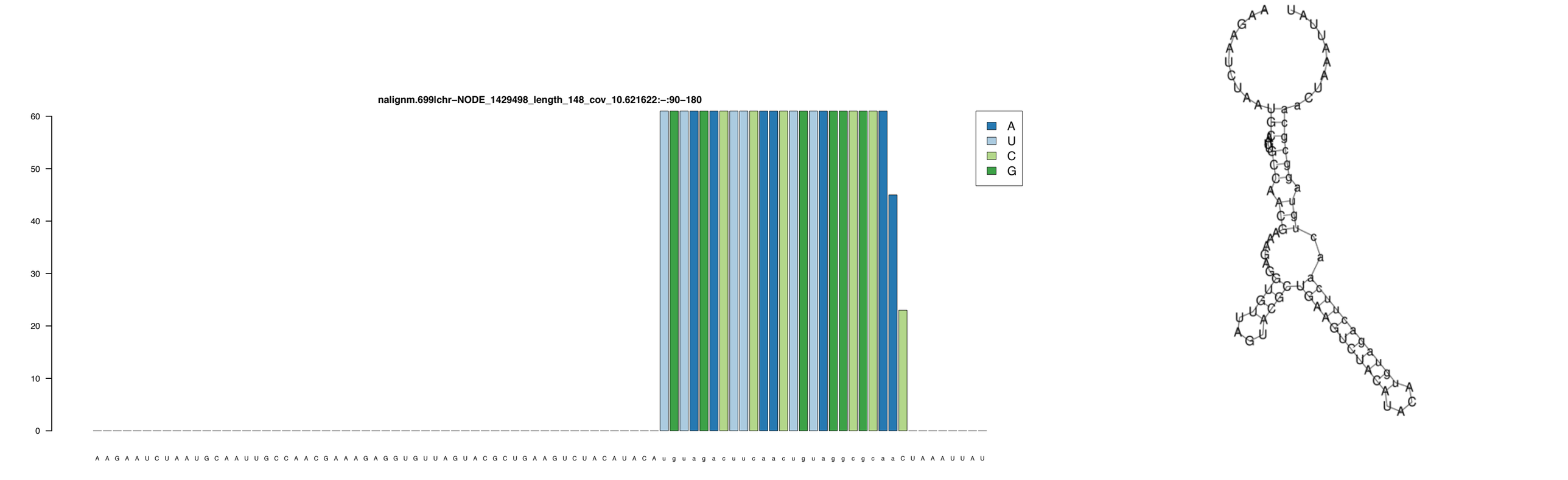



nalignm.900lchr–NODE_210565_length_613_cov_69.584015:–:110–200
A
U
C
G
80
60
40
20
0
C U C U U U G A u g c a a a g a c u g c a u a u g a g a g u u A A C A U U G C U G U U C U C C C A U A U A A A A G A G U C A U G G U U G G C U C C U C C A A A C U U U G C A U U C A




nalignm.930lchr–NODE_1499543_length_3870_cov_9.710336:–:1441–1531
A
U
C
G
80
60
40
20
0
U G U G A A A G G A A U G A C G G G A G G C G C G G U G A G G U G U A U C C C G U G U G G C U G C A U U G A C C U U g u a g c a c c a u g g g a u u c a g c u c a C U G C C C A U C

nalignm.712−1lchr−NODE_473684_length_298_cov_7.161074:+:4−94
A
U
C
G
60
50
40
30
20
10
0
A G U G G A G G U u g g a a u a g g a a c a g g a a g u c g c g u U C G U A C U U A U A C U G C U C U G U A C C C G A U A C U C C U A A A U A C U C G A G G A A U A G G U U U U A A


nalignm.699lchr−NODE_1429498_length_148_cov_10.621622:−:90−180
60
50
40
30
20
10
0
A
U
C
G
A A G A A U C U A A U G C A A U U G C C A A C G A A A G A G G U G U U A G U A C G C U G A A G U C U A C A U A C A u g u a g a c u u c a a c u g u a g g c g c a a C U A A A U U A U