GeneMark

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

PROGRAM INFORMATION

```
Sequence         :  Mycobacterium phage Nicole21 complete sequence, 68628 bp, circularly permuted, Cluster B1
Analysis Date    :  3/28/24 at 6:45:41
Pages            :  34
Sequence Length  :  68628 bp
GC Content       :   66.47%

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

PS-Version       :  1.2

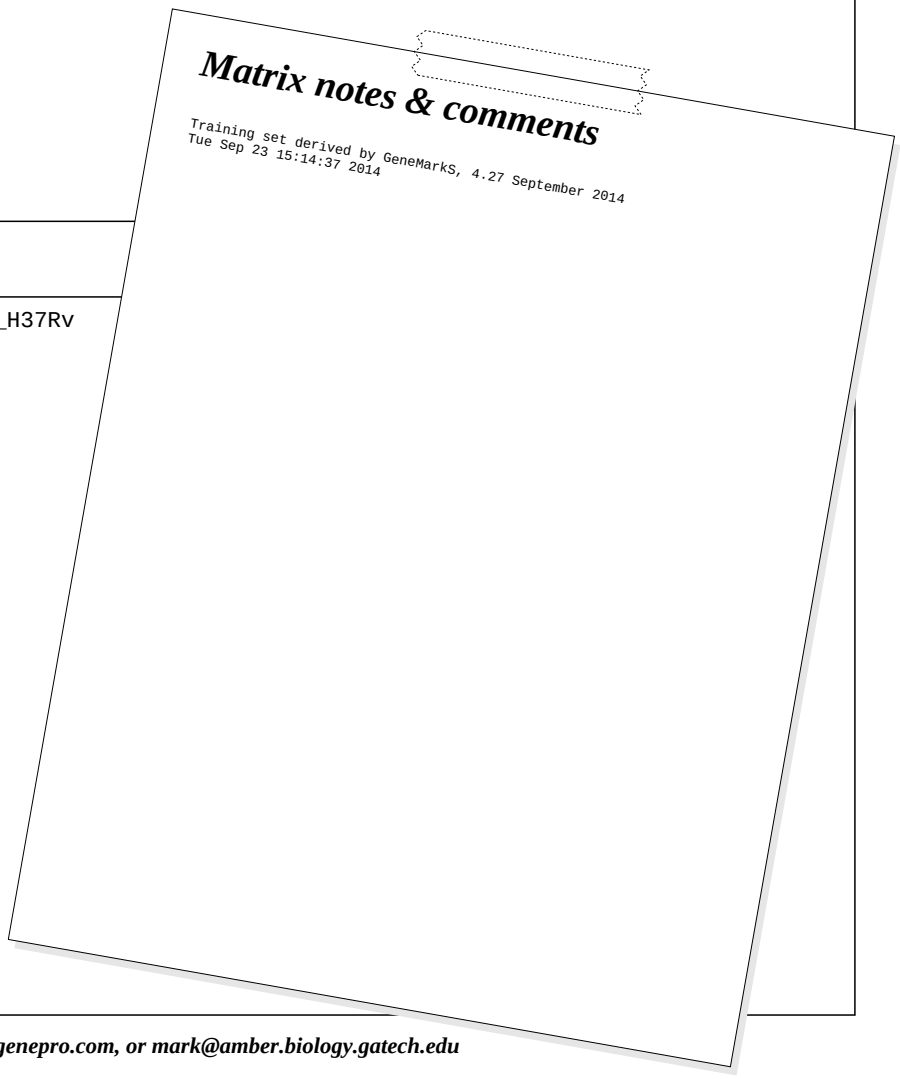
GeneMark Options :  PostScript graph,
                    Mark ORFs / splice sites,
                    List ORFs,
                    List regions and/or splice sites,
```

MATRIX INFORMATION

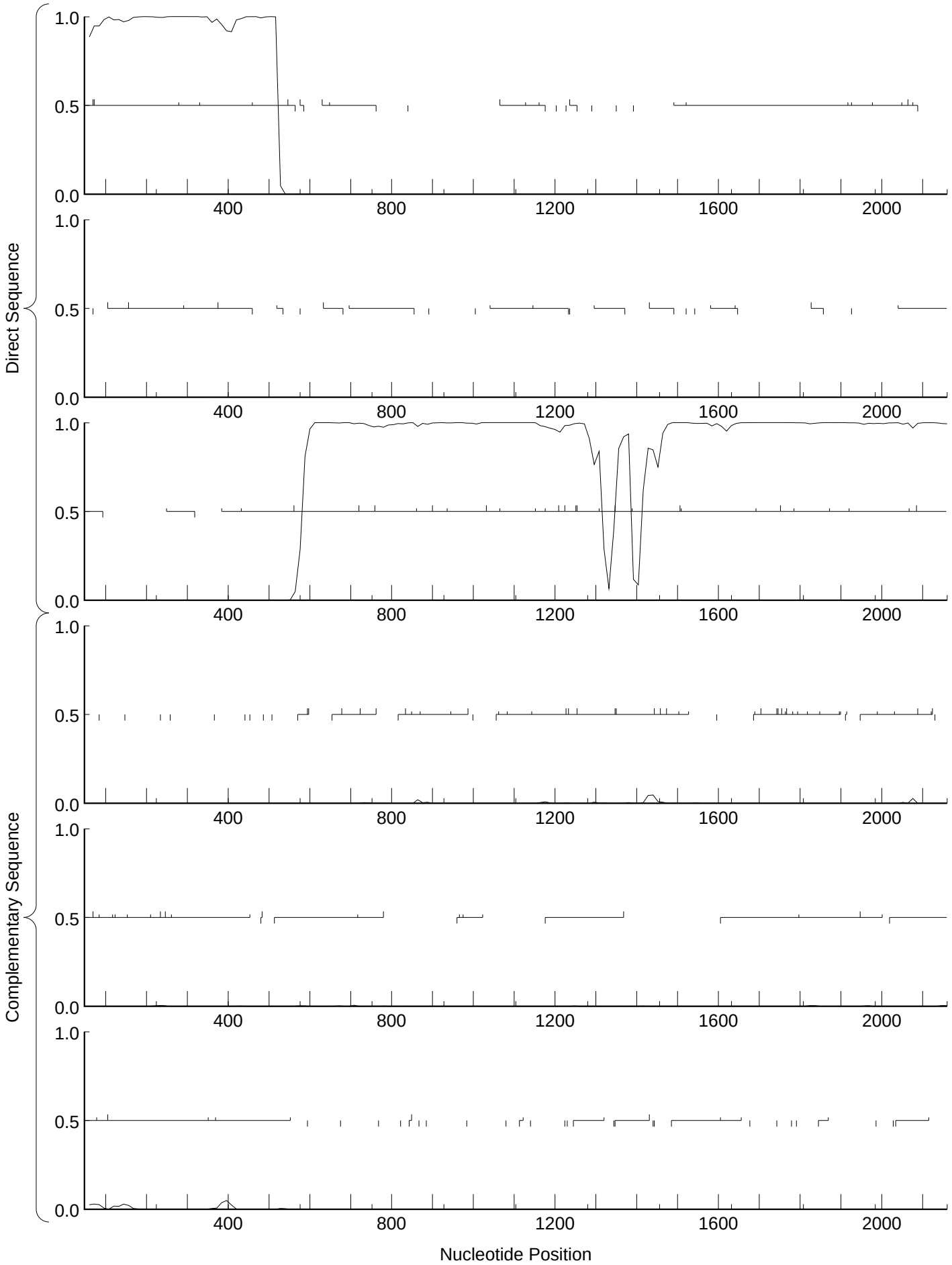
```
Matrix     :  Mycobacterium_tuberculosis_H37Rv
Author     :  -

Order      :  4

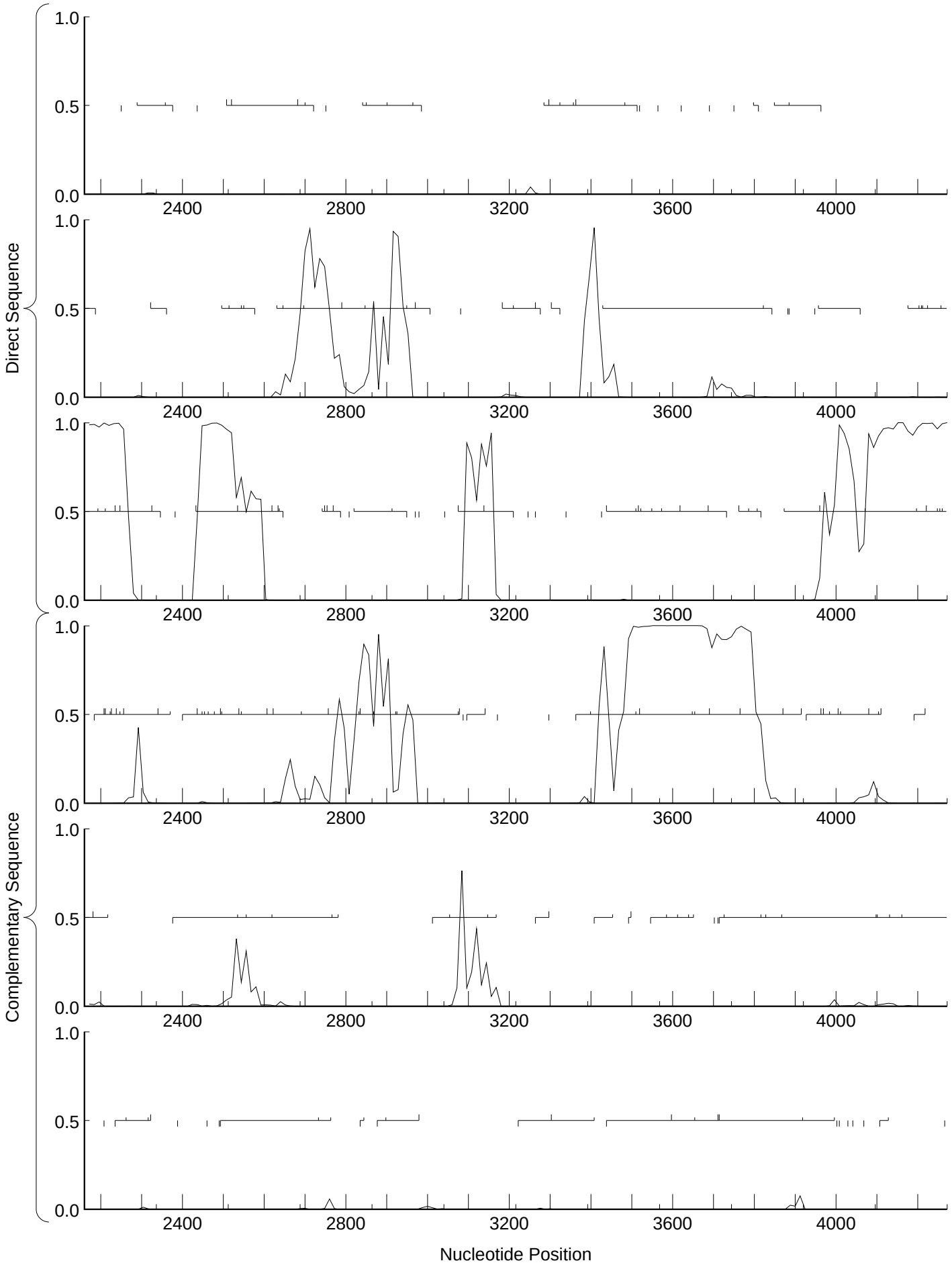

  Send questions / comments to:
      Dr. M. Borodovsky
      Georgia Institute of Technology
      School of Biology
      Atlanta, GA  30332-0230
```



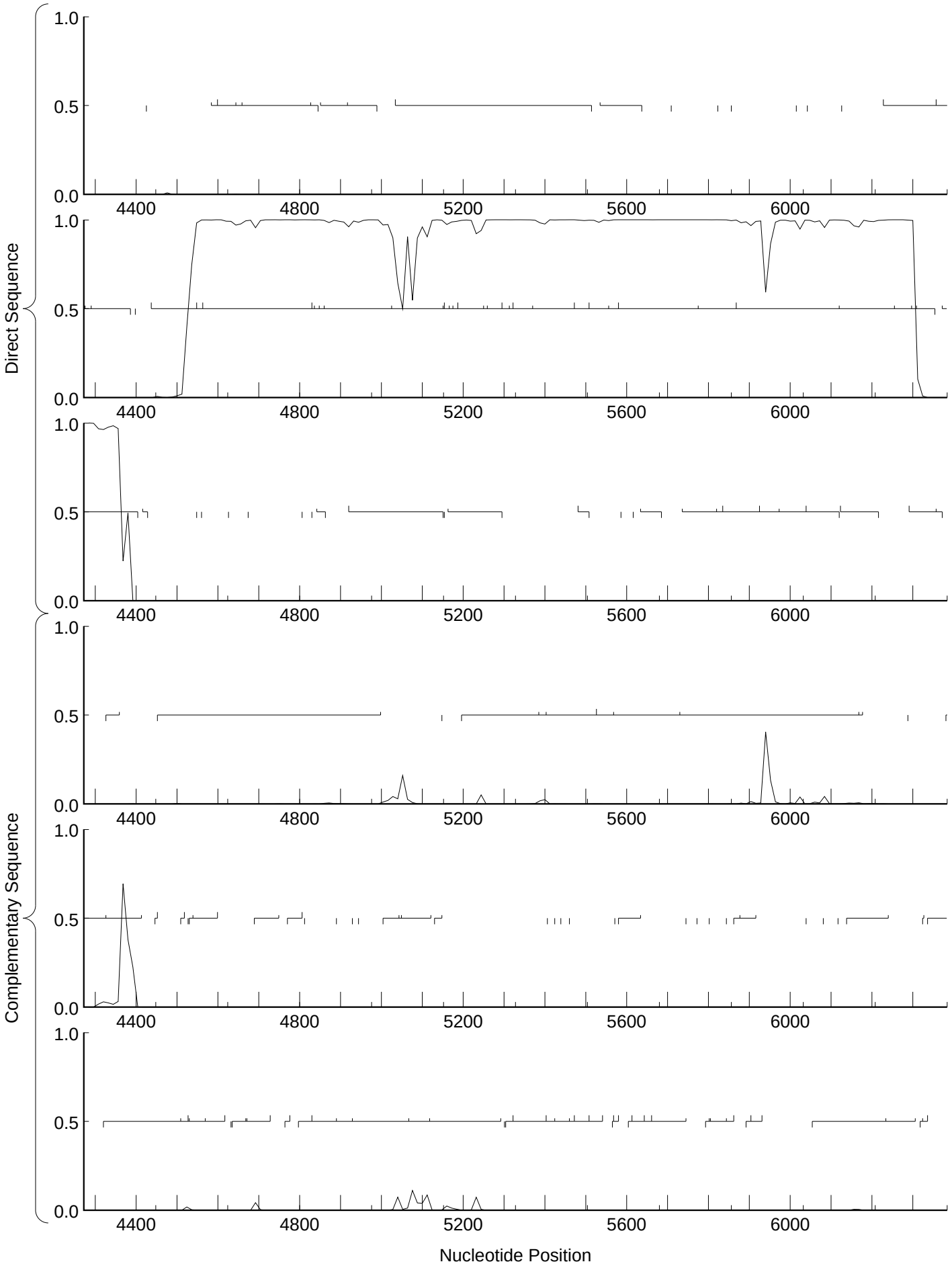
For help or information, send electronic mail to: custserv@genepro.com, or mark@amber.biology.gatech.edu


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

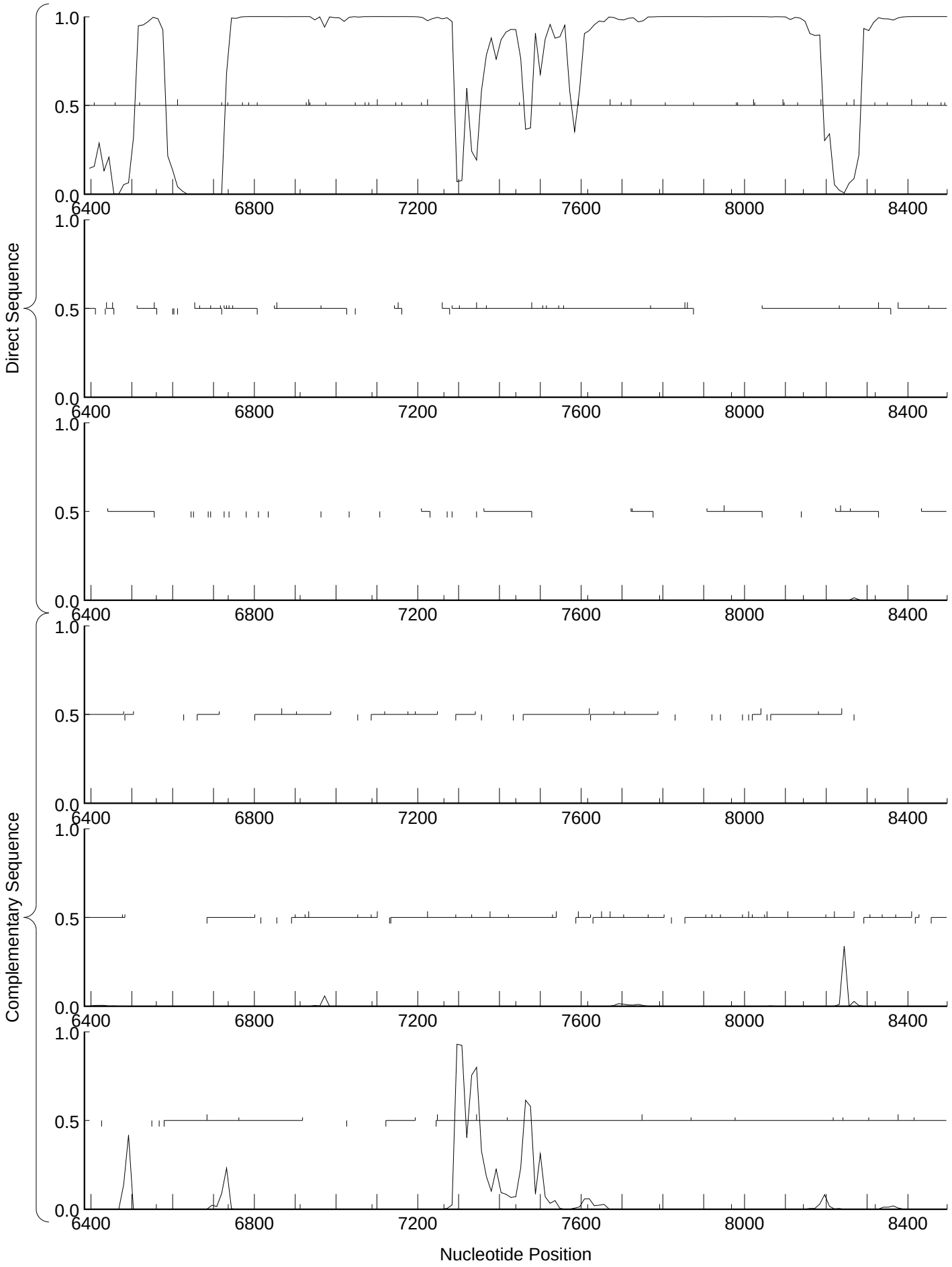
Mycobacterium phage Nicole21 complete sequence, 68628 bp, circularly permuted, Cluster B1, Order 4, Window 96, Step 12, 3/34



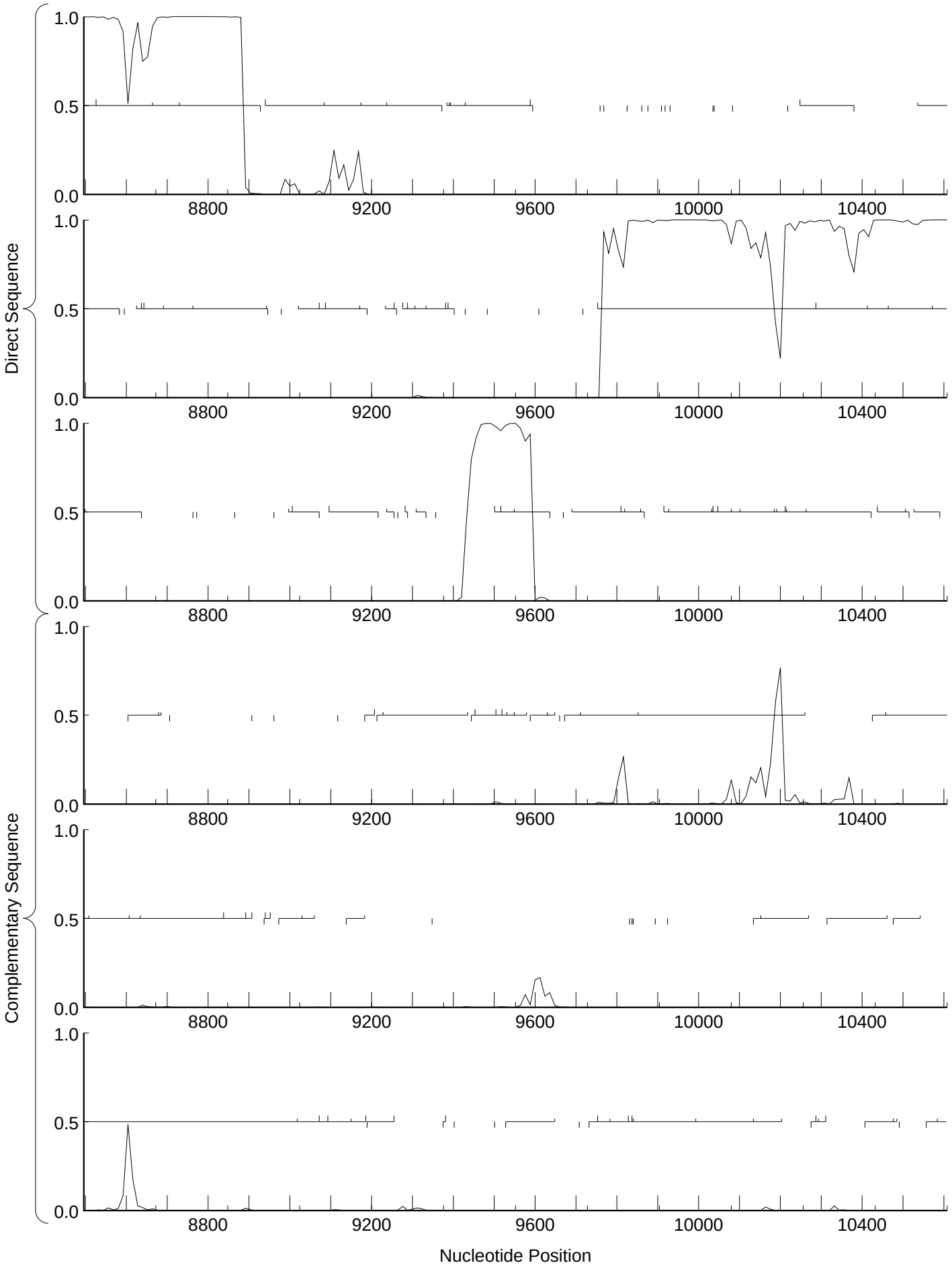
Mycobacterium phage Nicole21 complete sequence, 68628 bp, circularly permuted, Cluster B1, Order 4, Window 96, Step 12, 4/34

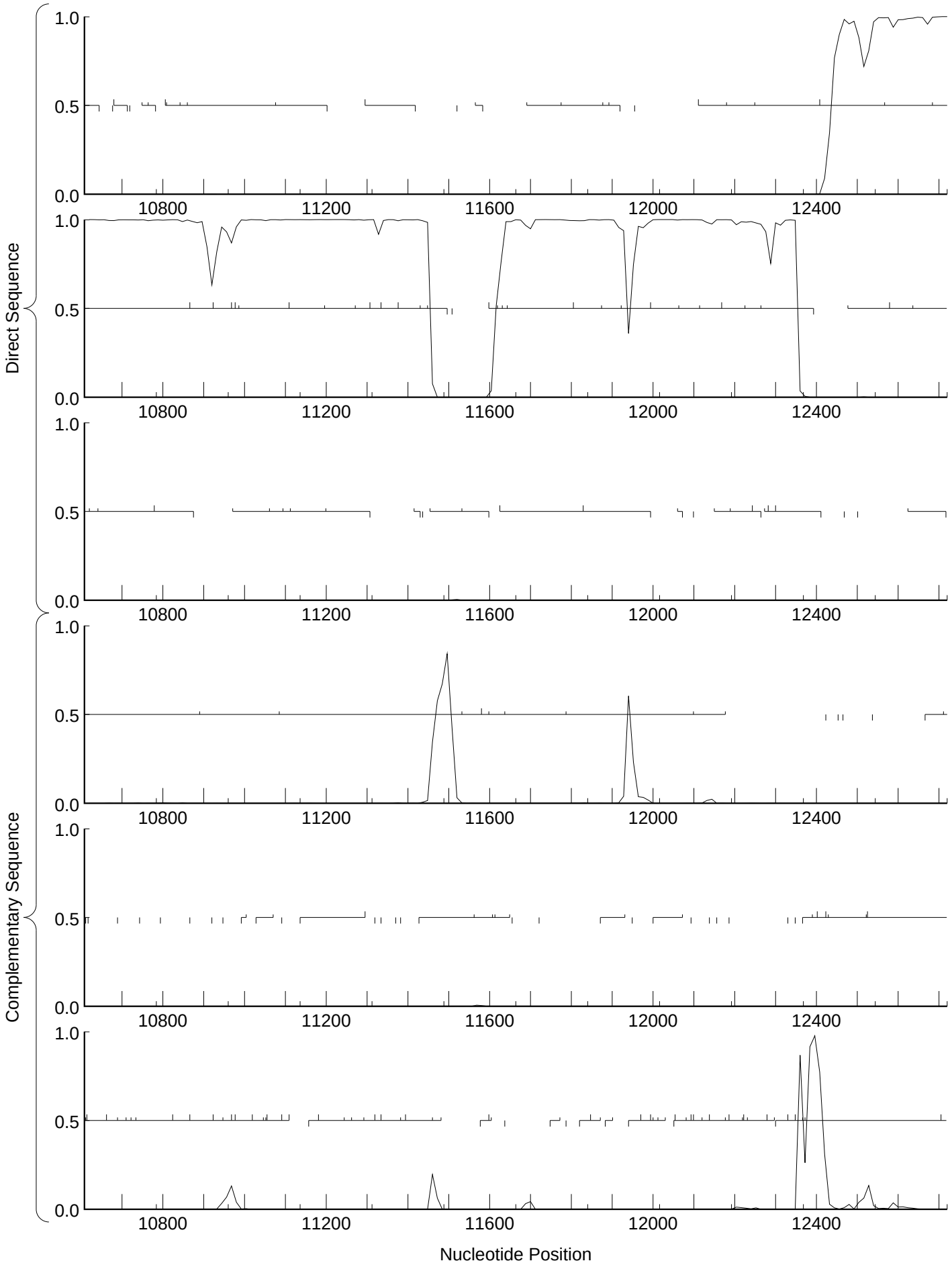


Mycobacterium phage Nicole21 complete sequence, 68628 bp, circularly permuted, Cluster B1, Order 4, Window 96, Step 12, 5/34

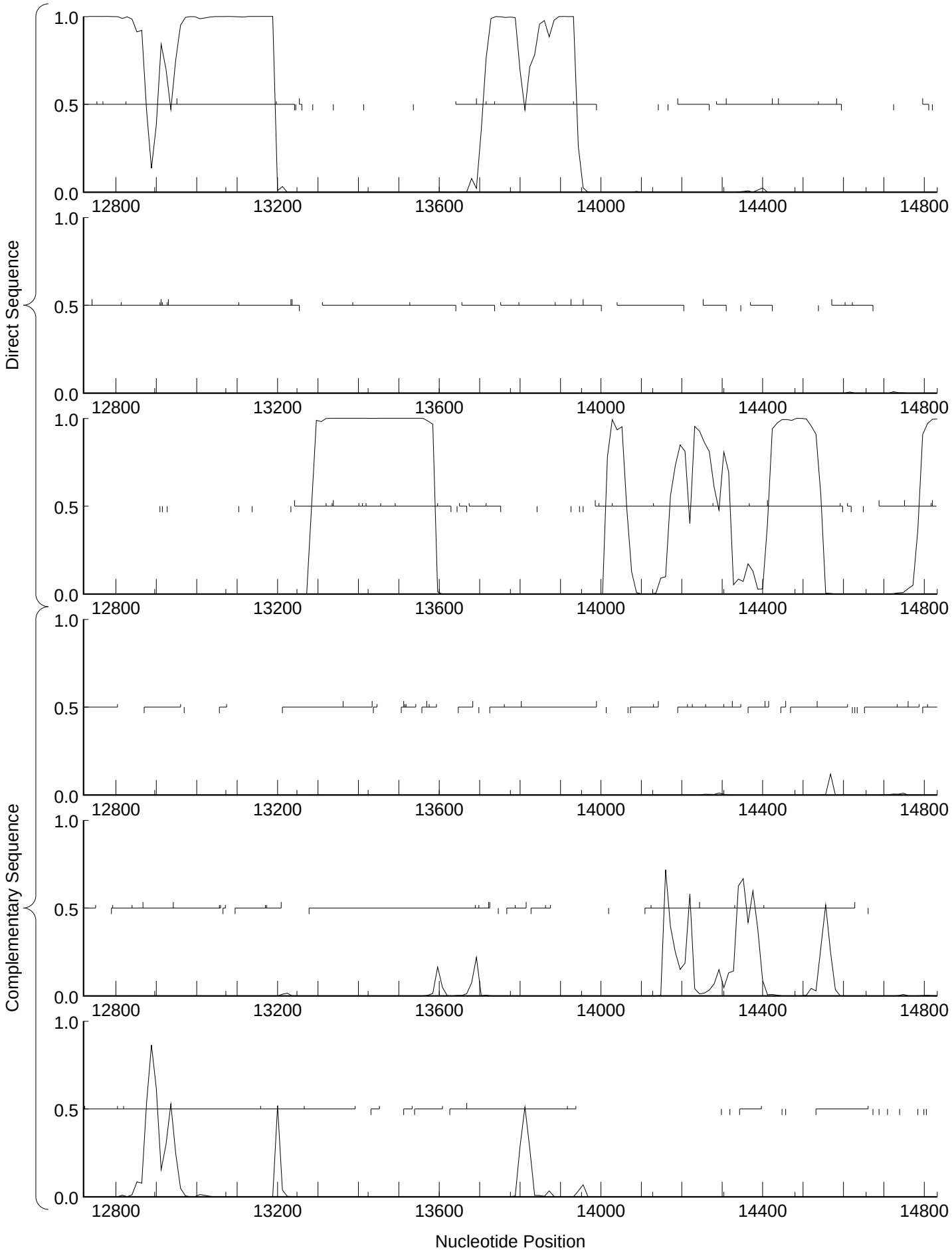


Mycobacterium phage Nicole21 complete sequence, 68628 bp, circularly permuted, Cluster B1, Order 4, Window 96, Step 12, 6/34

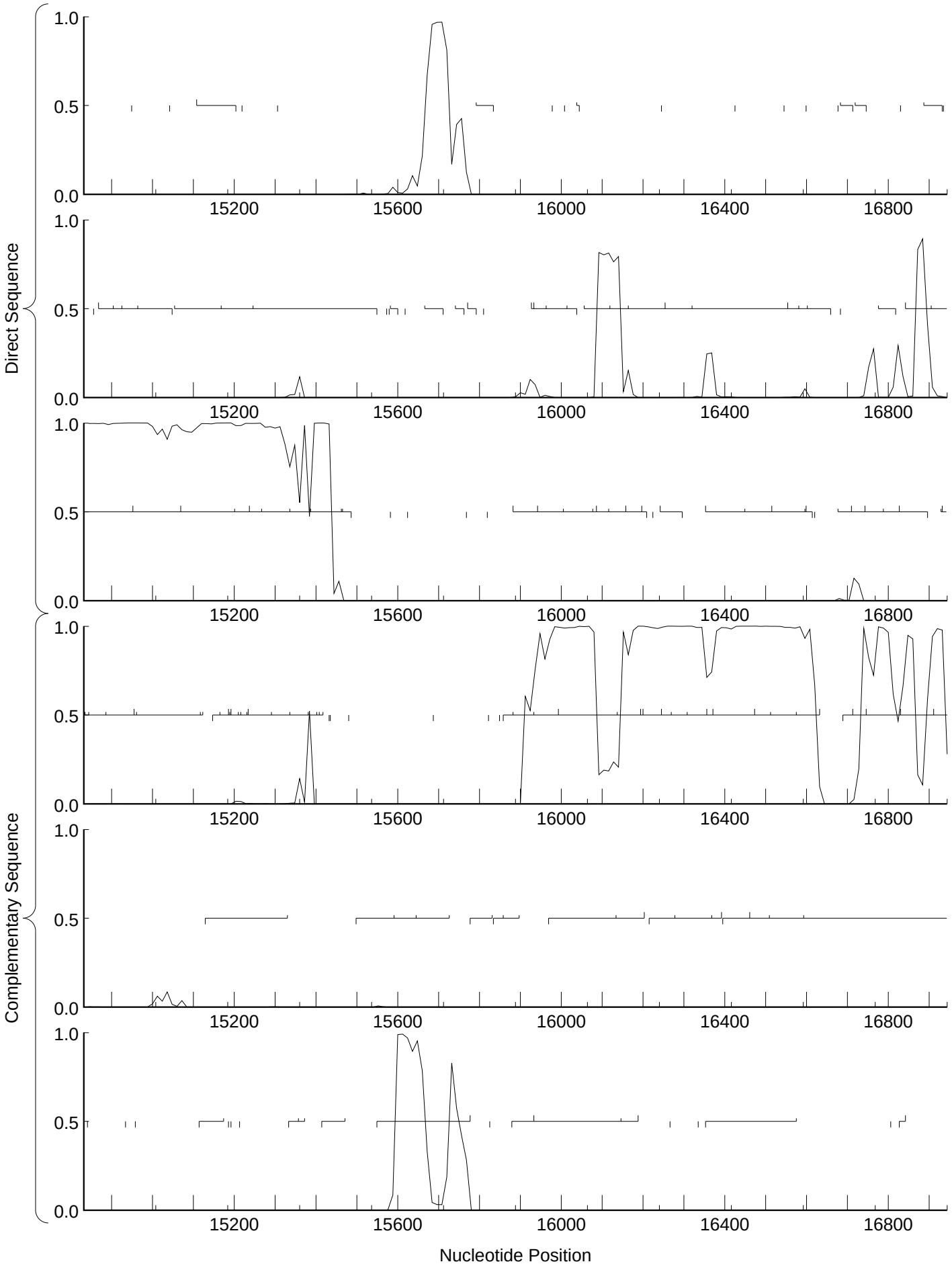



Direct Sequence
Complementary Sequence
1.0
0.5
0.0
10800
11200
11600
12000
12400
Nucleotide Position

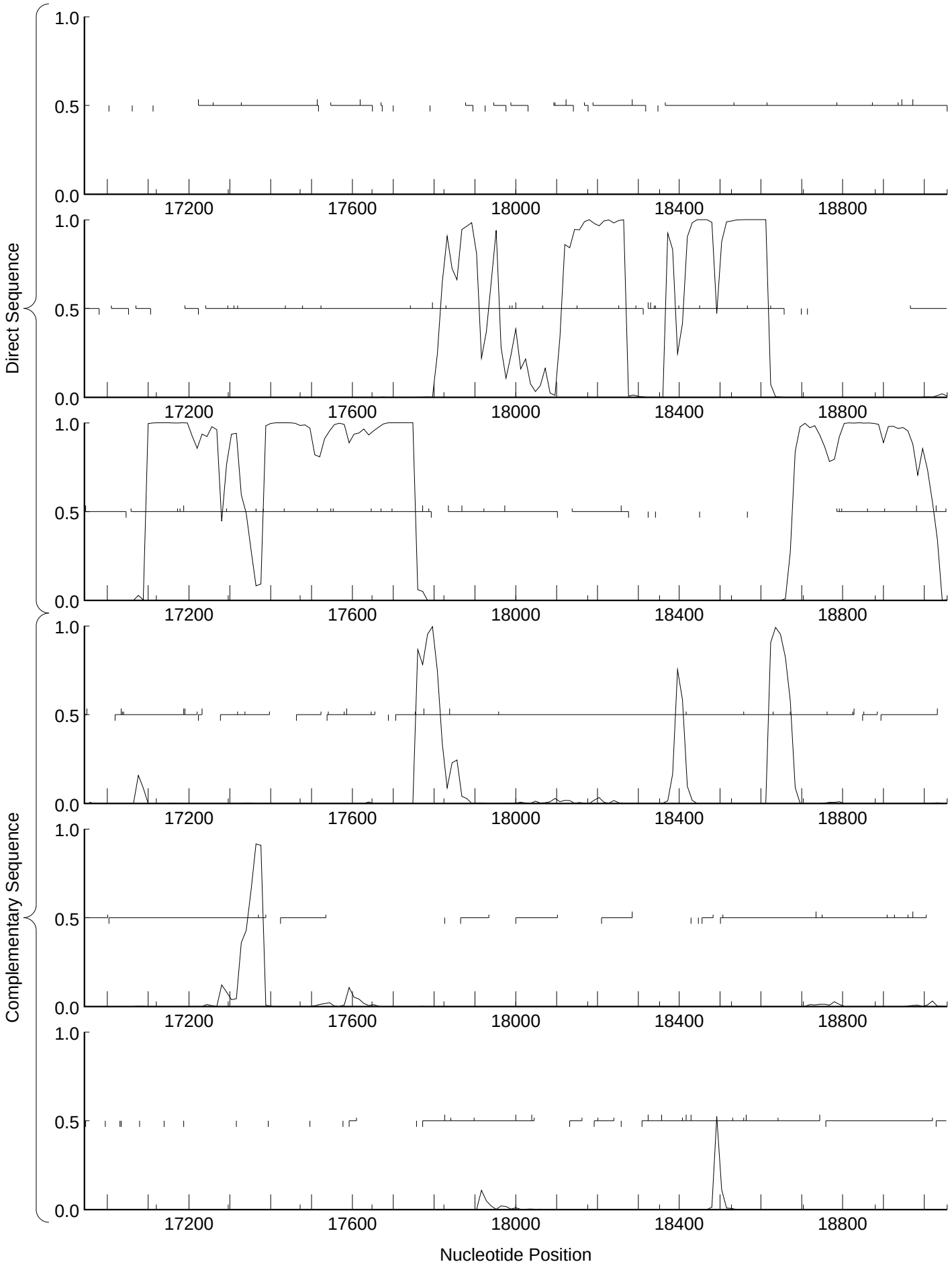
ycobacterium phage Nicole21 complete sequence, 68628 bp, circularly permuted, Cluster B1, Order 4, Window 96, Step 12, 8/34



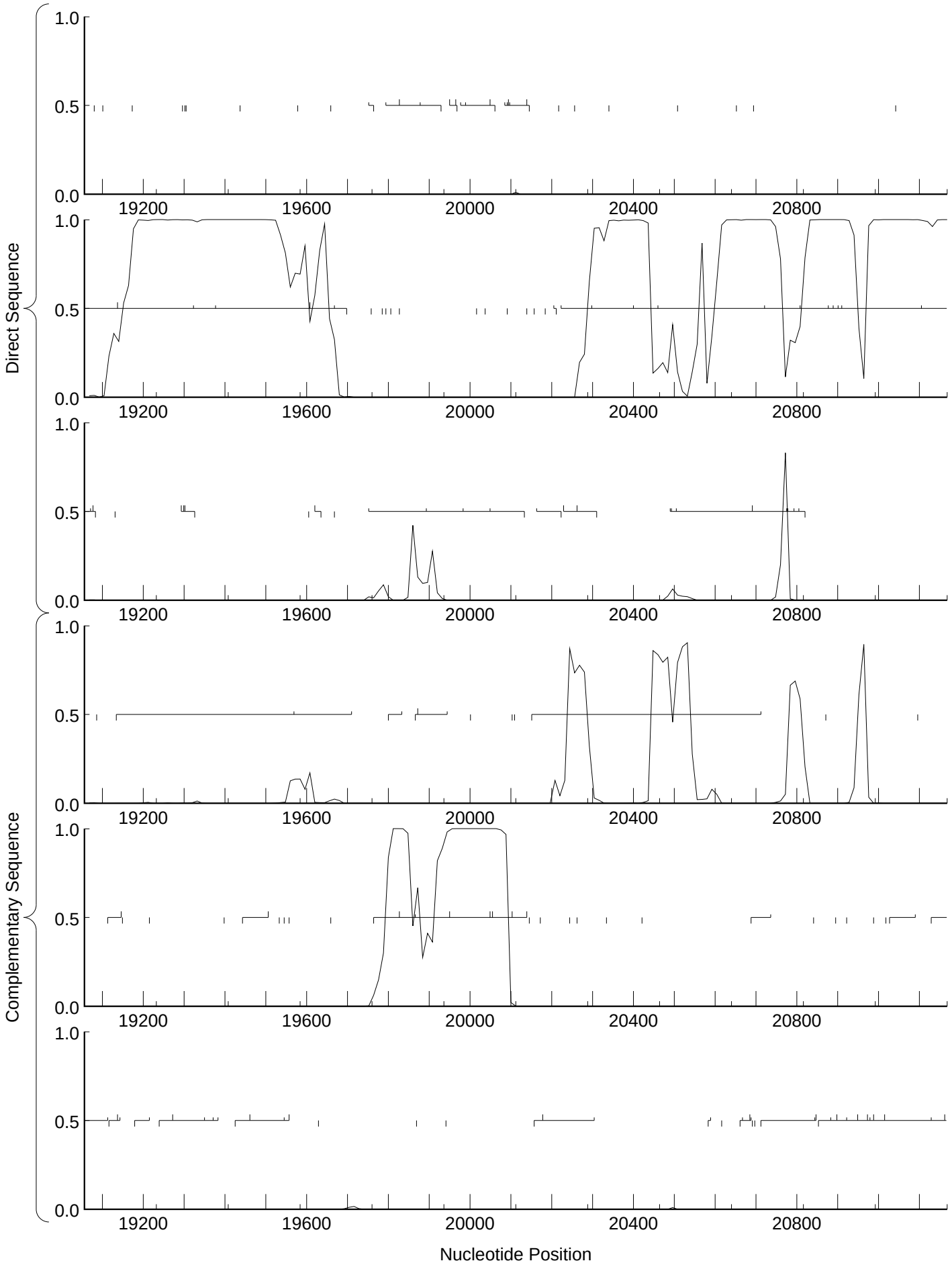
Mycobacterium phage Nicole21 complete sequence, 68628 bp, circularly permuted, Cluster B1, Order 4, Window 96, Step 12, 9/34



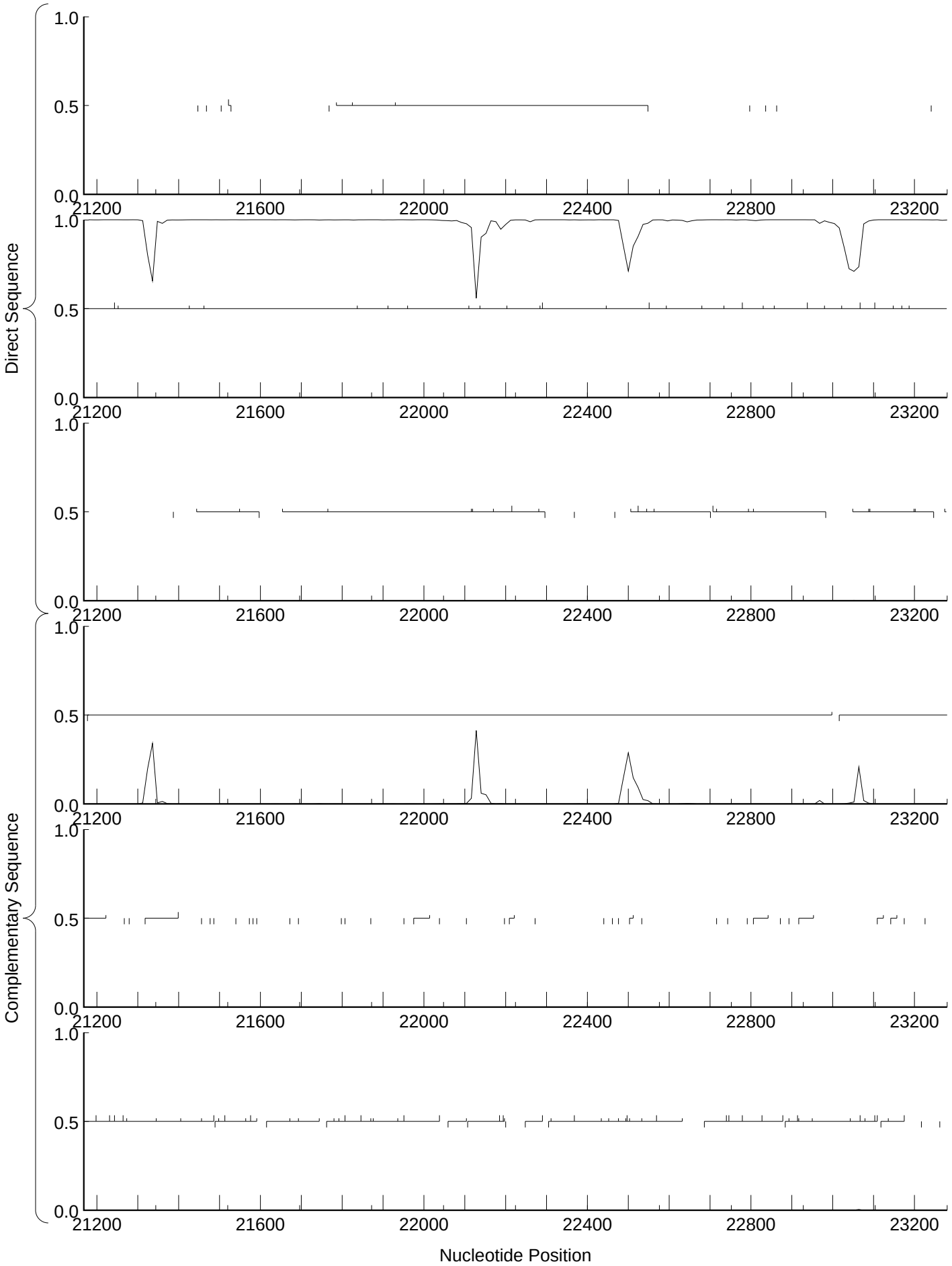
rcobacterium phage Nicole21 complete sequence, 68628 bp, circularly permuted, Cluster B1, Order 4, Window 96, Step 12, 10/34



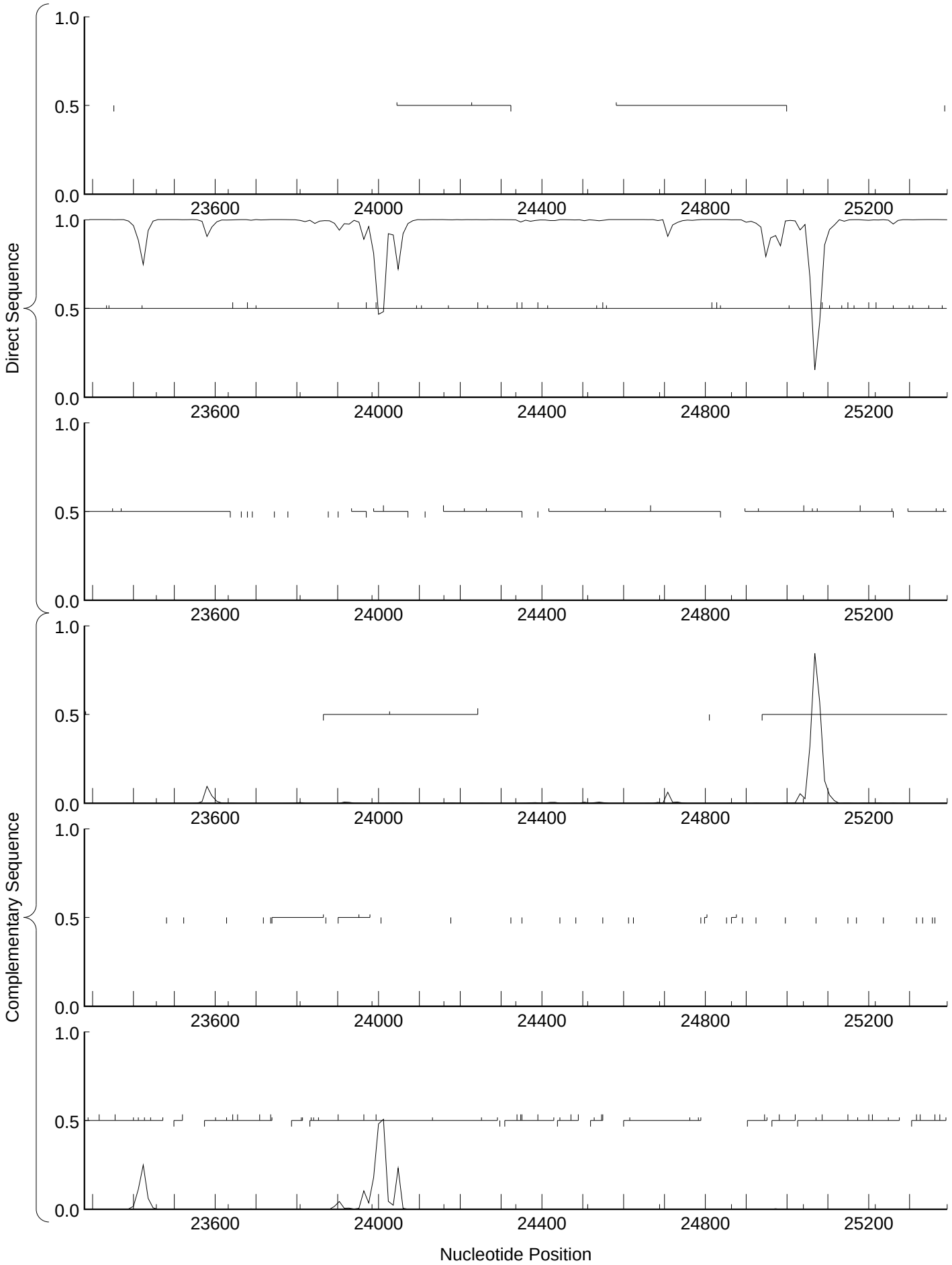
rcobacterium phage Nicole21 complete sequence, 68628 bp, circularly permuted, Cluster B1, Order 4, Window 96, Step 12, 11/34



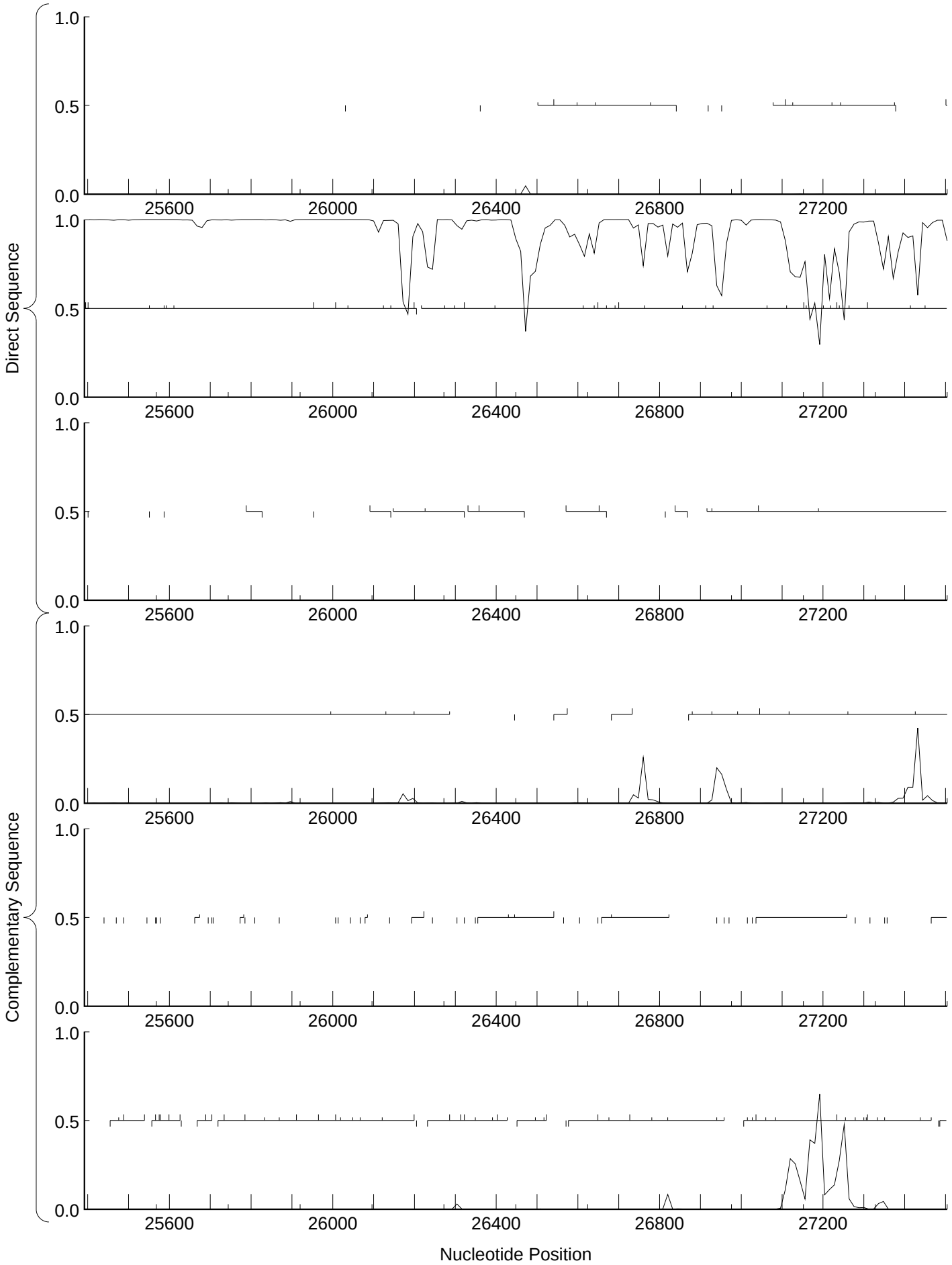
rcobacterium phage Nicole21 complete sequence, 68628 bp, circularly permuted, Cluster B1, Order 4, Window 96, Step 12, 12/34



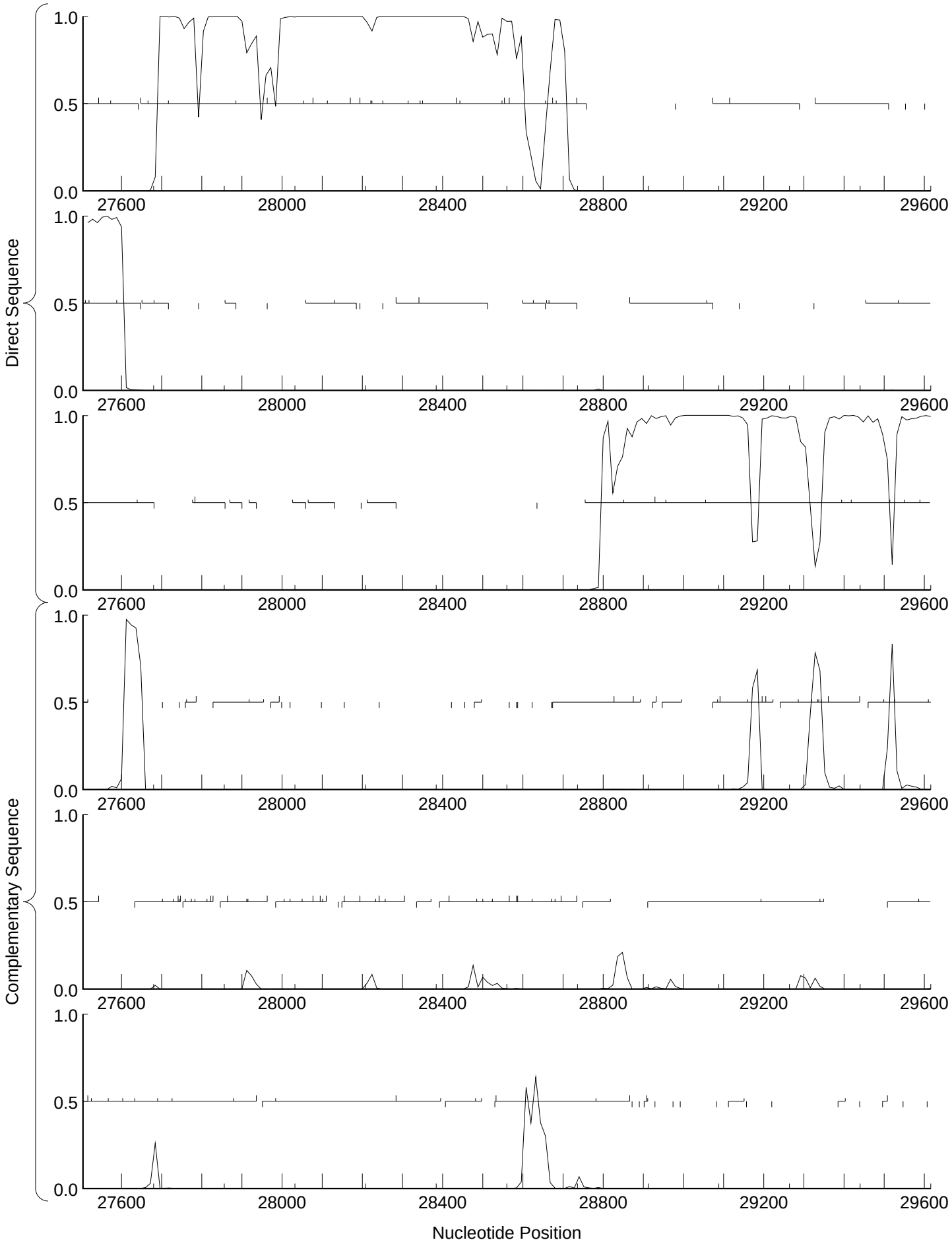
rcobacterium phage Nicole21 complete sequence, 68628 bp, circularly permuted, Cluster B1, Order 4, Window 96, Step 12, 13/34



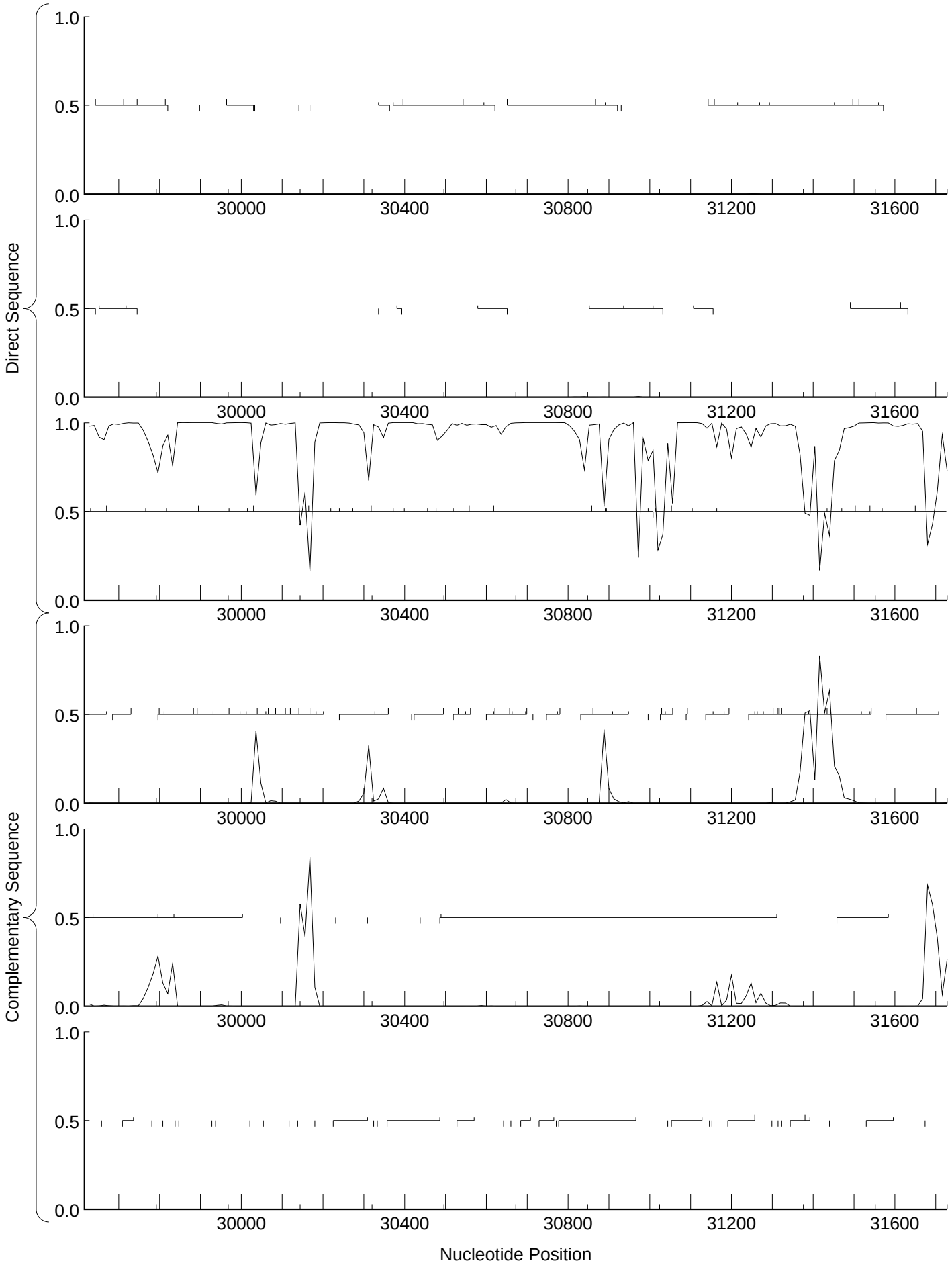
rcobacterium phage Nicole21 complete sequence, 68628 bp, circularly permuted, Cluster B1, Order 4, Window 96, Step 12, 14/34



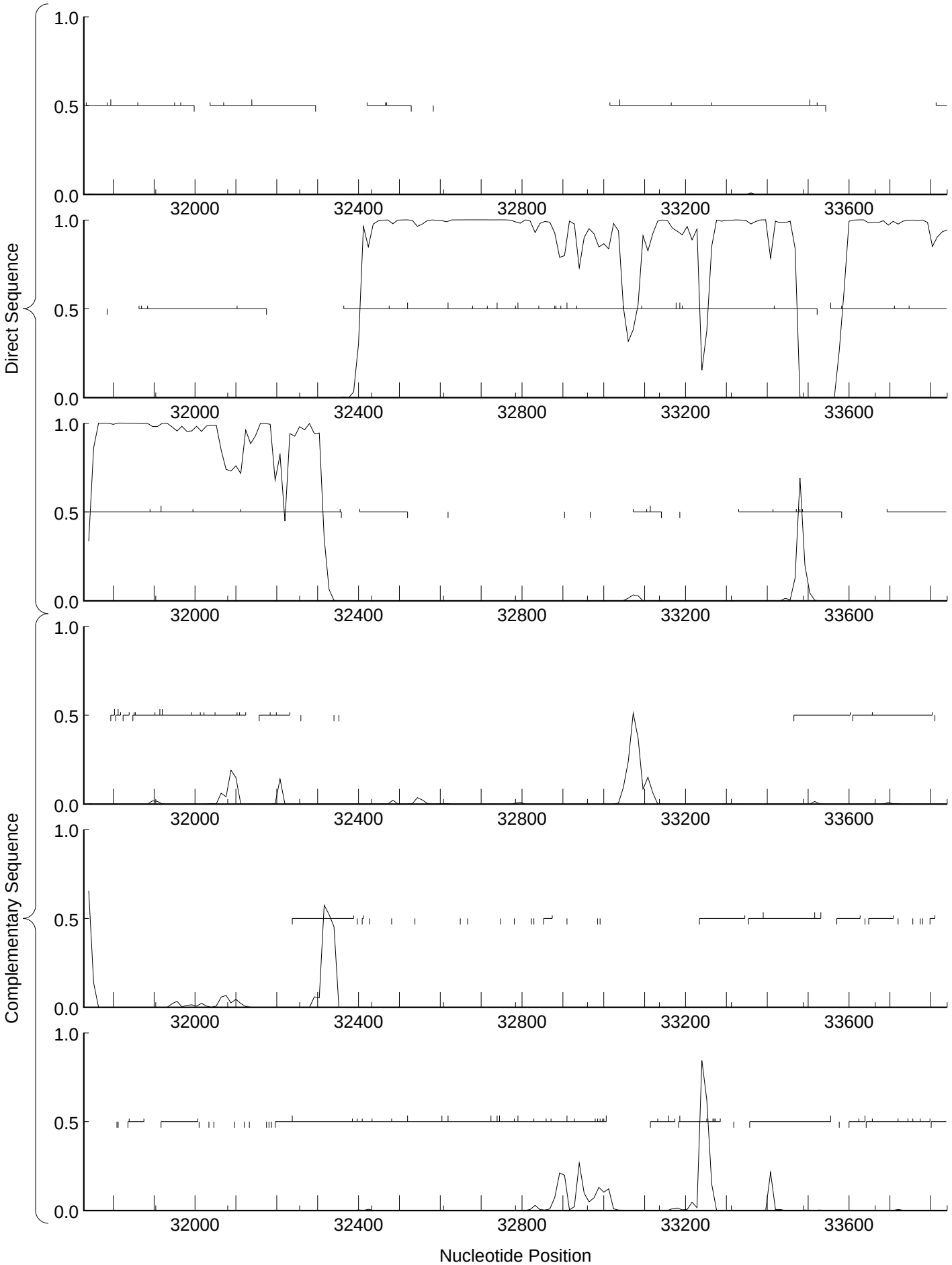
rcobacterium phage Nicole21 complete sequence, 68628 bp, circularly permuted, Cluster B1, Order 4, Window 96, Step 12, 15/34



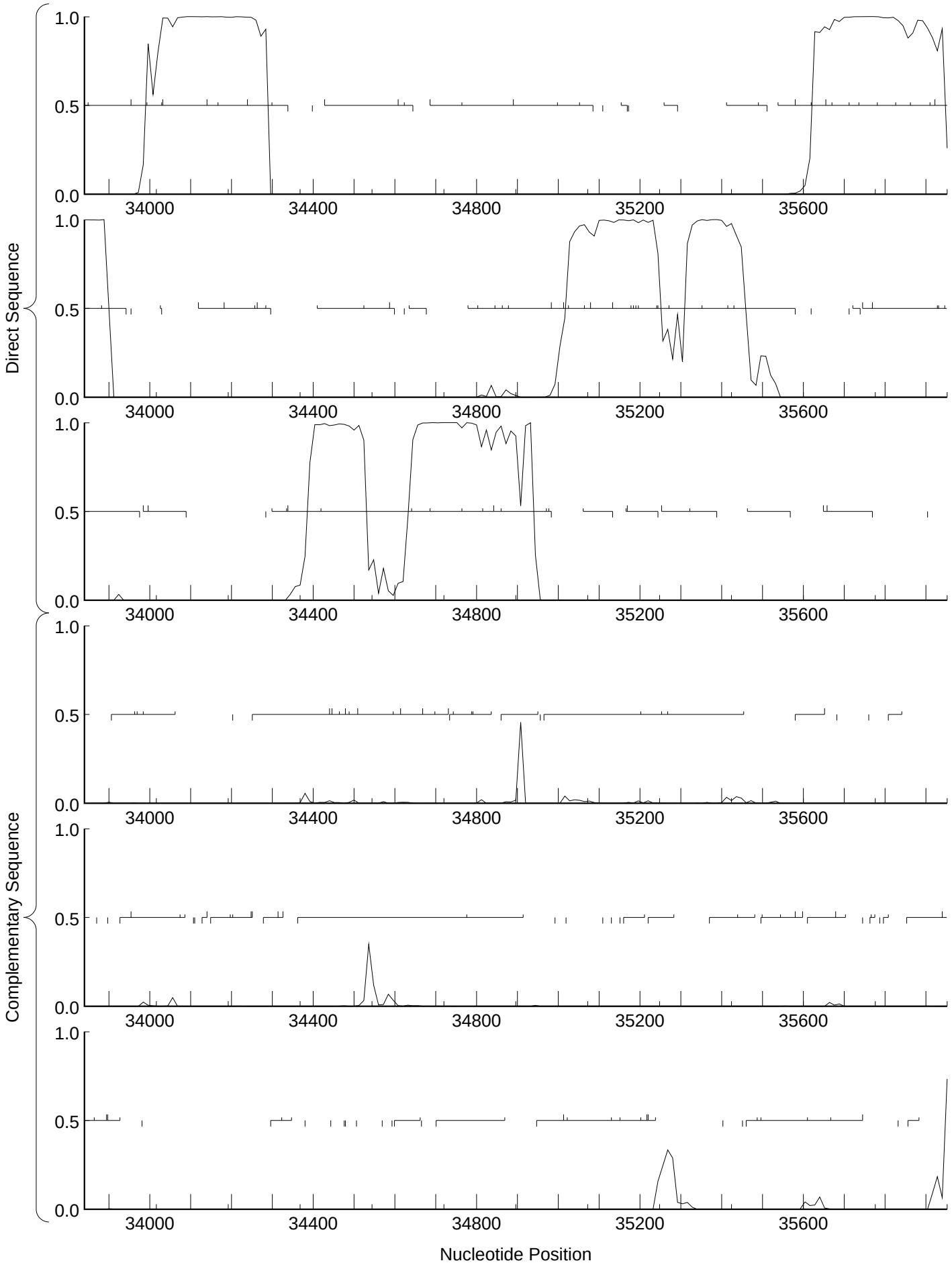
rcobacterium phage Nicole21 complete sequence, 68628 bp, circularly permuted, Cluster B1, Order 4, Window 96, Step 12, 16/34



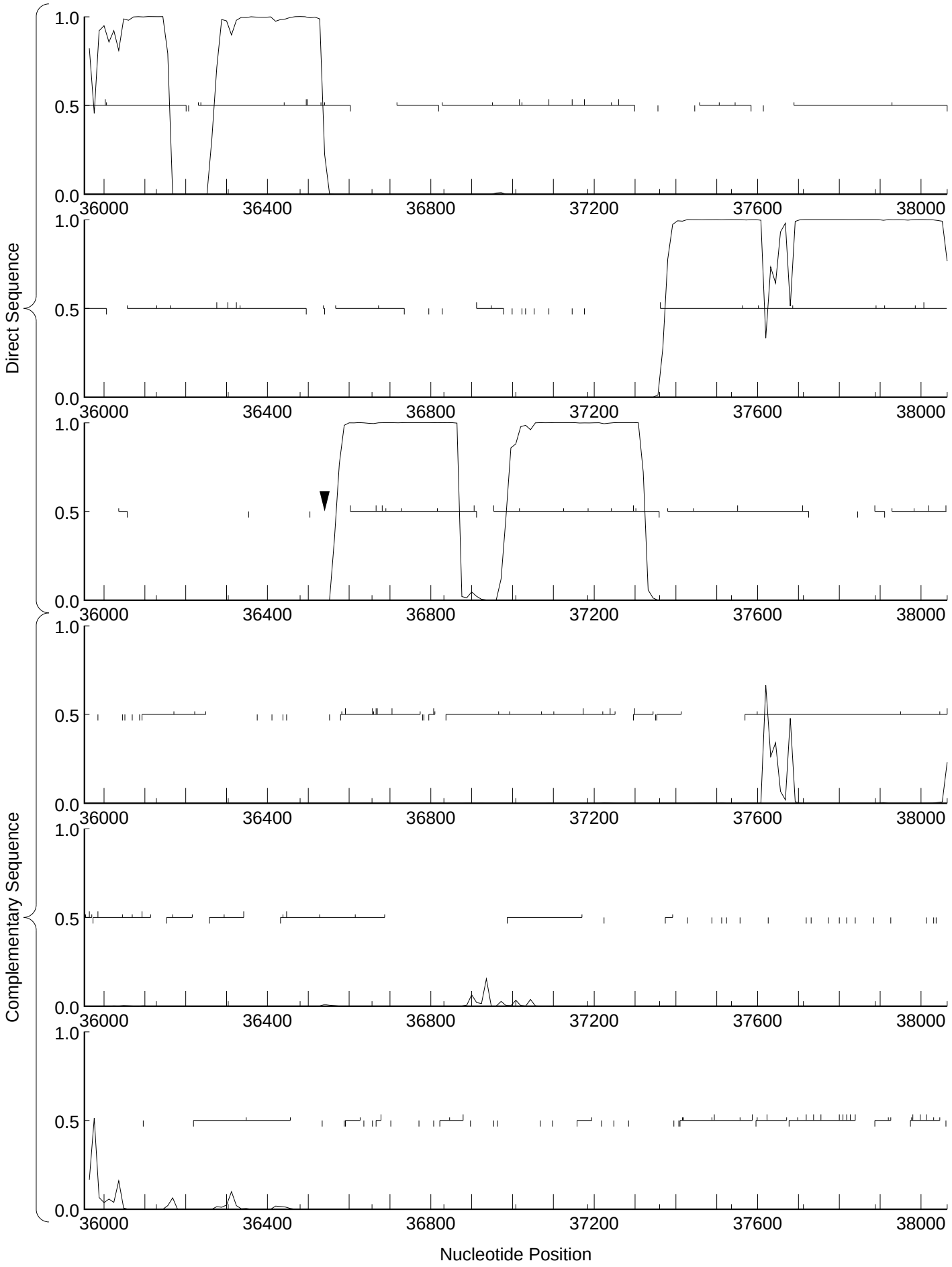
rcobacterium phage Nicole21 complete sequence, 68628 bp, circularly permuted, Cluster B1, Order 4, Window 96, Step 12, 17/34



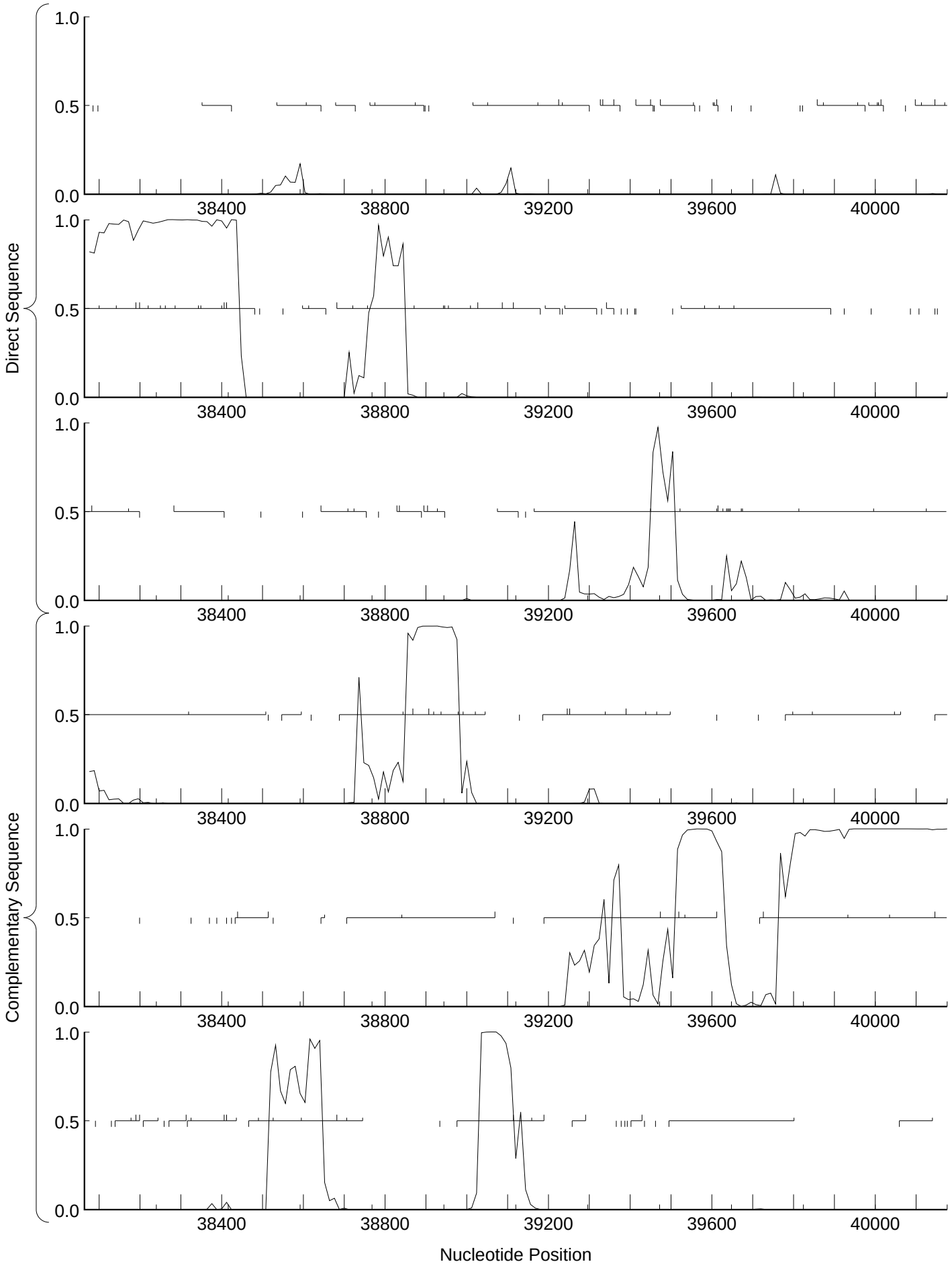
rcobacterium phage Nicole21 complete sequence, 68628 bp, circularly permuted, Cluster B1, Order 4, Window 96, Step 12, 18/34



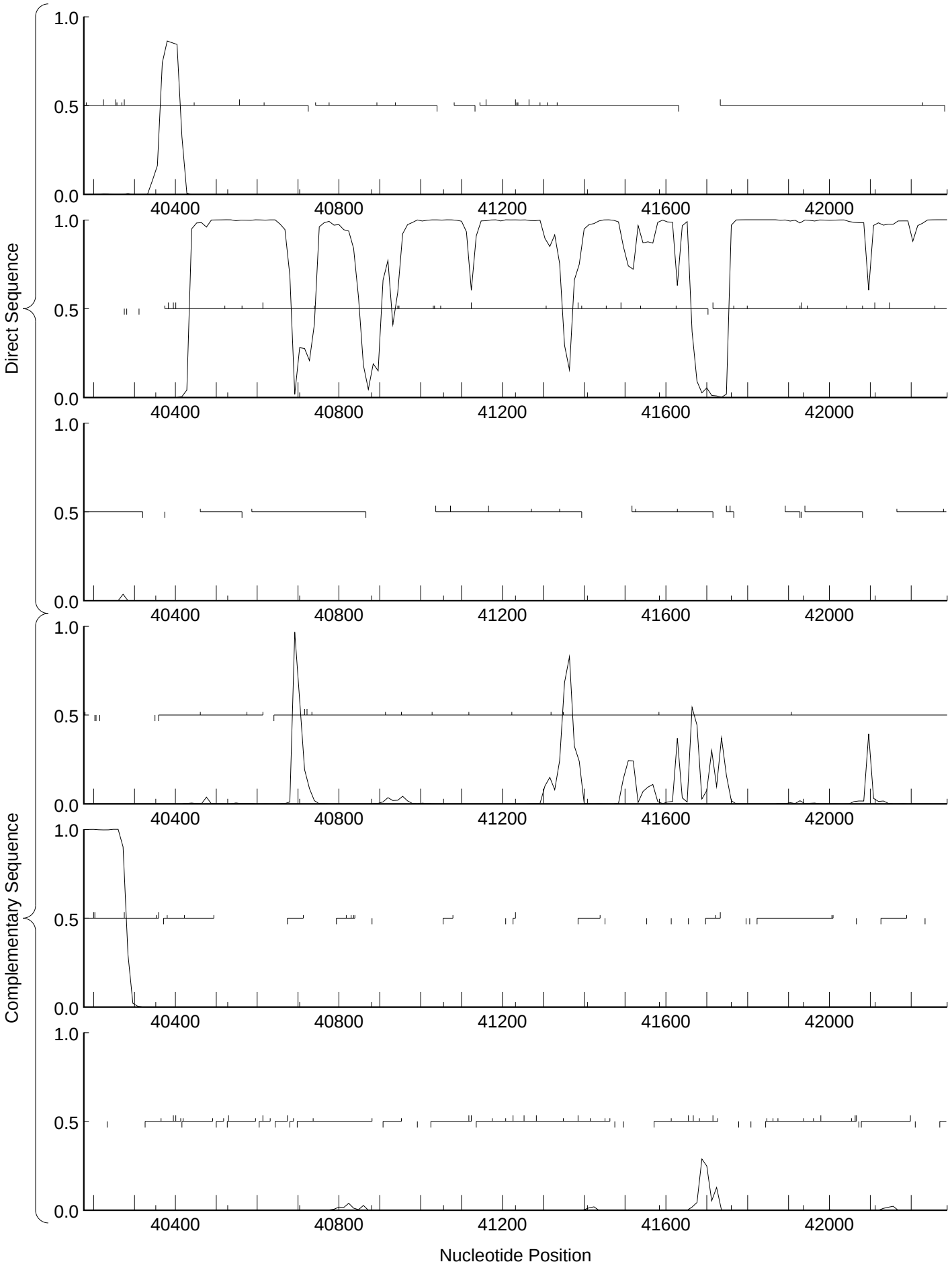
rcobacterium phage Nicole21 complete sequence, 68628 bp, circularly permuted, Cluster B1, Order 4, Window 96, Step 12, 19/34



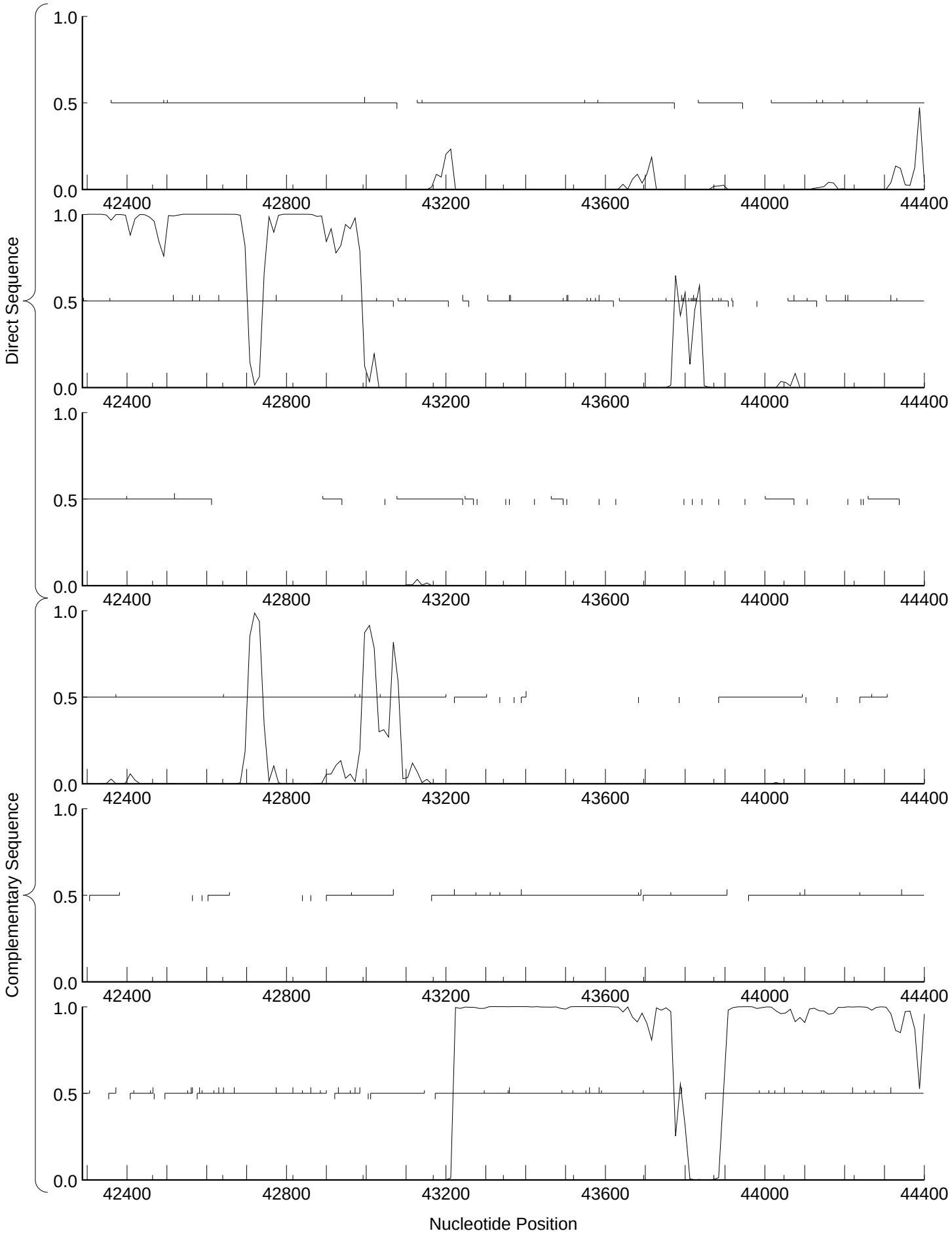
rcobacterium phage Nicole21 complete sequence, 68628 bp, circularly permuted, Cluster B1, Order 4, Window 96, Step 12, 20/34



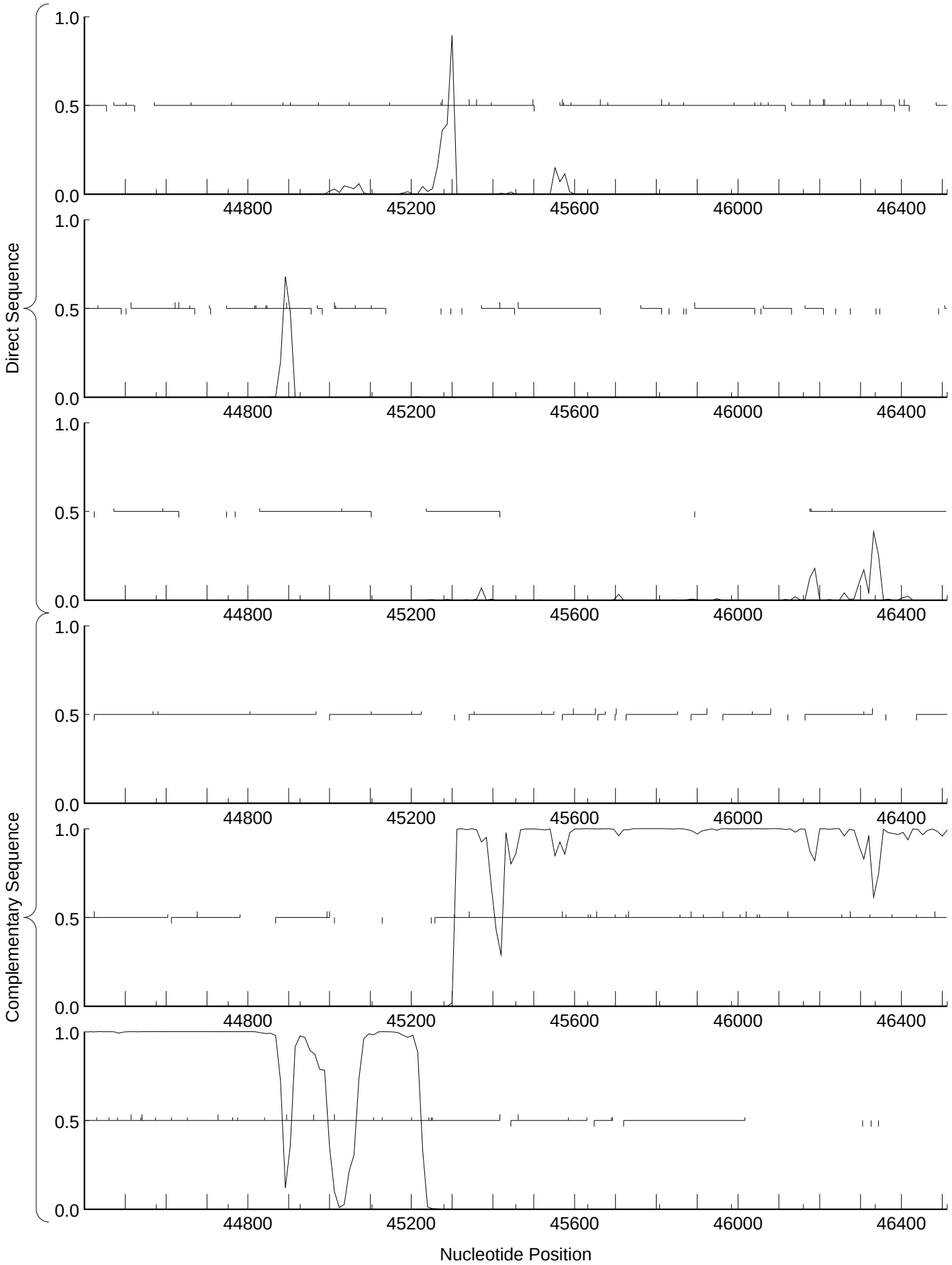
rcobacterium phage Nicole21 complete sequence, 68628 bp, circularly permuted, Cluster B1, Order 4, Window 96, Step 12, 21/34



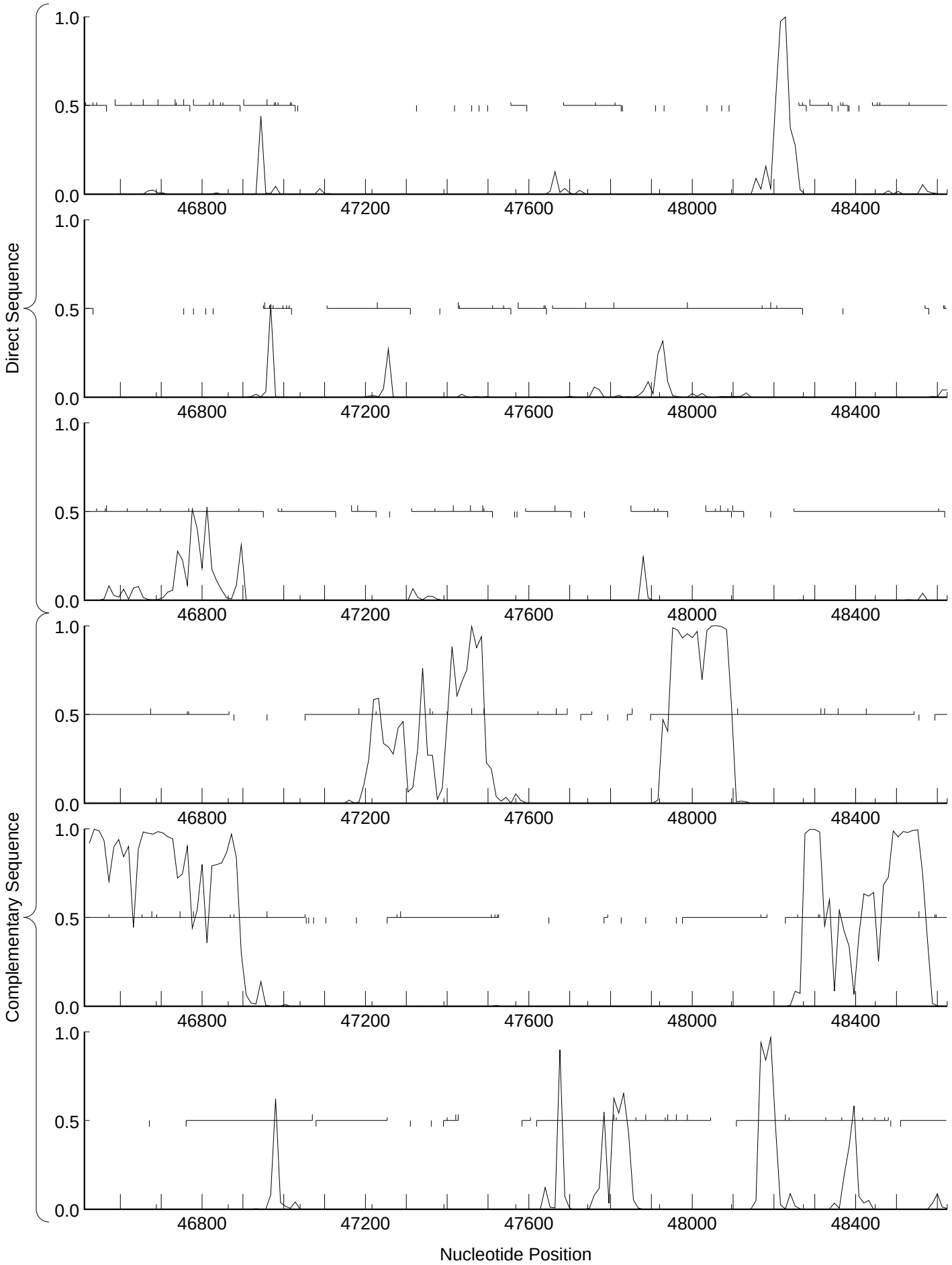
rcobacterium phage Nicole21 complete sequence, 68628 bp, circularly permuted, Cluster B1, Order 4, Window 96, Step 12, 22/34



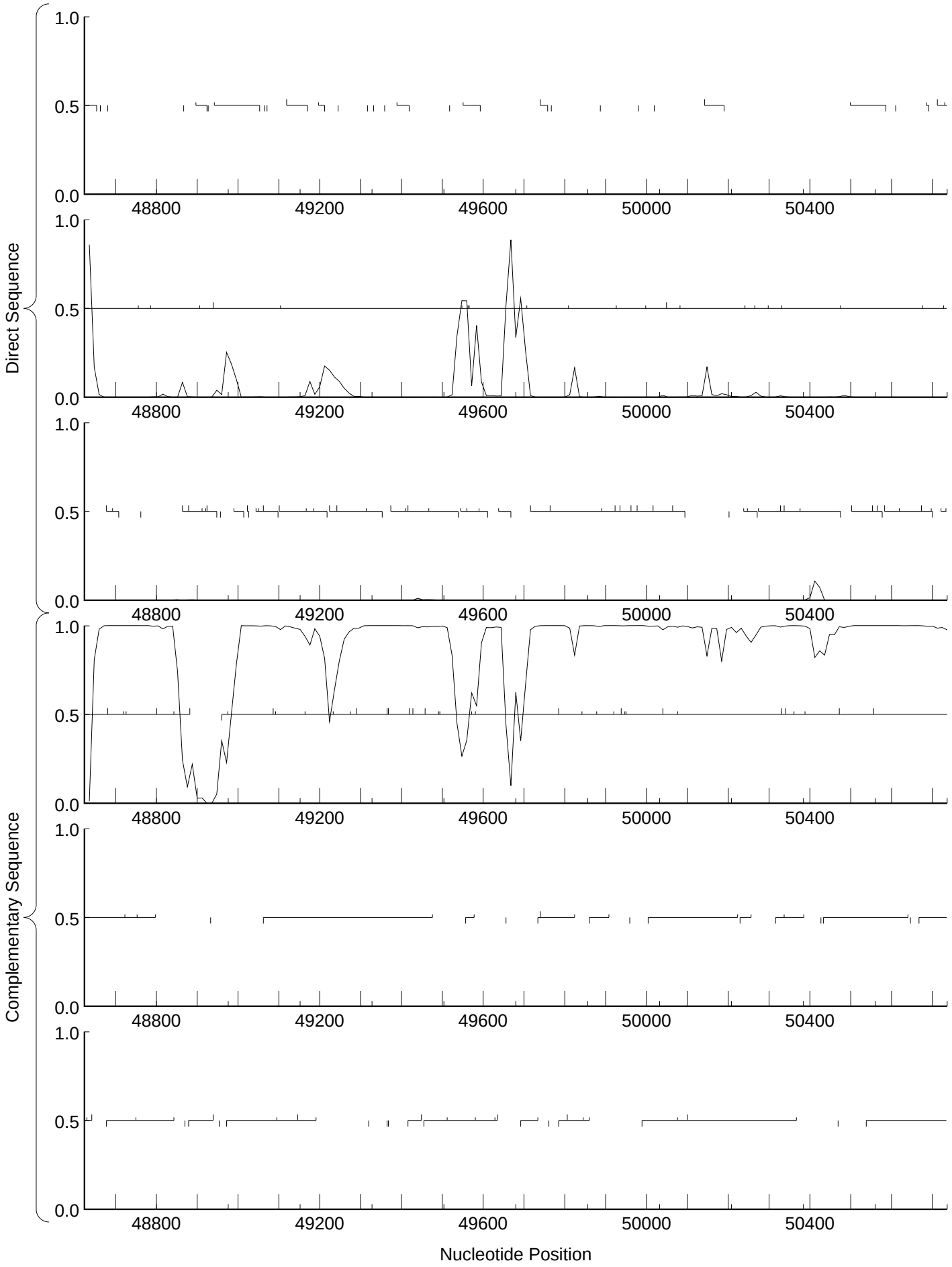
rcobacterium phage Nicole21 complete sequence, 68628 bp, circularly permuted, Cluster B1, Order 4, Window 96, Step 12, 23/34



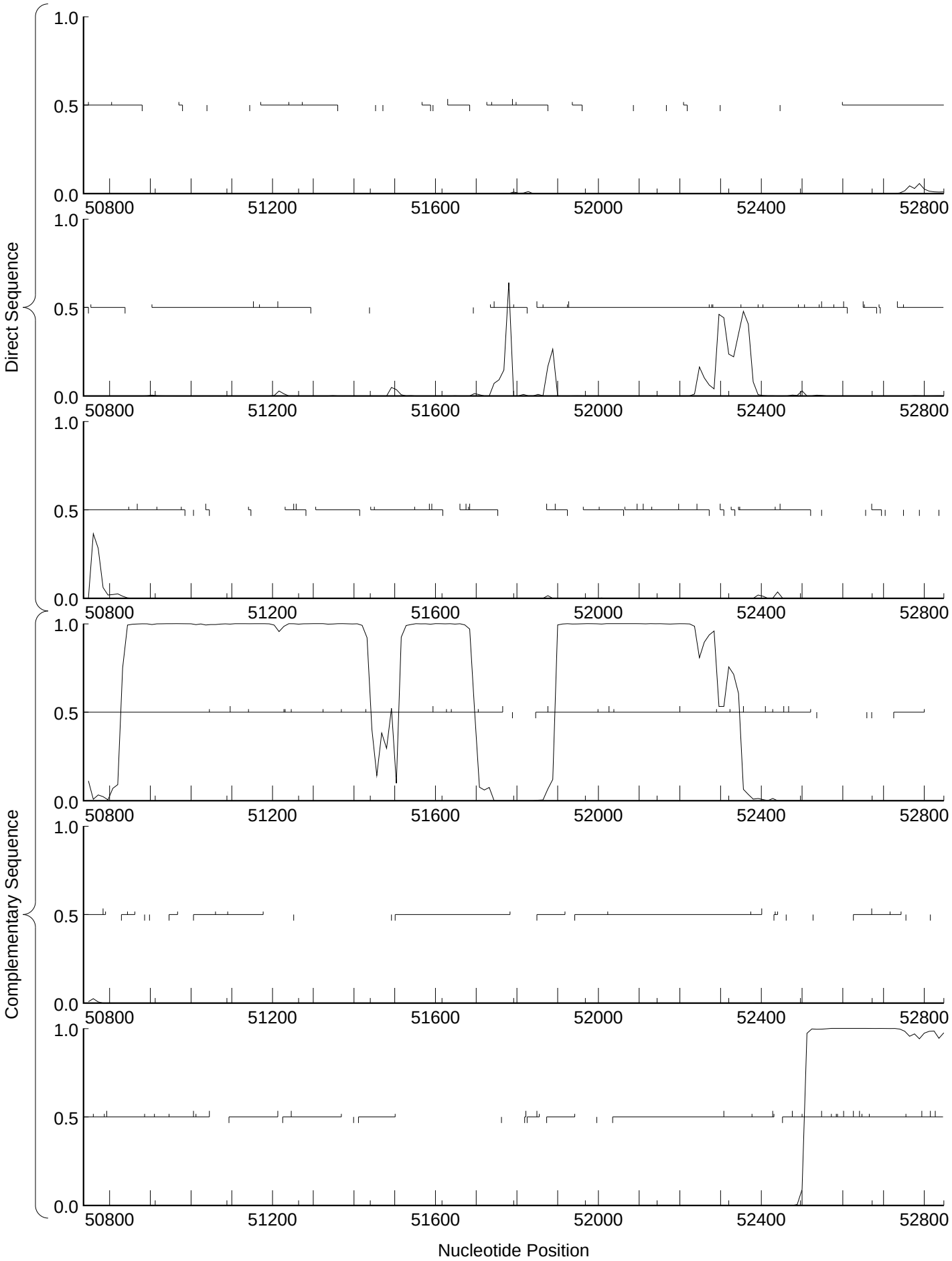
rcobacterium phage Nicole21 complete sequence, 68628 bp, circularly permuted, Cluster B1, Order 4, Window 96, Step 12, 24/34



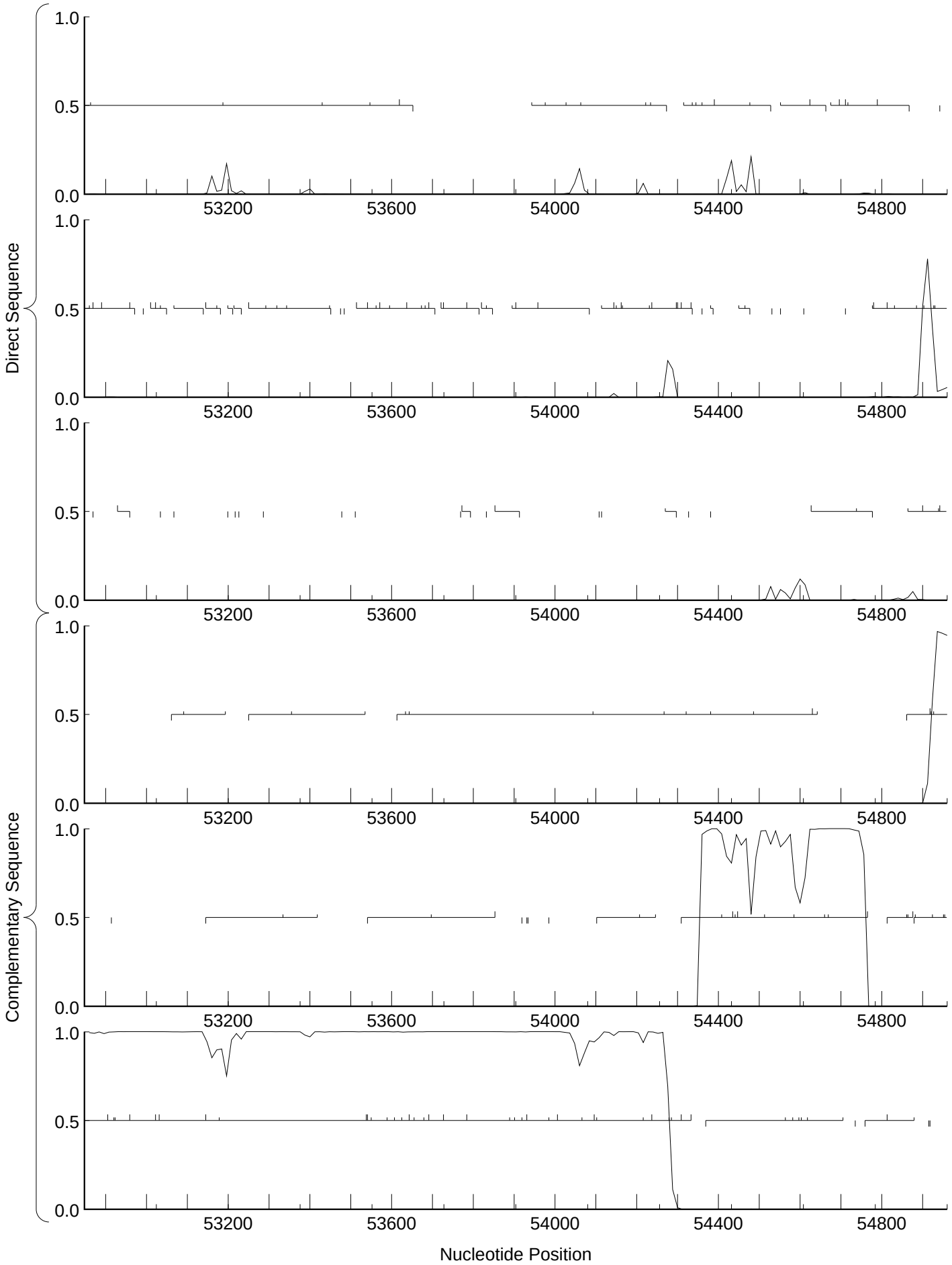
rcobacterium phage Nicole21 complete sequence, 68628 bp, circularly permuted, Cluster B1, Order 4, Window 96, Step 12, 25/34



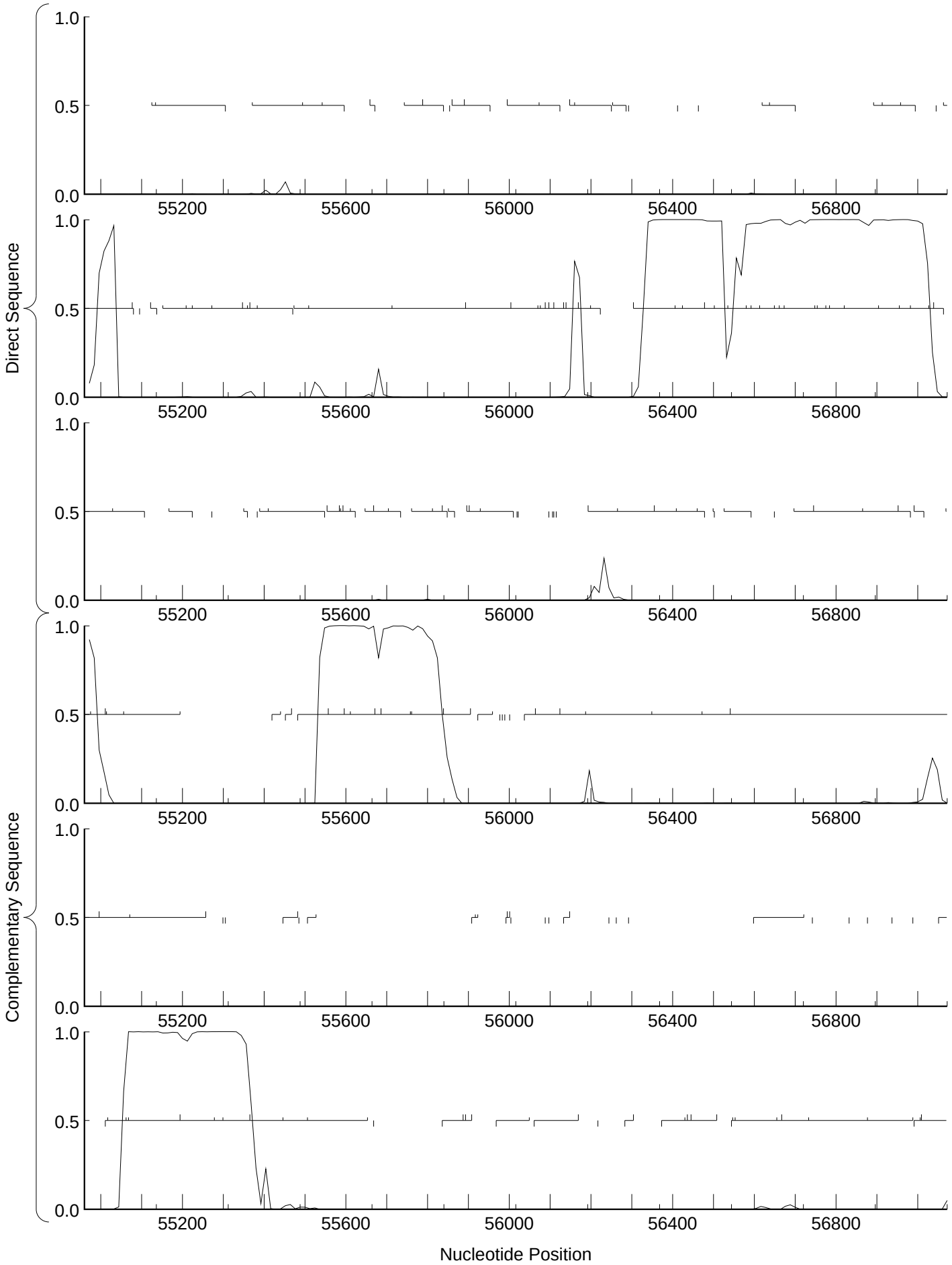
rcobacterium phage Nicole21 complete sequence, 68628 bp, circularly permuted, Cluster B1, Order 4, Window 96, Step 12, 26/34

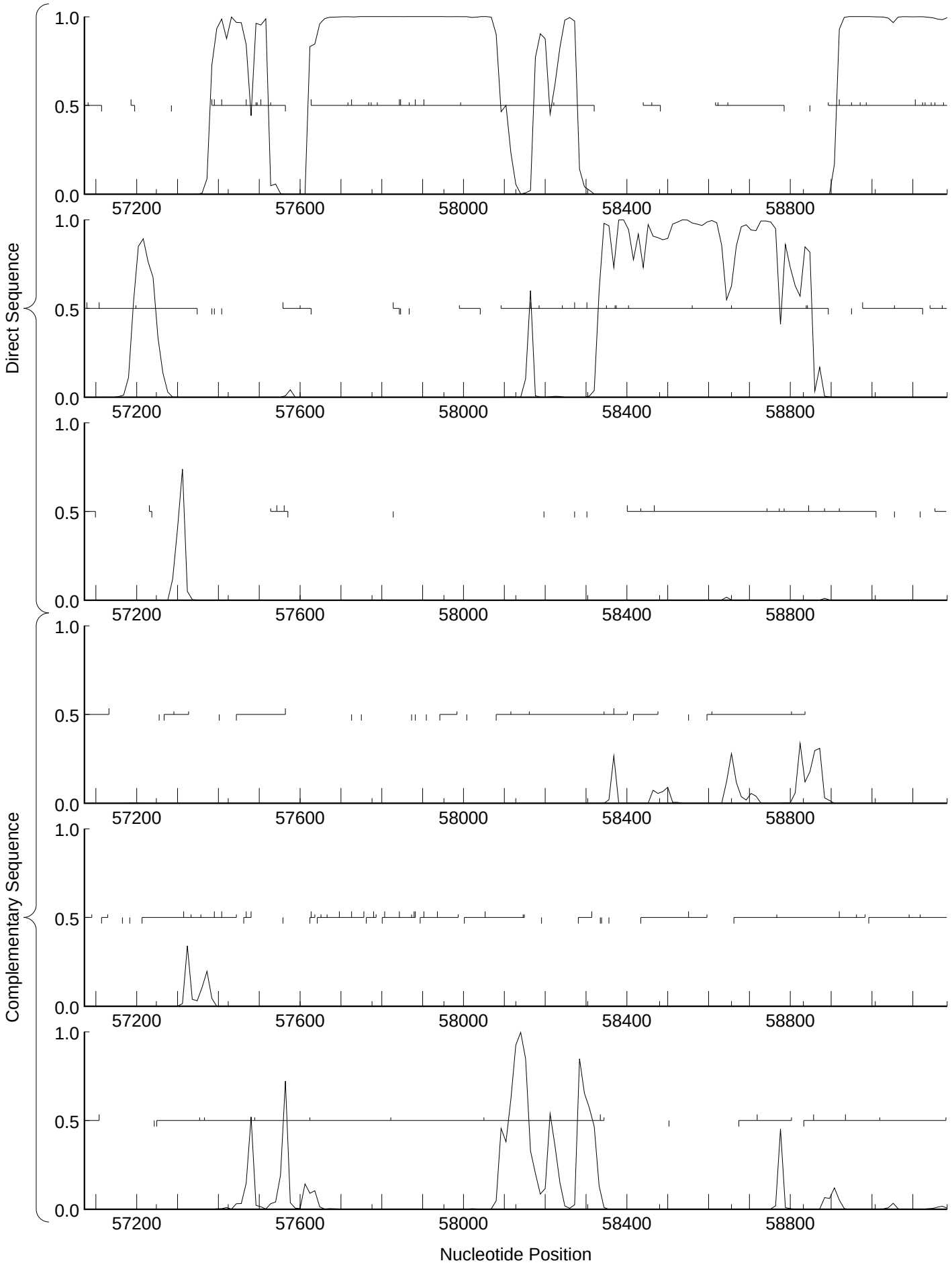


rcobacterium phage Nicole21 complete sequence, 68628 bp, circularly permuted, Cluster B1, Order 4, Window 96, Step 12, 27/34

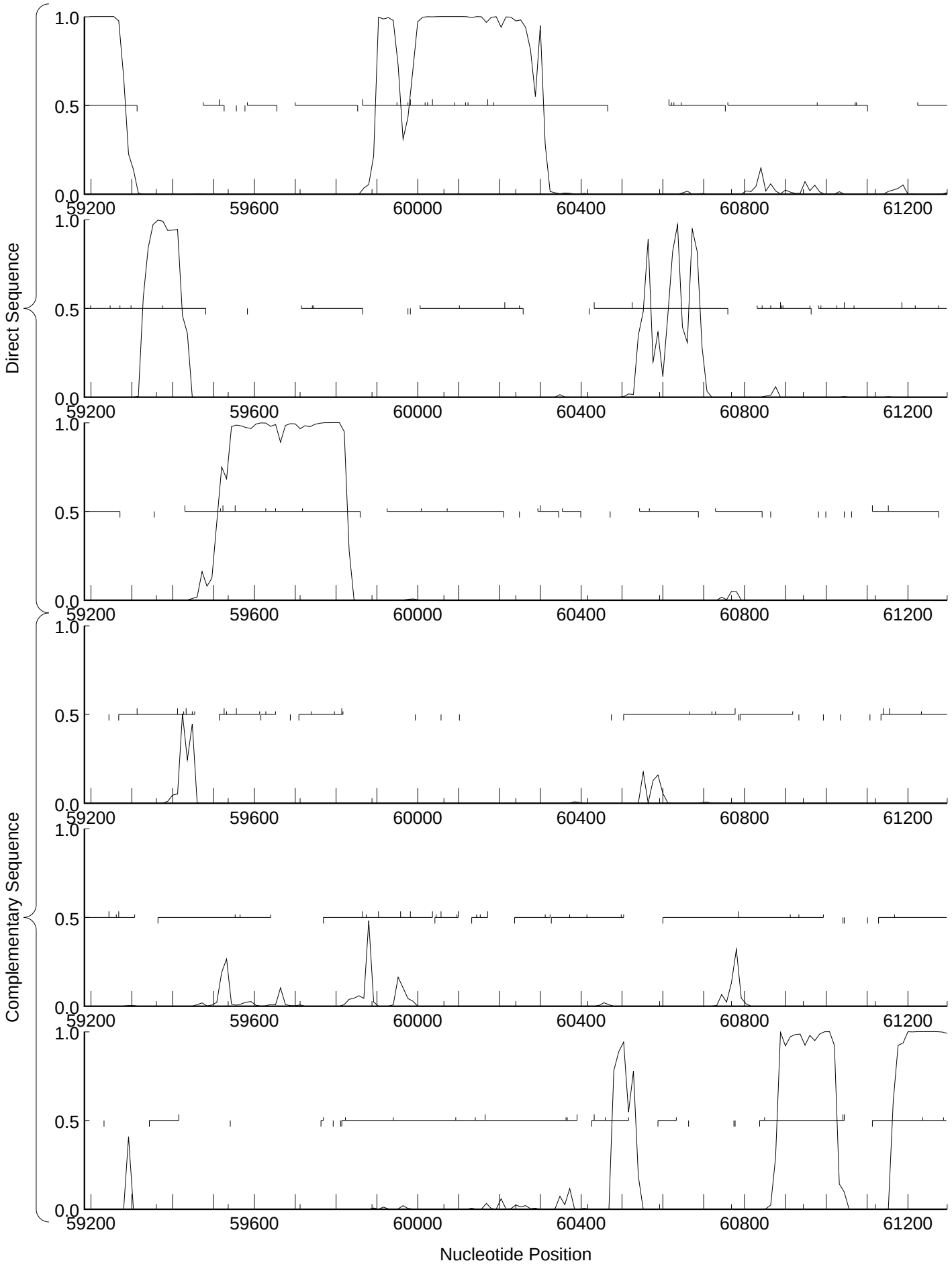


rcobacterium phage Nicole21 complete sequence, 68628 bp, circularly permuted, Cluster B1, Order 4, Window 96, Step 12, 28/34

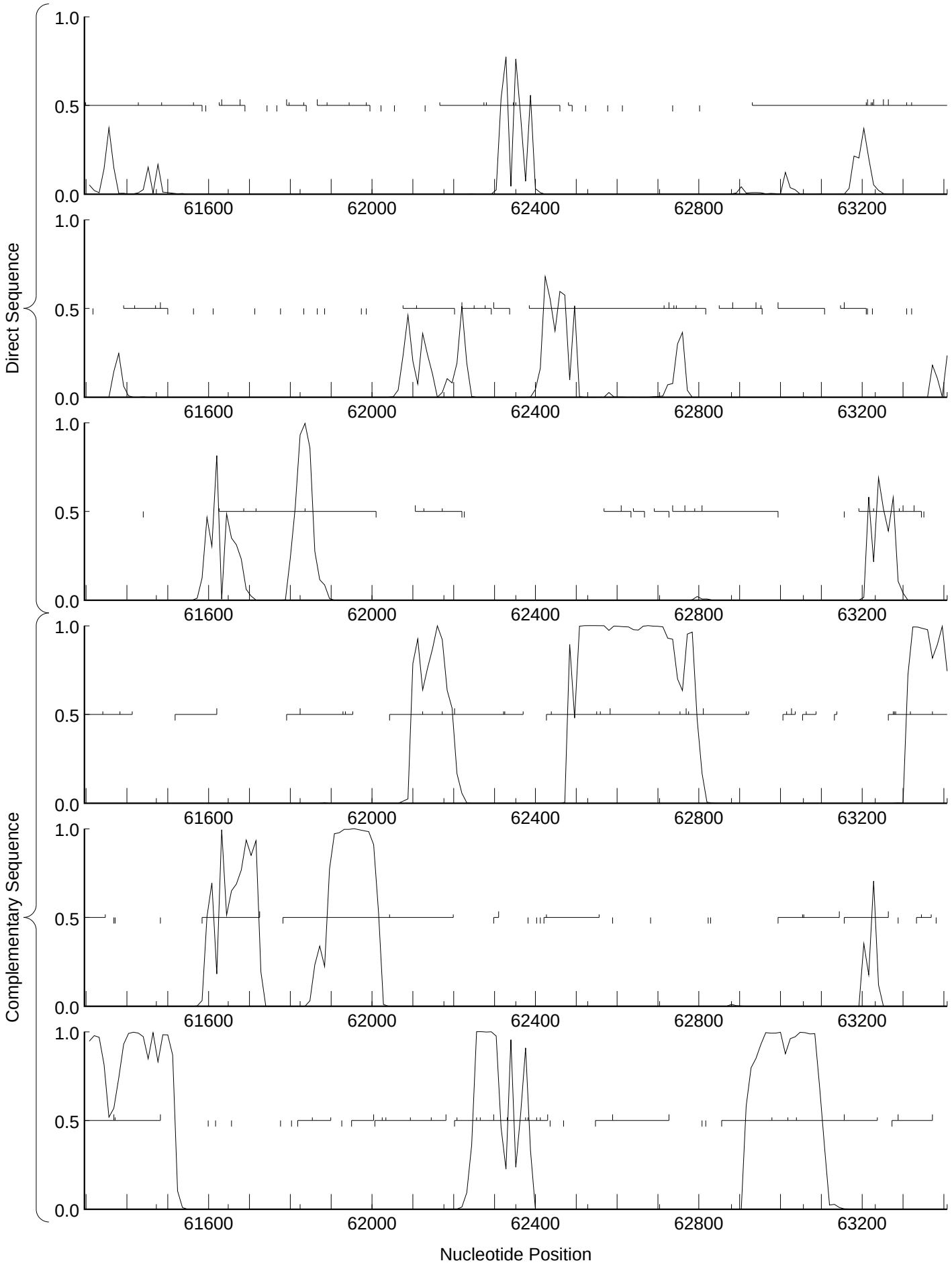



Direct Sequence
Complementary Sequence
1.0
0.5
0.0
57200
57600
58000
58400
58800
Nucleotide Position

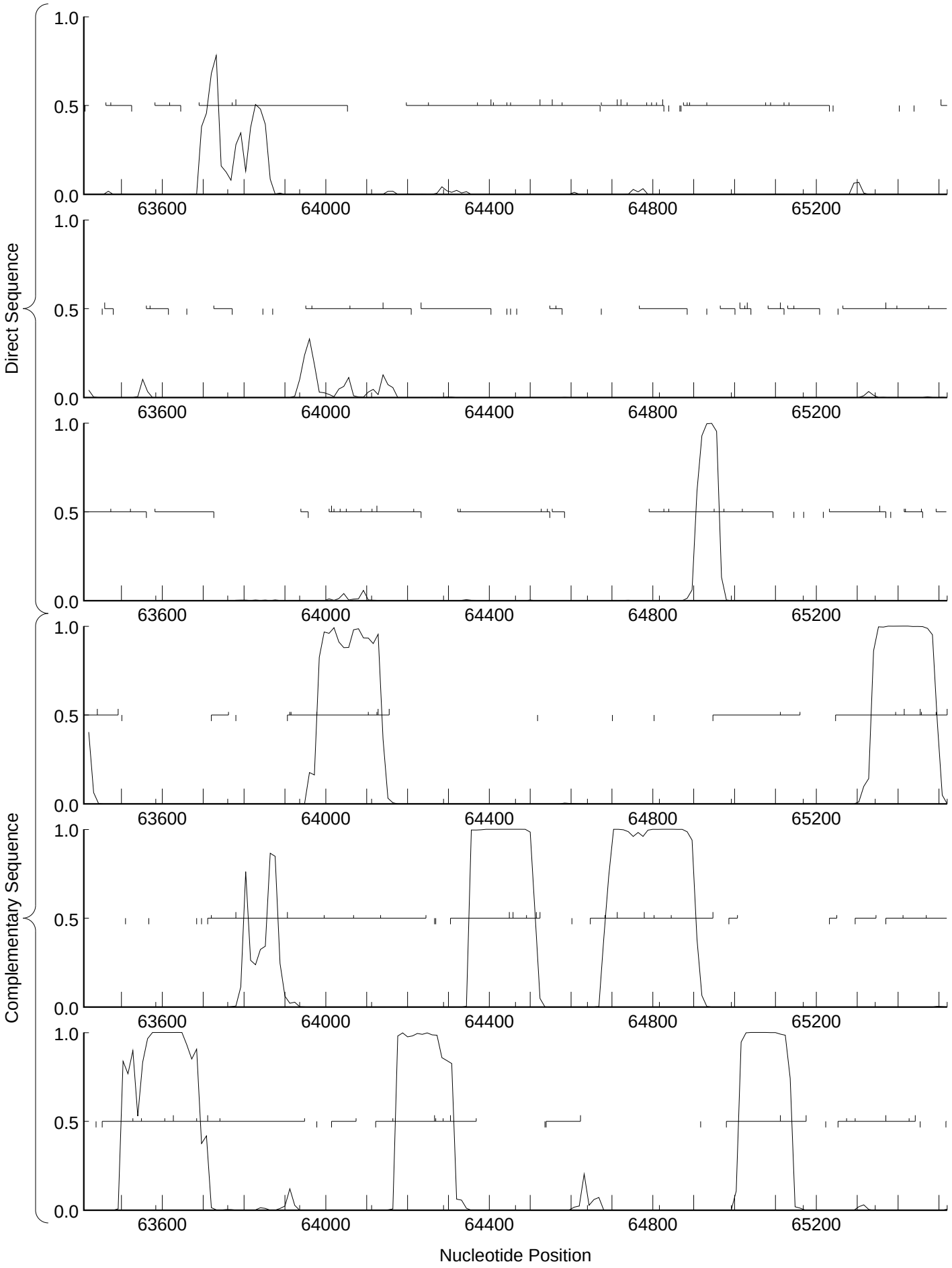
rcobacterium phage Nicole21 complete sequence, 68628 bp, circularly permuted, Cluster B1, Order 4, Window 96, Step 12, 30/34



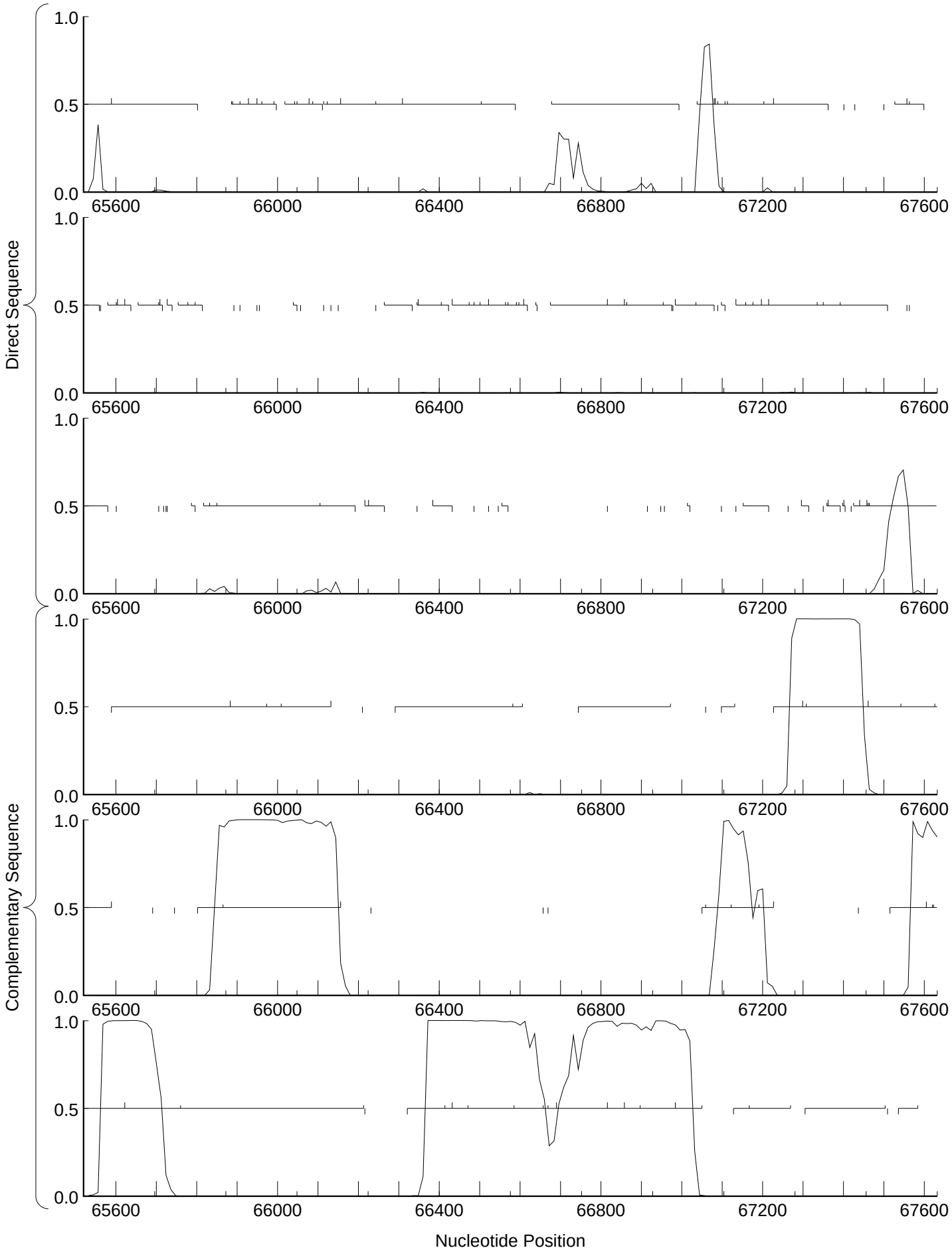
rcobacterium phage Nicole21 complete sequence, 68628 bp, circularly permuted, Cluster B1, Order 4, Window 96, Step 12, 31/34



rcobacterium phage Nicole21 complete sequence, 68628 bp, circularly permuted, Cluster B1, Order 4, Window 96, Step 12, 32/34



rcobacterium phage Nicole21 complete sequence, 68628 bp, circularly permuted, Cluster B1, Order 4, Window 96, Step 12, 33/34



rcobacterium phage Nicole21 complete sequence, 68628 bp, circularly permuted, Cluster B1, Order 4, Window 96, Step 12, 34/34

