GeneMark

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

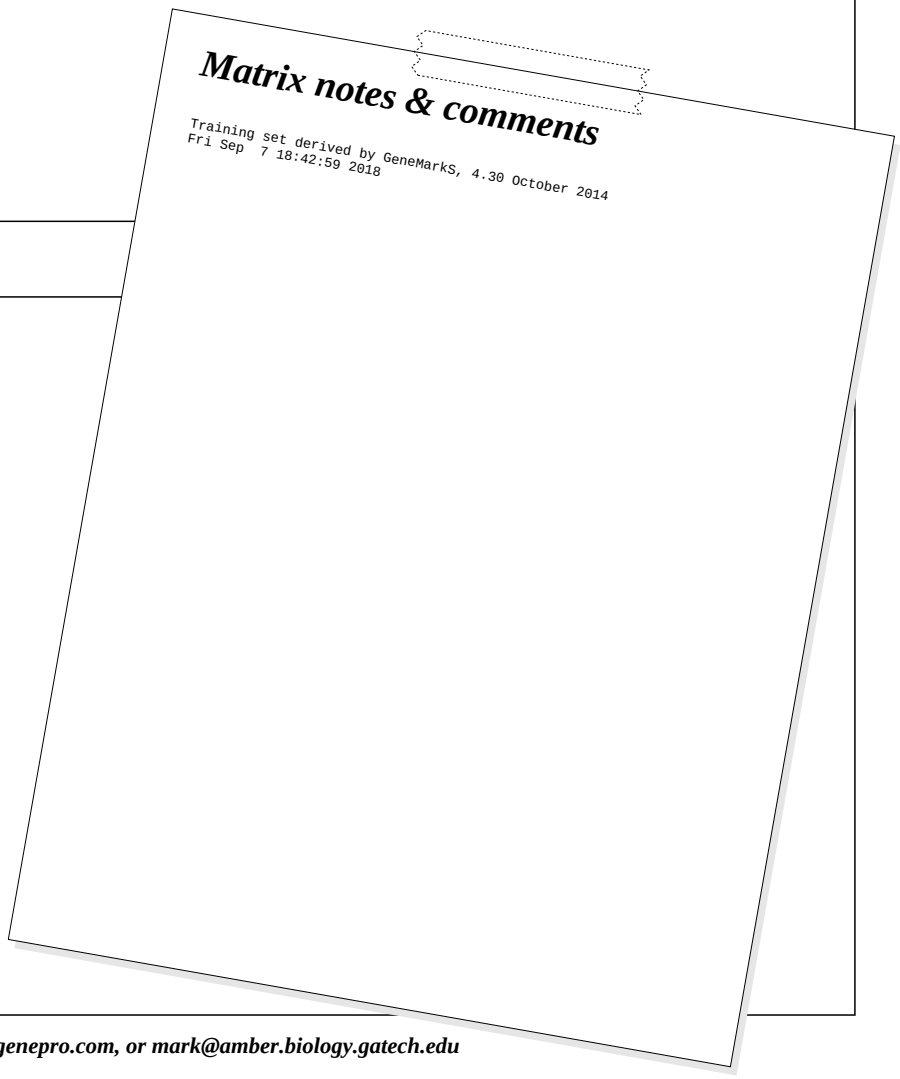
PROGRAM INFORMATION

```
Sequence         :  Microbacterium phage Casend complete sequence, 62461 bp including 204 bp terminal repeat, C
Analysis Date    :  3/29/24 at 2:51:32
Pages            :  31
Sequence Length  :  62461 bp
GC Content       :   66.94%

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,
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MATRIX INFORMATION

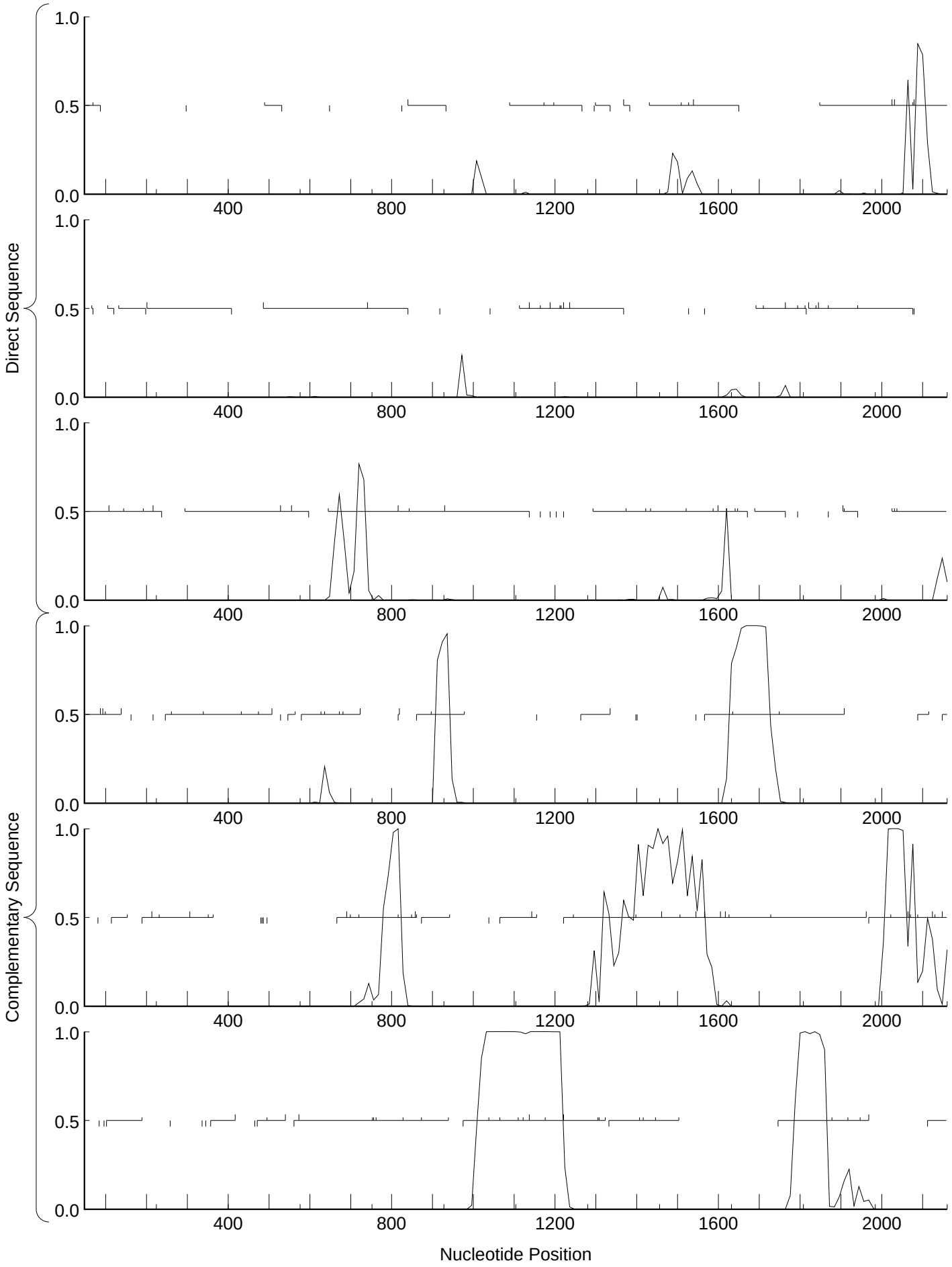
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Matrix     :  -
Author     :  -

Order      :  4
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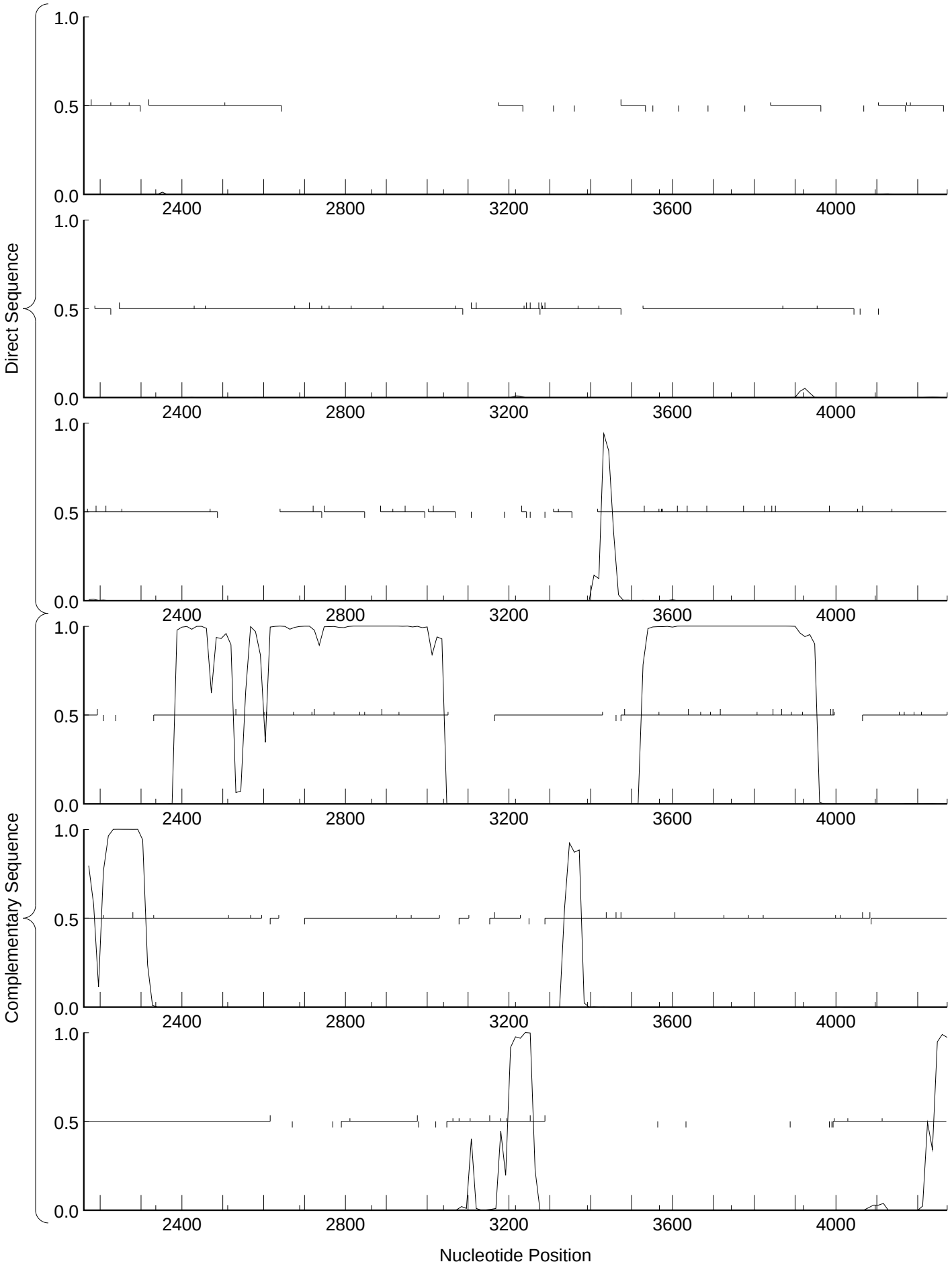

```
  Send questions / comments to:
      Dr. M. Borodovsky
      Georgia Institute of Technology
      School of Biology
      Atlanta, GA  30332-0230
```


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

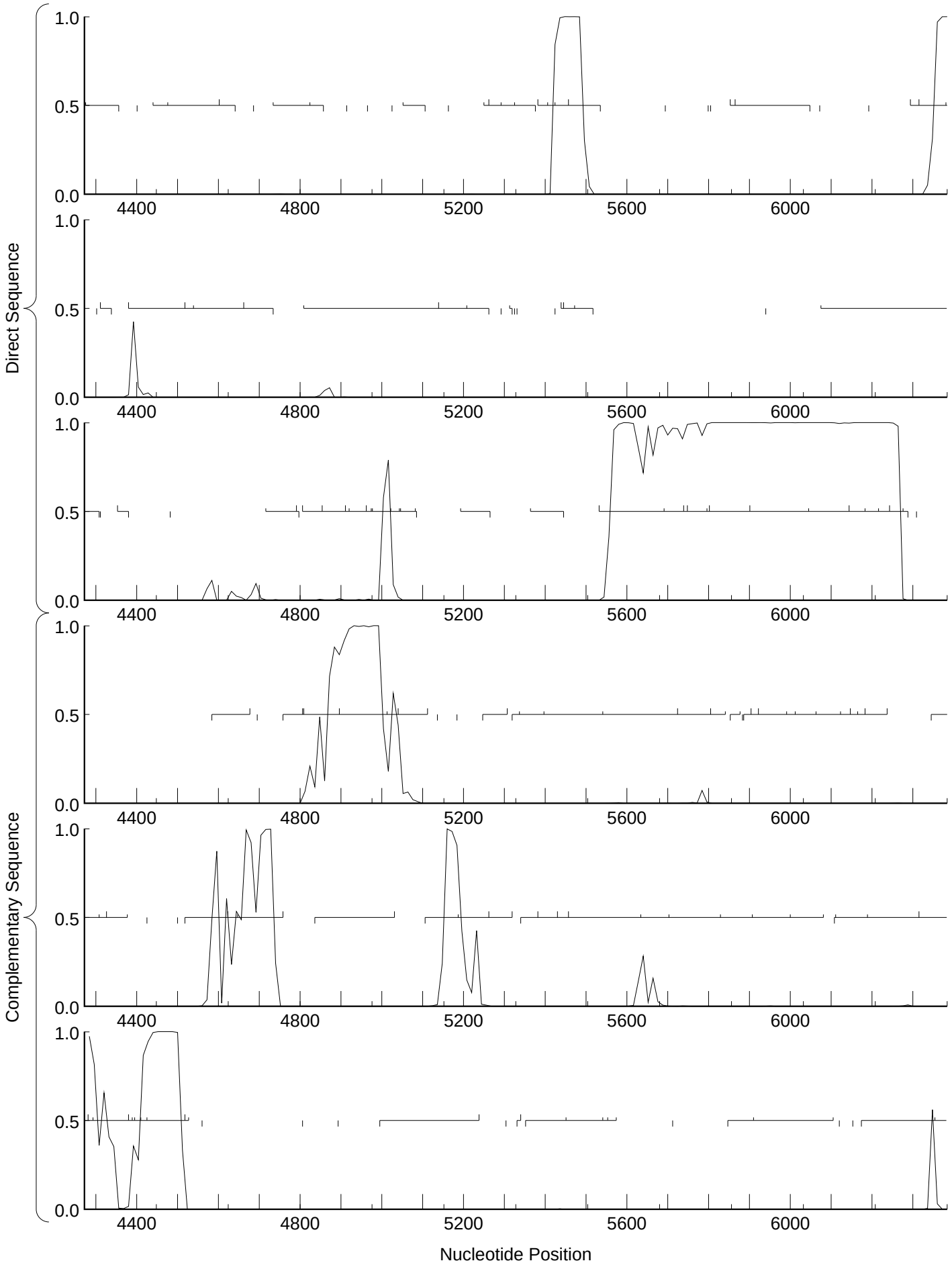
m phage Casend complete sequence, 62461 bp including 204 bp terminal repeat, Cluster EG, Order 4, Window 96, Step 12, 2/31



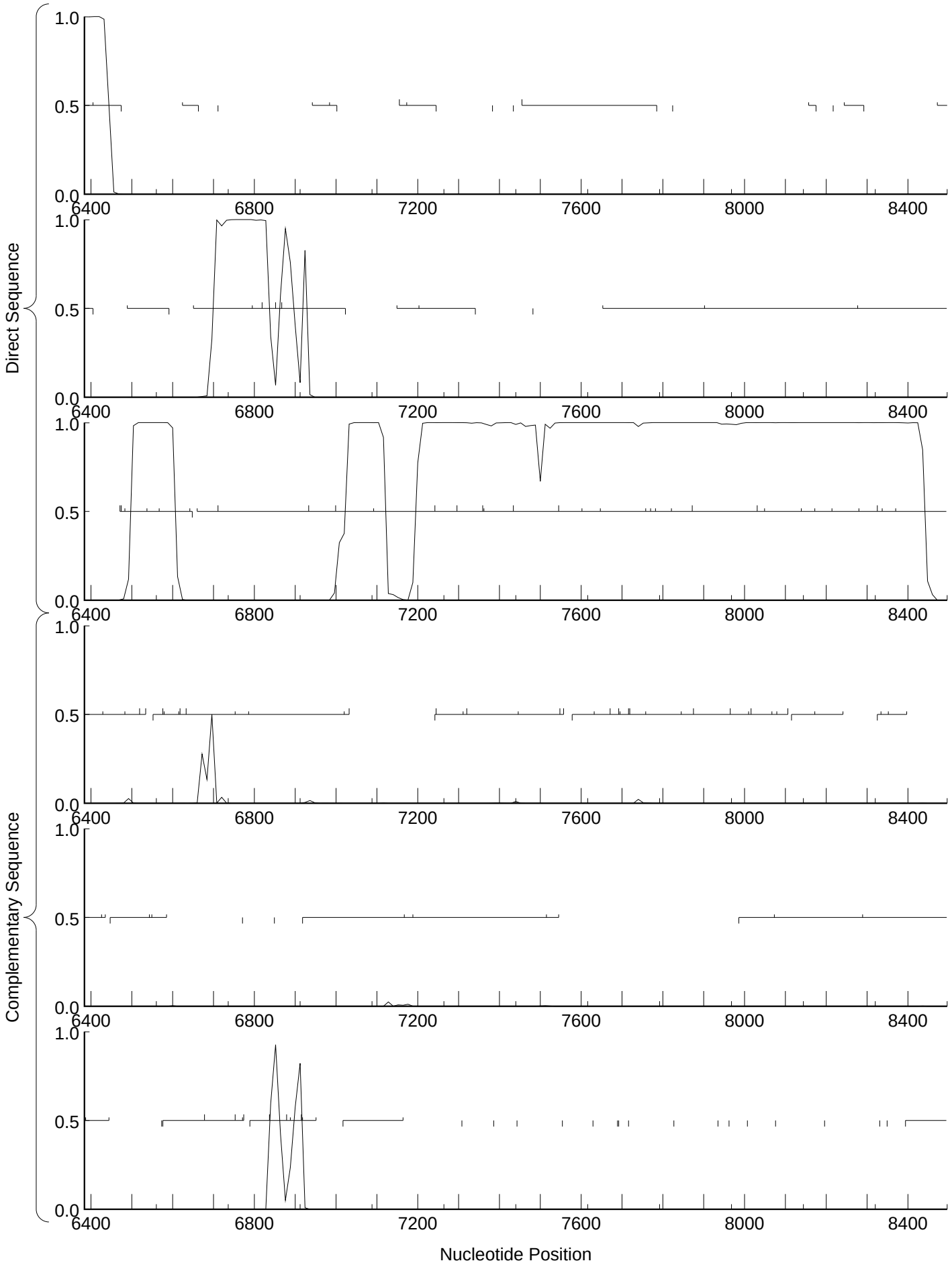
m phage Casend complete sequence, 62461 bp including 204 bp terminal repeat, Cluster EG, Order 4, Window 96, Step 12, 3/31



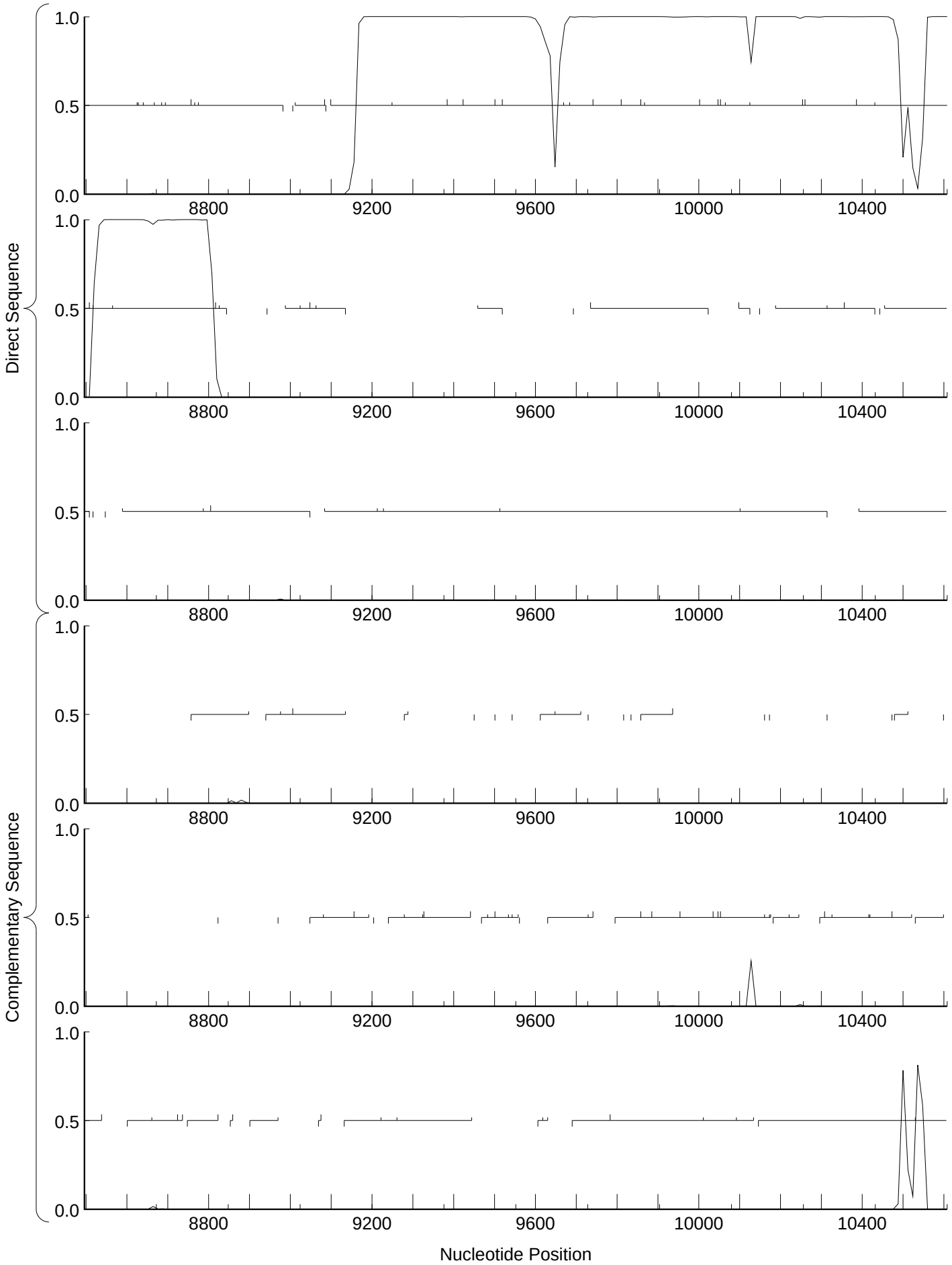
m phage Casend complete sequence, 62461 bp including 204 bp terminal repeat, Cluster EG, Order 4, Window 96, Step 12, 4/31



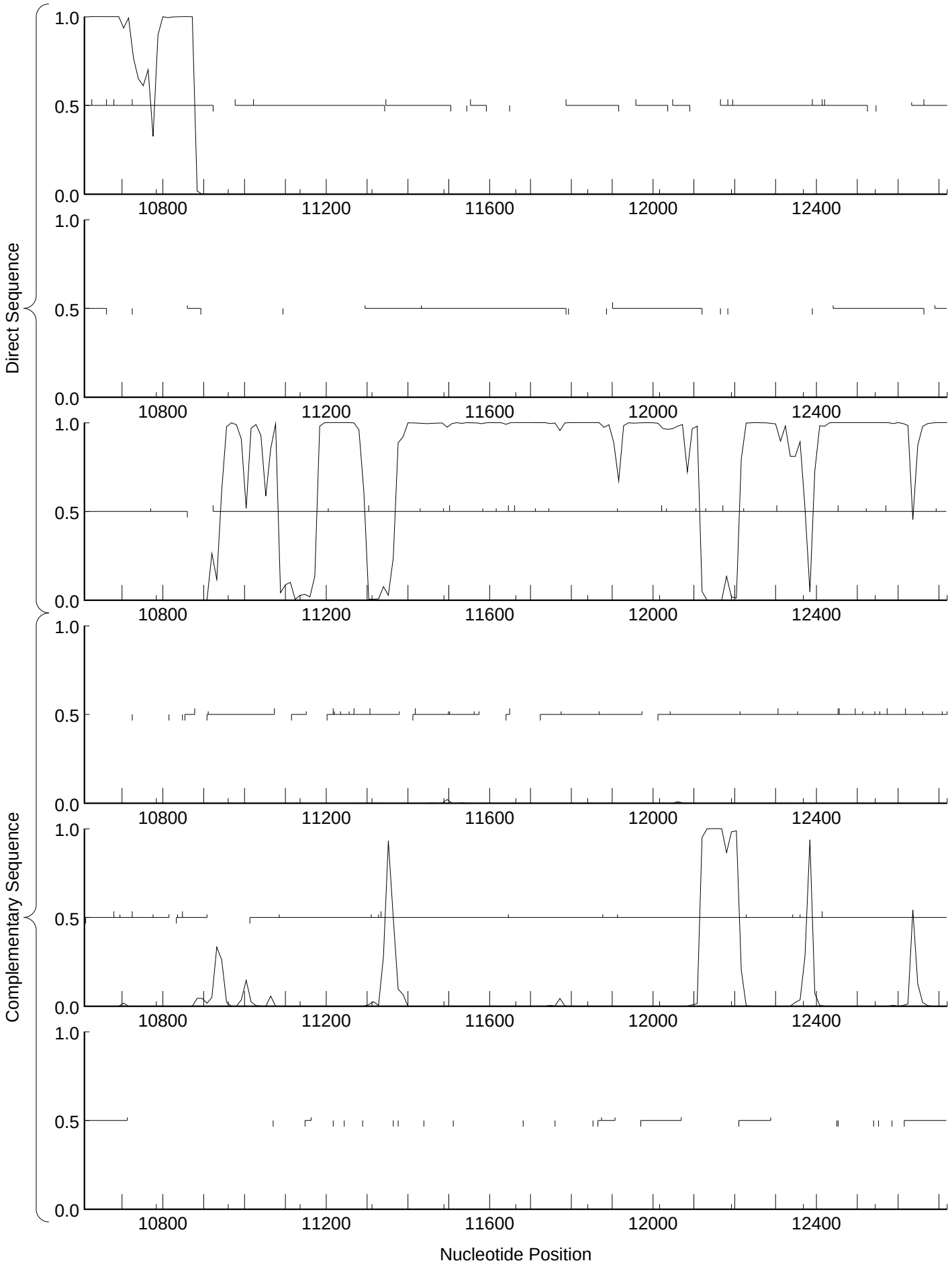
m phage Casend complete sequence, 62461 bp including 204 bp terminal repeat, Cluster EG, Order 4, Window 96, Step 12, 5/31



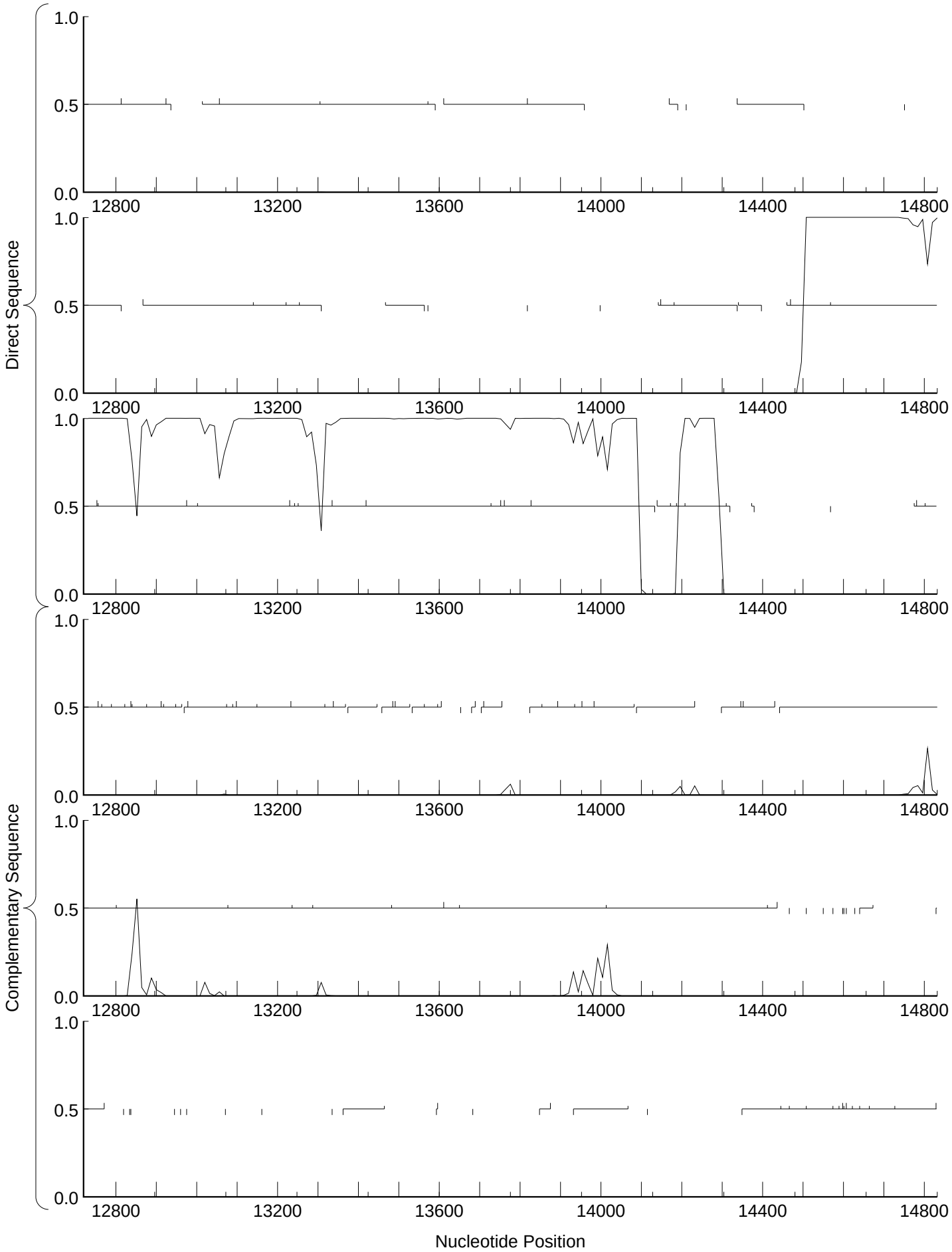
m phage Casend complete sequence, 62461 bp including 204 bp terminal repeat, Cluster EG, Order 4, Window 96, Step 12, 6/31



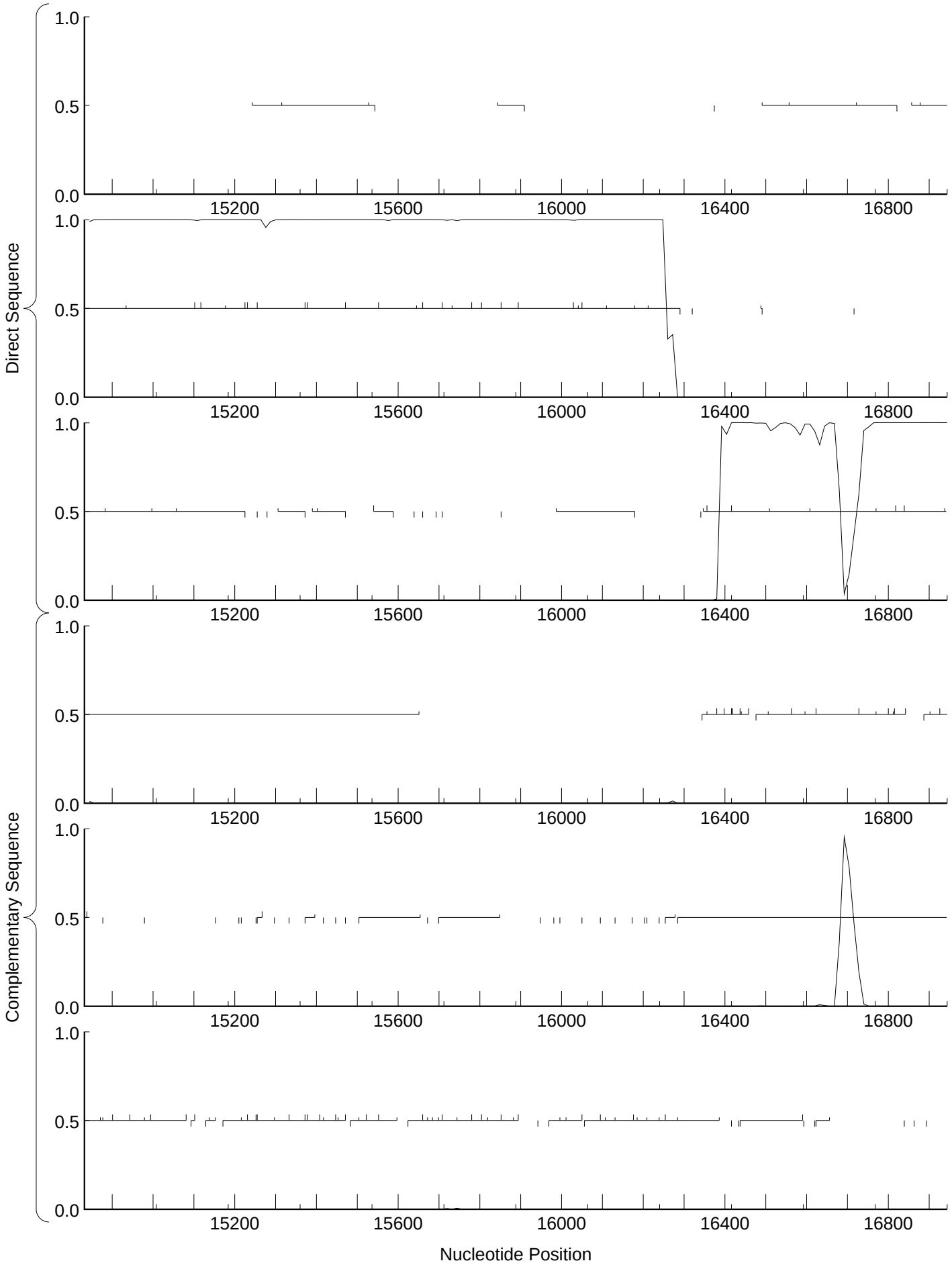
m phage Casend complete sequence, 62461 bp including 204 bp terminal repeat, Cluster EG, Order 4, Window 96, Step 12, 7/31

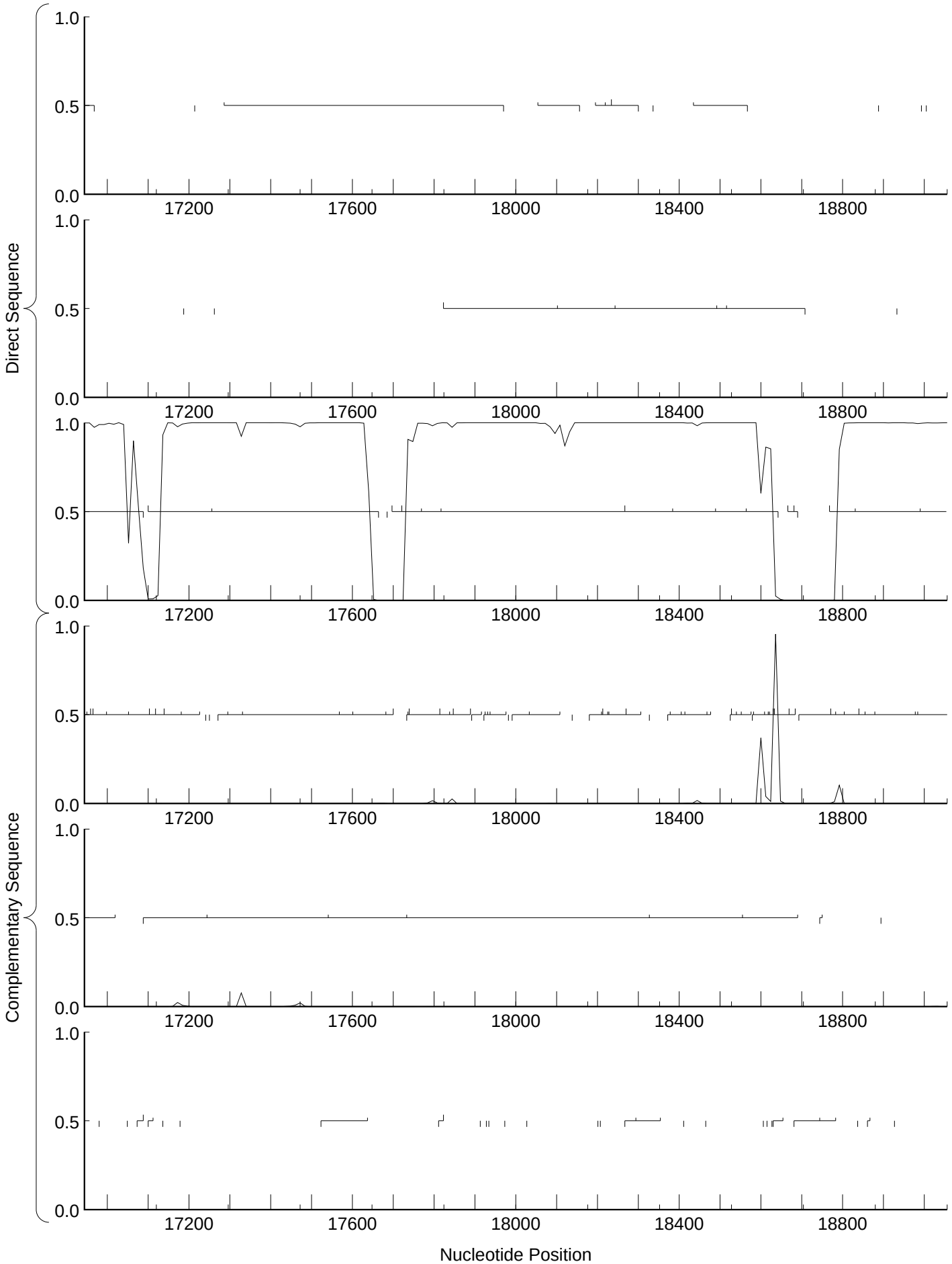


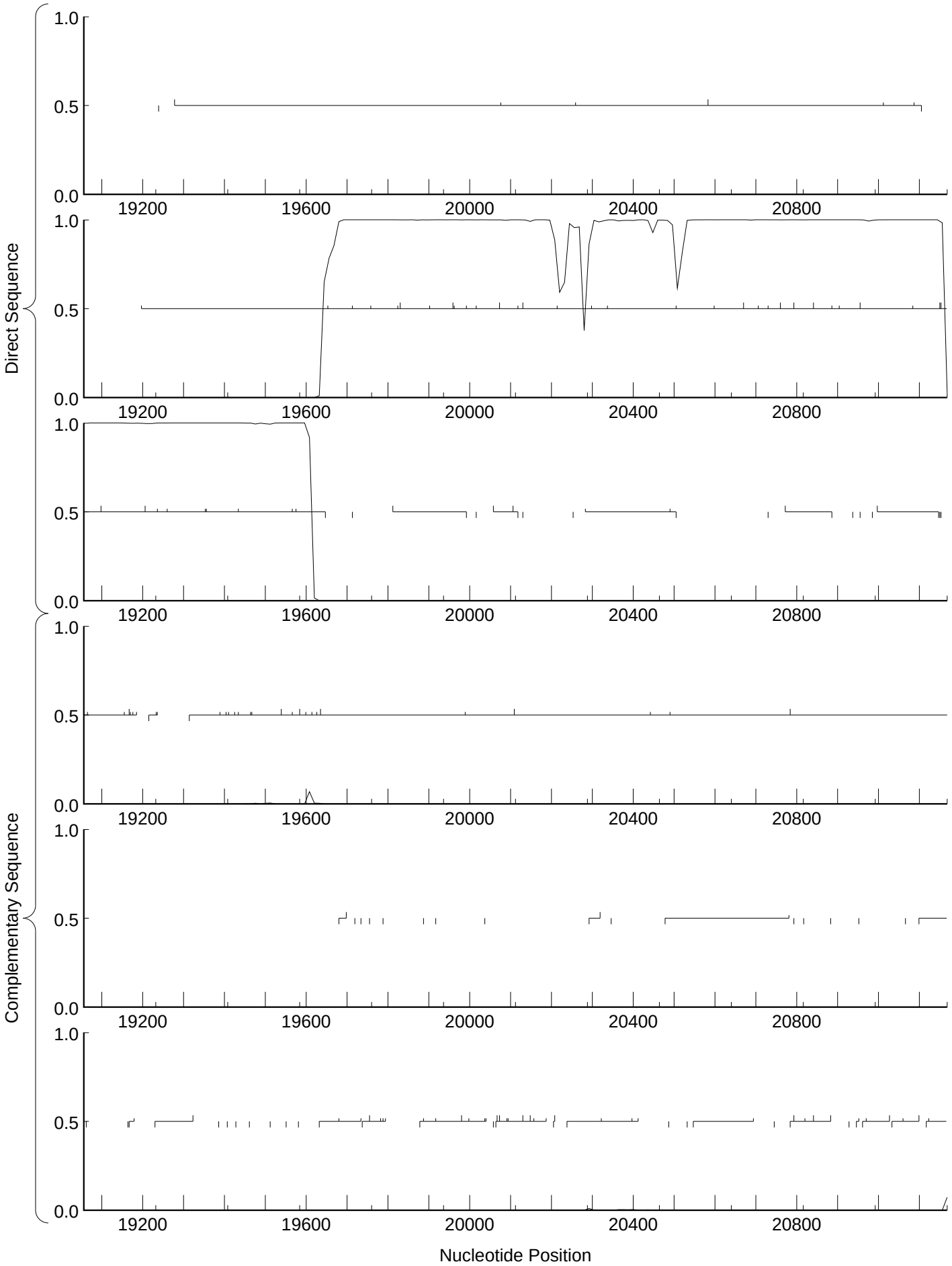
m phage Casend complete sequence, 62461 bp including 204 bp terminal repeat, Cluster EG, Order 4, Window 96, Step 12, 8/31



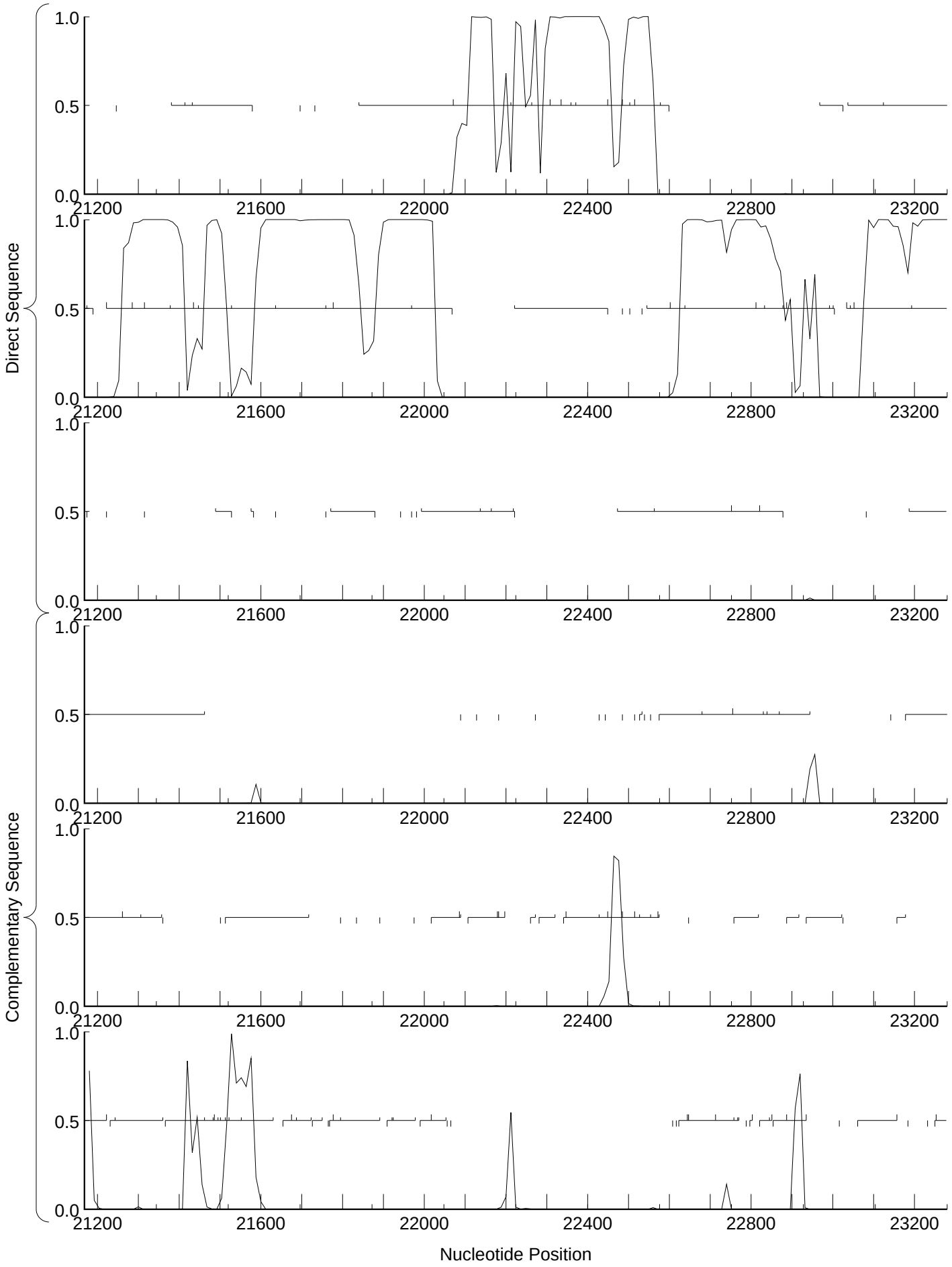
m phage Casend complete sequence, 62461 bp including 204 bp terminal repeat, Cluster EG, Order 4, Window 96, Step 12, 9/31



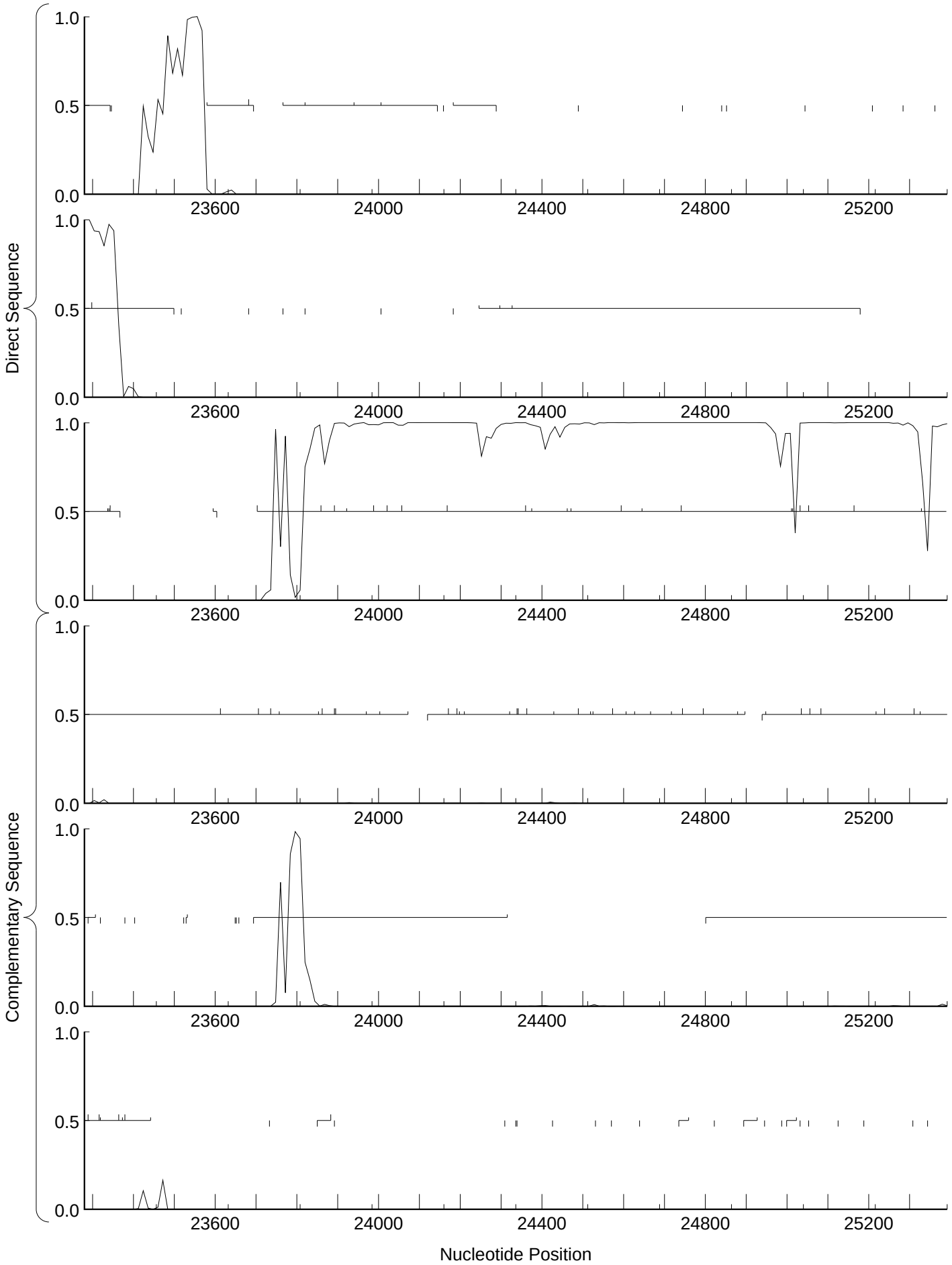

Direct Sequence
Complementary Sequence
1.0
0.5
0.0
17200
17600
18000
18400
18800
Nucleotide Position


Direct Sequence
Complementary Sequence
1.0
0.5
0.0
19200
19600
20000
20400
20800
Nucleotide Position

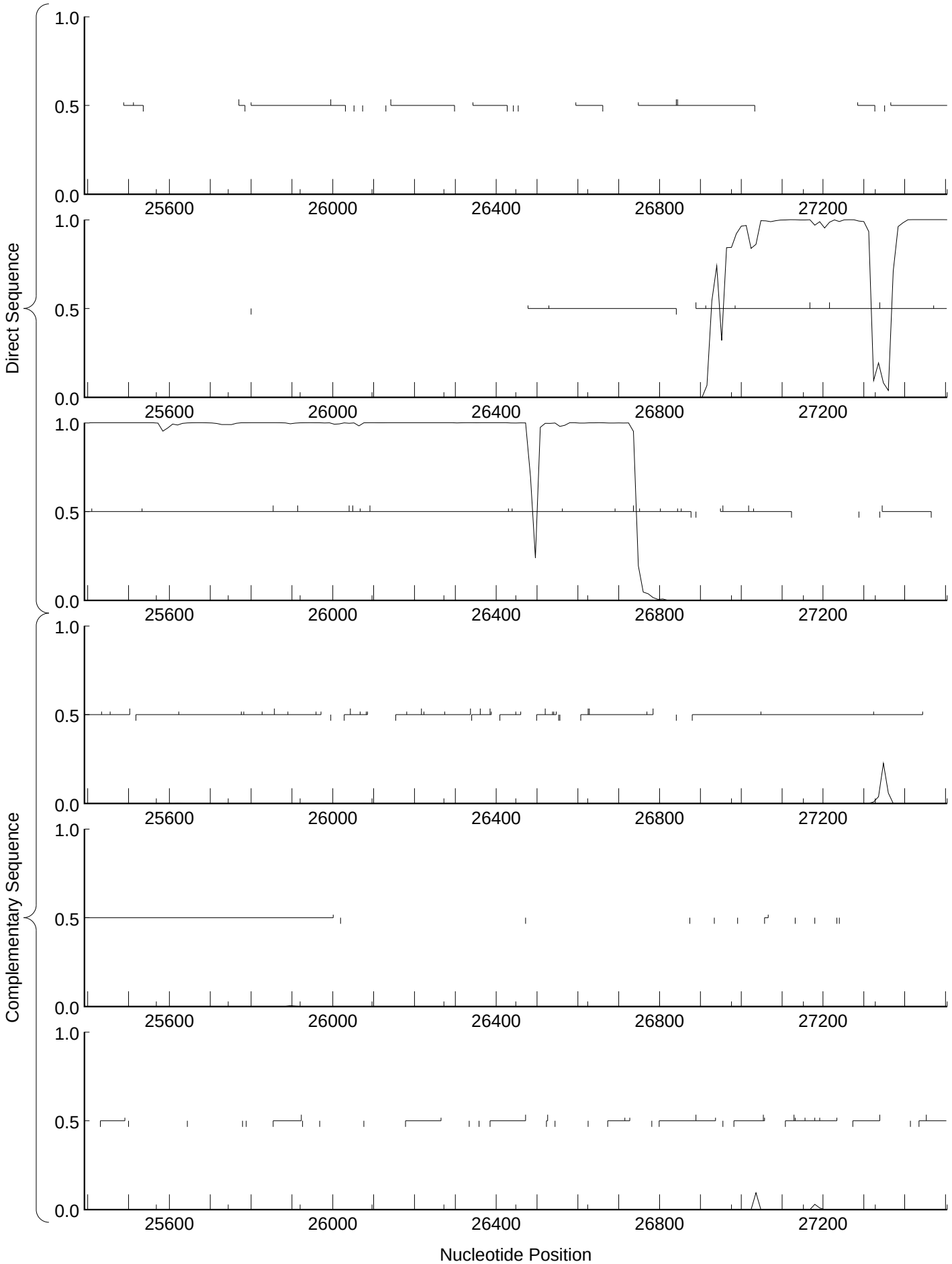
n phage Casend complete sequence, 62461 bp including 204 bp terminal repeat, Cluster EG, Order 4, Window 96, Step 12, 12/31

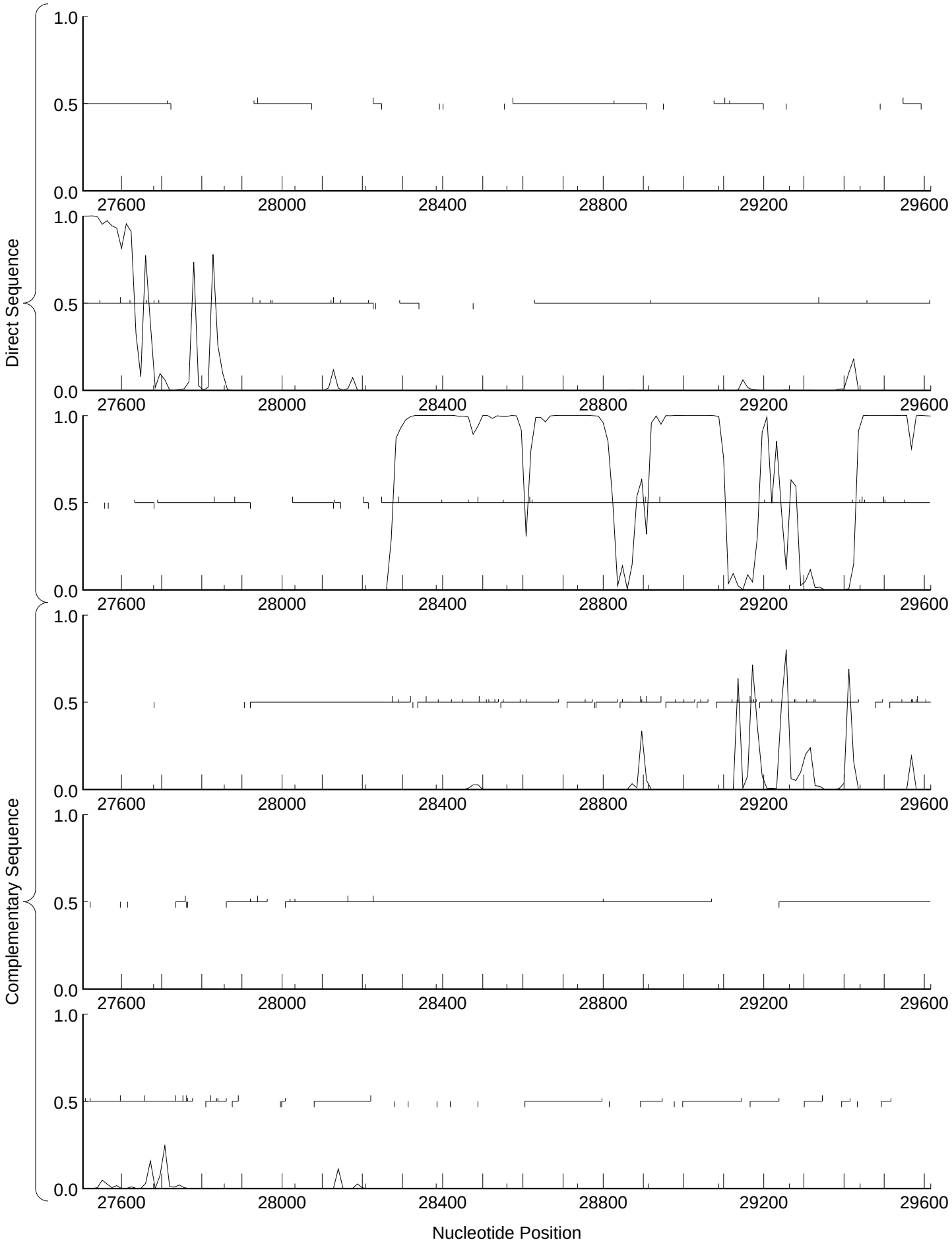


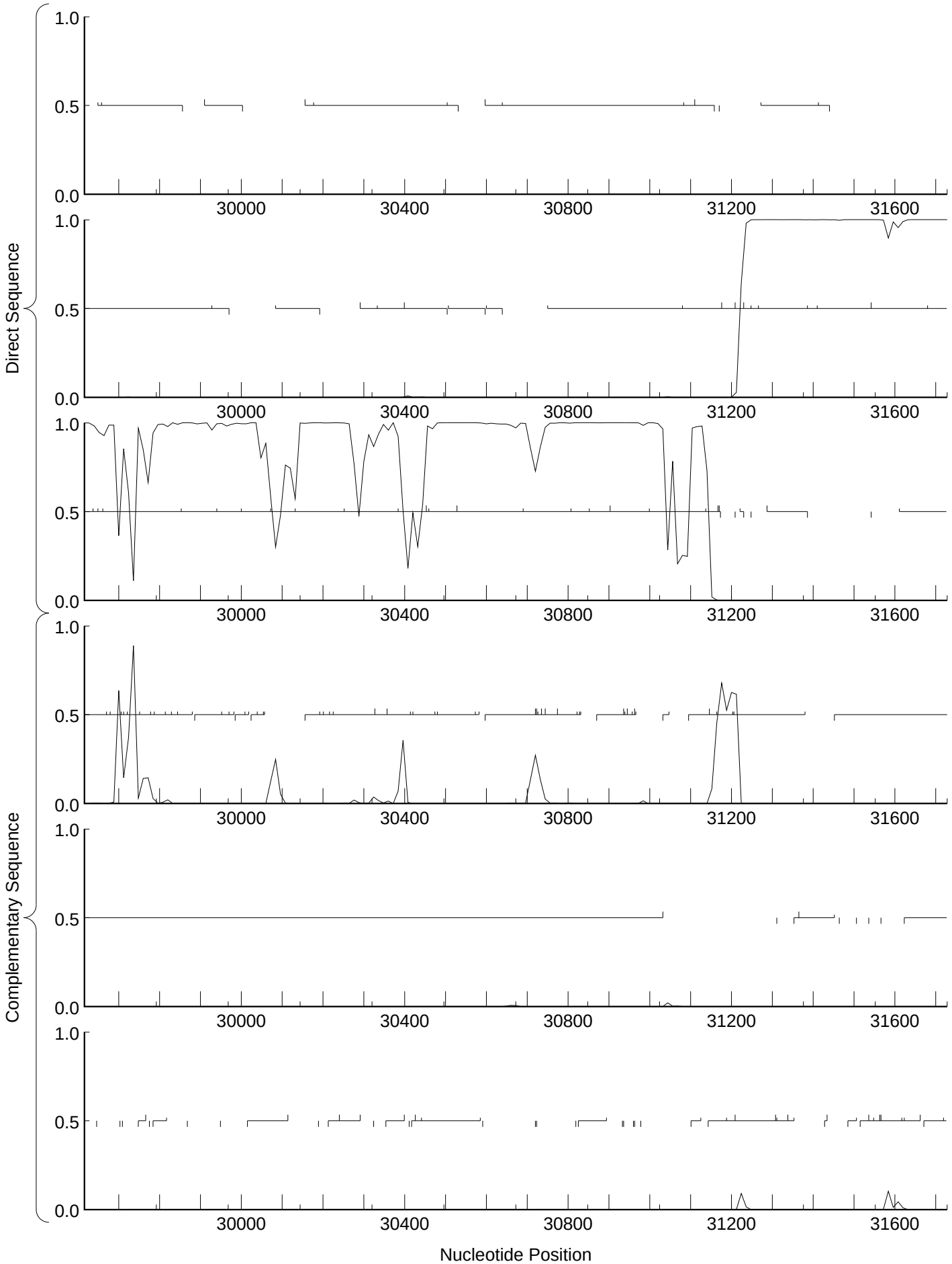
n phage Casend complete sequence, 62461 bp including 204 bp terminal repeat, Cluster EG, Order 4, Window 96, Step 12, 13/31

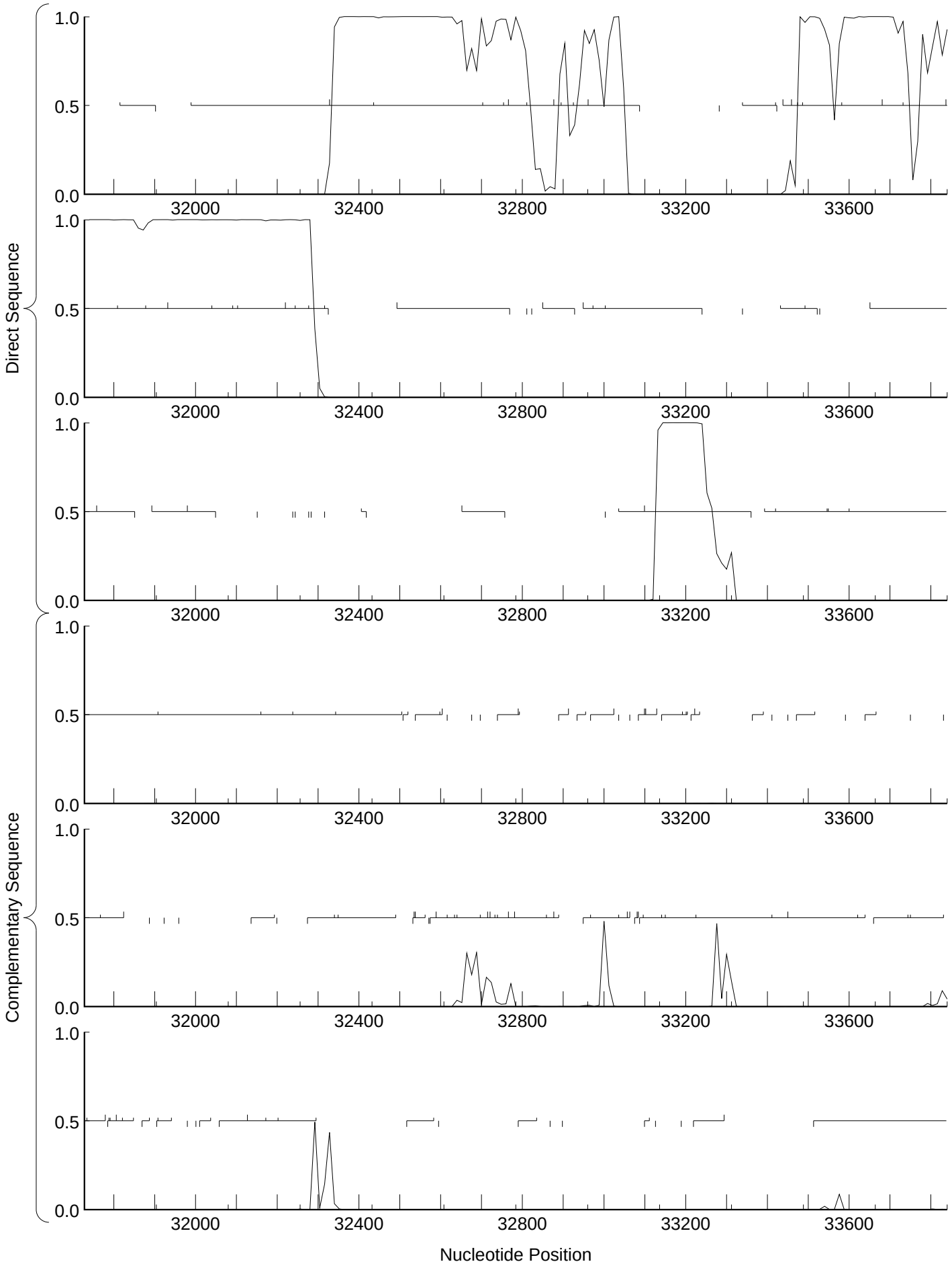


n phage Casend complete sequence, 62461 bp including 204 bp terminal repeat, Cluster EG, Order 4, Window 96, Step 12, 14/31

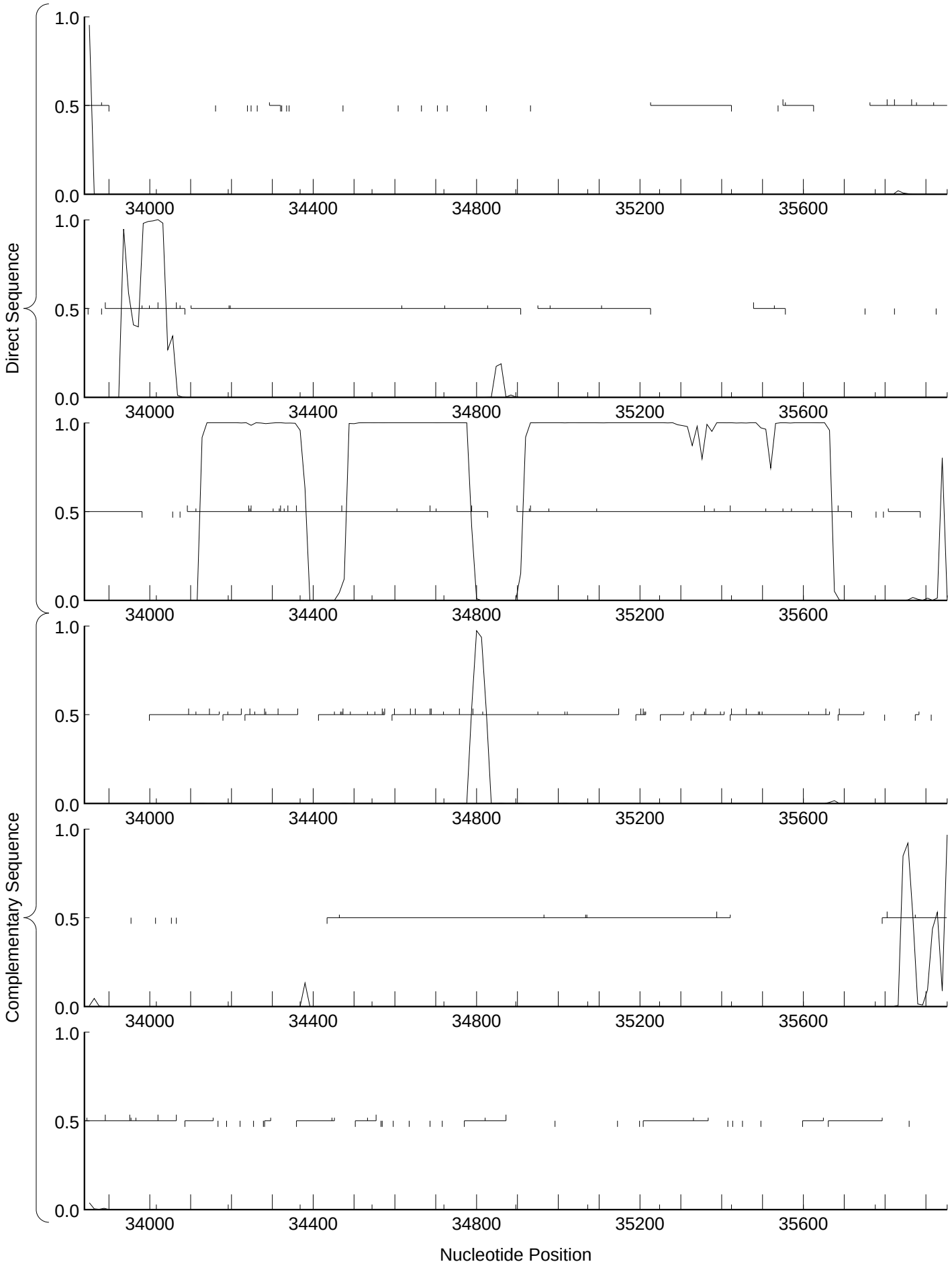



Direct Sequence
Complementary Sequence
1.0
0.5
0.0
27600
28000
28400
28800
29200
29600
Nucleotide Position

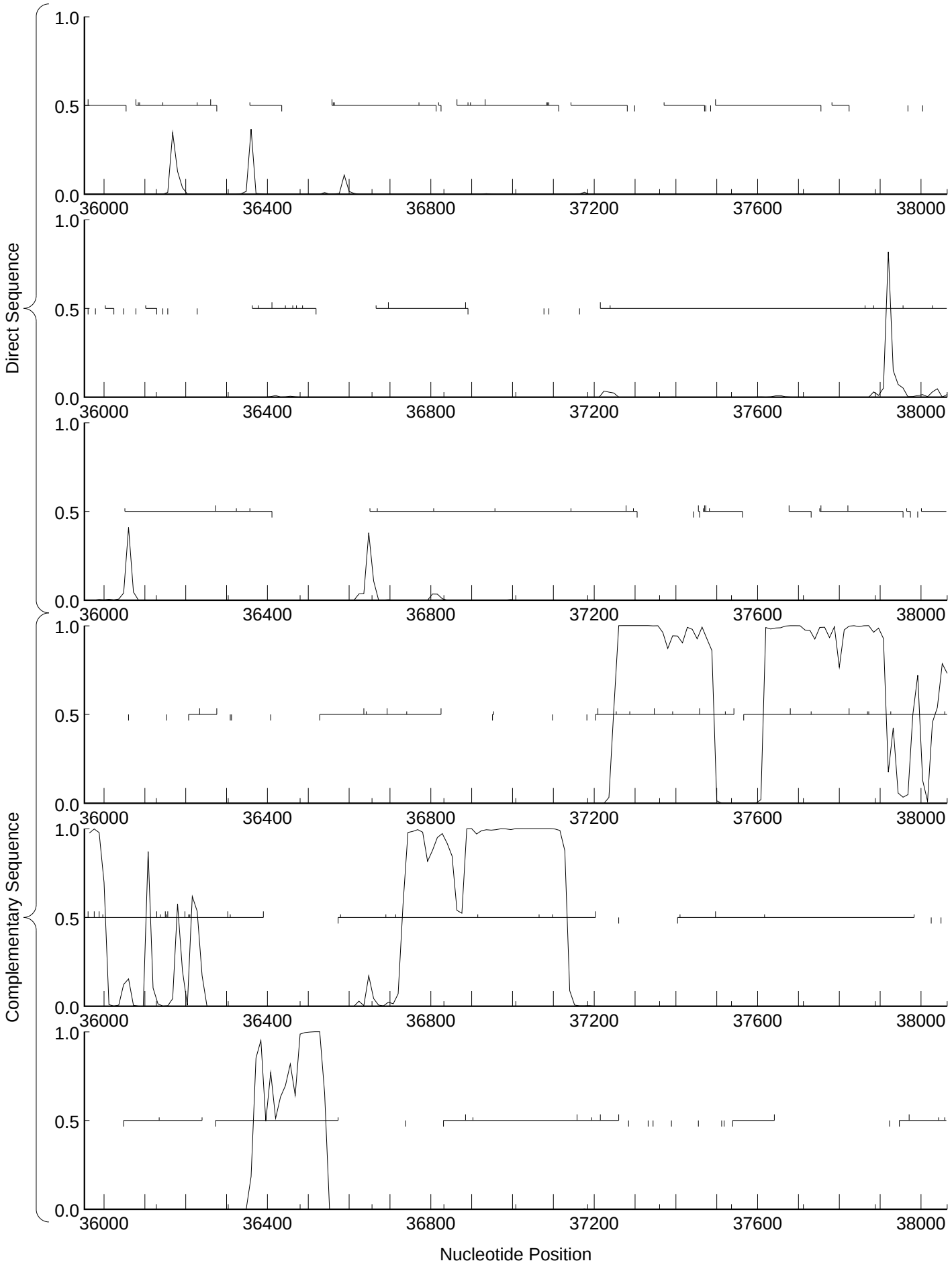

Direct Sequence
Complementary Sequence
1.0
0.5
0.0
30000
30400
30800
31200
31600
Nucleotide Position

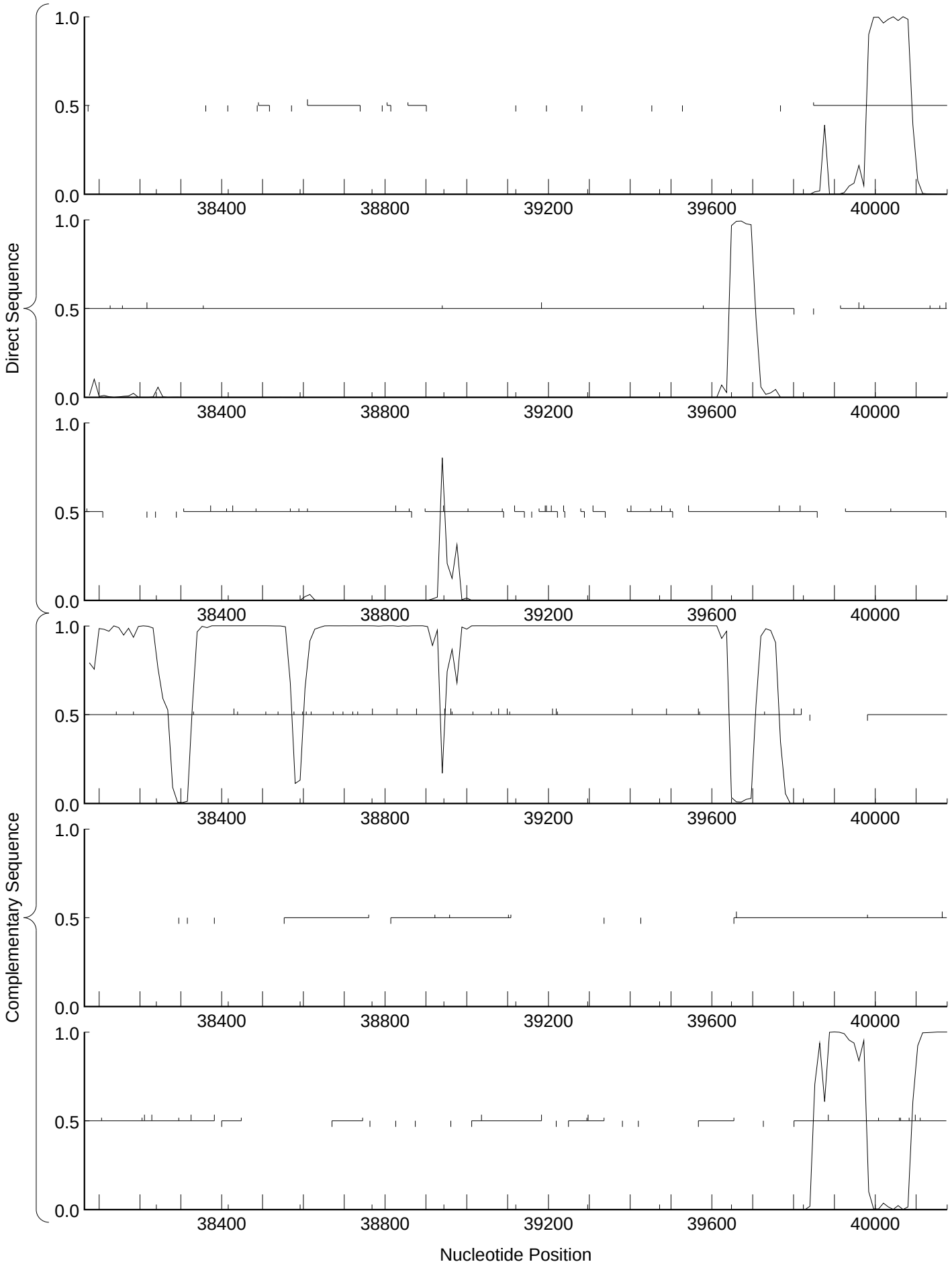

Direct Sequence
Complementary Sequence
1.0
0.5
0.0
32000
32400
32800
33200
33600
Nucleotide Position

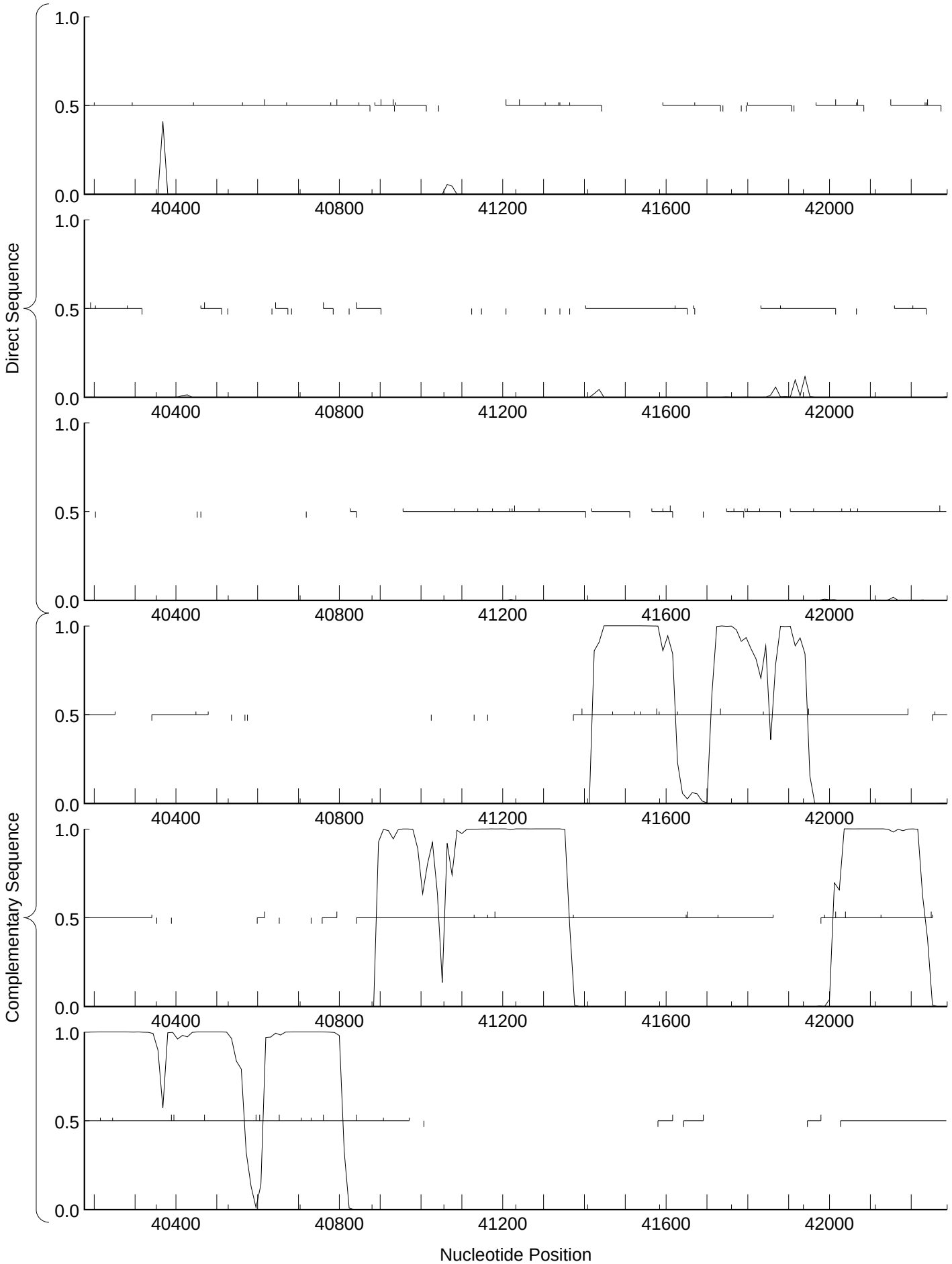
n phage Casend complete sequence, 62461 bp including 204 bp terminal repeat, Cluster EG, Order 4, Window 96, Step 12, 18/31

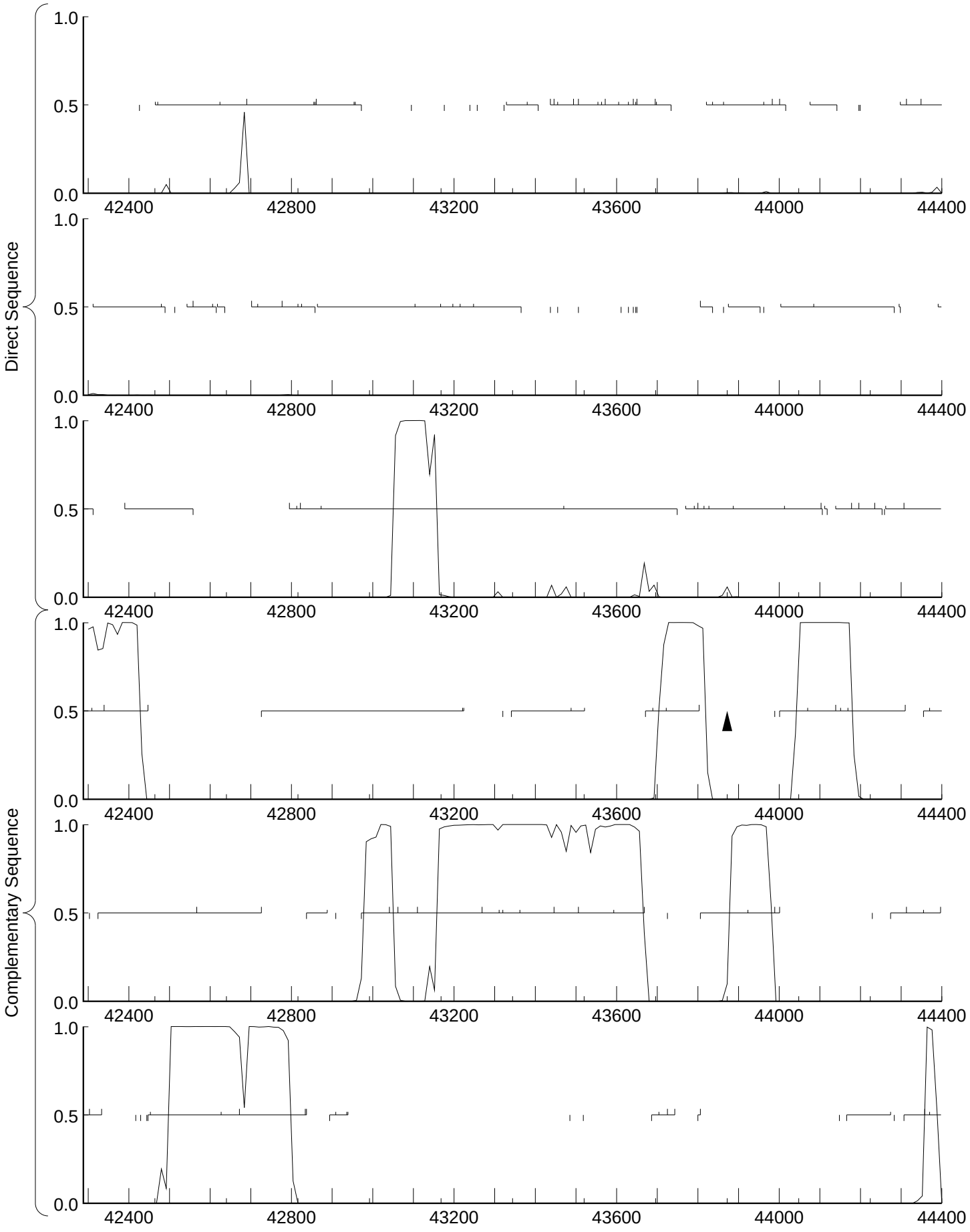


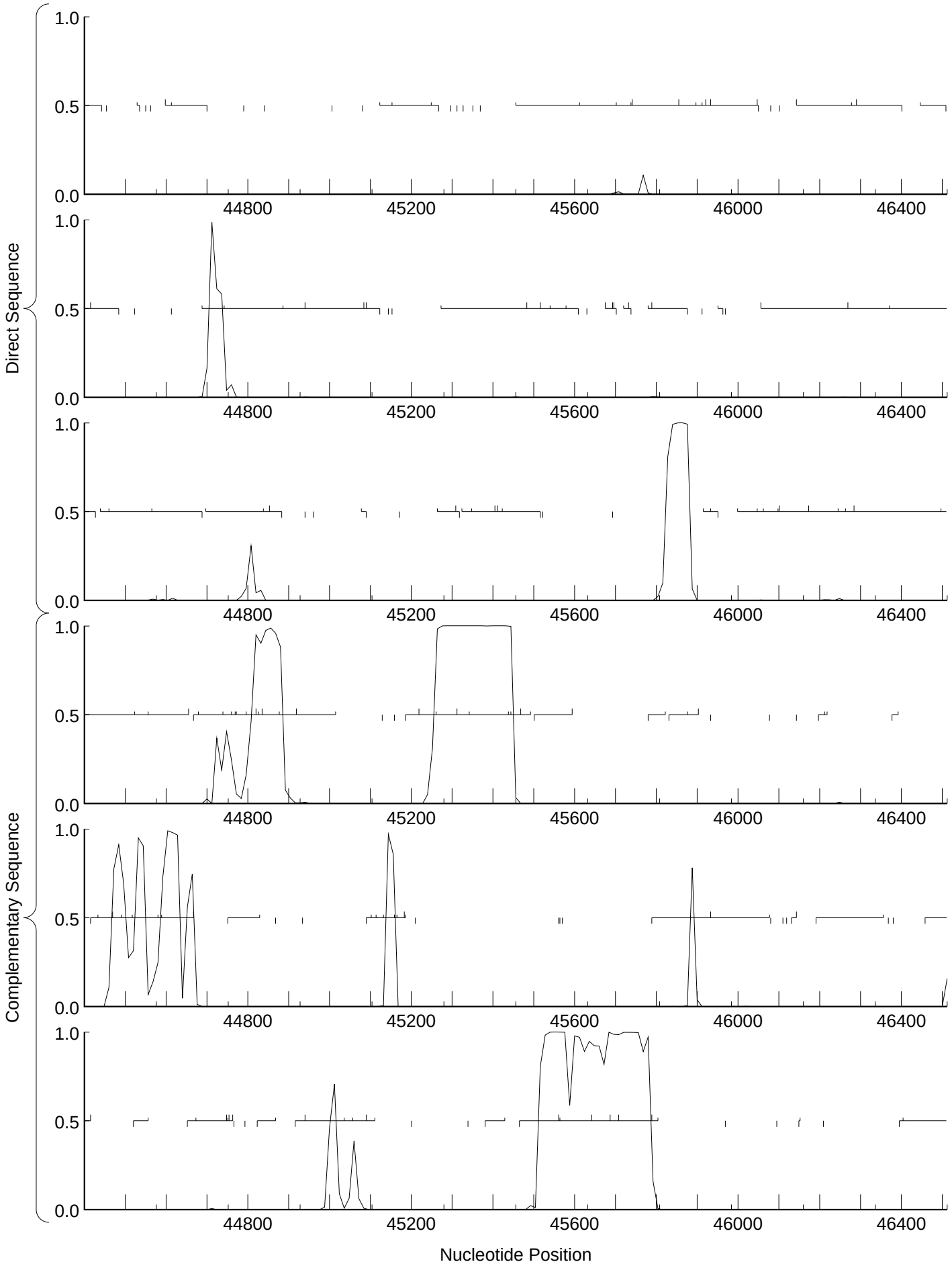
n phage Casend complete sequence, 62461 bp including 204 bp terminal repeat, Cluster EG, Order 4, Window 96, Step 12, 19/31



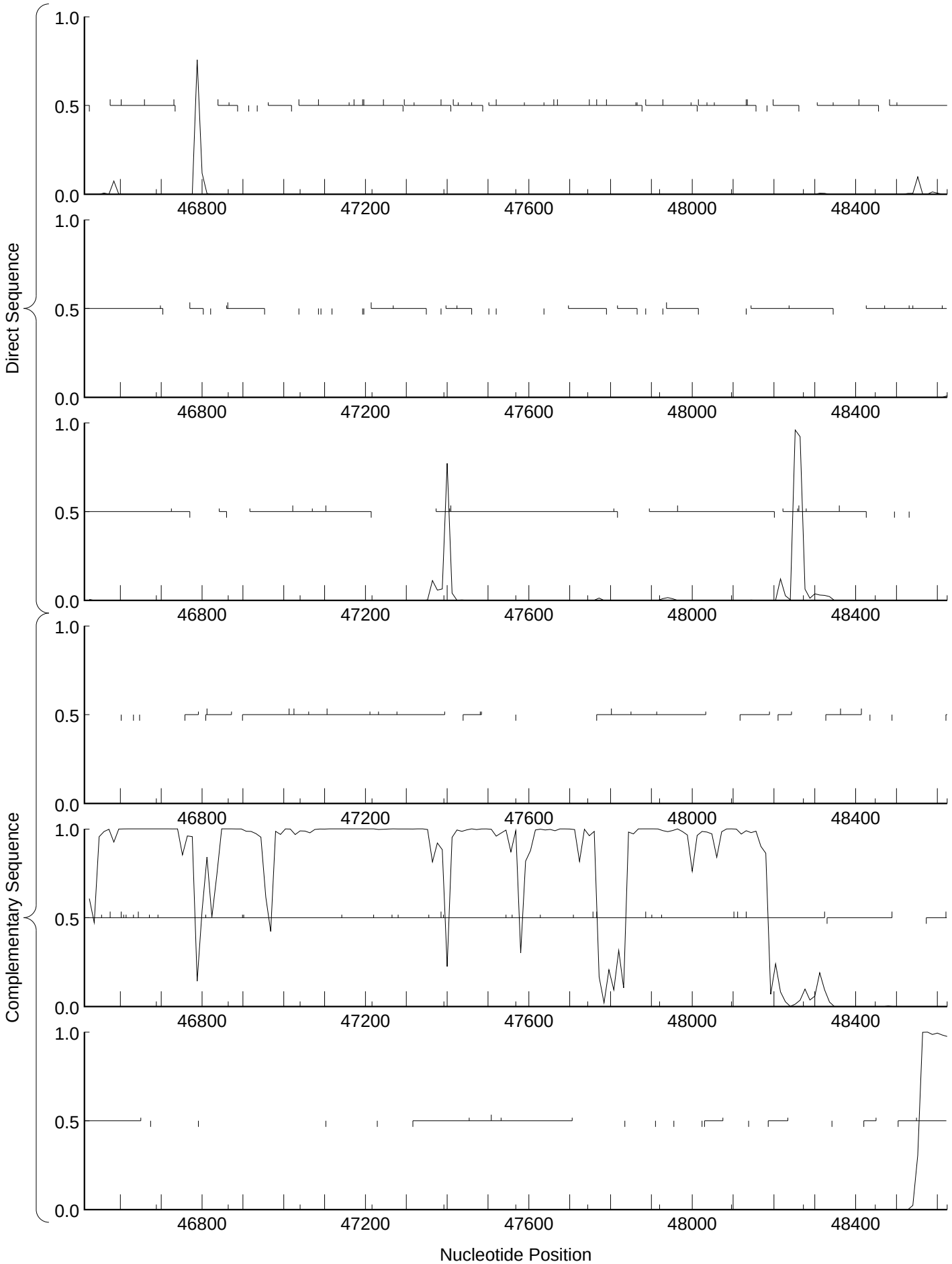

Direct Sequence
Complementary Sequence
1.0
0.5
0.0
38400
38800
39200
39600
40000
Nucleotide Position


Direct Sequence
Complementary Sequence
1.0
0.5
0.0
40400
40800
41200
41600
42000
Nucleotide Position

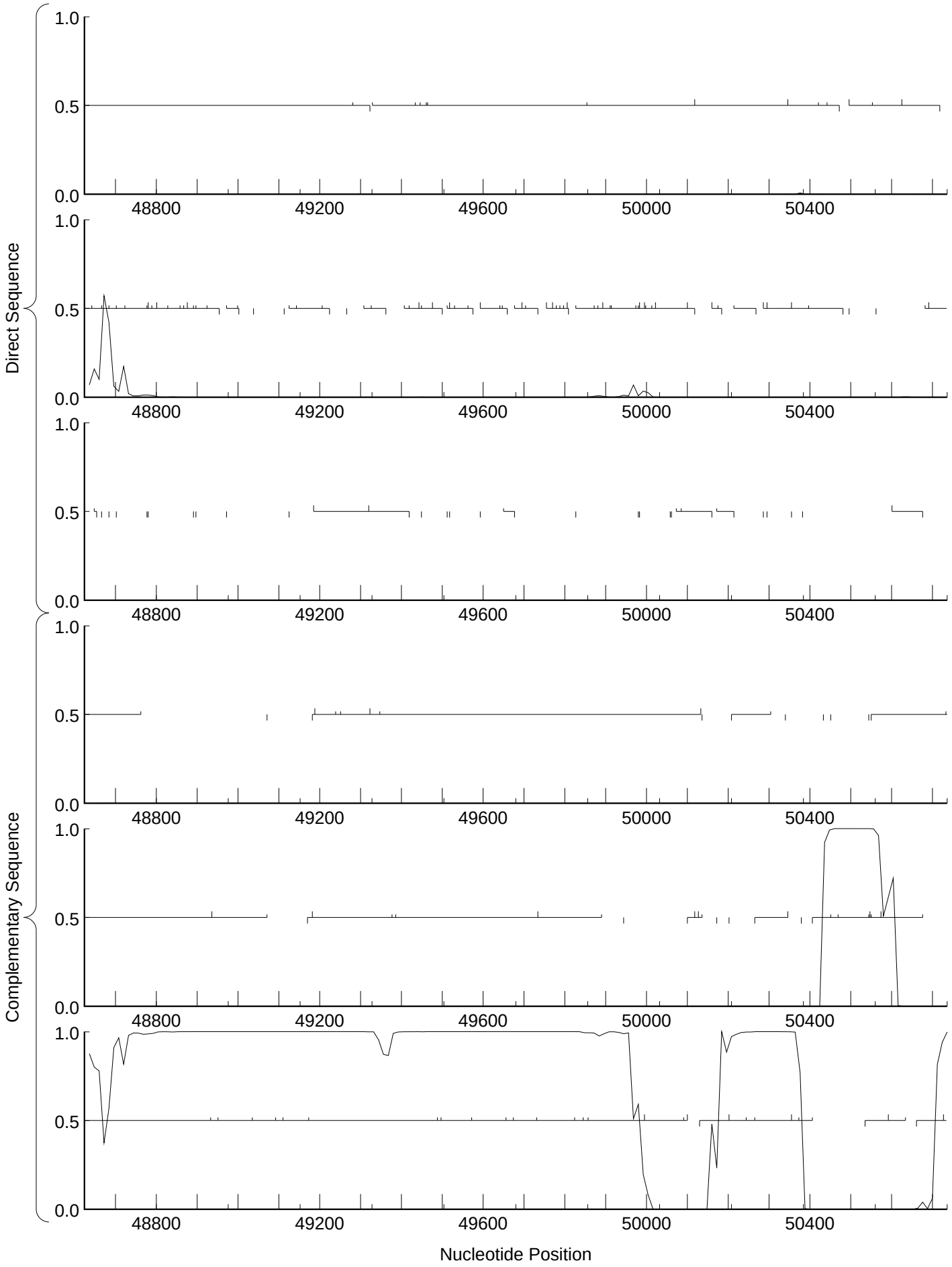

Direct Sequence
Complementary Sequence
1.0
0.5
0.0
42400
42800
43200
43600
44000
44400
Nucleotide Position

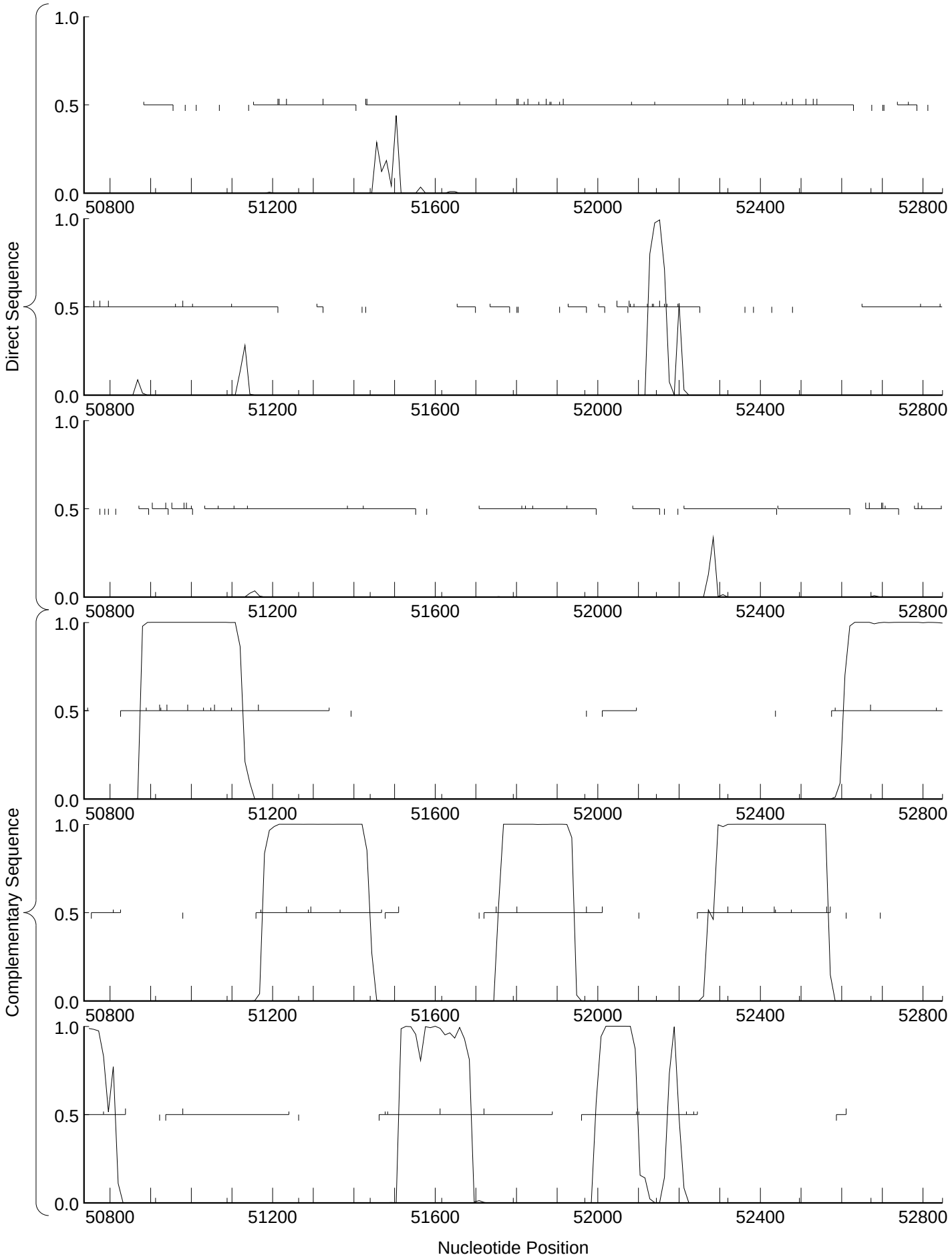

Direct Sequence
Complementary Sequence
1.0
0.5
0.0
44800
45200
45600
46000
46400
Nucleotide Position

n phage Casend complete sequence, 62461 bp including 204 bp terminal repeat, Cluster EG, Order 4, Window 96, Step 12, 24/31

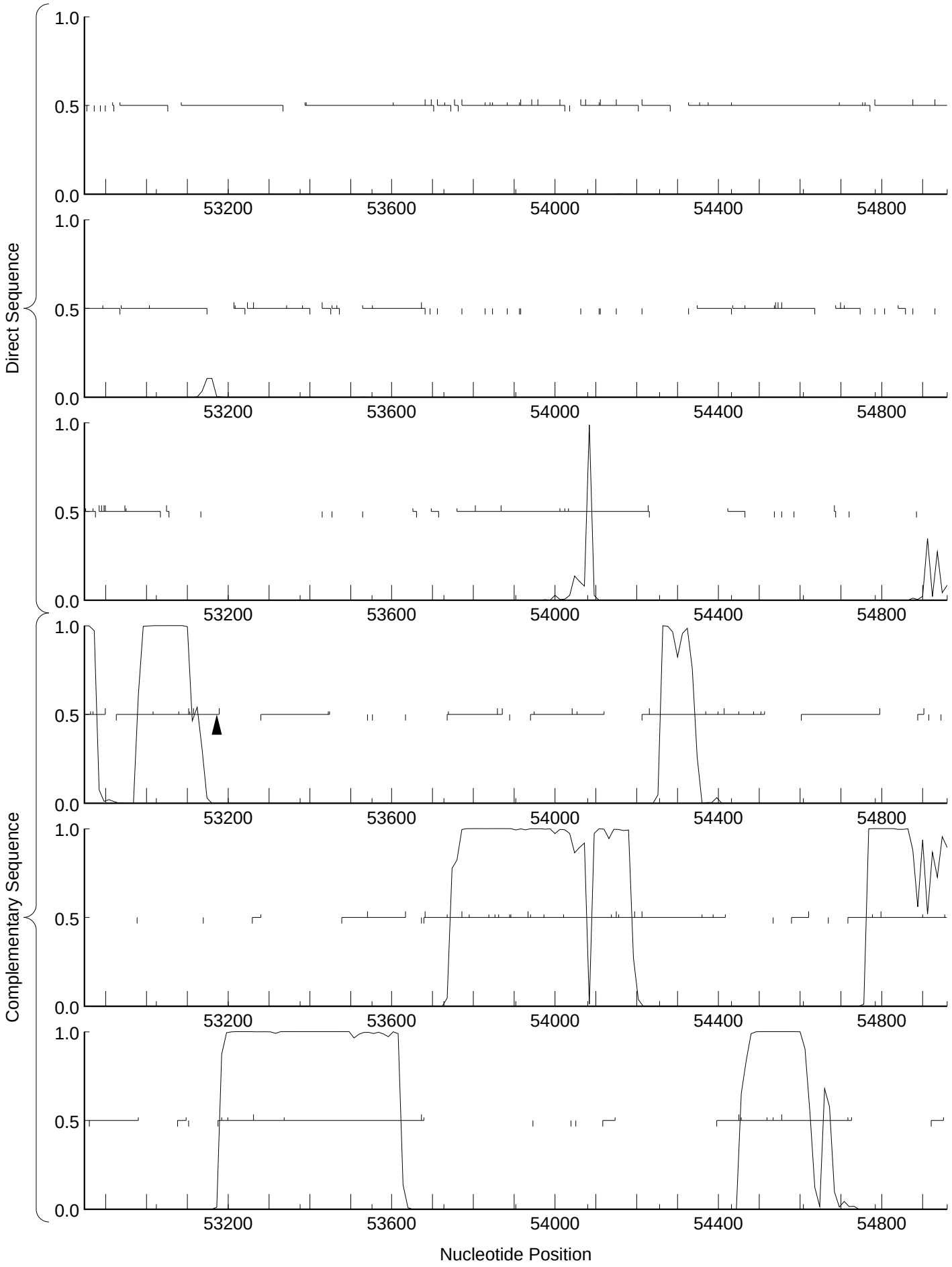


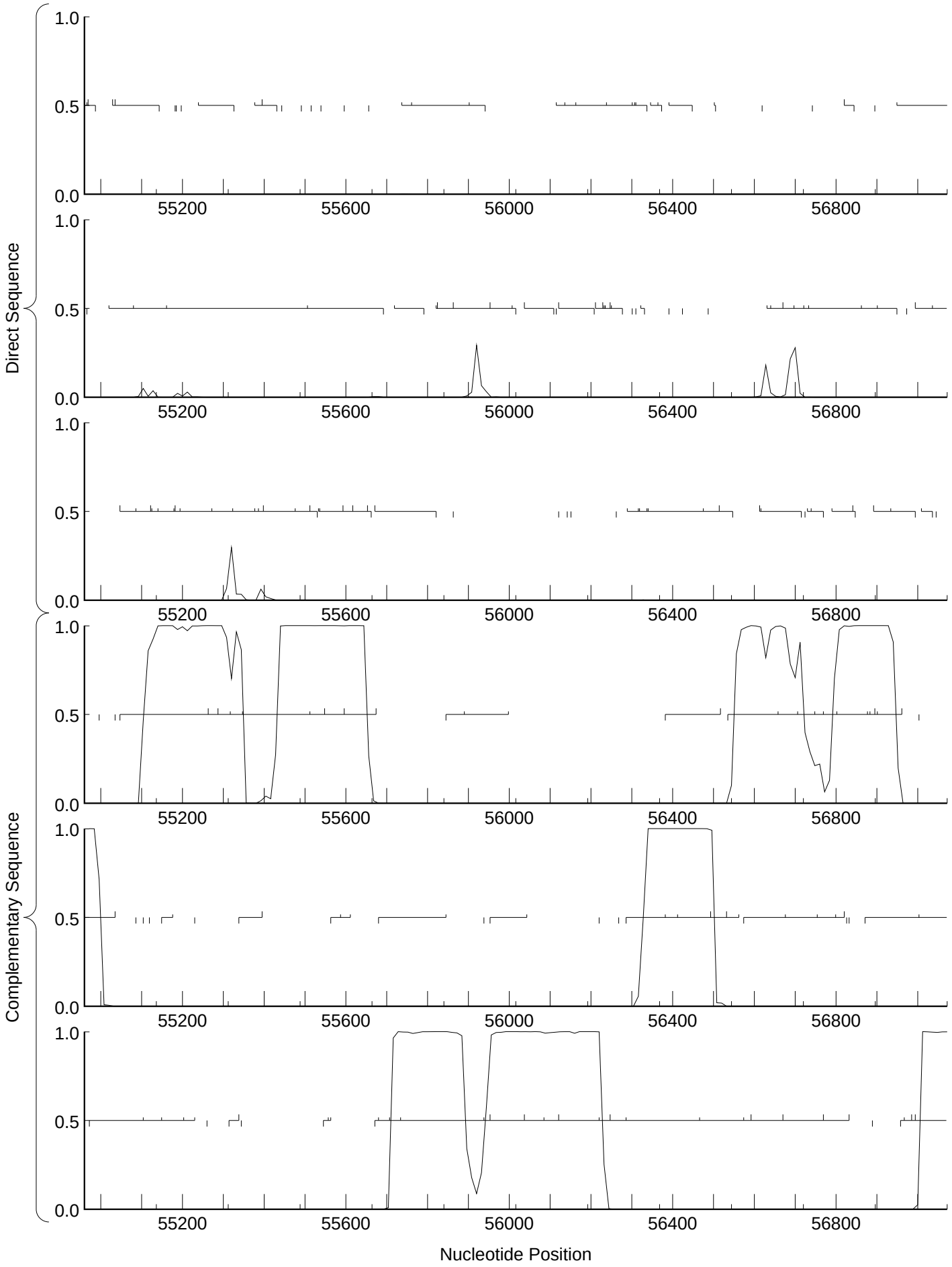
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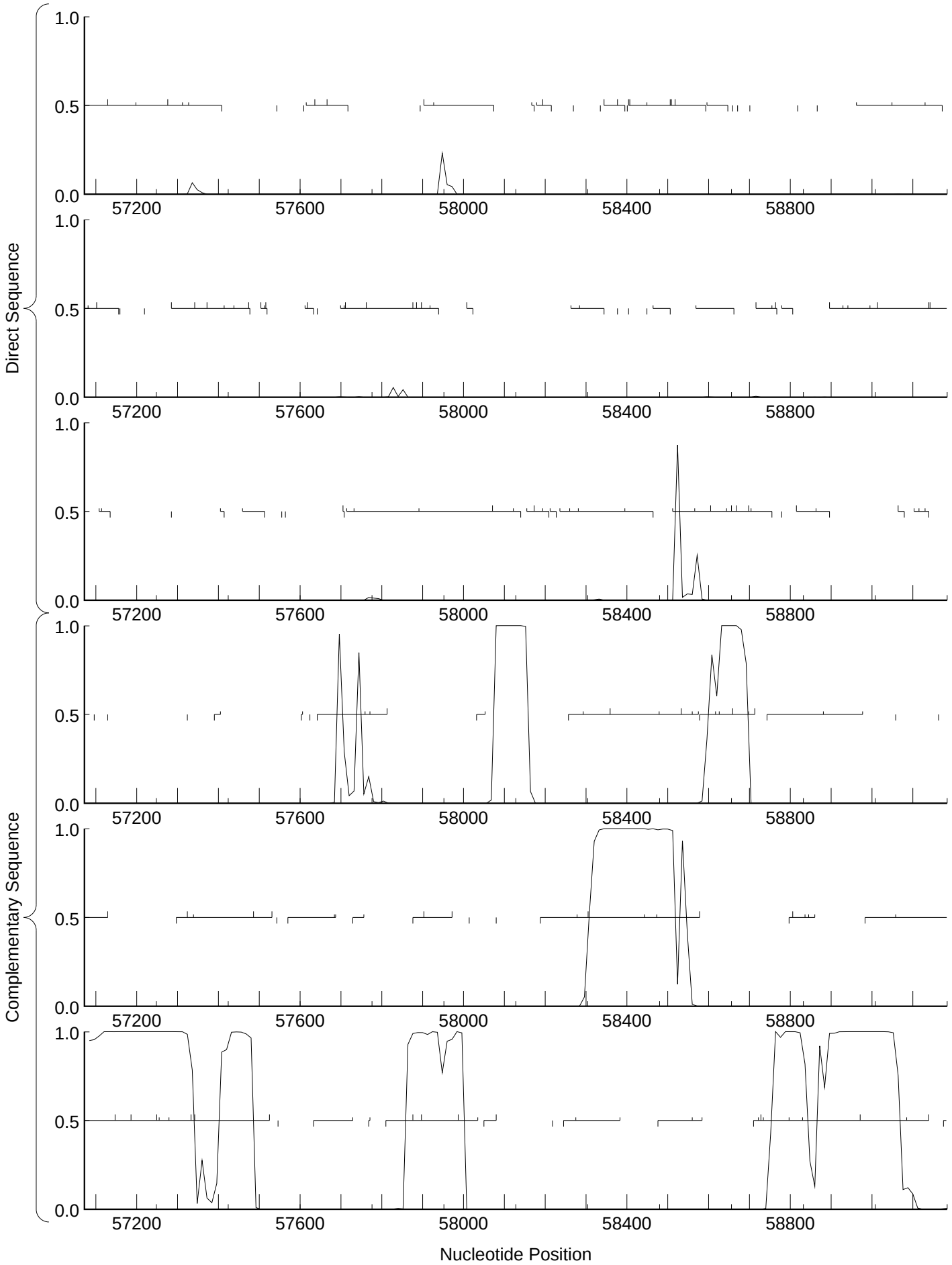


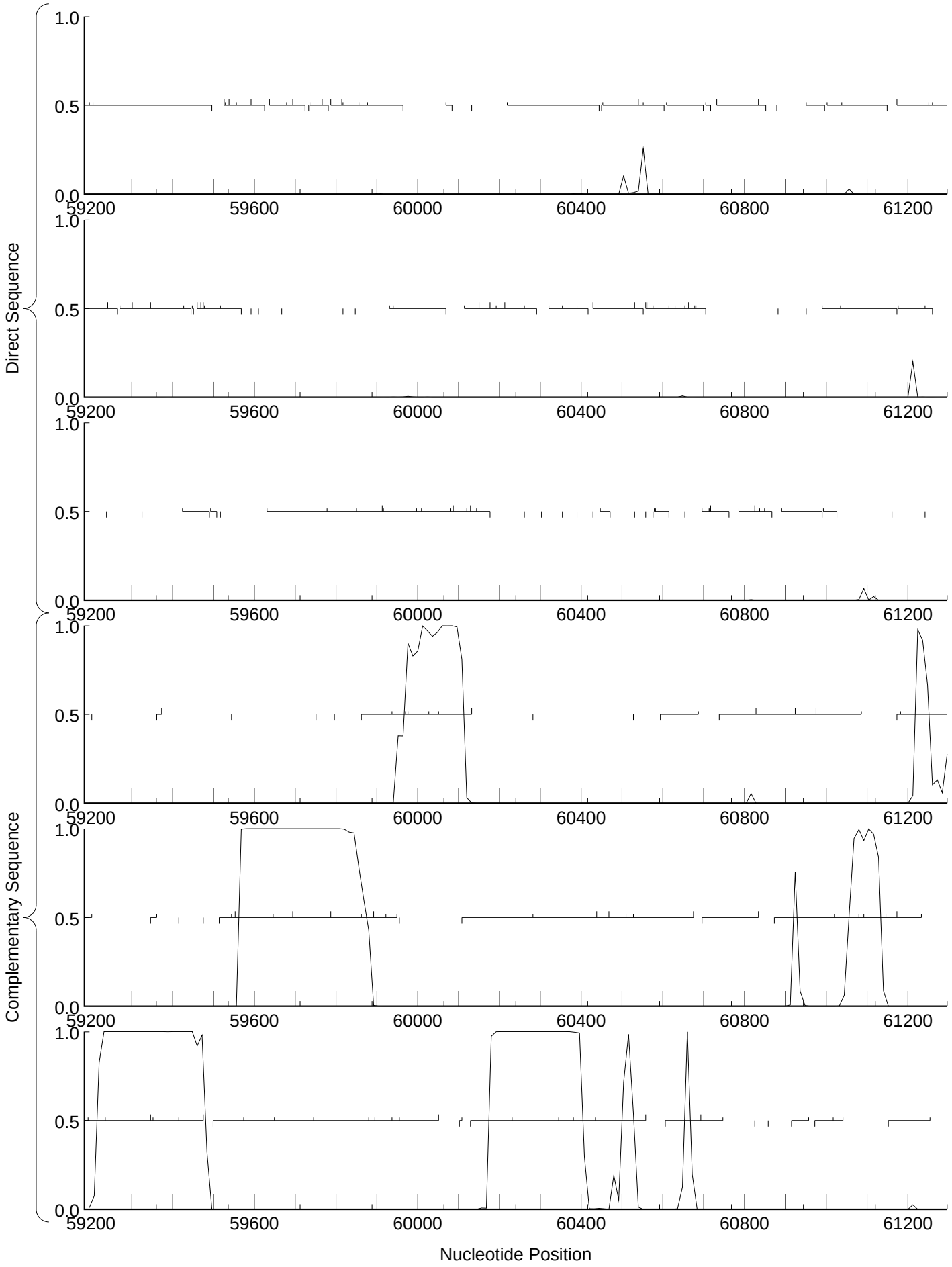

Direct Sequence
Complementary Sequence
1.0
0.5
0.0
50800
51200
51600
52000
52400
52800
Nucleotide Position

n phage Casend complete sequence, 62461 bp including 204 bp terminal repeat, Cluster EG, Order 4, Window 96, Step 12, 27/31




Direct Sequence
Complementary Sequence
1.0
0.5
0.0
55200
55600
56000
56400
56800
Nucleotide Position


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


Direct Sequence
Complementary Sequence
1.0
0.5
0.0
59200
59600
60000
60400
60800
61200
Nucleotide Position

n phage Casend complete sequence, 62461 bp including 204 bp terminal repeat, Cluster EG, Order 4, Window 96, Step 12, 31/31

