GeneMark

Version 2.5p (09.08.06) *Copyright 1993 - M. Borodovsky, J. McIninch*

PROGRAM INFORMATION

```
Sequence         :  Mycobacterium phage Elephantoon complete sequence, 52975 bp including 10-base 3’ overhang (
Analysis Date    :  3/29/24 at 8:28:01
Pages            :  27
Sequence Length  :  52975 bp
GC Content       :   62.75%

Window Length    :  96 bp
Window Step      :  12 bp
Threshold Value  :  0.500

PS-Version       :  1.2

GeneMark Options :  PostScript graph,
                    Mark ORFs / splice sites,
                    List ORFs,
                    List regions and/or splice sites,
```

Matrix notes & comments

Training set derived by GeneMarkS, 4.27 September 2014
Tue Sep 23 15:23:03 2014

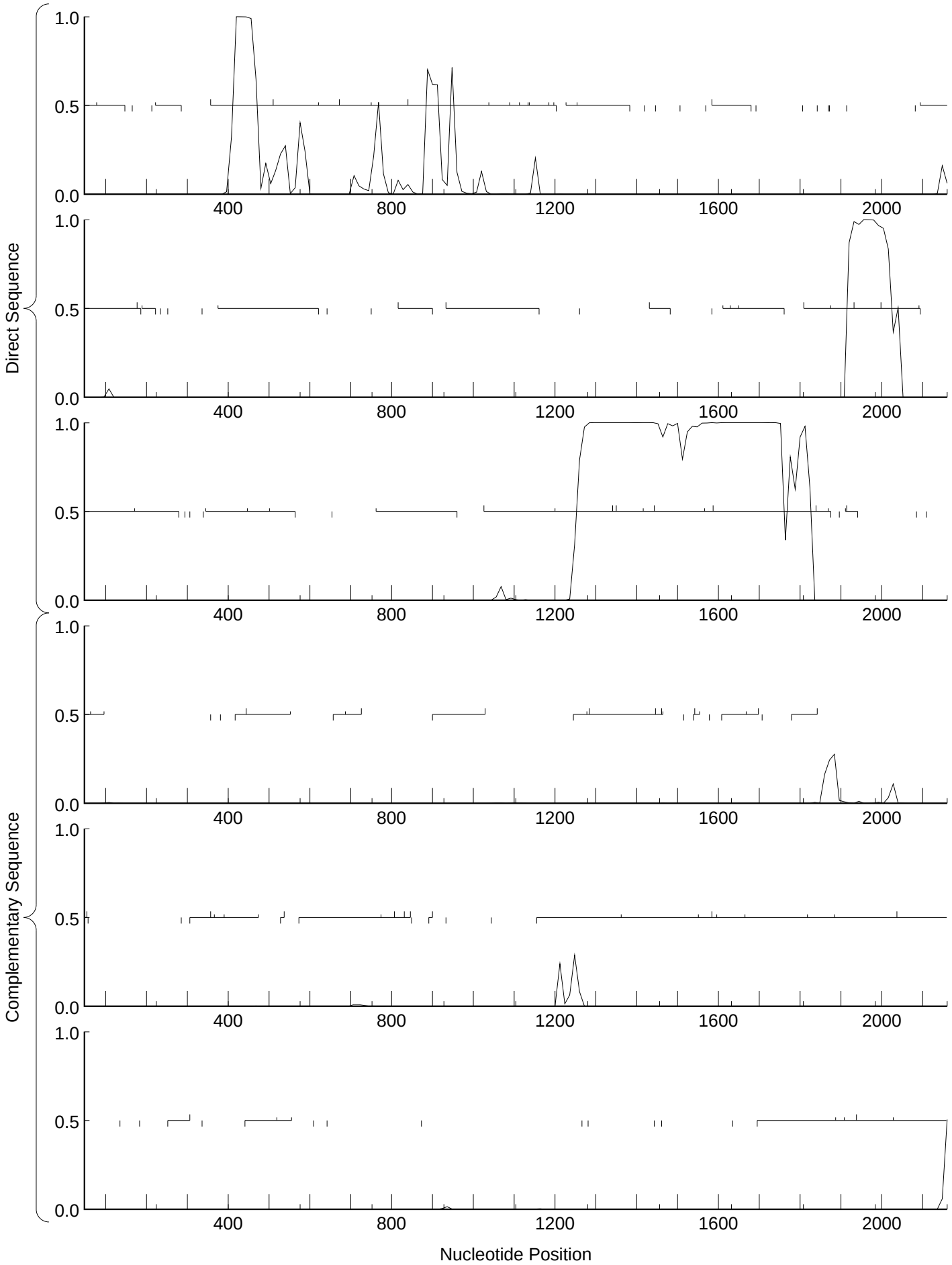
MATRIX INFORMATION

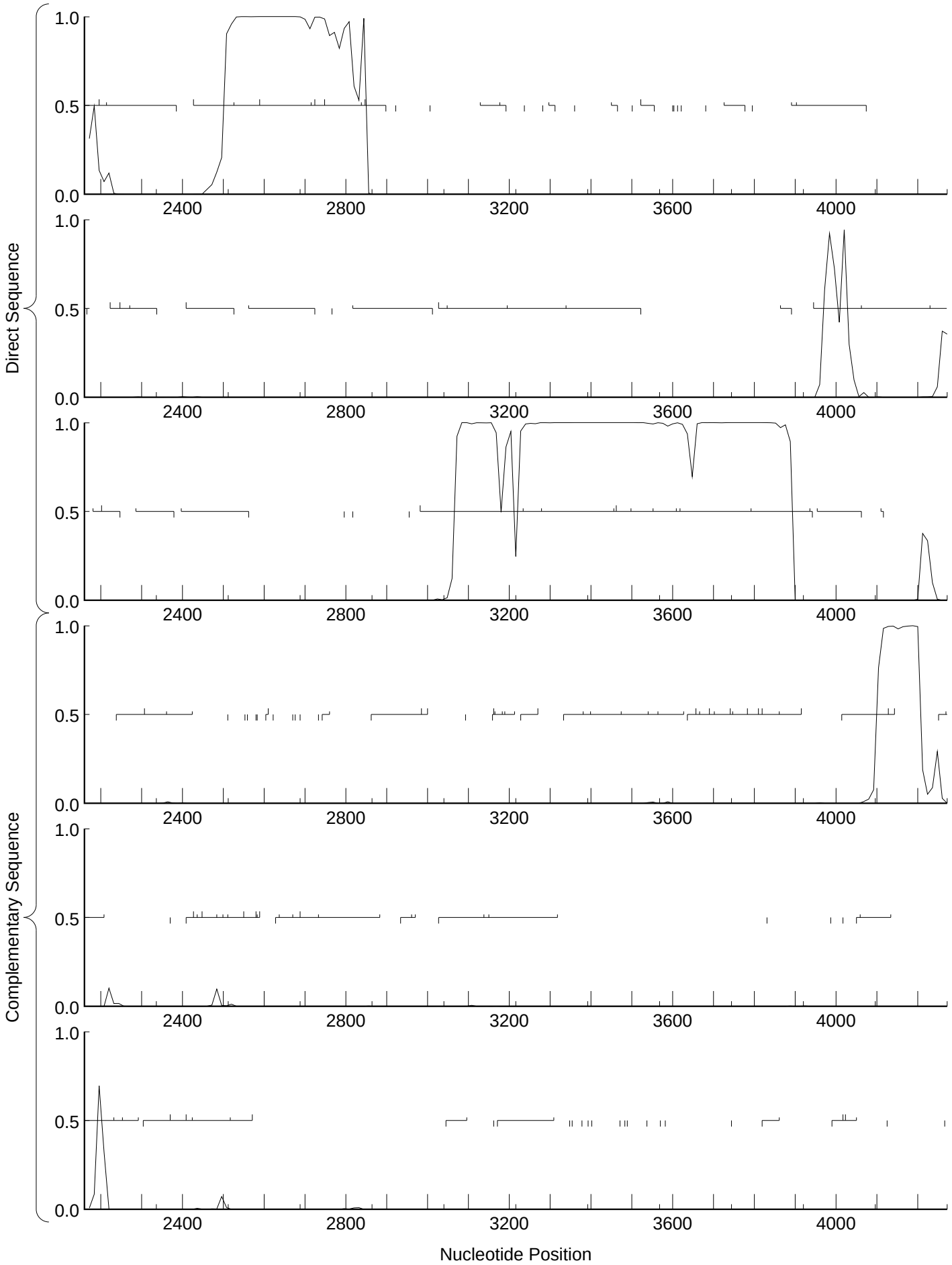
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Matrix     :  Mycobacterium_smegmatis_MC2_155
Author     :  -

Order      :  4
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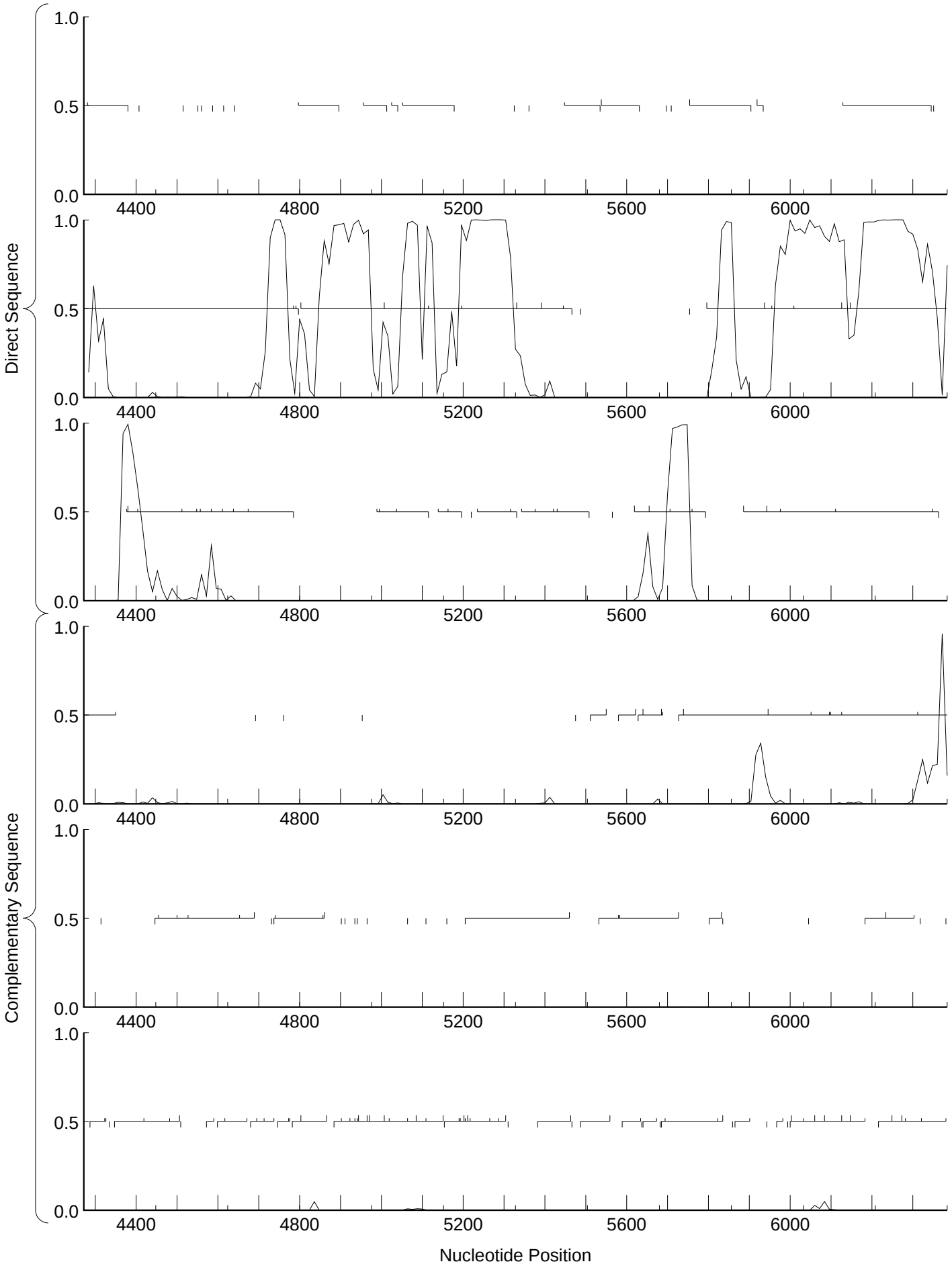

```
  Send questions / comments to:
      Dr. M. Borodovsky
      Georgia Institute of Technology
      School of Biology
      Atlanta, GA  30332-0230
```


For help or information, send electronic mail to: custserv@genepro.com, or mark@amber.biology.gatech.edu

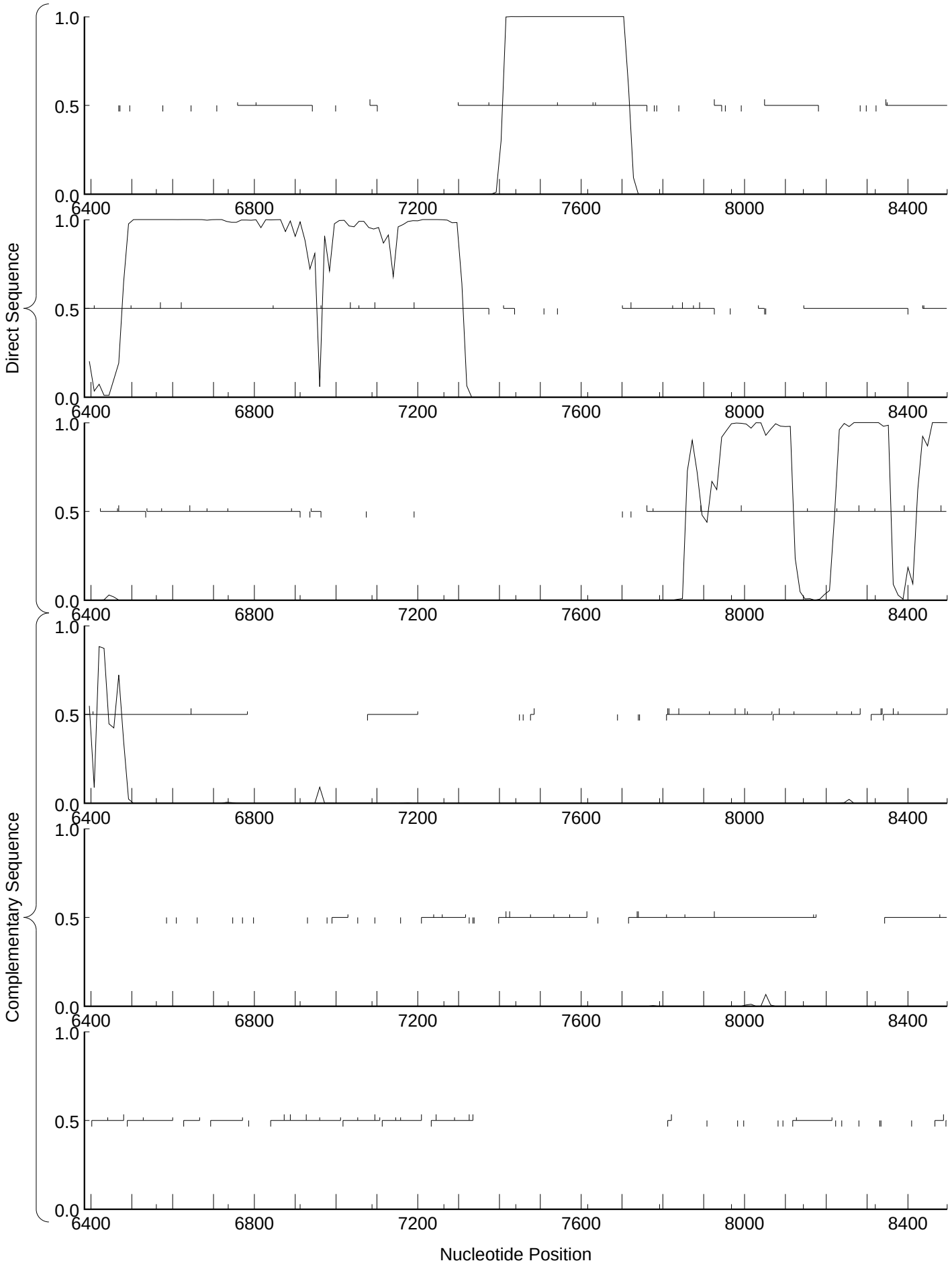

Direct Sequence
Complementary Sequence
1.0
0.5
0.0
400
800
1200
1600
2000
Nucleotide Position

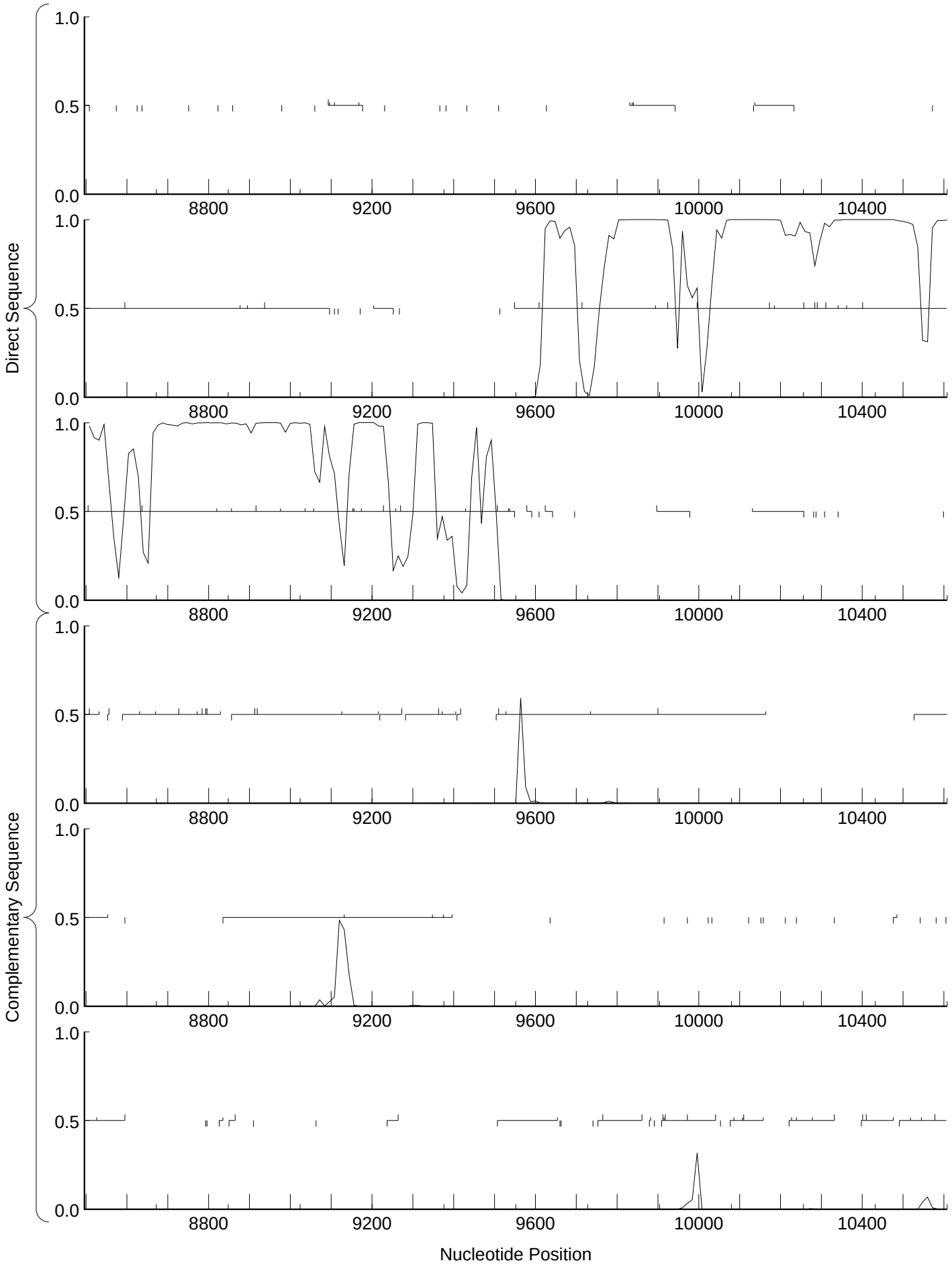

Direct Sequence
Complementary Sequence
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0.5
0.0
2400
2800
3200
3600
4000
Nucleotide Position

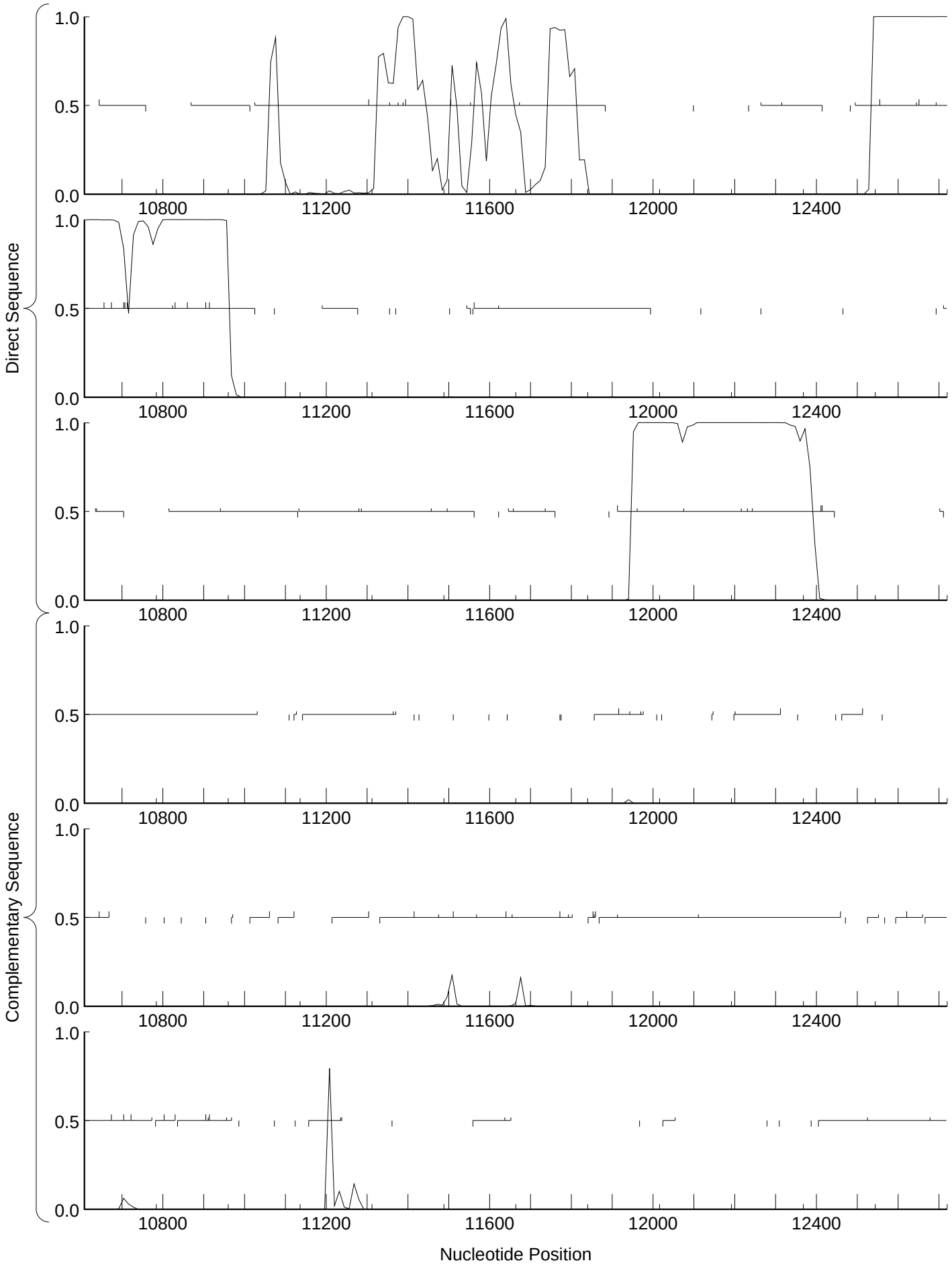
on complete sequence, 52975 bp including 10-base 3’ overhang (CGGTCGGTTA), Cluster A9, Order 4, Window 96, Step 12, 4/27

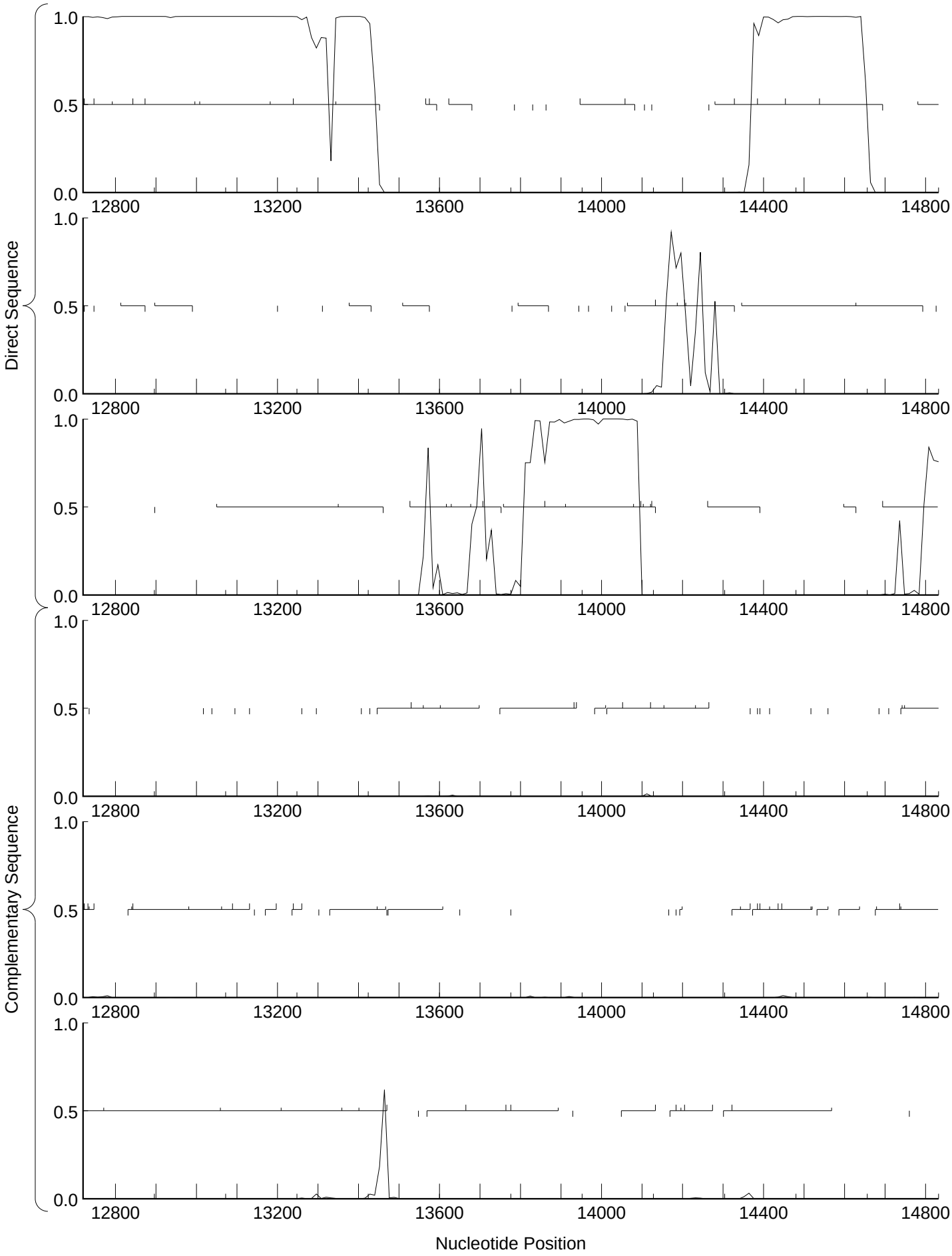


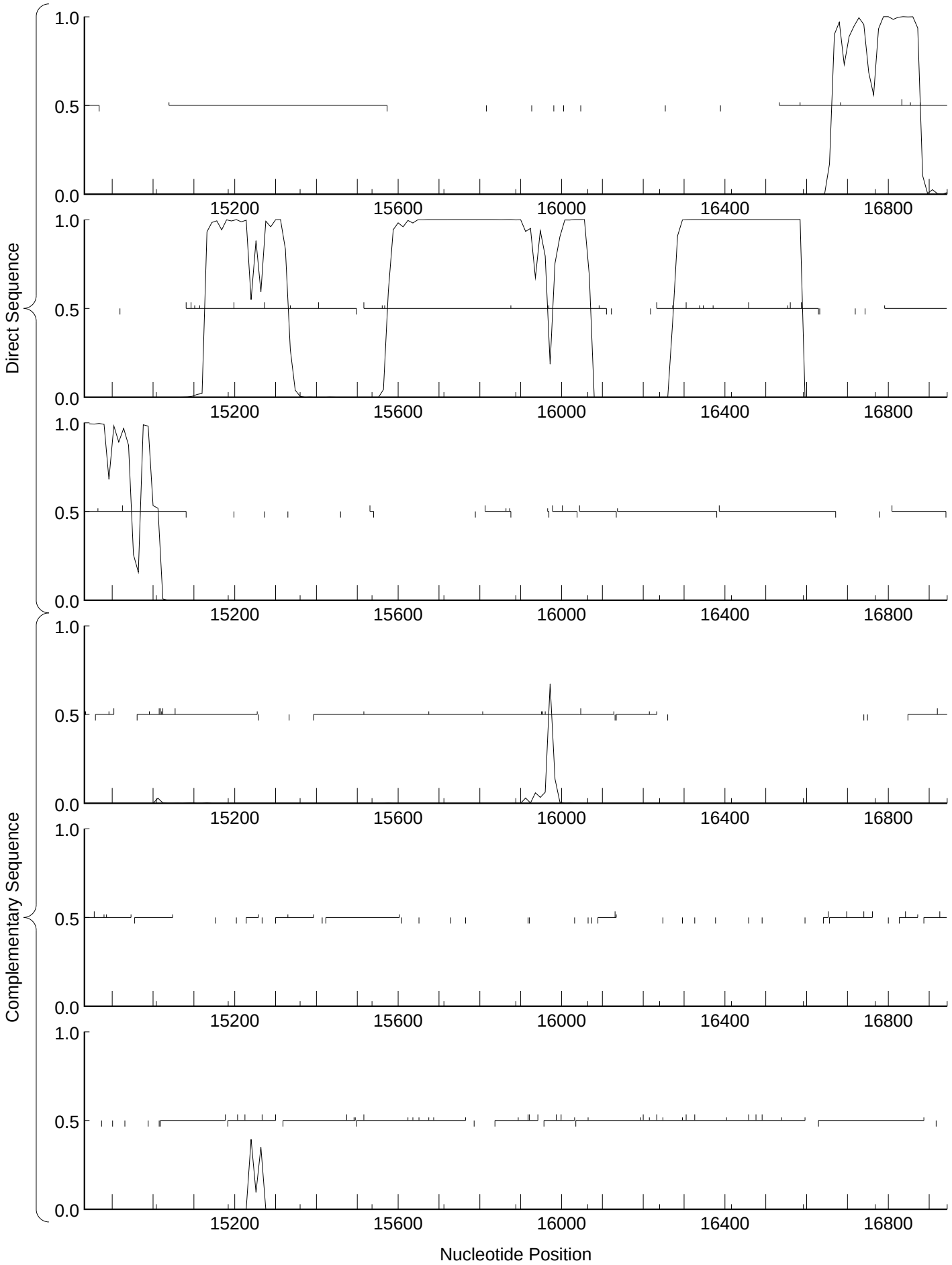
on complete sequence, 52975 bp including 10-base 3’ overhang (CGGTCGGTTA), Cluster A9, Order 4, Window 96, Step 12, 5/27



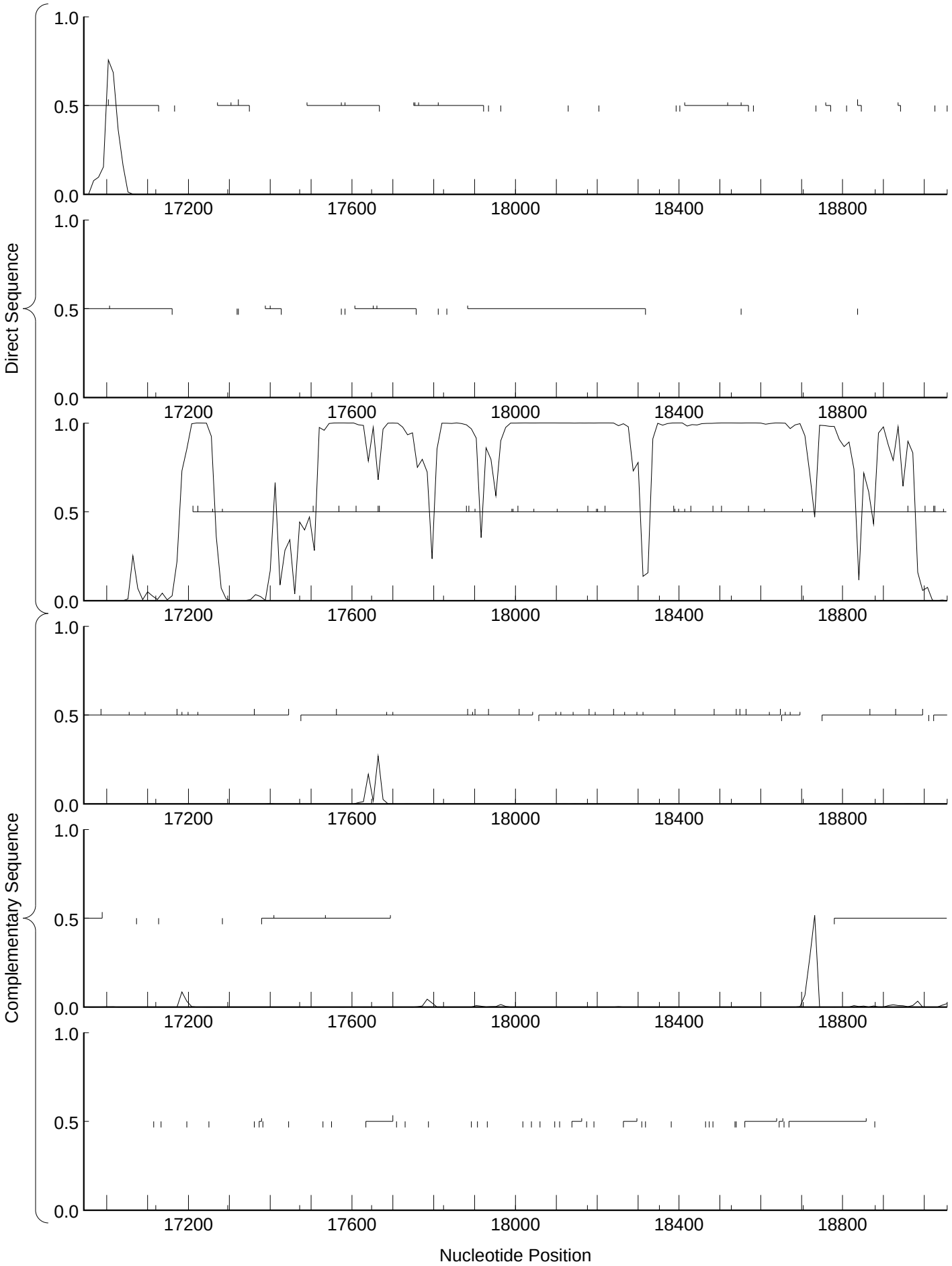

Direct Sequence
Complementary Sequence
1.0
0.5
0.0
8800
9200
9600
10000
10400
Nucleotide Position


Direct Sequence
Complementary Sequence
1.0
0.5
0.0
10800
11200
11600
12000
12400
Nucleotide Position

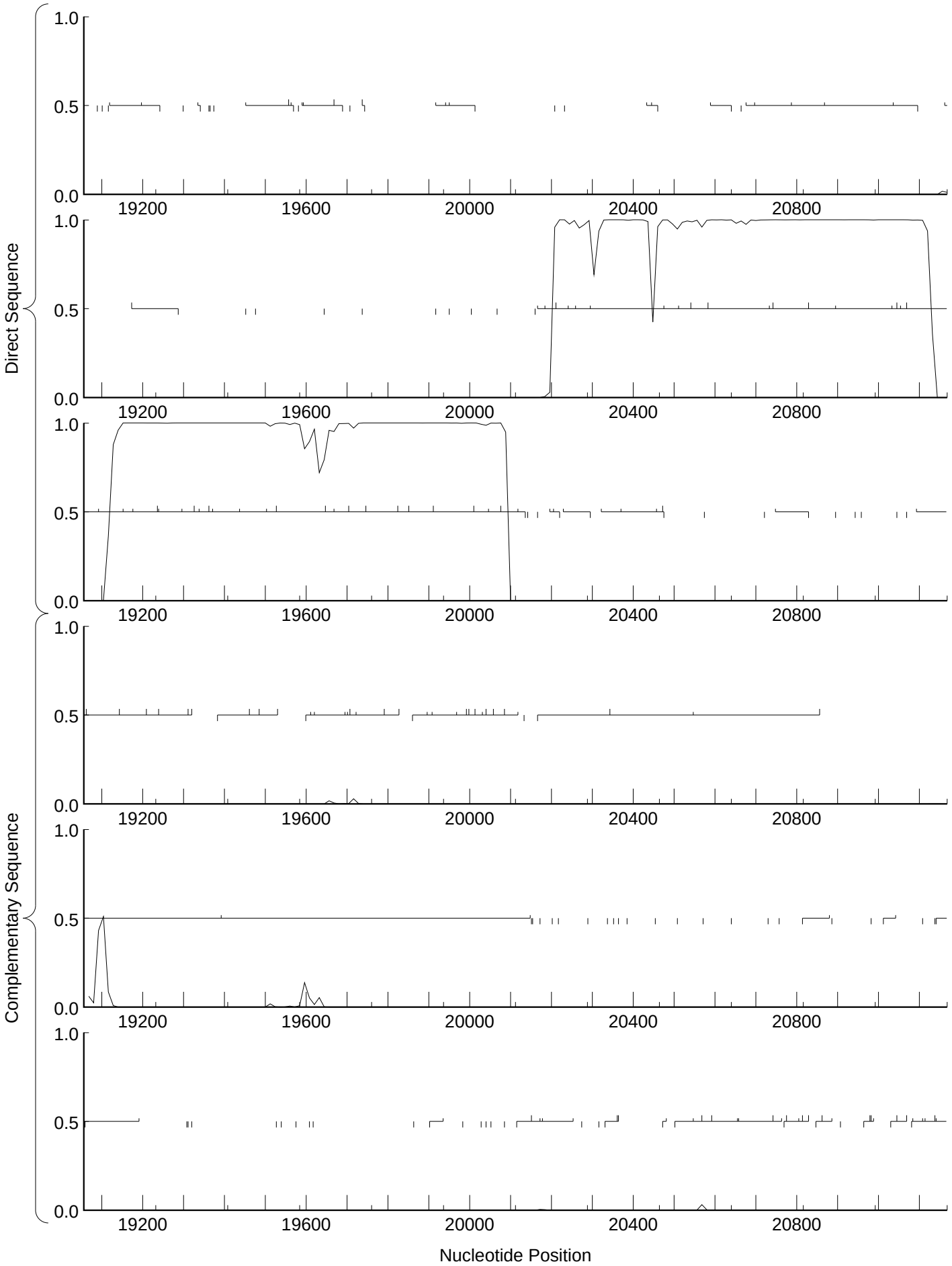

Direct Sequence
Complementary Sequence
1.0
0.5
0.0
12800
13200
13600
14000
14400
14800
Nucleotide Position


Direct Sequence
Complementary Sequence
1.0
0.5
0.0
15200
15600
16000
16400
16800
Nucleotide Position

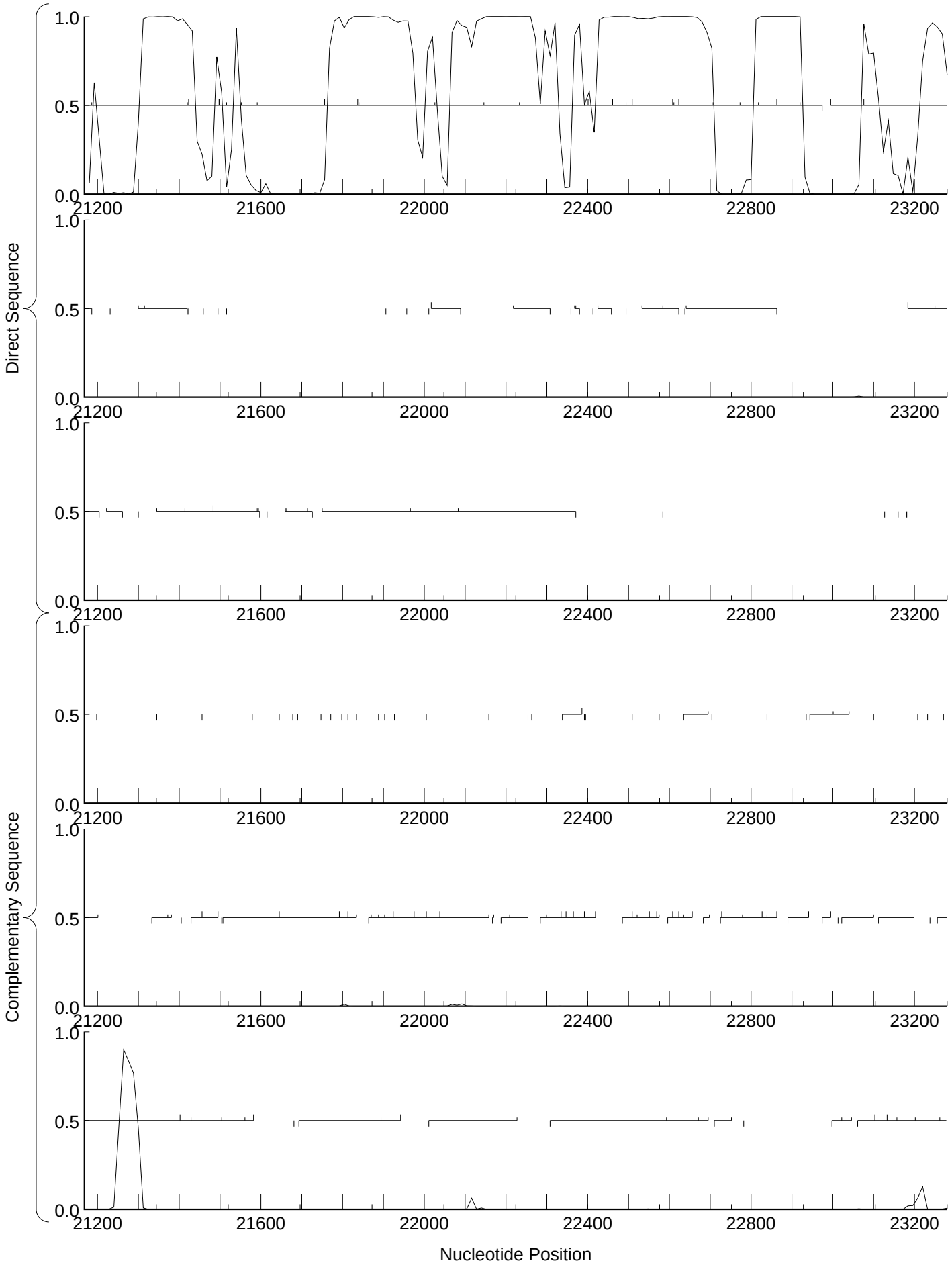
n complete sequence, 52975 bp including 10-base 3’ overhang (CGGTCGGTTA), Cluster A9, Order 4, Window 96, Step 12, 10/27



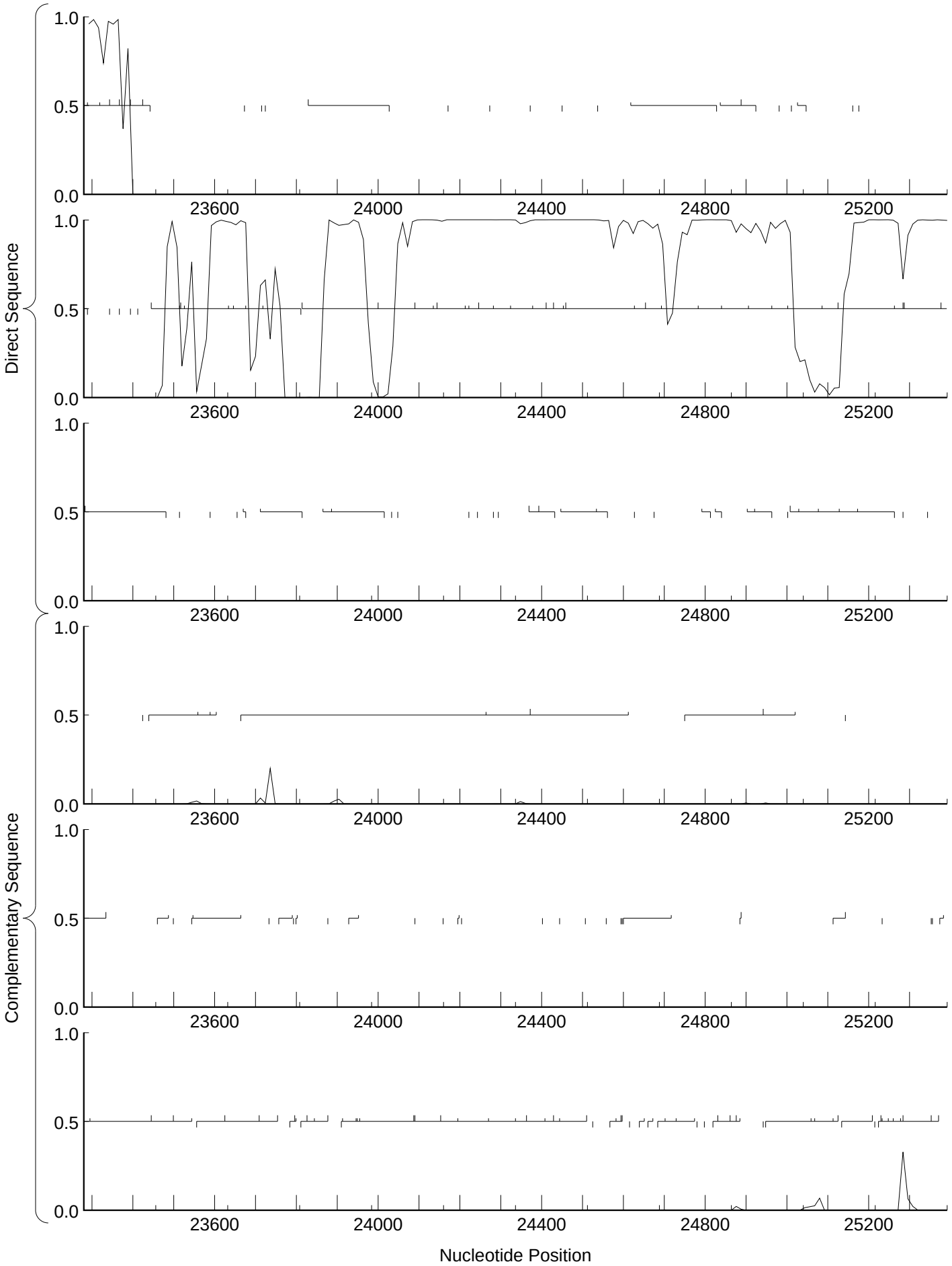
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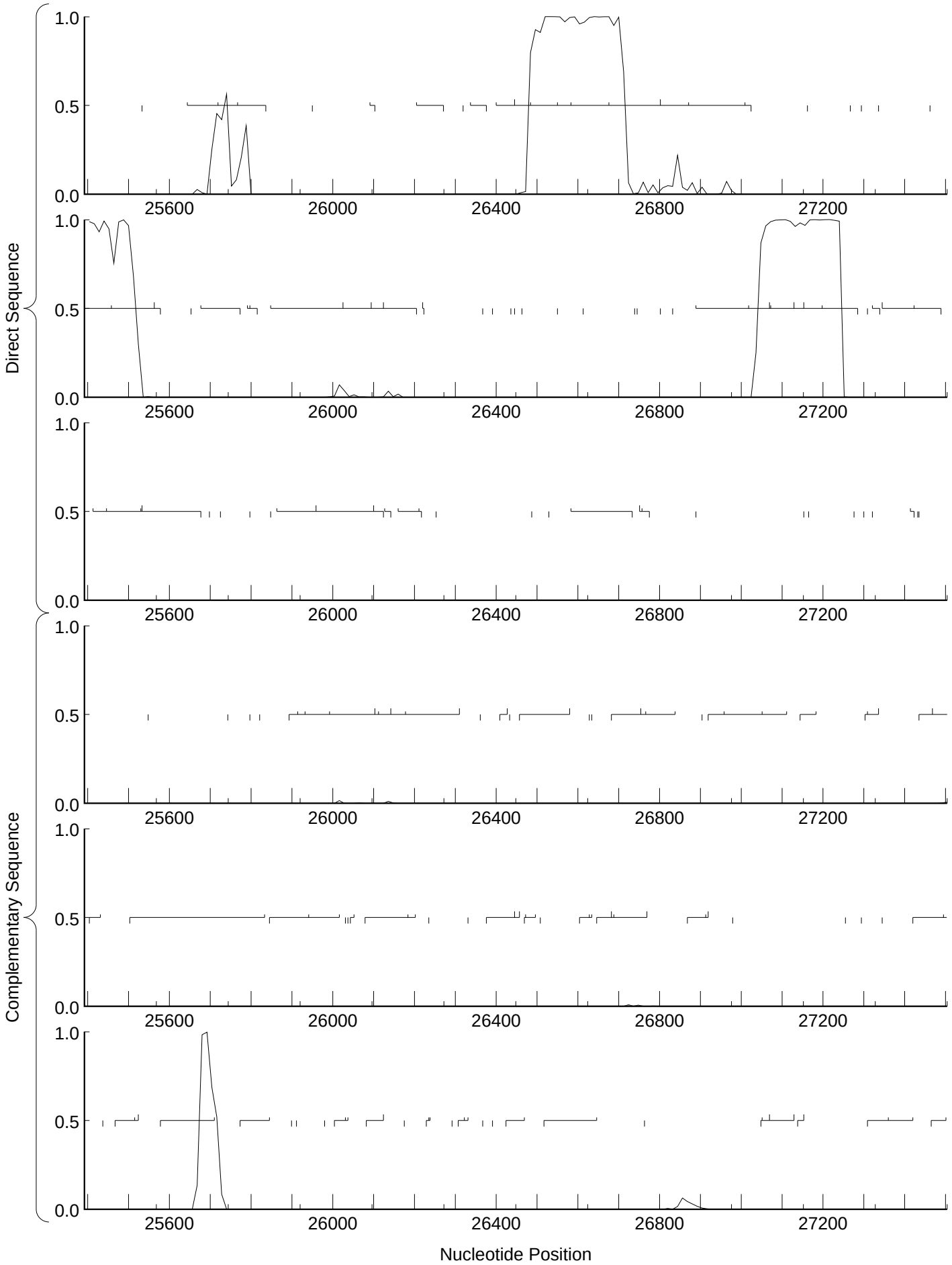
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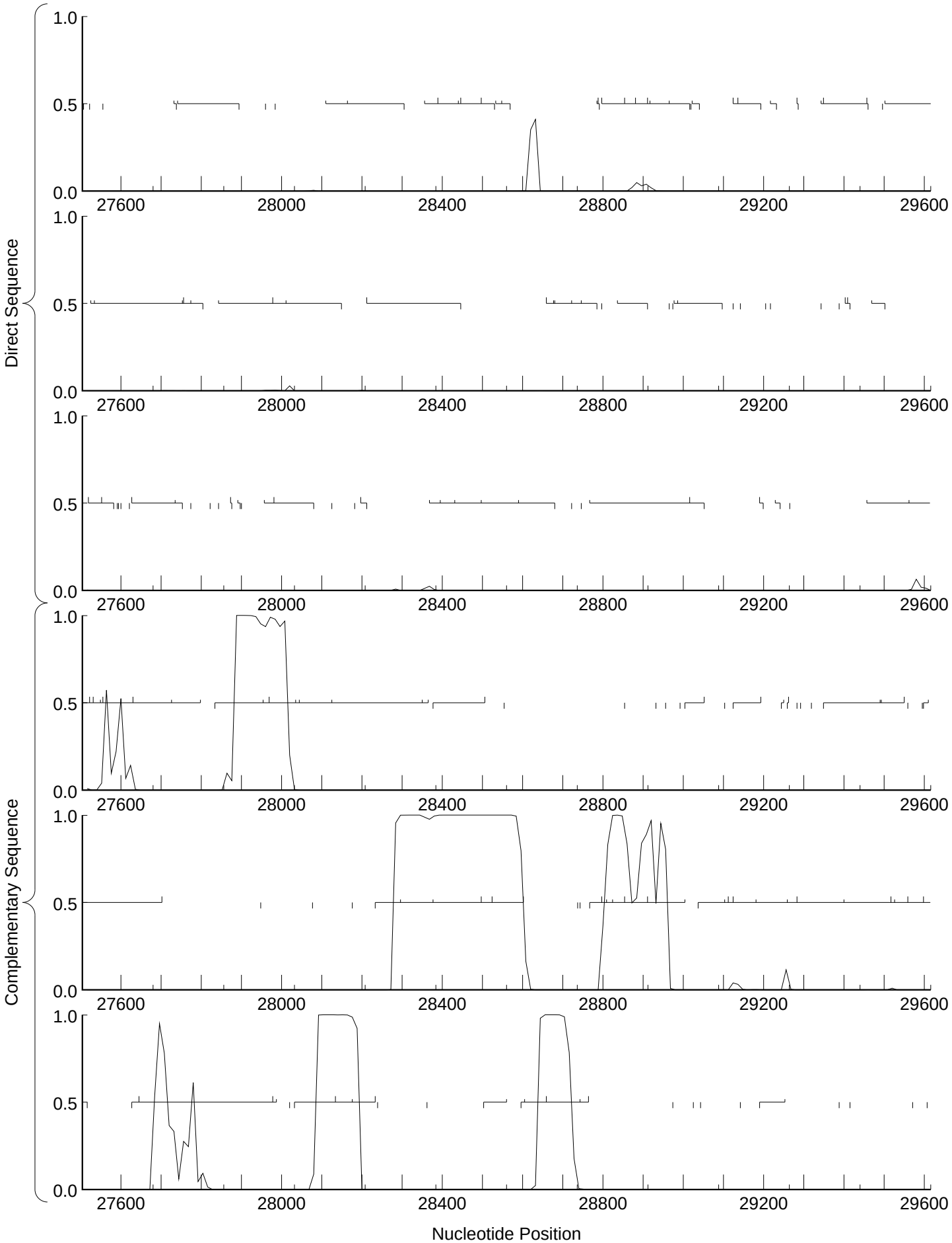
n complete sequence, 52975 bp including 10-base 3' overhang (CGGTCGGTTA), Cluster A9, Order 4, Window 96, Step 12, 13/27

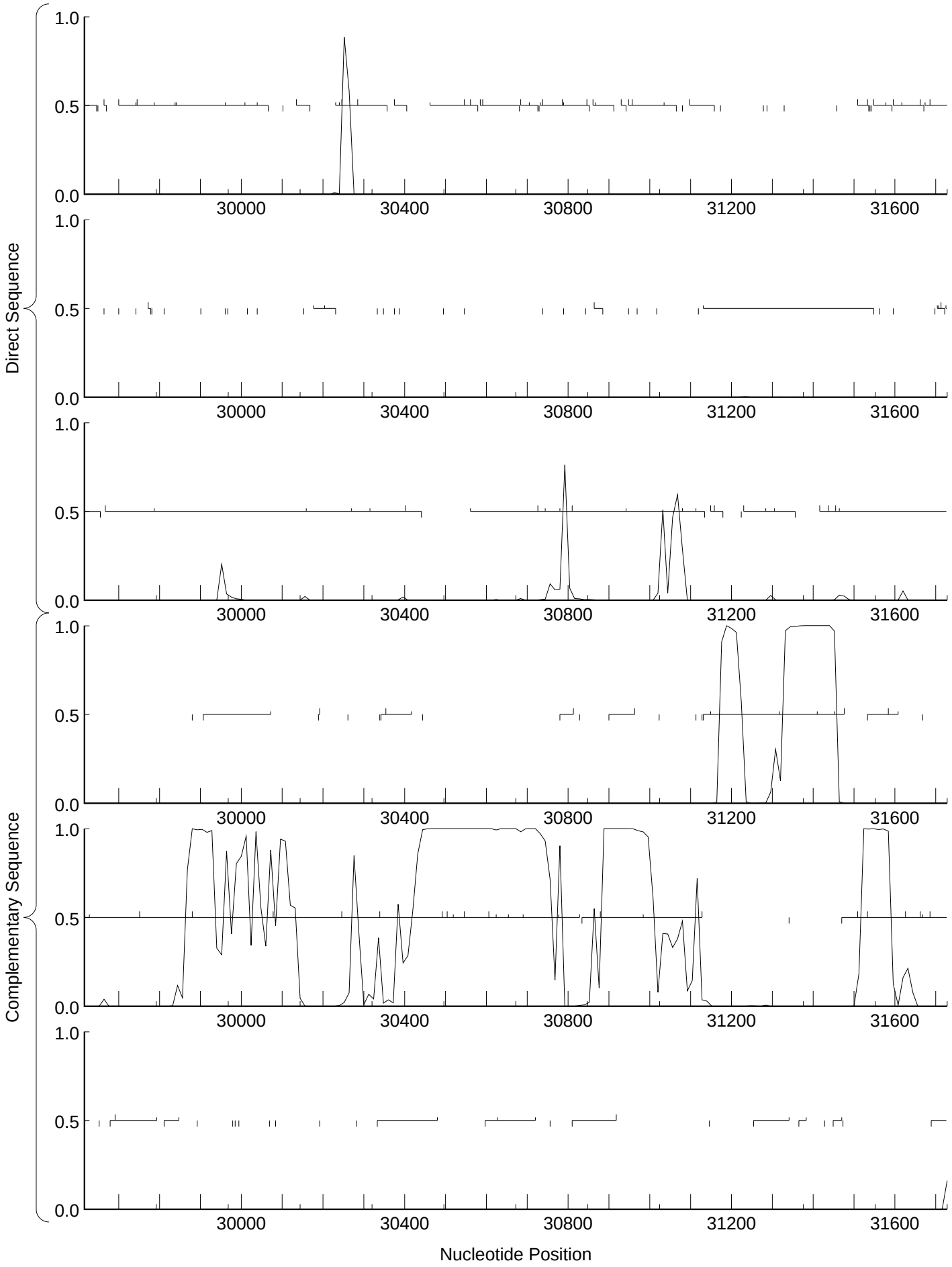


n complete sequence, 52975 bp including 10-base 3’ overhang (CGGTCGGTTA), Cluster A9, Order 4, Window 96, Step 12, 14/27

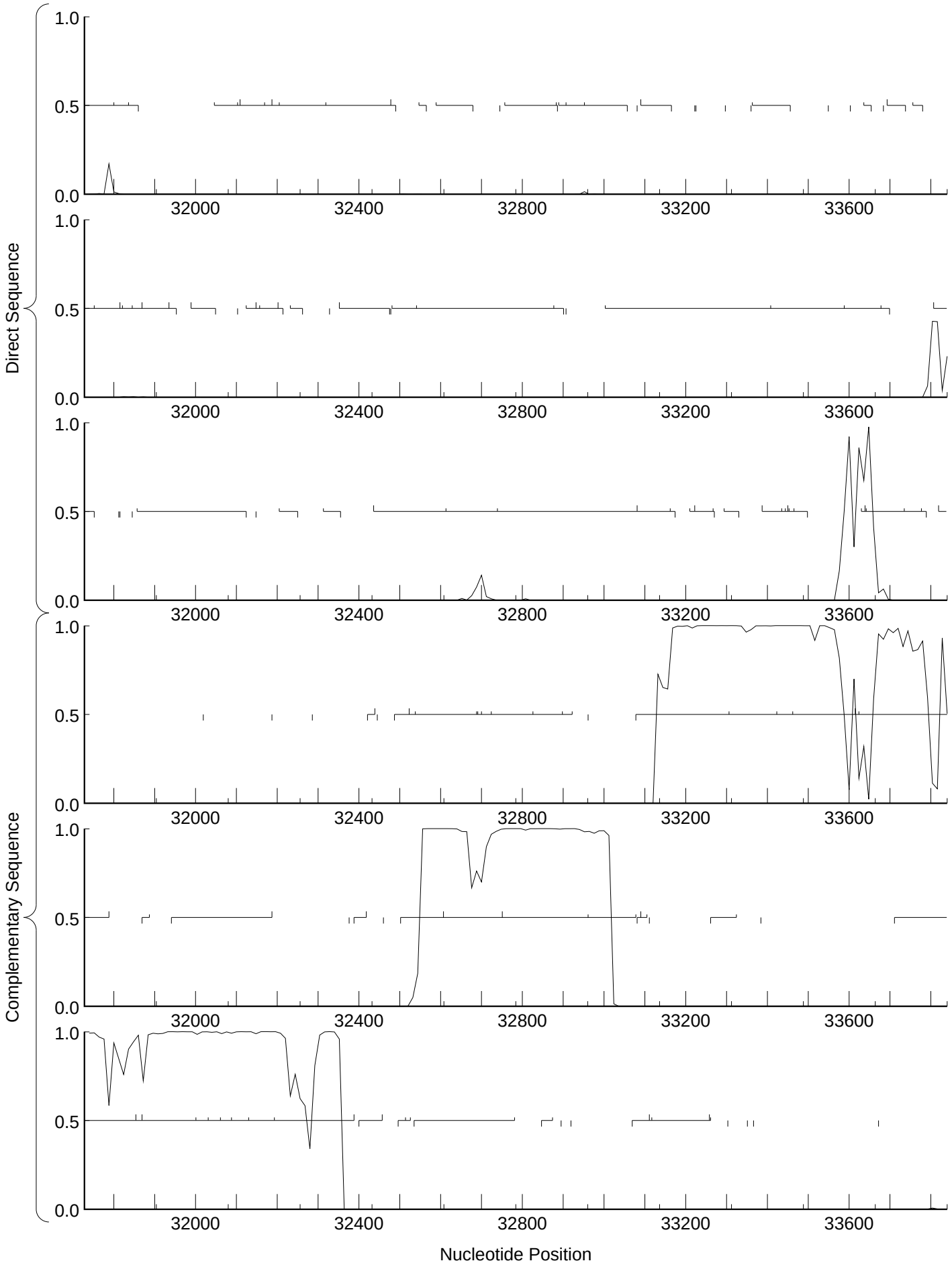


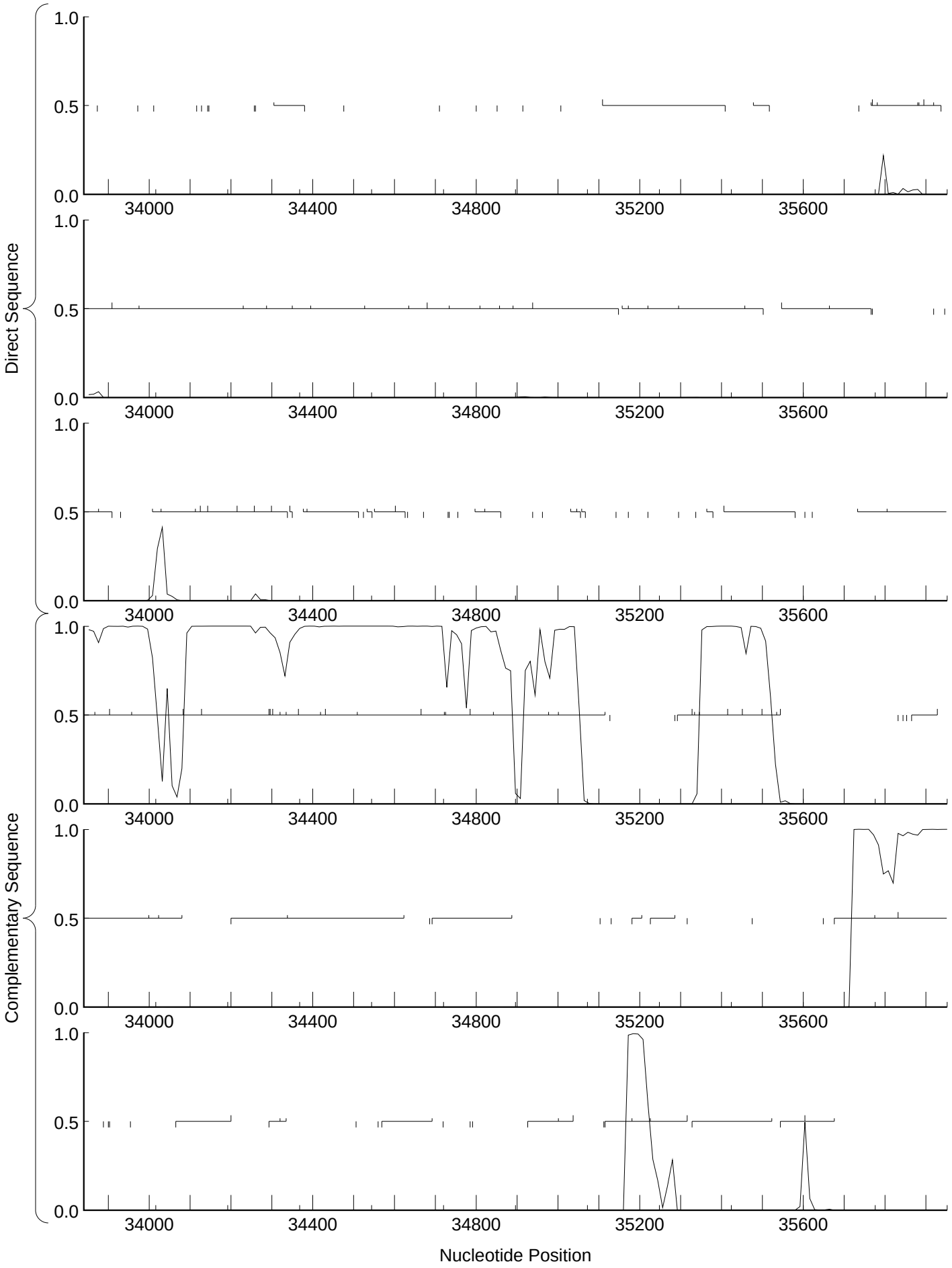
n complete sequence, 52975 bp including 10-base 3' overhang (CGGTCGGTTA), Cluster A9, Order 4, Window 96, Step 12, 15/27



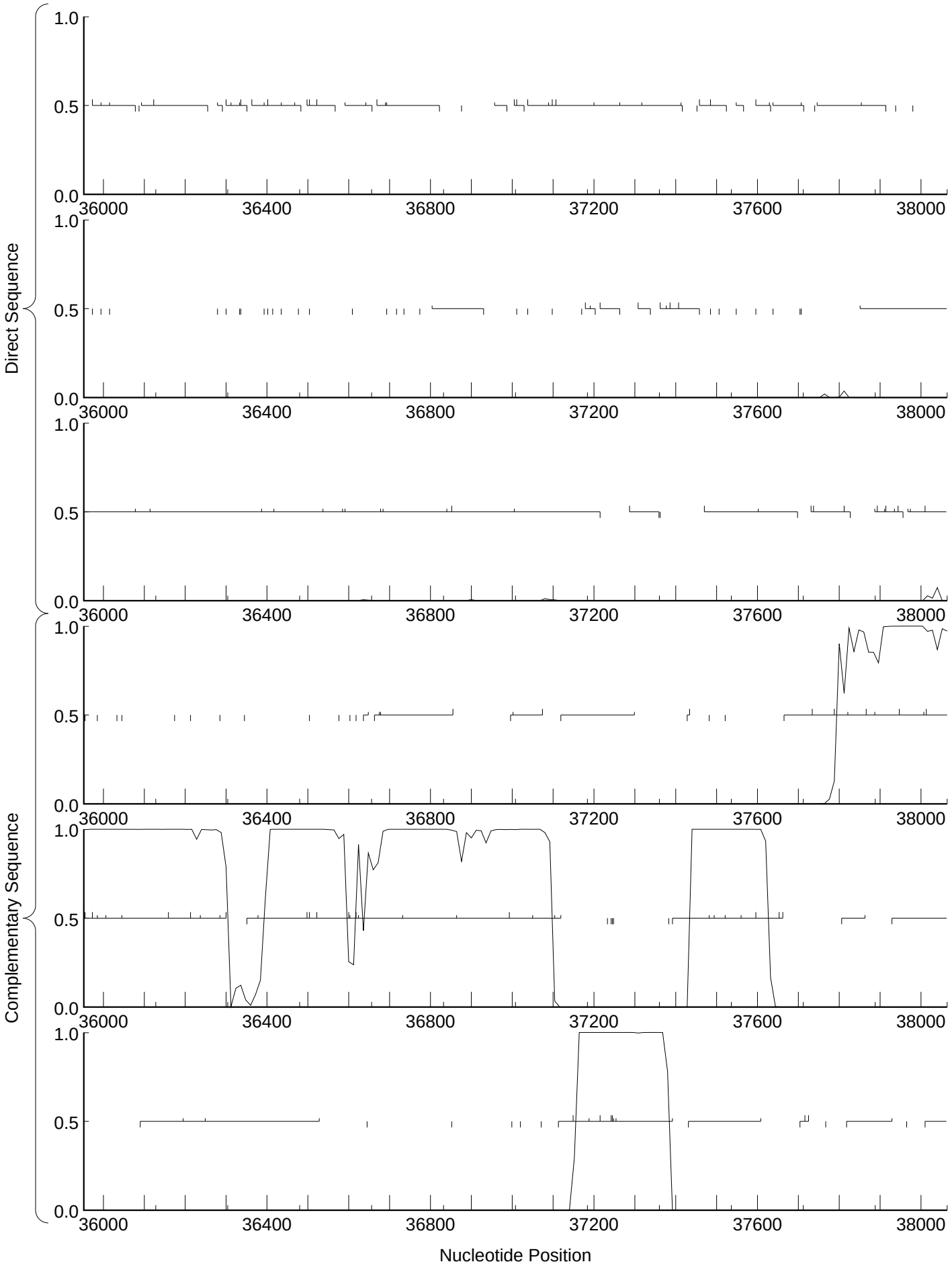

Direct Sequence
Complementary Sequence
1.0
0.5
0.0
30000
30400
30800
31200
31600
Nucleotide Position

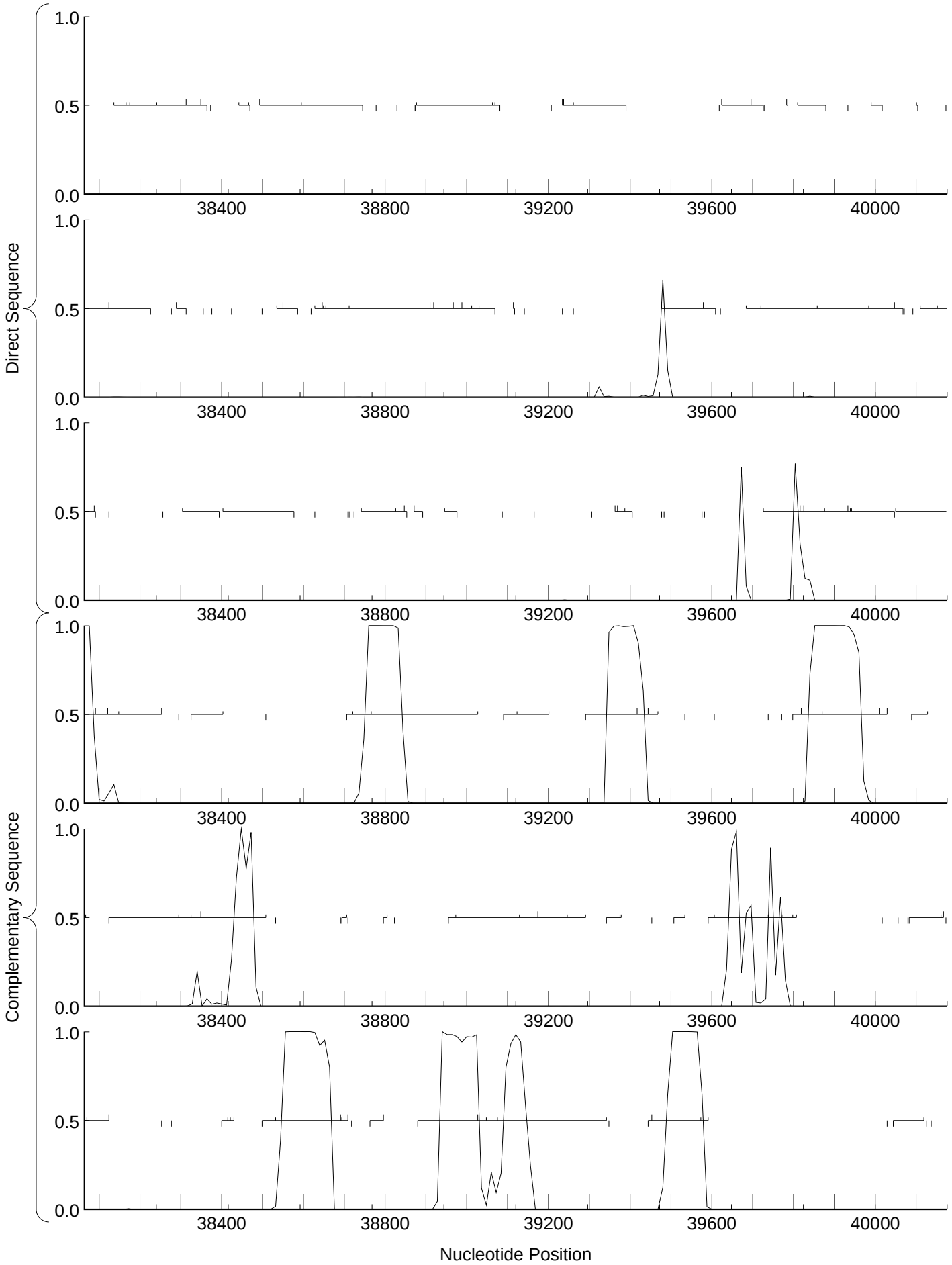
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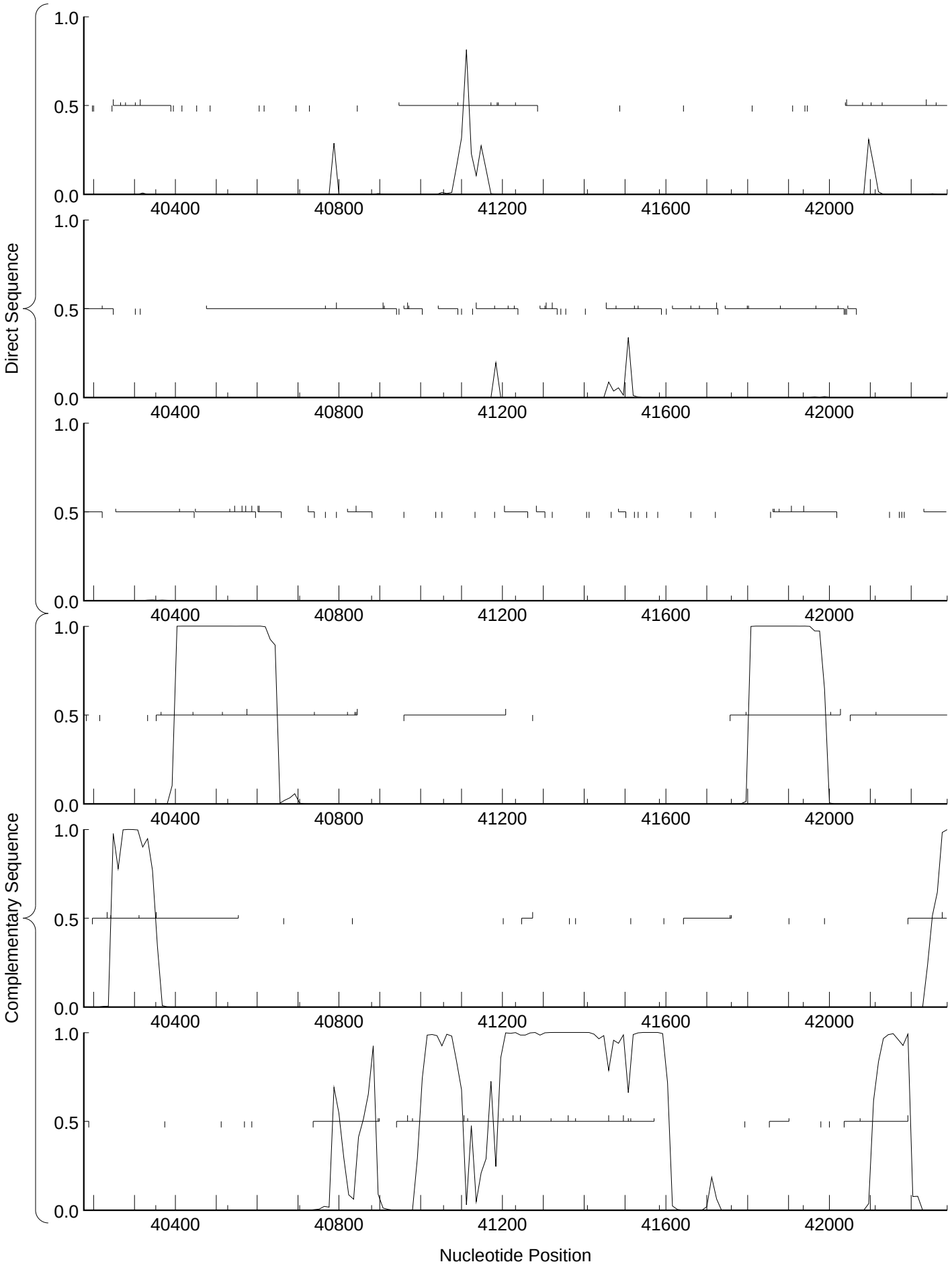

Direct Sequence
Complementary Sequence
1.0
0.5
0.0
34000
34400
34800
35200
35600
Nucleotide Position

n complete sequence, 52975 bp including 10-base 3' overhang (CGGTCGGTTA), Cluster A9, Order 4, Window 96, Step 12, 19/27

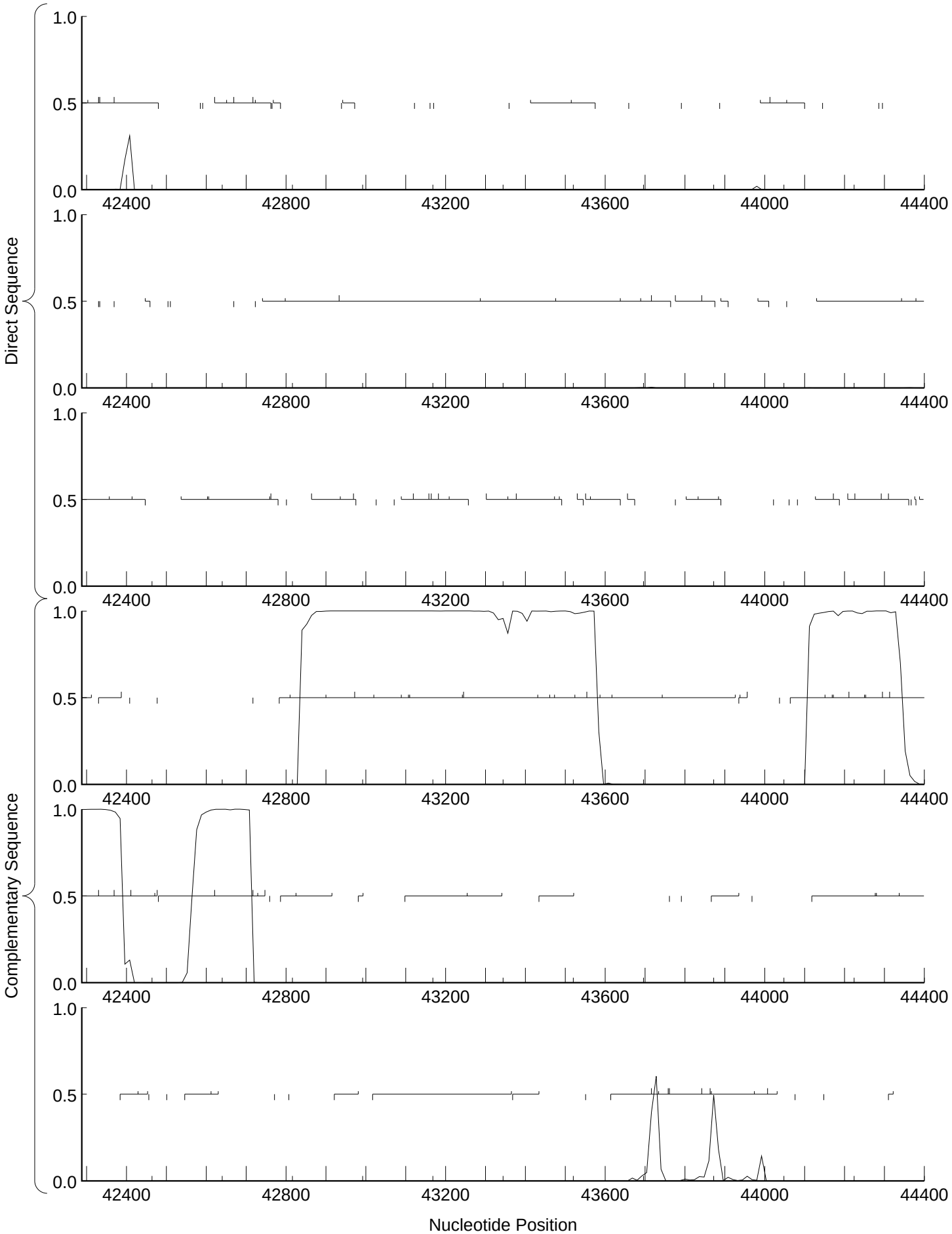


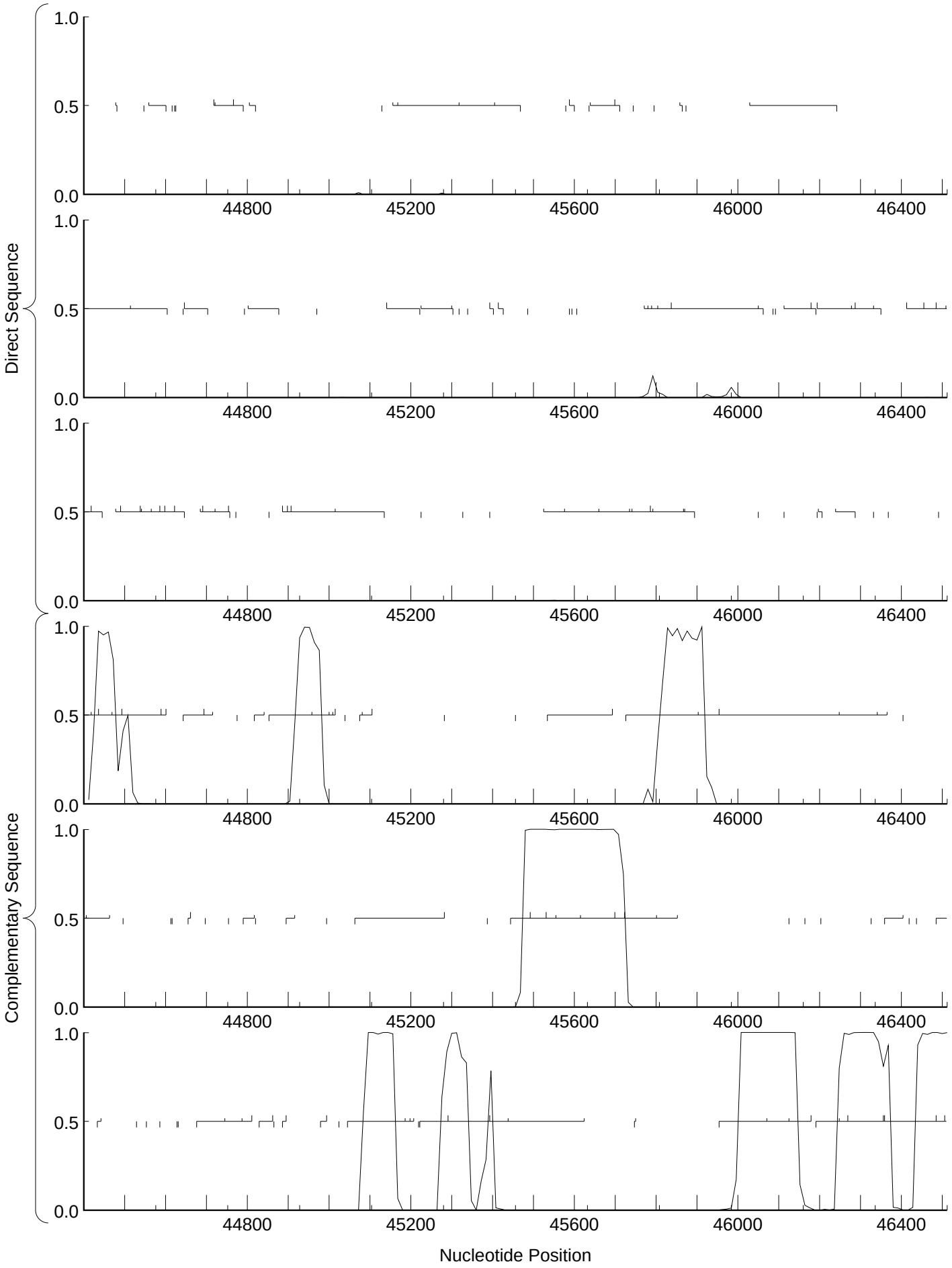

Direct Sequence
Complementary Sequence
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0.5
0.0
38400
38800
39200
39600
40000
Nucleotide Position

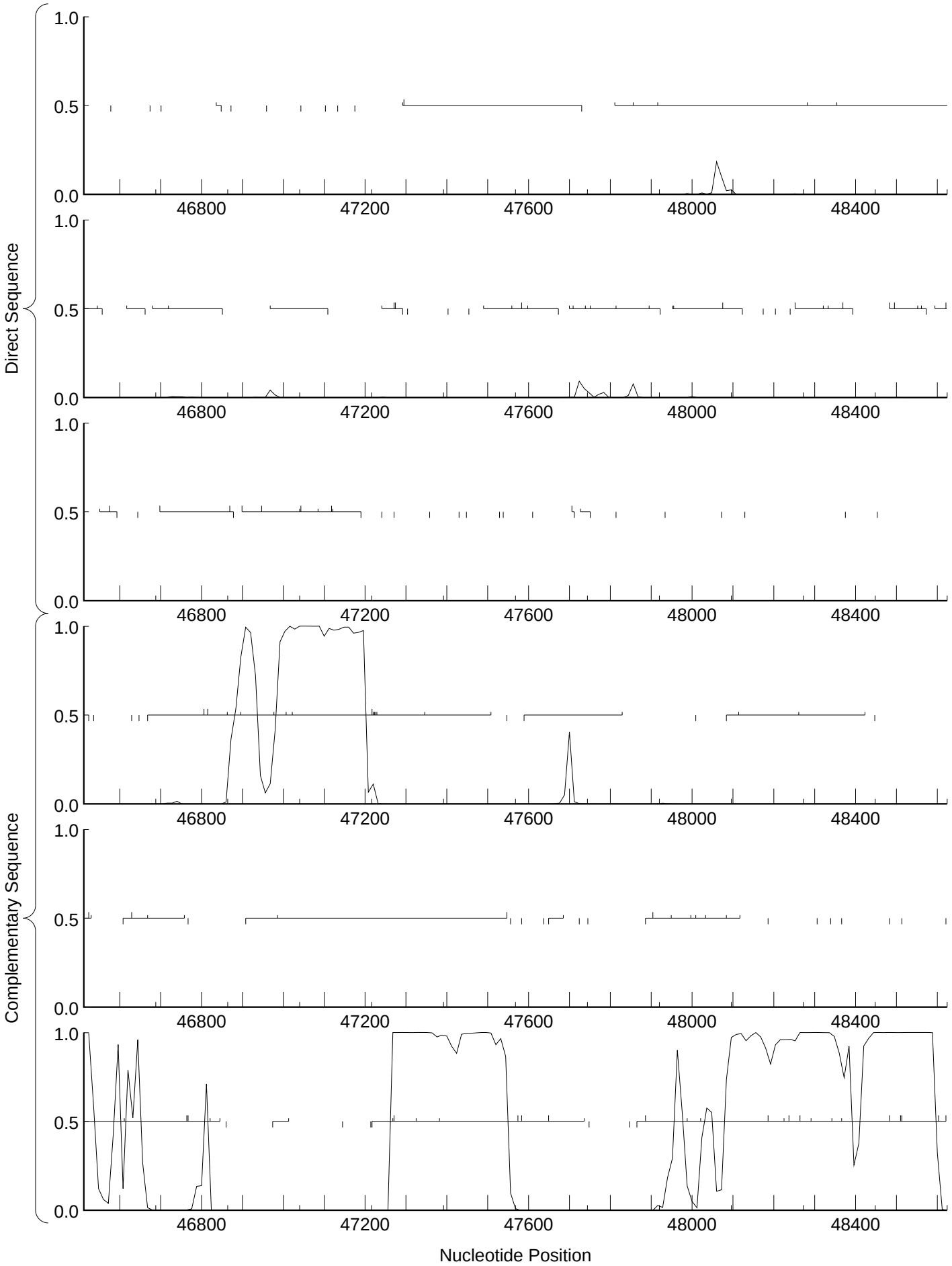
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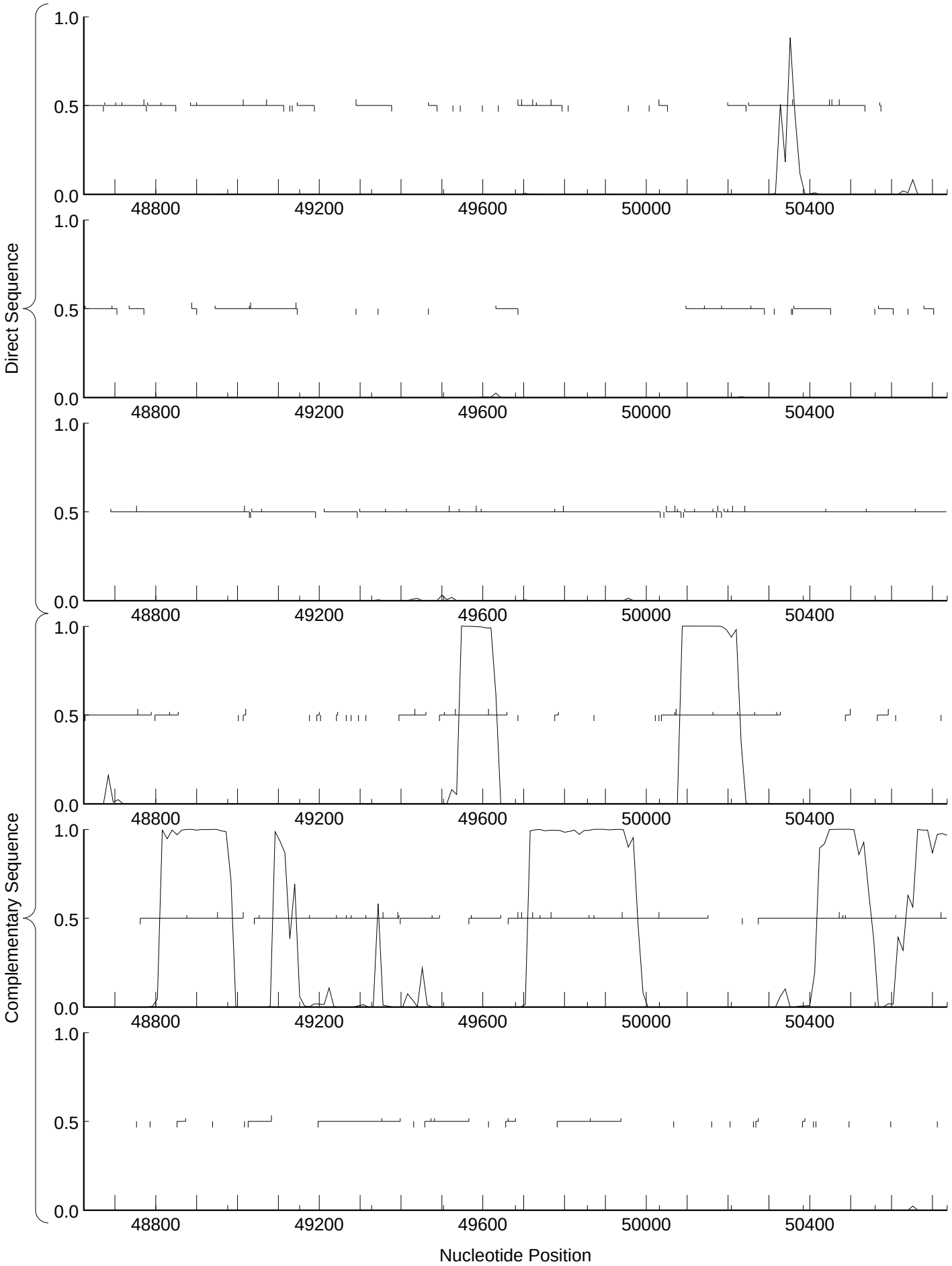
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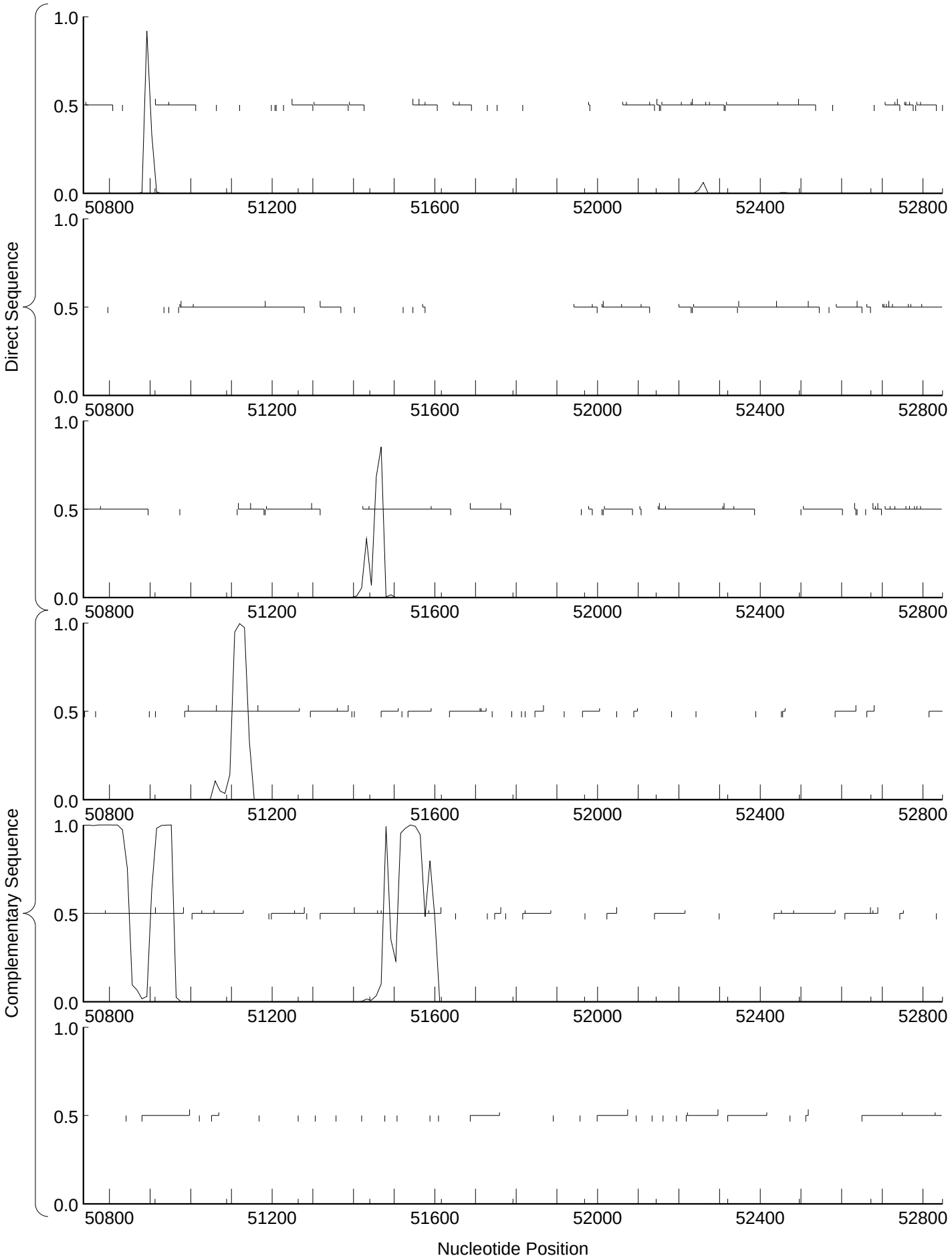



Direct Sequence
Complementary Sequence
1.0
0.5
0.0
44800
45200
45600
46000
46400
Nucleotide Position


Direct Sequence
Complementary Sequence
1.0
0.5
0.0
46800
47200
47600
48000
48400
Nucleotide Position

n complete sequence, 52975 bp including 10-base 3’ overhang (CGGTCGGTTA), Cluster A9, Order 4, Window 96, Step 12, 25/27




Direct Sequence
Complementary Sequence
1.0
0.5
0.0
50800
51200
51600
52000
52400
52800
Nucleotide Position

n complete sequence, 52975 bp including 10-base 3’ overhang (CGGTCGGTTA), Cluster A9, Order 4, Window 96, Step 12, 27/27

