GeneMark

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

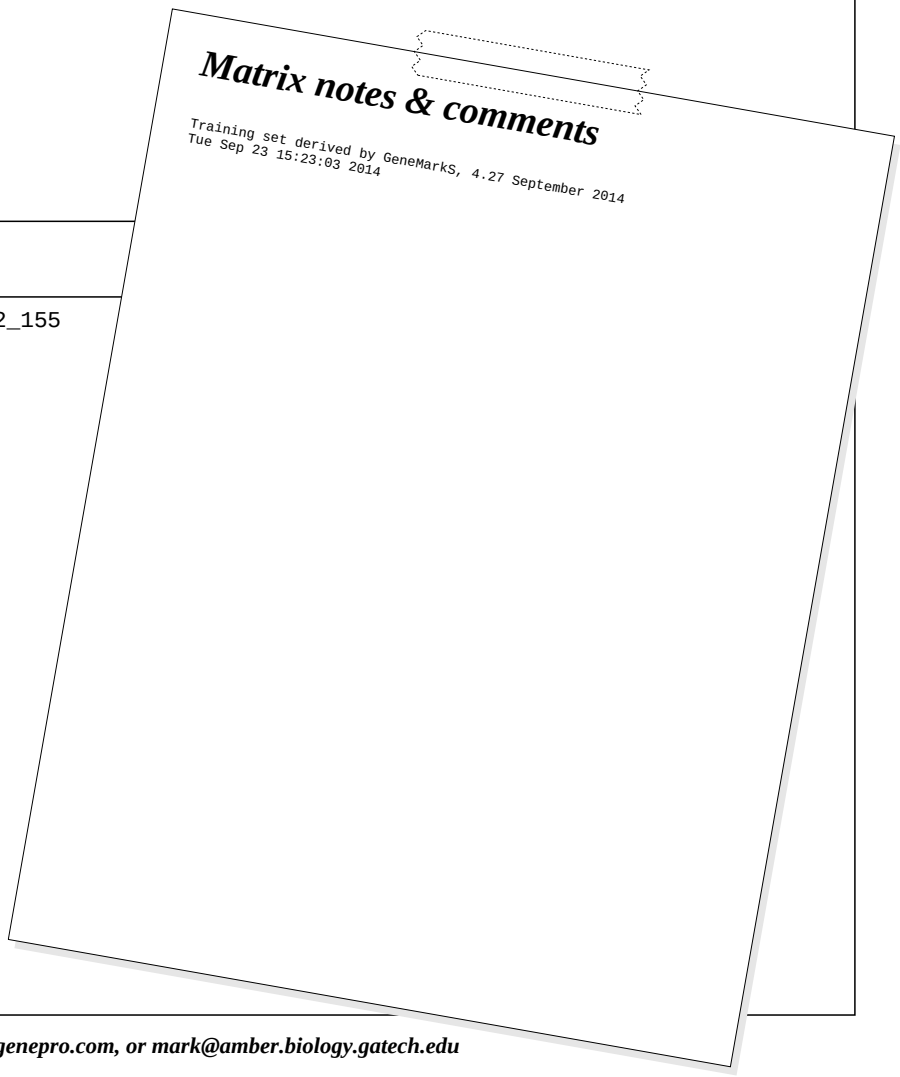
PROGRAM INFORMATION

```
Sequence         :  Mycobacterium phage Lucky2013, 108627 bp including 4-base 3' overhang (ATCC), Cluster J
Analysis Date    :  3/29/24 at 0:44:37
Pages            :  53
Sequence Length  :  108627 bp
GC Content       :   61.15%

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

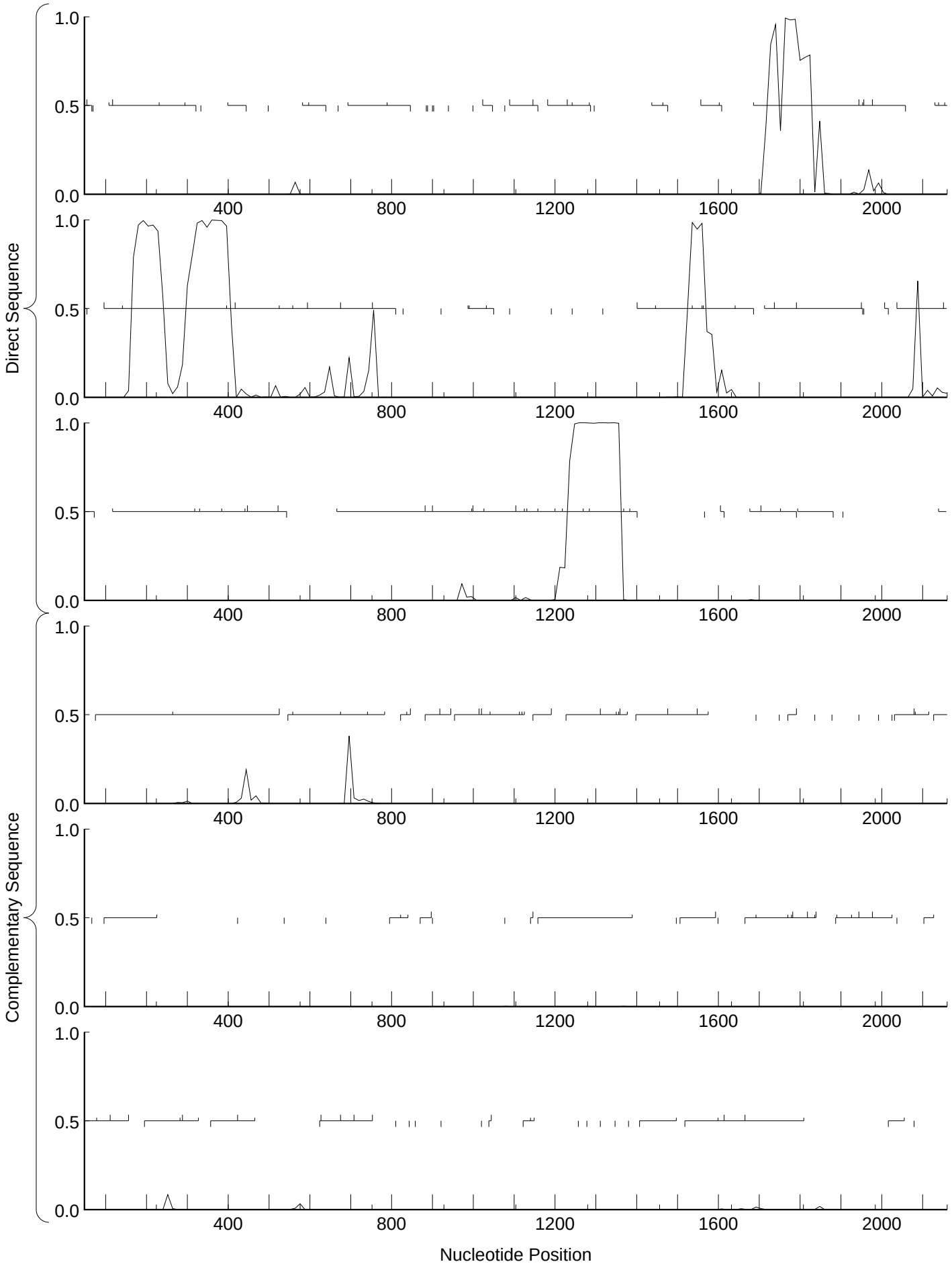
```
Matrix     :  Mycobacterium_smegmatis_MC2_155
Author     :  -

Order      :  4
```

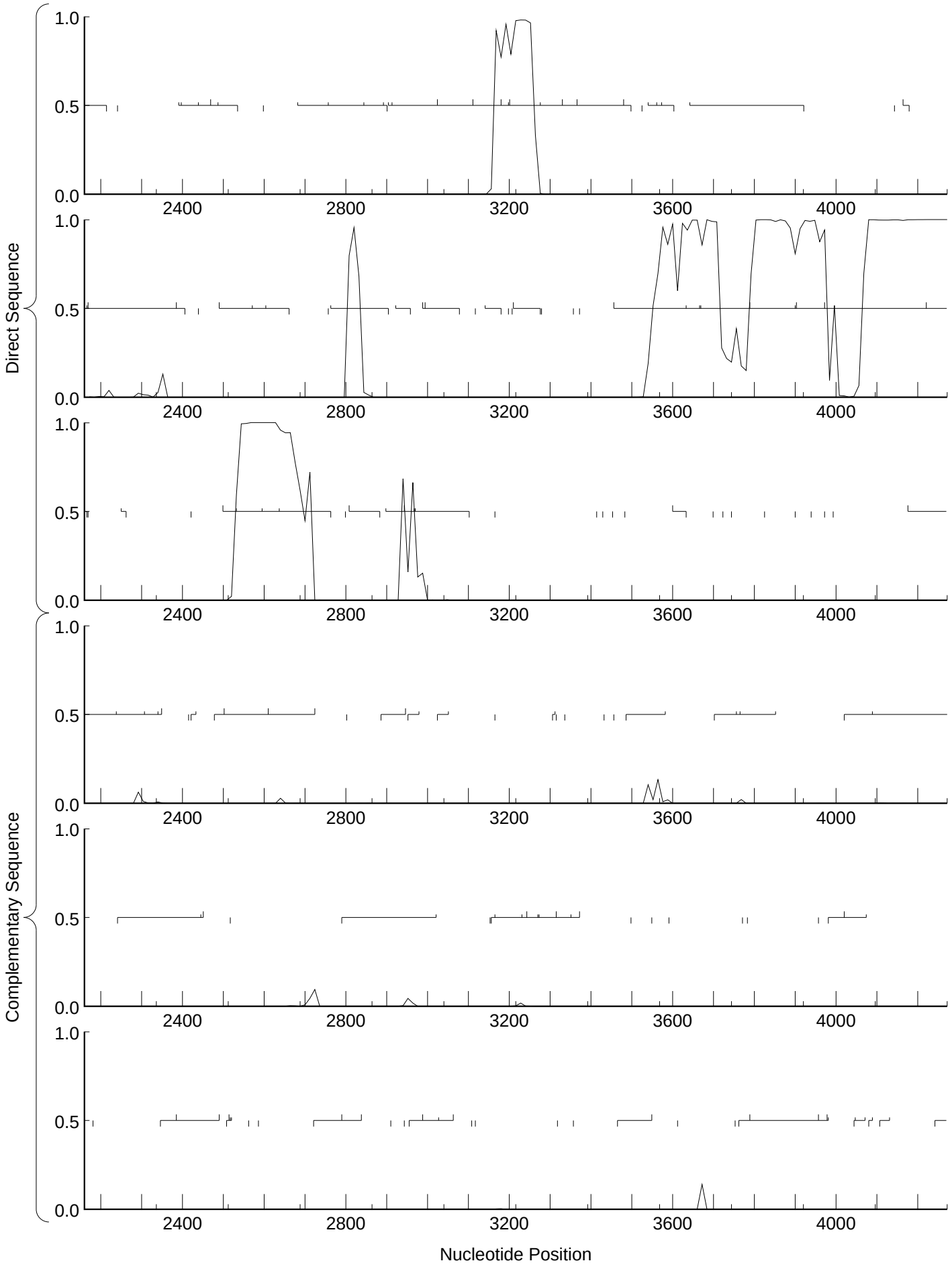

```
  Send questions / comments to:
      Dr. M. Borodovsky
      Georgia Institute of Technology
      School of Biology
      Atlanta, GA  30332-0230
```


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

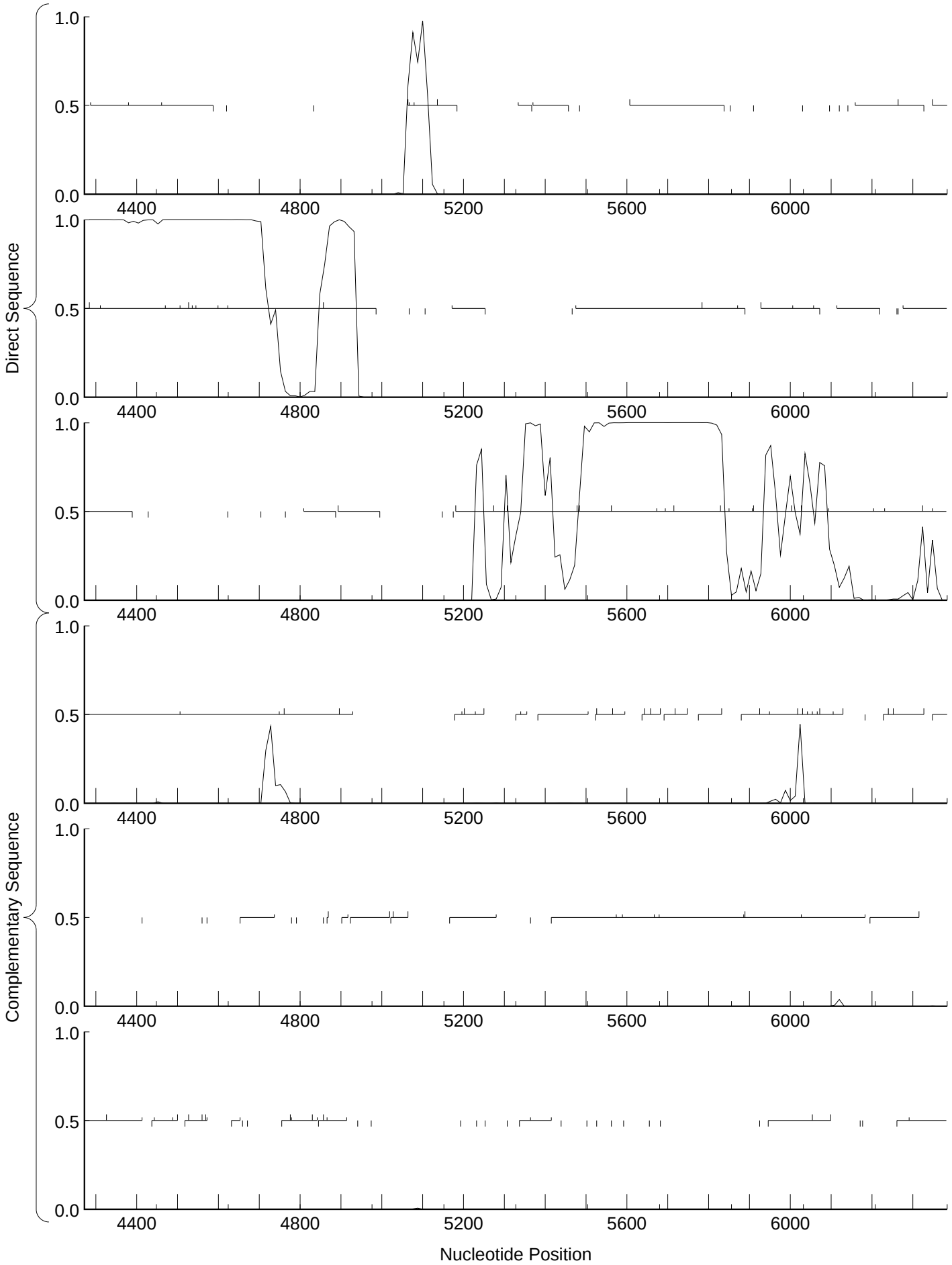
Mycobacterium phage Lucky2013, 108627 bp including 4-base 3' overhang (ATCC), Cluster J, Order 4, Window 96, Step 12, 2/53



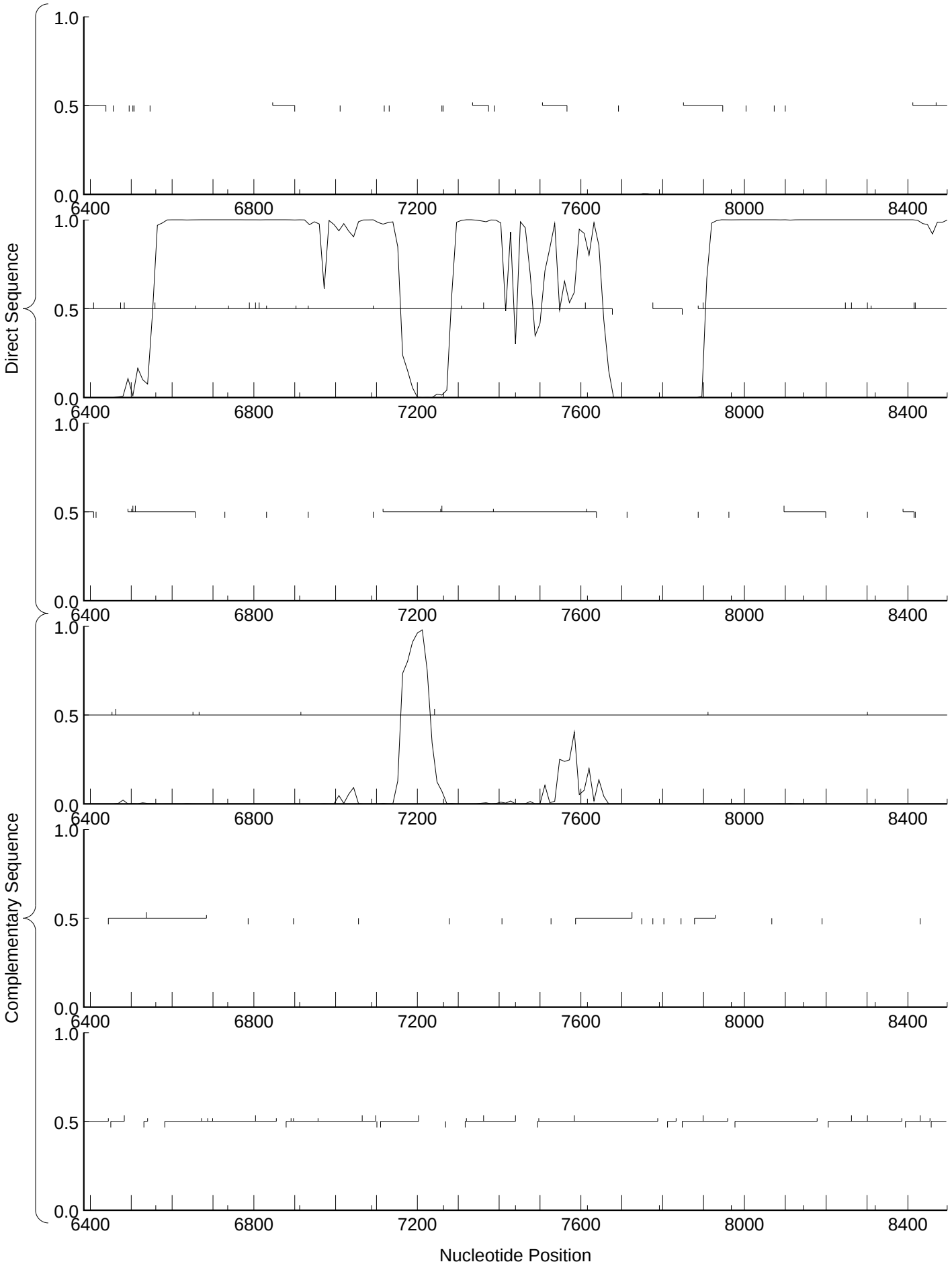
Mycobacterium phage Lucky2013, 108627 bp including 4-base 3’ overhang (ATCC), Cluster J, Order 4, Window 96, Step 12, 3/53



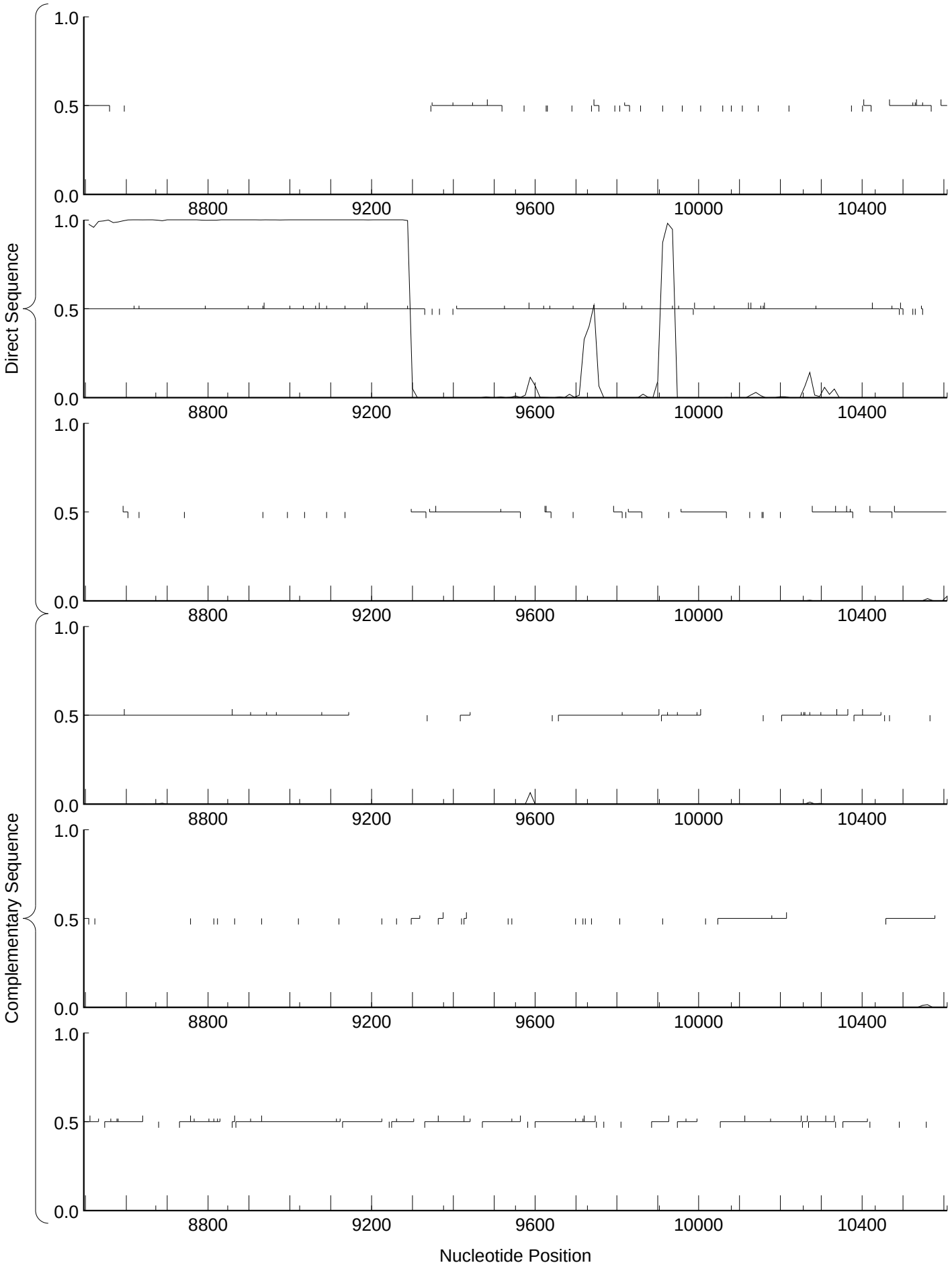
Mycobacterium phage Lucky2013, 108627 bp including 4-base 3’ overhang (ATCC), Cluster J, Order 4, Window 96, Step 12, 4/53



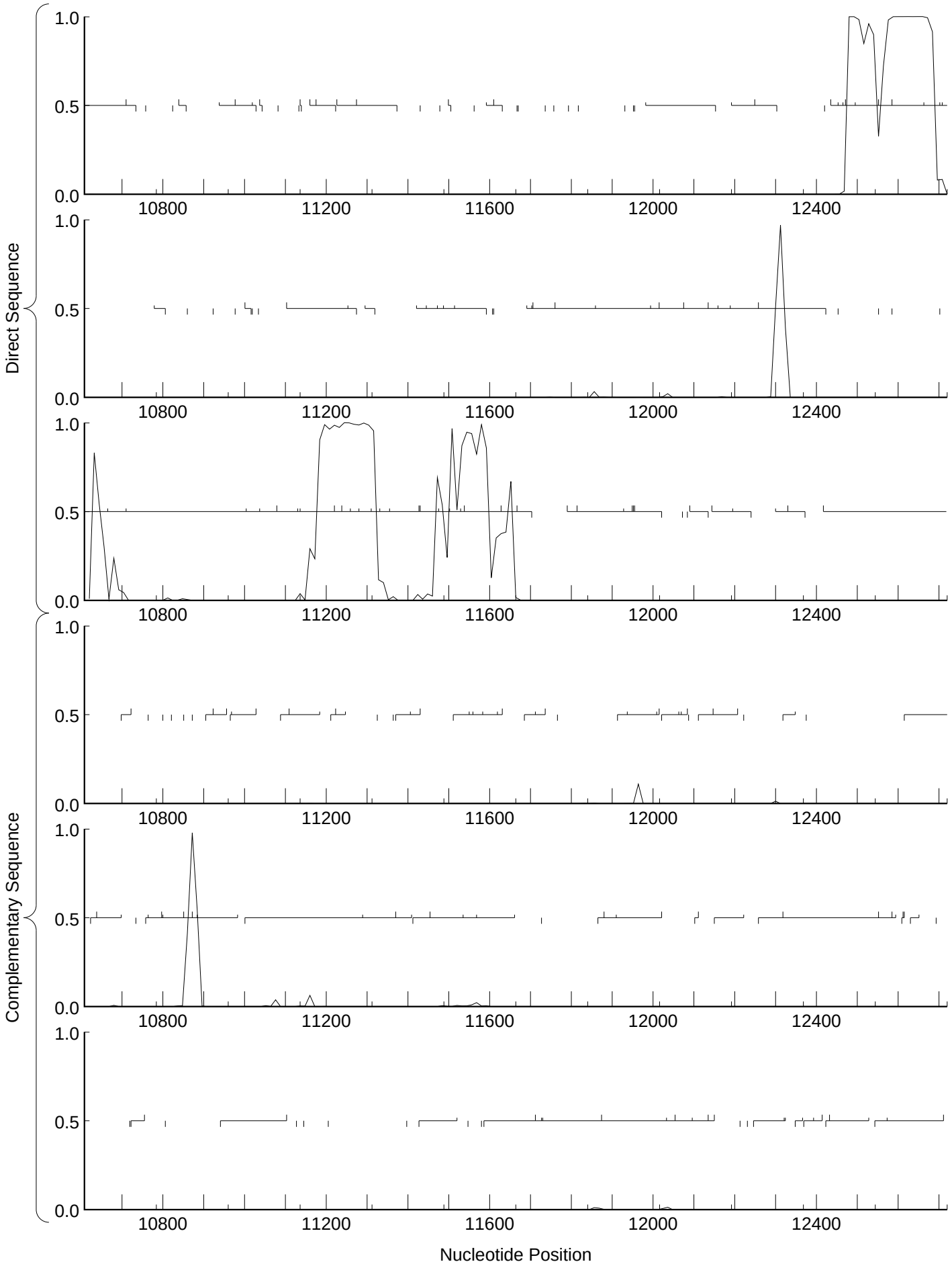
Mycobacterium phage Lucky2013, 108627 bp including 4-base 3' overhang (ATCC), Cluster J, Order 4, Window 96, Step 12, 5/53



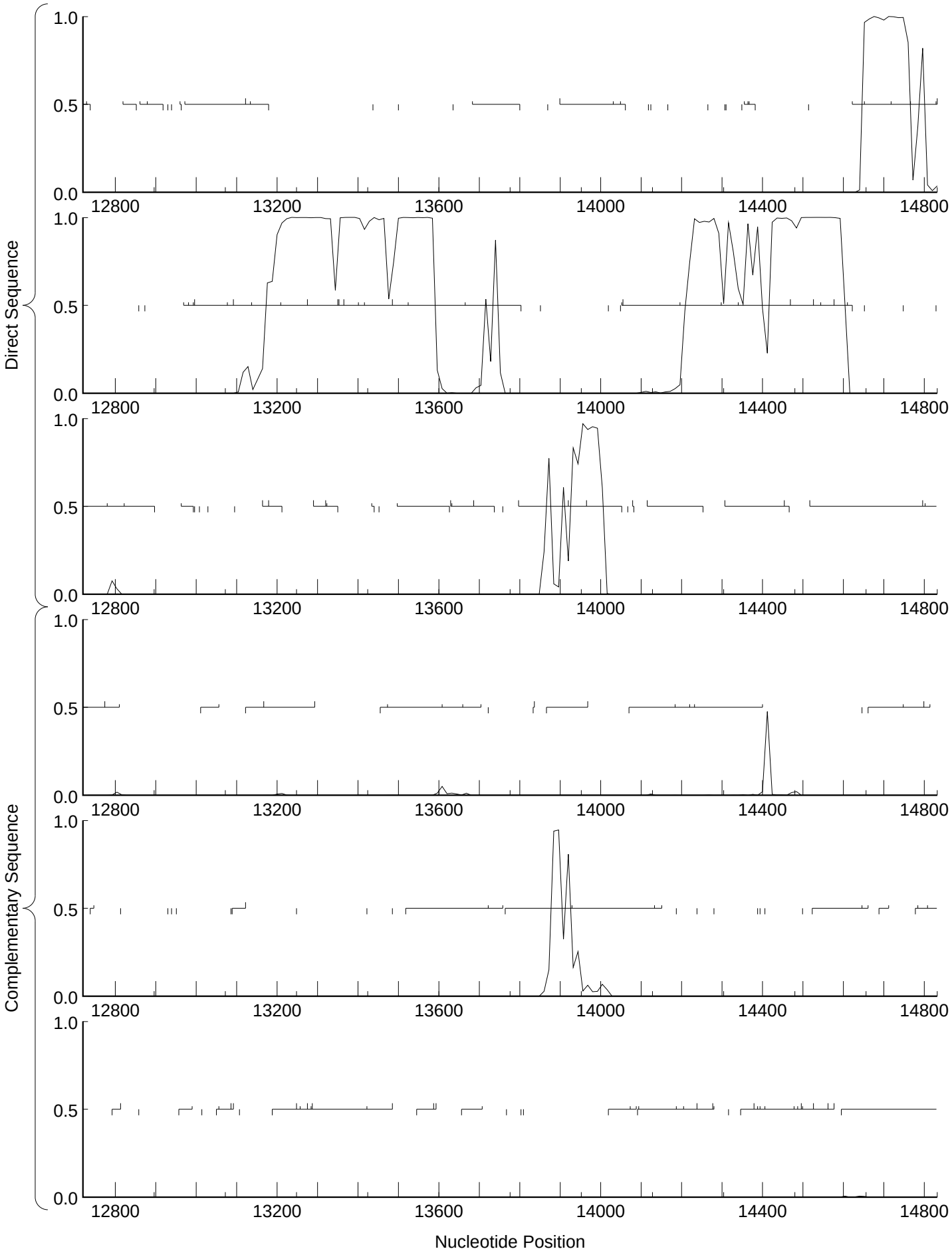
Mycobacterium phage Lucky2013, 108627 bp including 4-base 3' overhang (ATCC), Cluster J, Order 4, Window 96, Step 12, 6/53



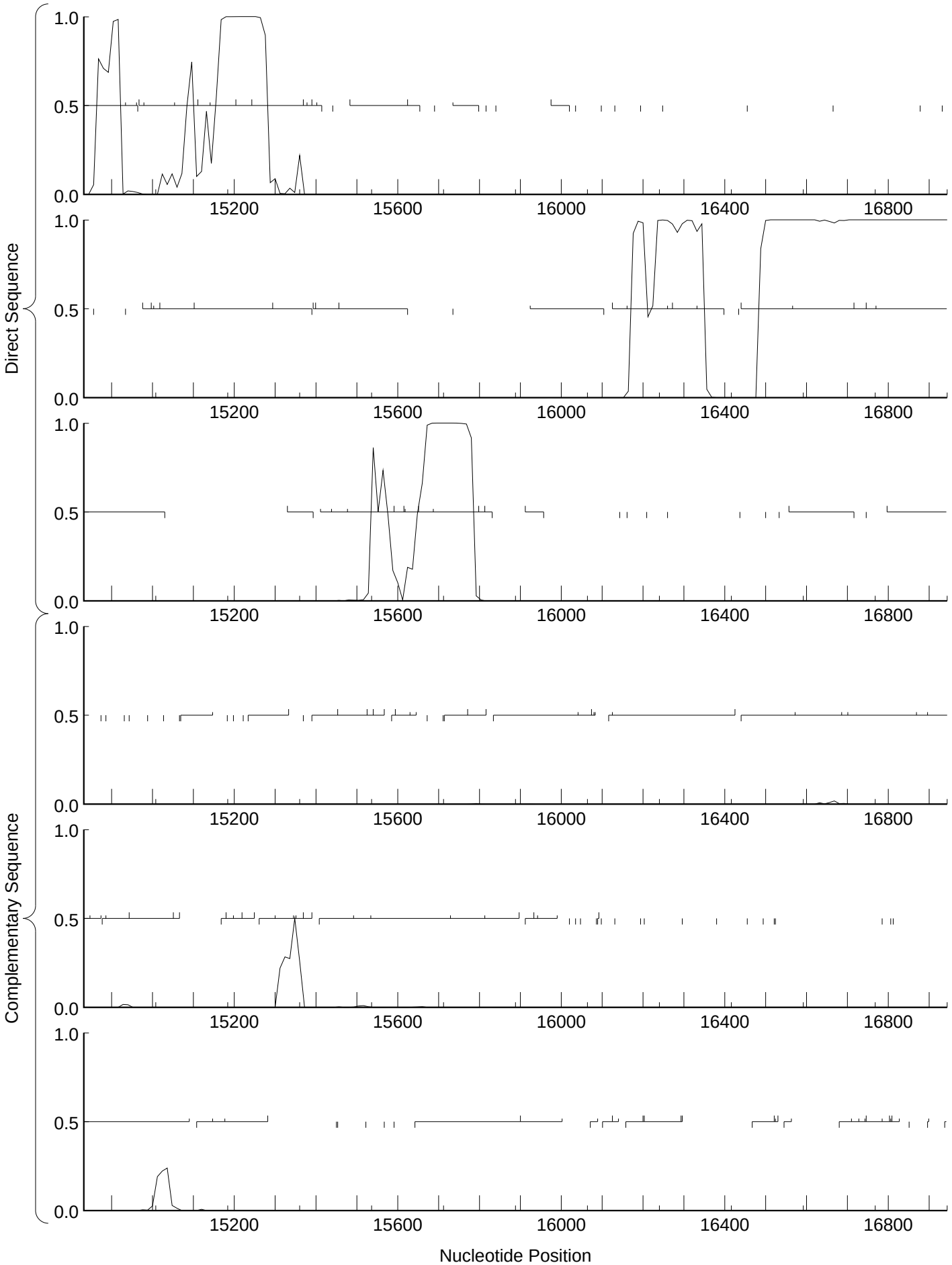
Mycobacterium phage Lucky2013, 108627 bp including 4-base 3’ overhang (ATCC), Cluster J, Order 4, Window 96, Step 12, 7/53



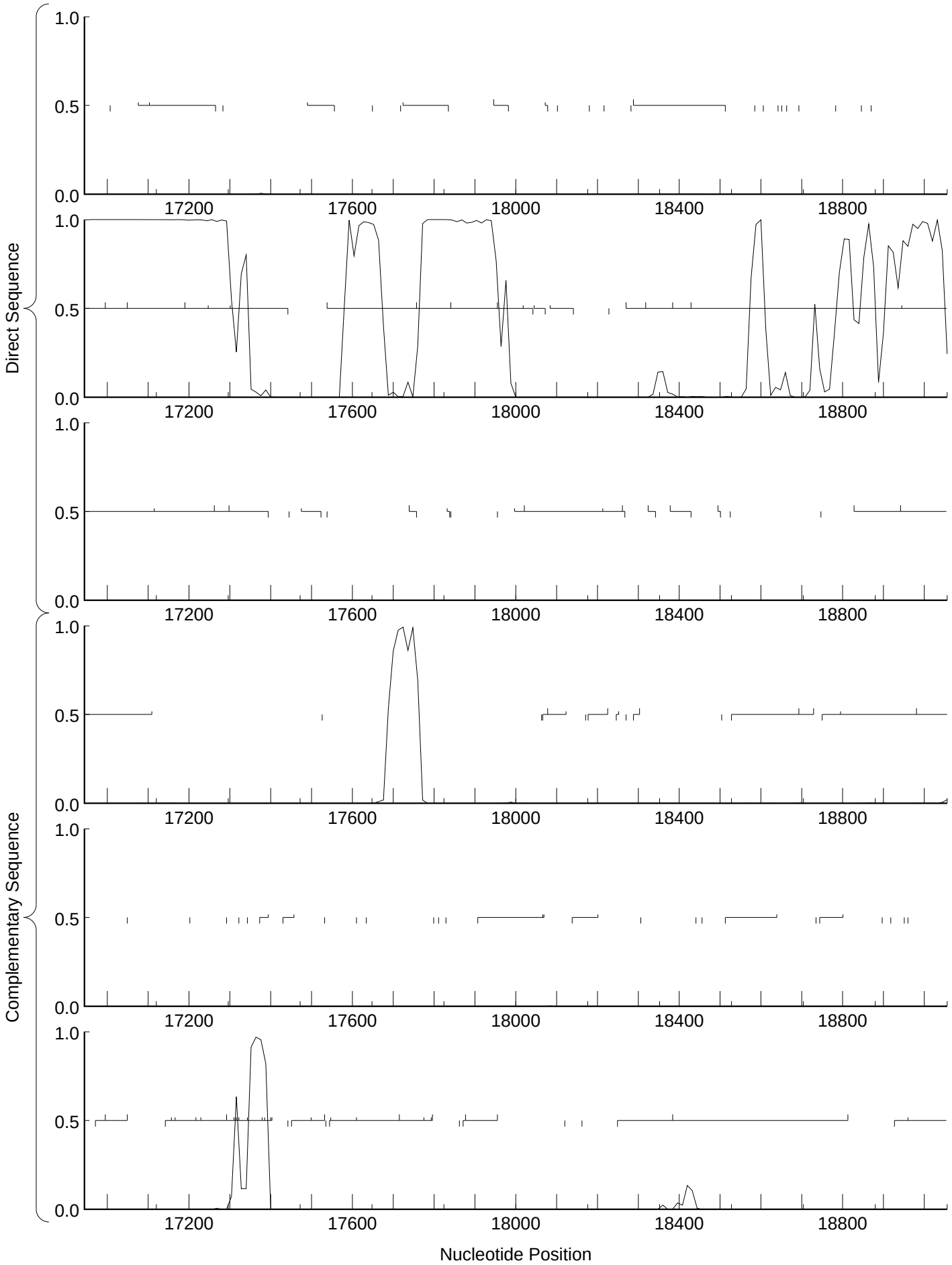
Mycobacterium phage Lucky2013, 108627 bp including 4-base 3' overhang (ATCC), Cluster J, Order 4, Window 96, Step 12, 8/53



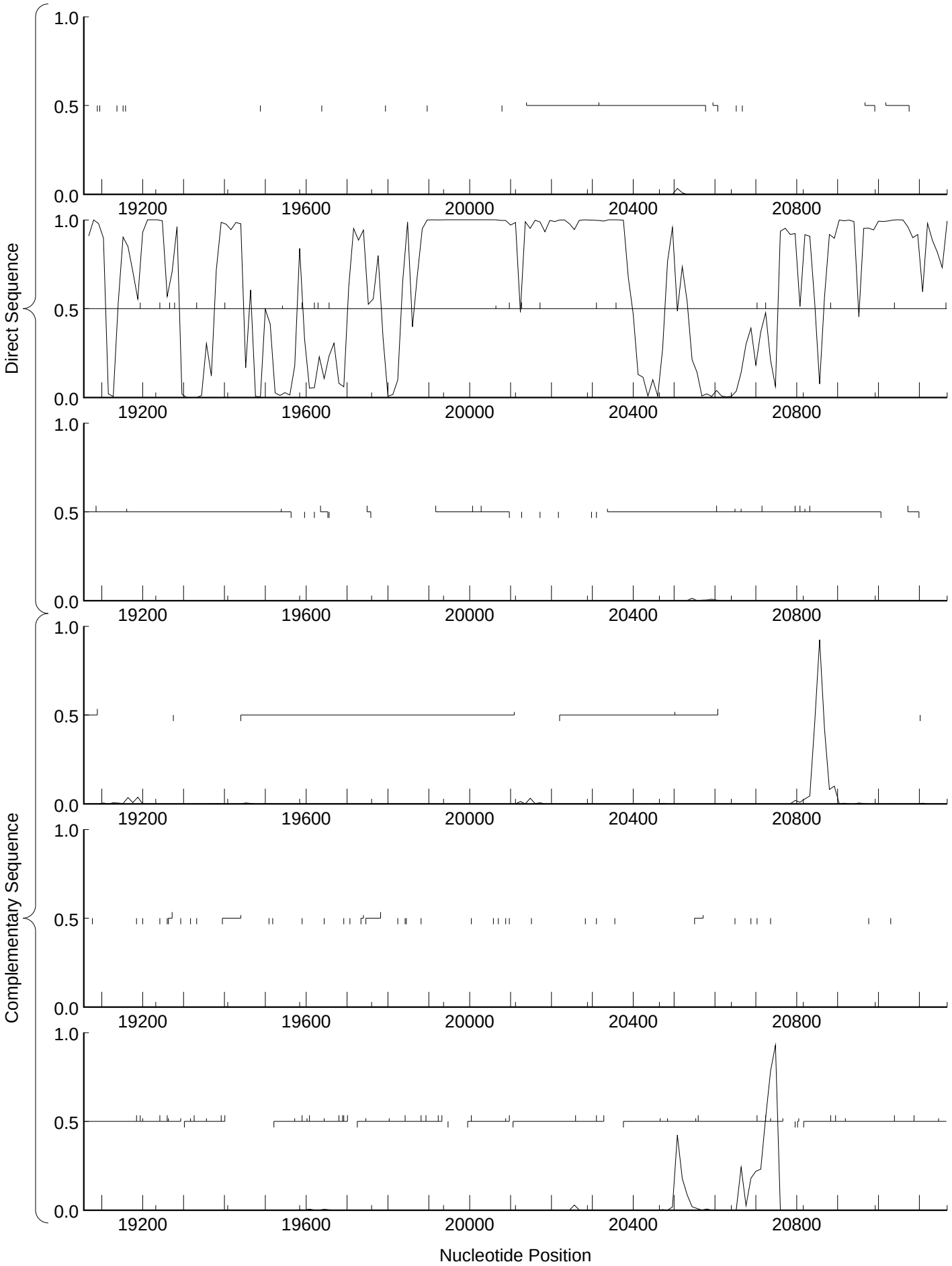
Mycobacterium phage Lucky2013, 108627 bp including 4-base 3' overhang (ATCC), Cluster J, Order 4, Window 96, Step 12, 9/53



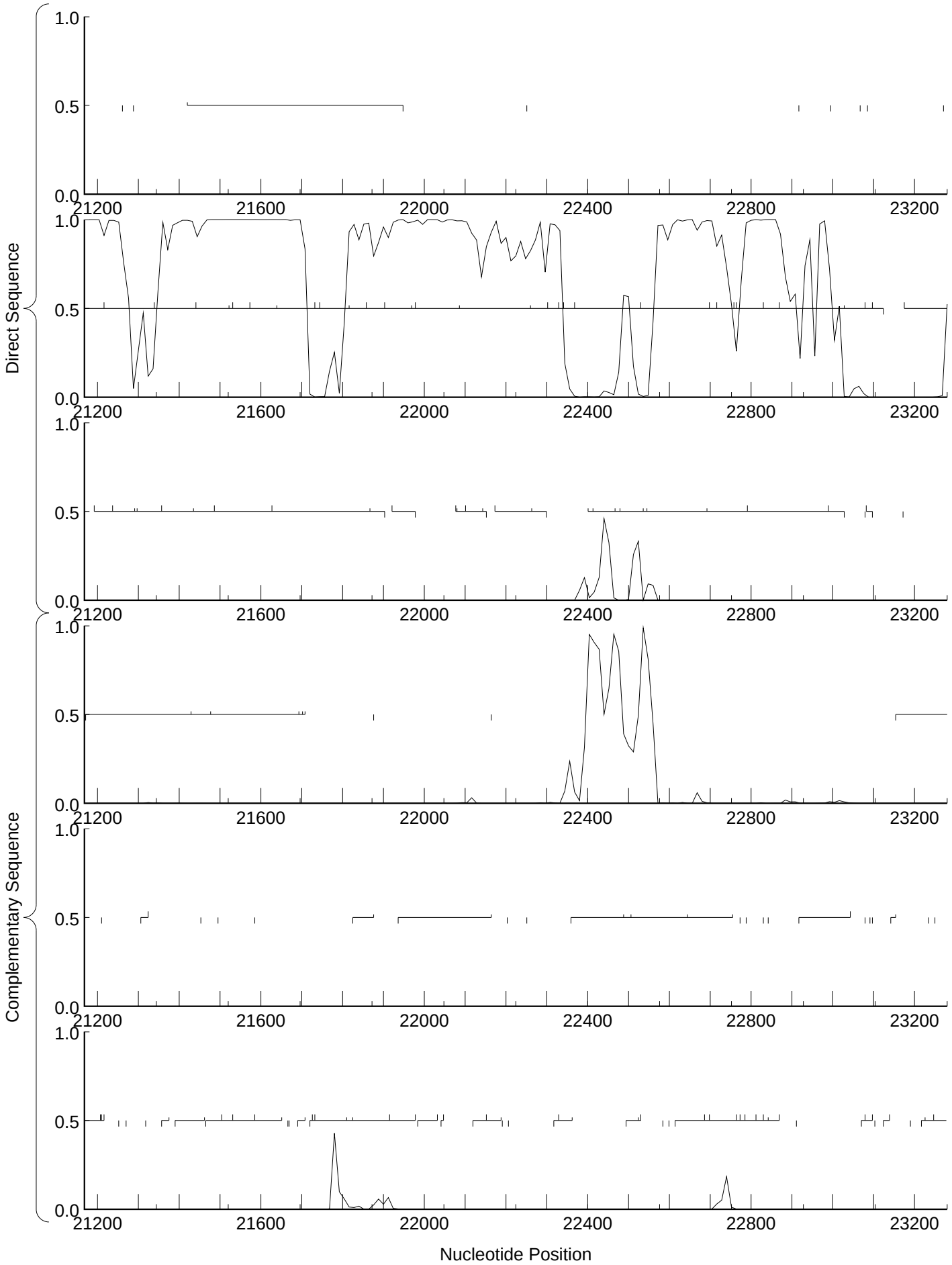
ycobacterium phage Lucky2013, 108627 bp including 4-base 3’ overhang (ATCC), Cluster J, Order 4, Window 96, Step 12, 10/53



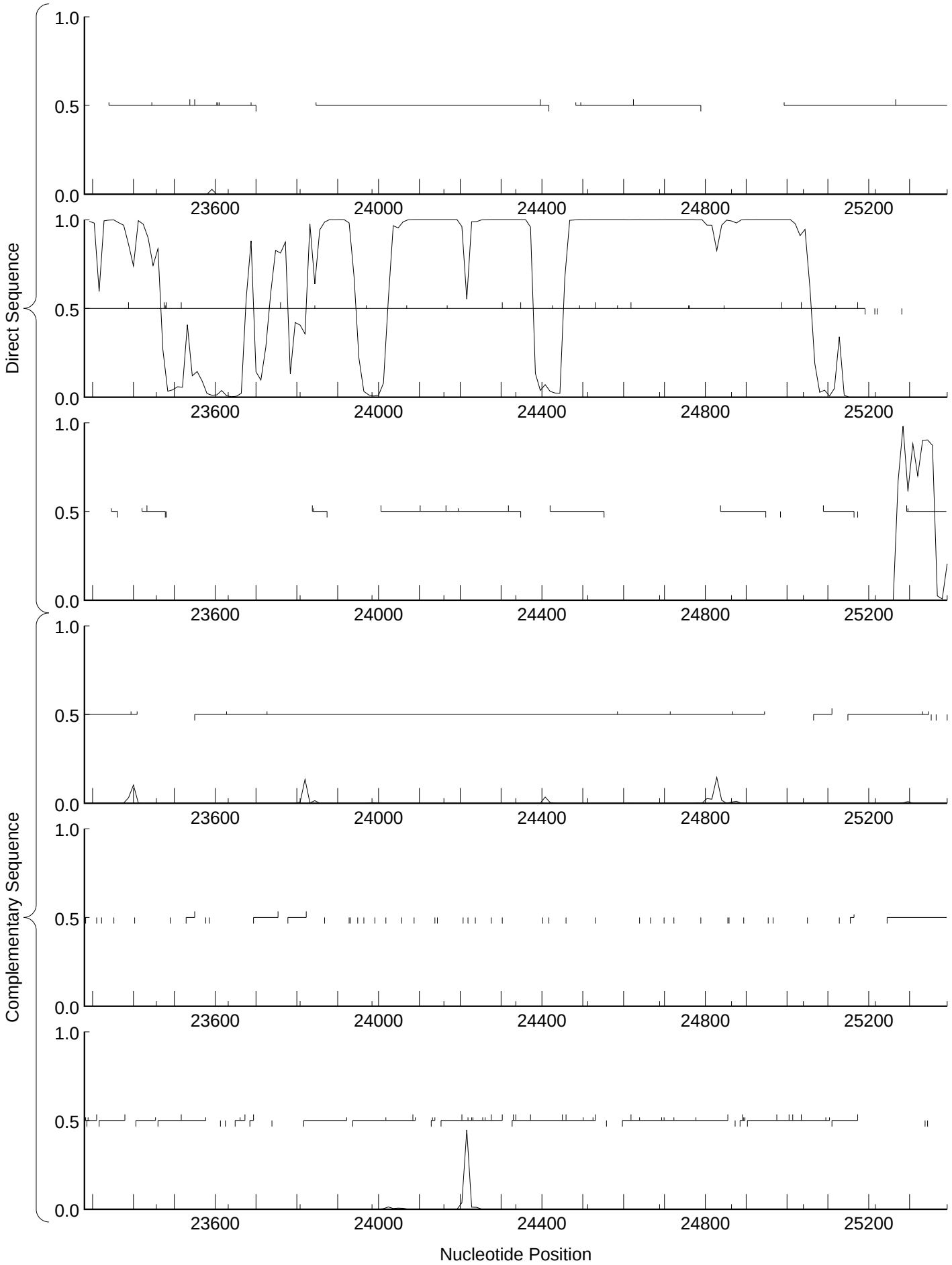
ycobacterium phage Lucky2013, 108627 bp including 4-base 3’ overhang (ATCC), Cluster J, Order 4, Window 96, Step 12, 11/53

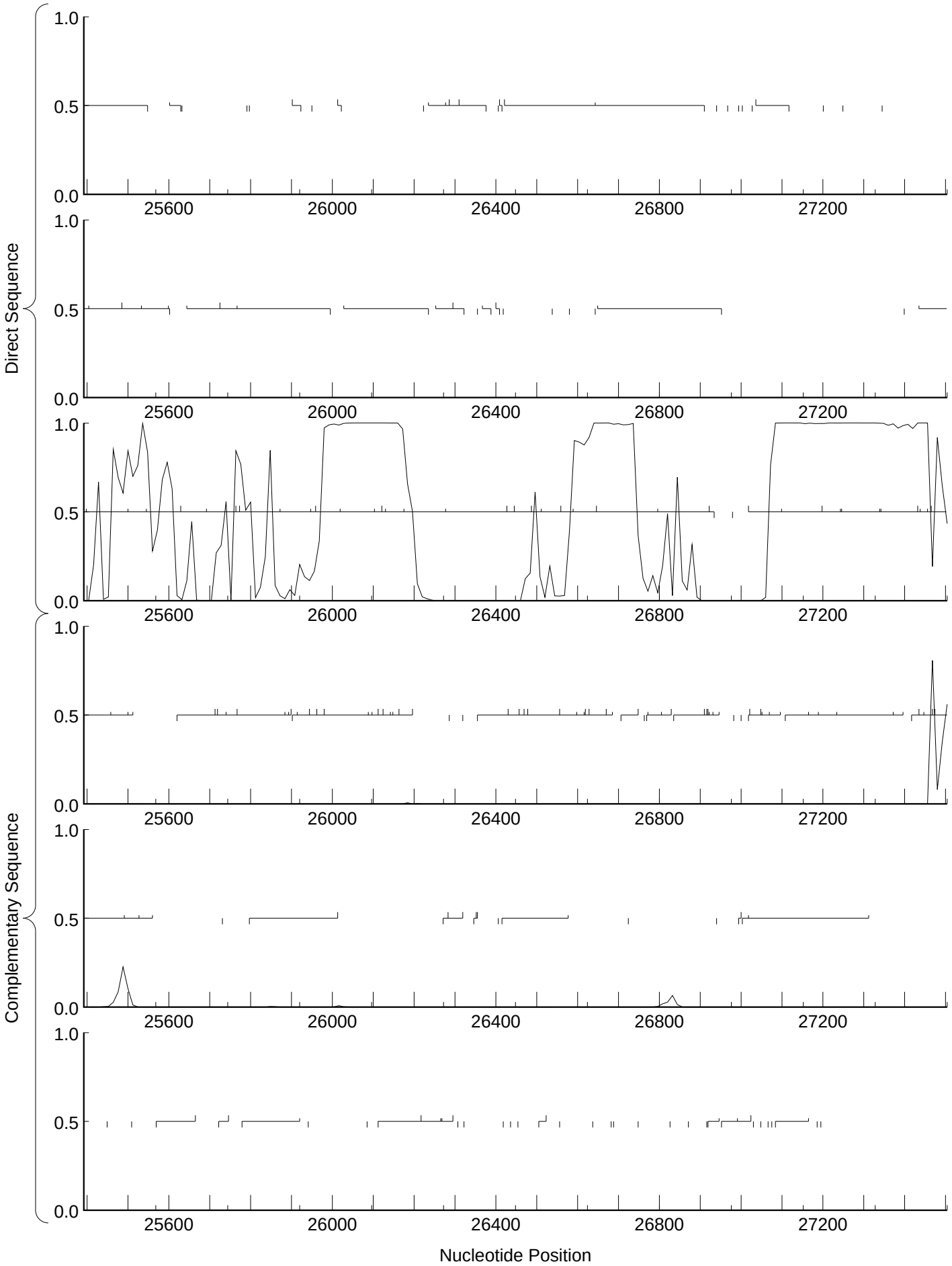


ycobacterium phage Lucky2013, 108627 bp including 4-base 3’ overhang (ATCC), Cluster J, Order 4, Window 96, Step 12, 12/53

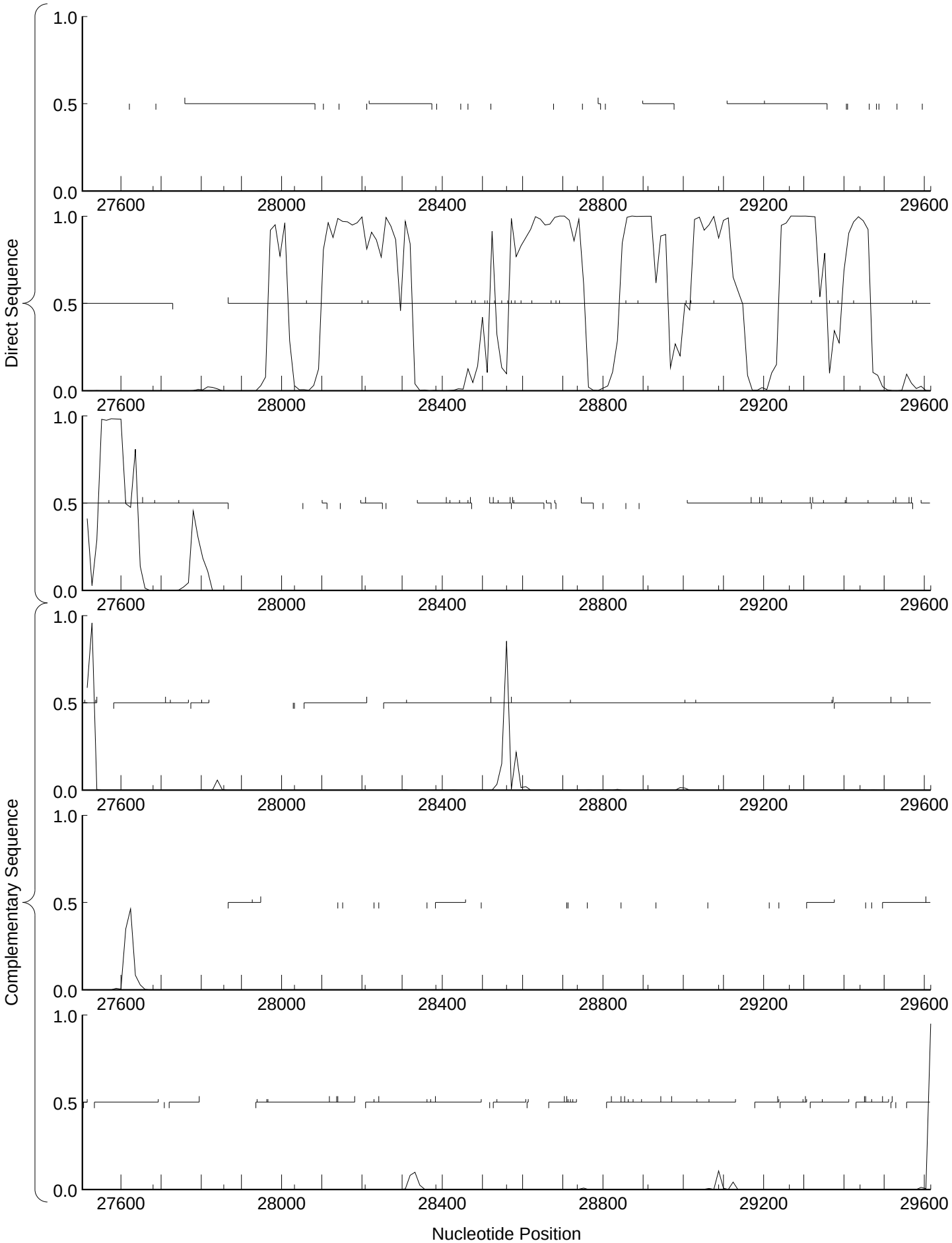


ycobacterium phage Lucky2013, 108627 bp including 4-base 3’ overhang (ATCC), Cluster J, Order 4, Window 96, Step 12, 13/53

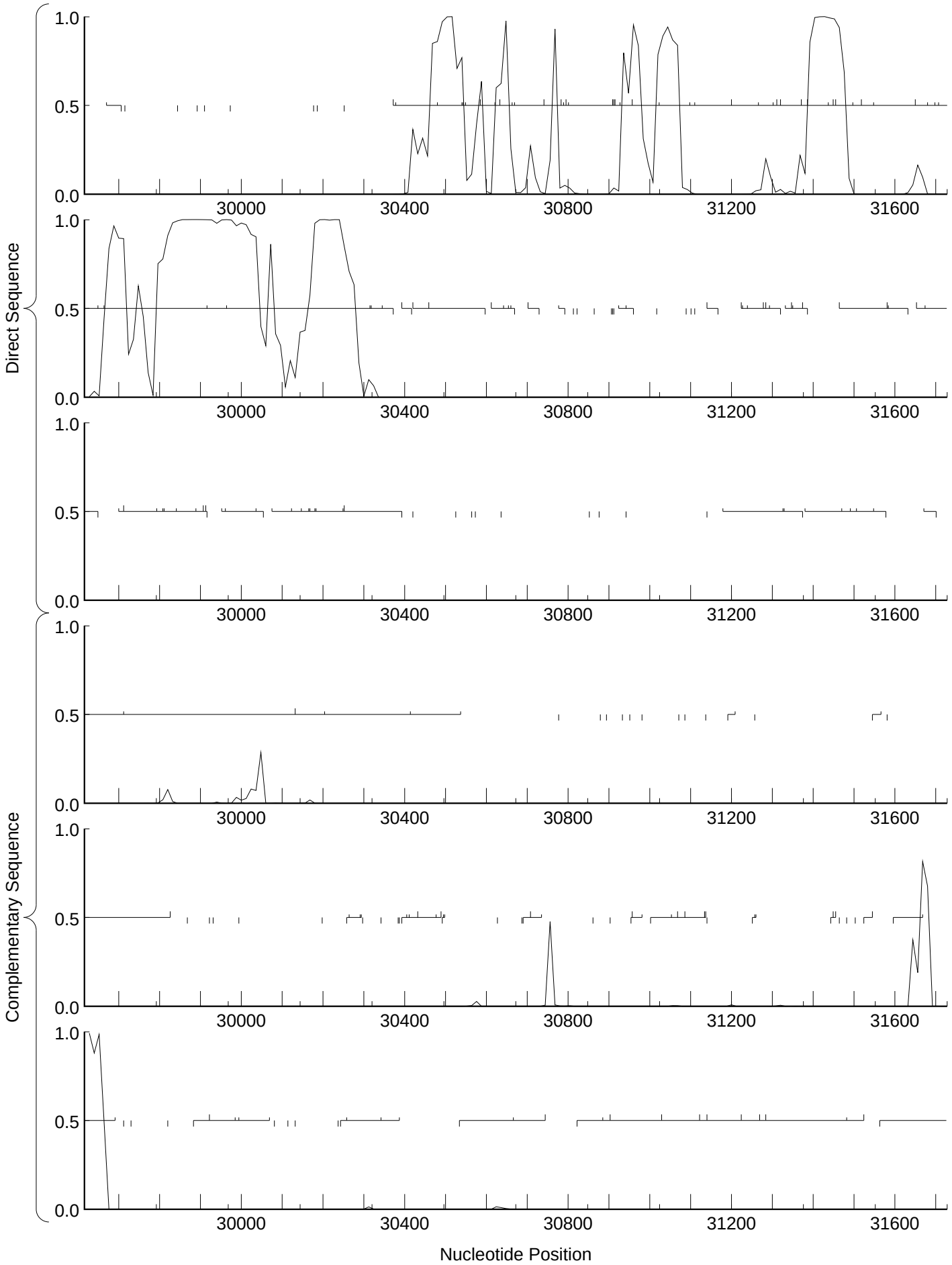


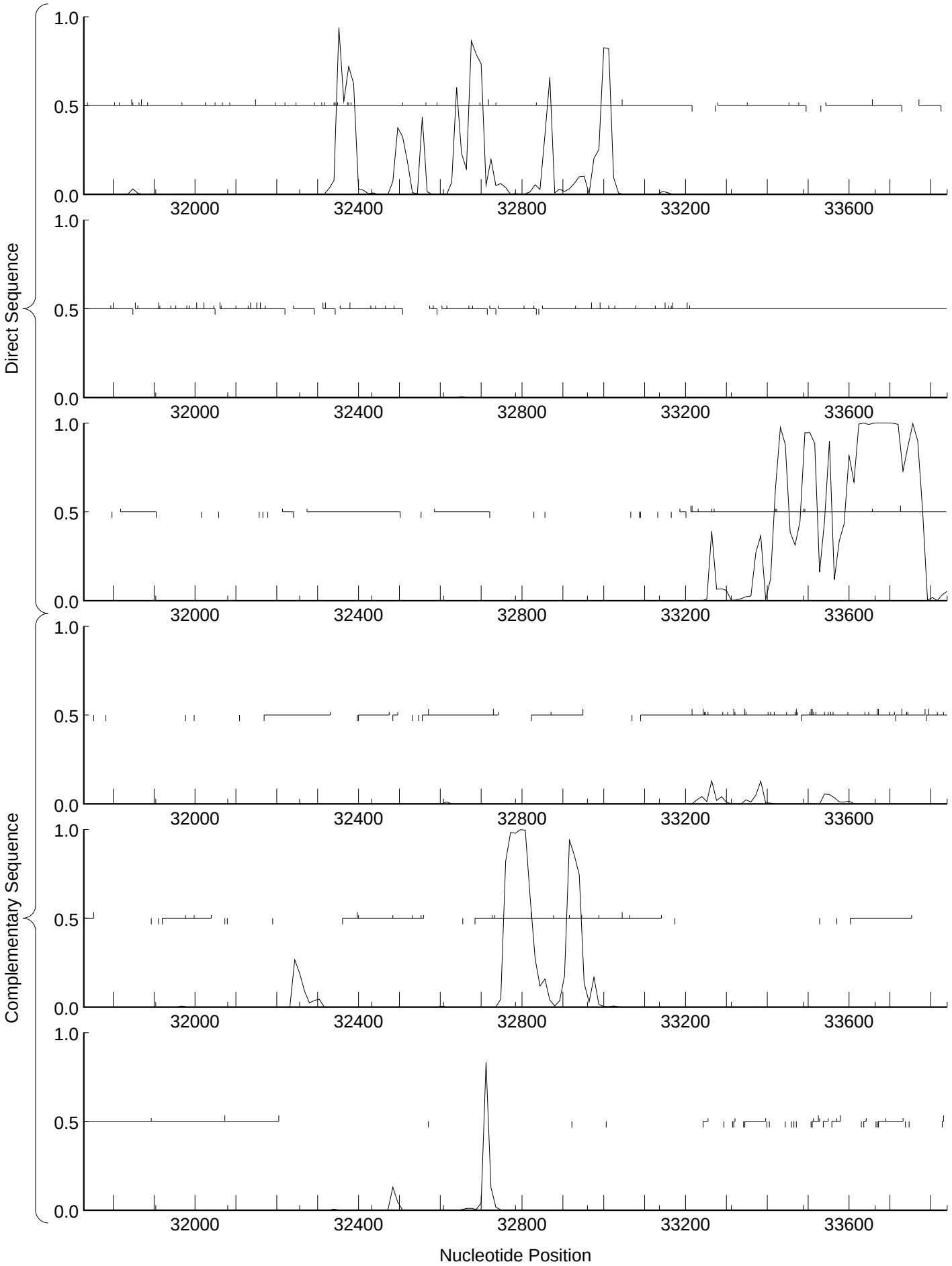

Direct Sequence
Complementary Sequence
1.0
0.5
0.0
25600
26000
26400
26800
27200
Nucleotide Position

ycobacterium phage Lucky2013, 108627 bp including 4-base 3’ overhang (ATCC), Cluster J, Order 4, Window 96, Step 12, 15/53

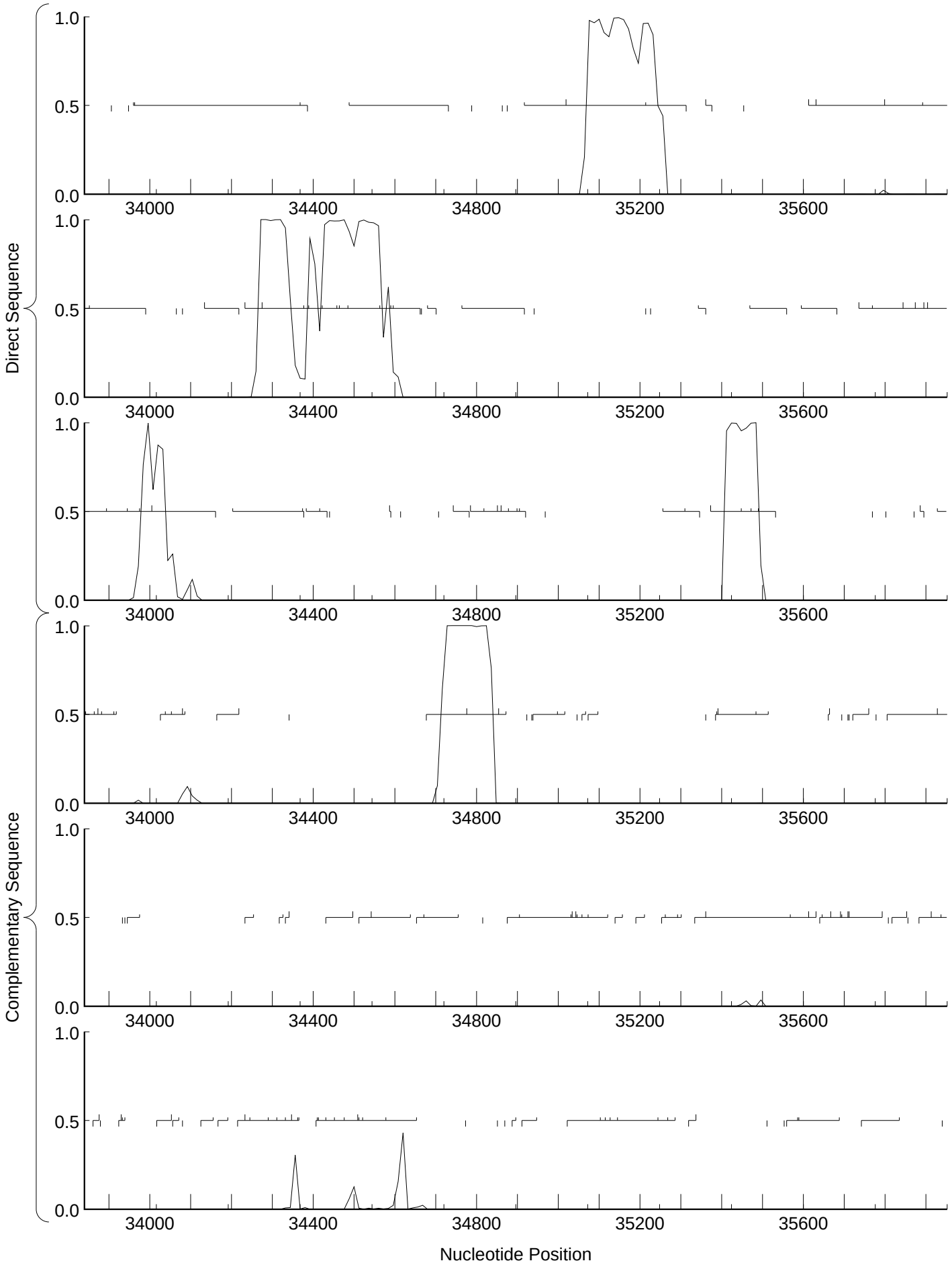


ycobacterium phage Lucky2013, 108627 bp including 4-base 3’ overhang (ATCC), Cluster J, Order 4, Window 96, Step 12, 16/53

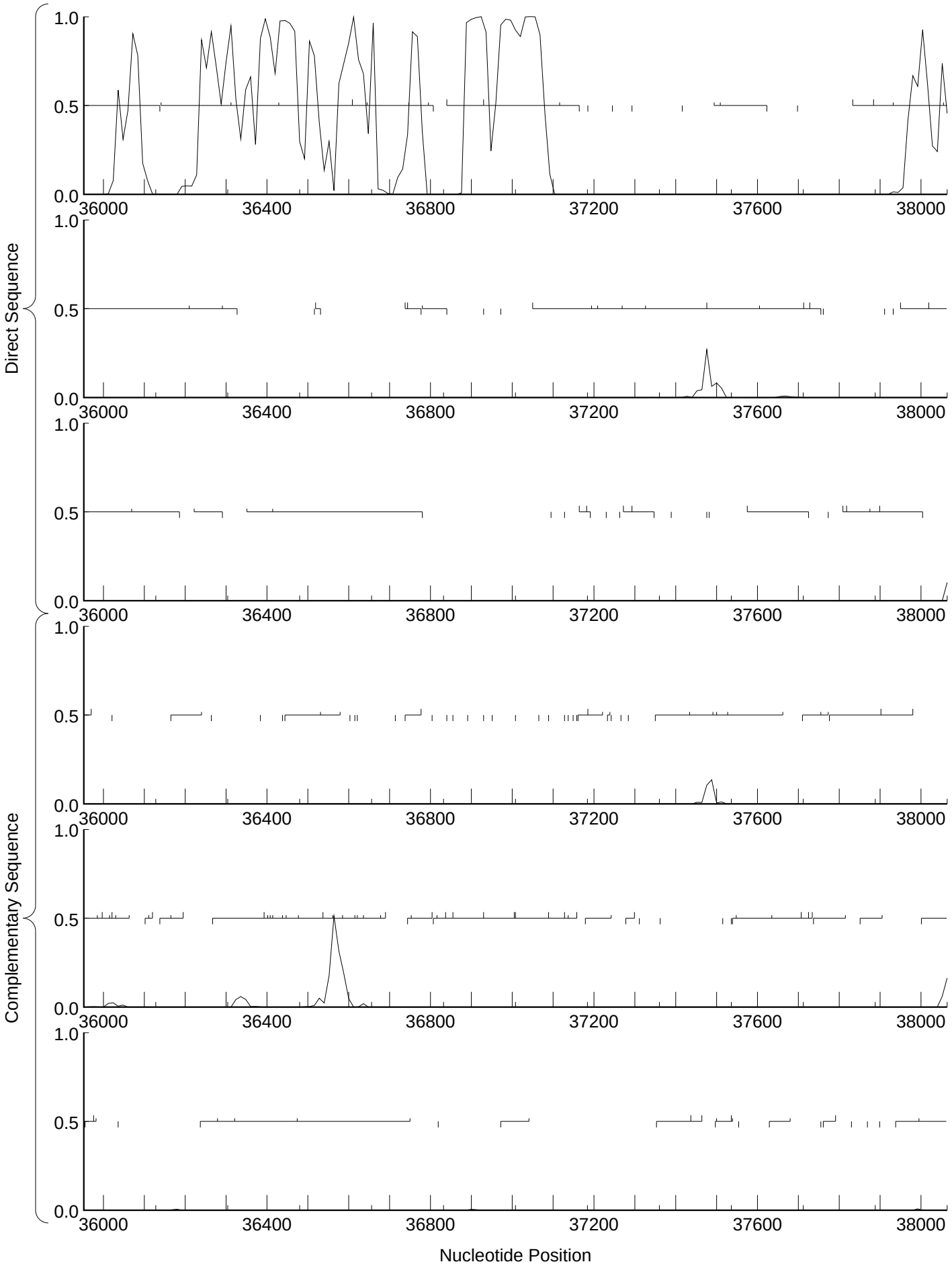



Direct Sequence
Complementary Sequence
1.0
0.5
0.0
32000
32400
32800
33200
33600
Nucleotide Position

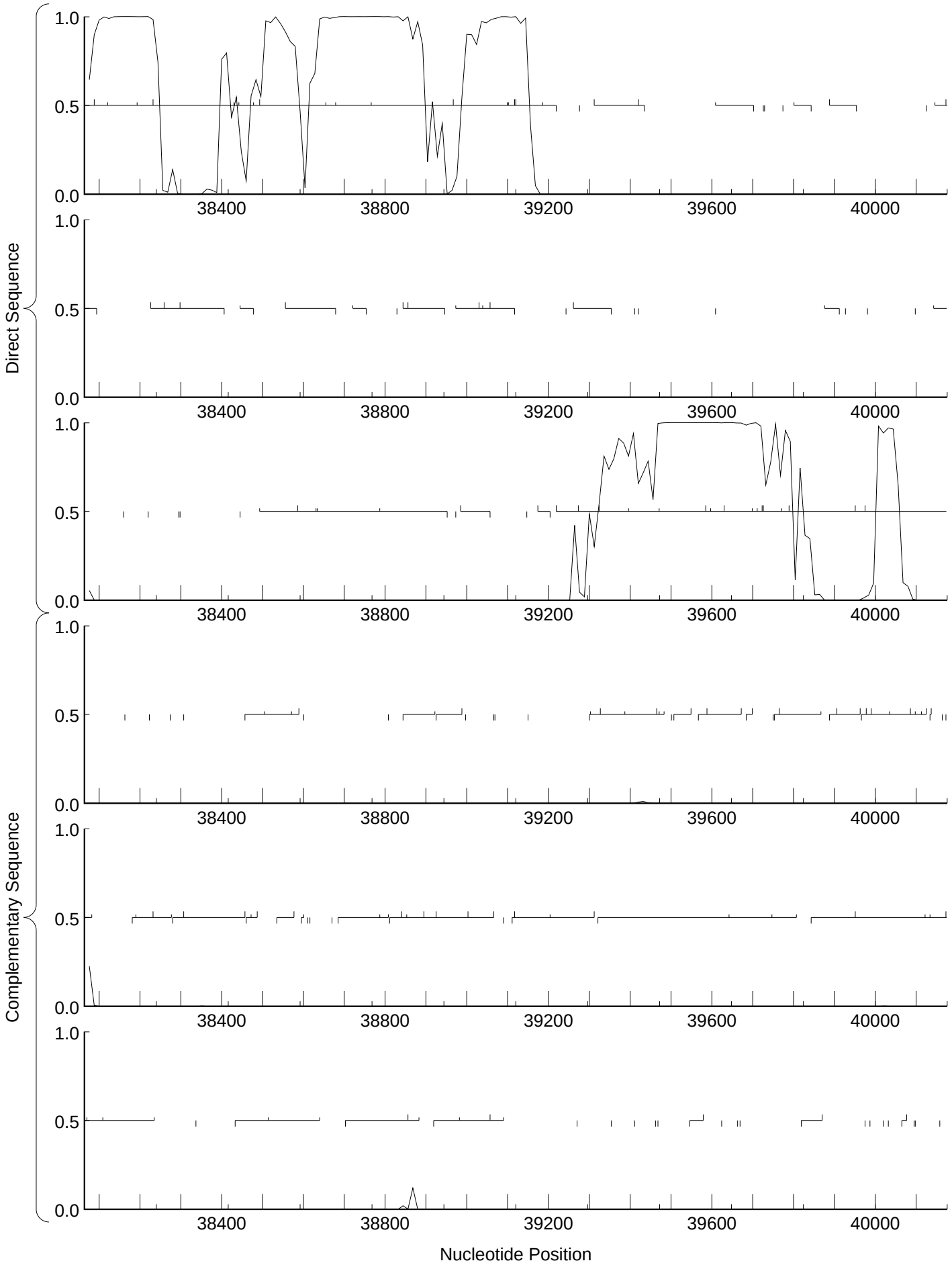
ycobacterium phage Lucky2013, 108627 bp including 4-base 3’ overhang (ATCC), Cluster J, Order 4, Window 96, Step 12, 18/53



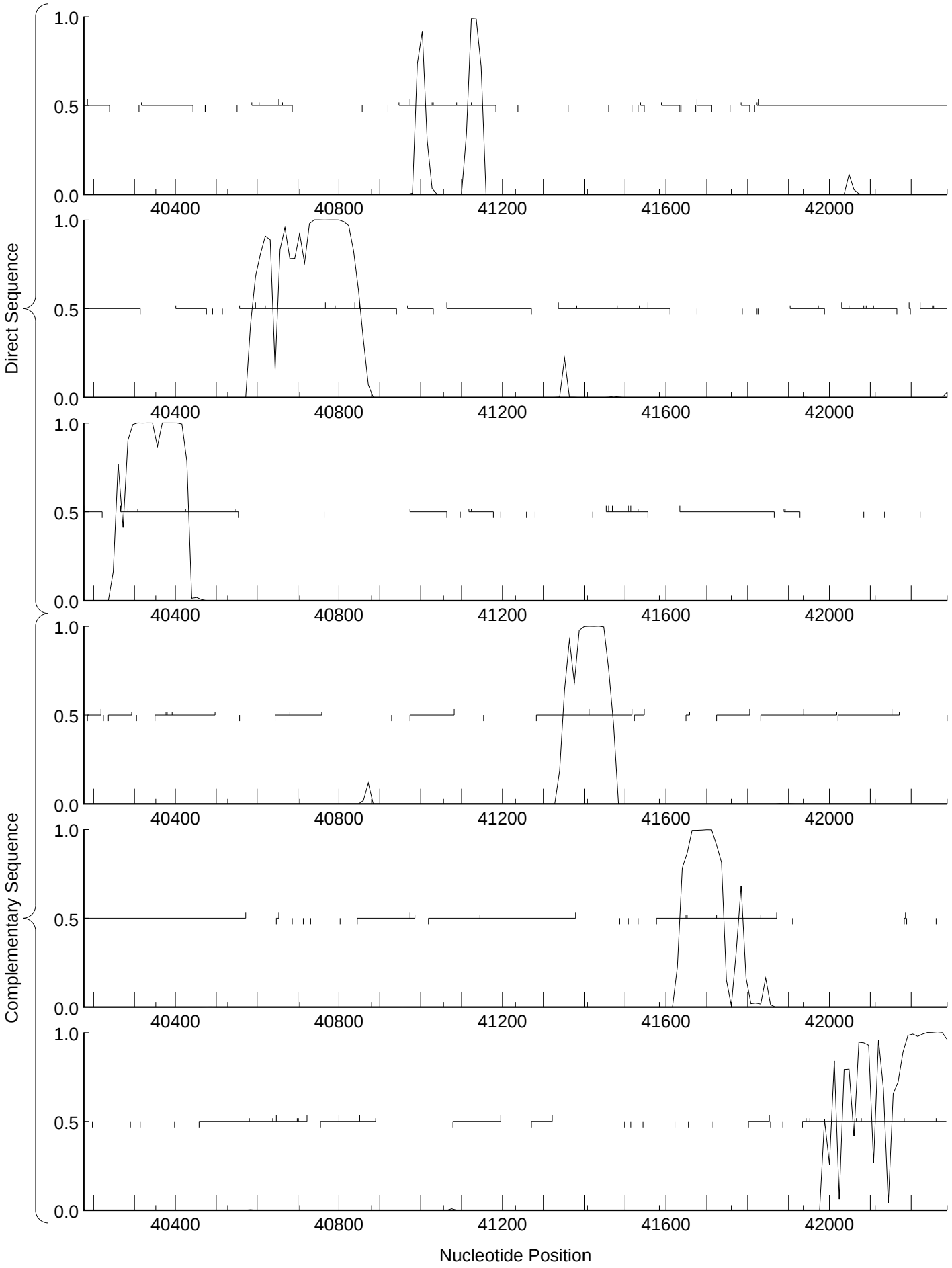
ycobacterium phage Lucky2013, 108627 bp including 4-base 3’ overhang (ATCC), Cluster J, Order 4, Window 96, Step 12, 19/53



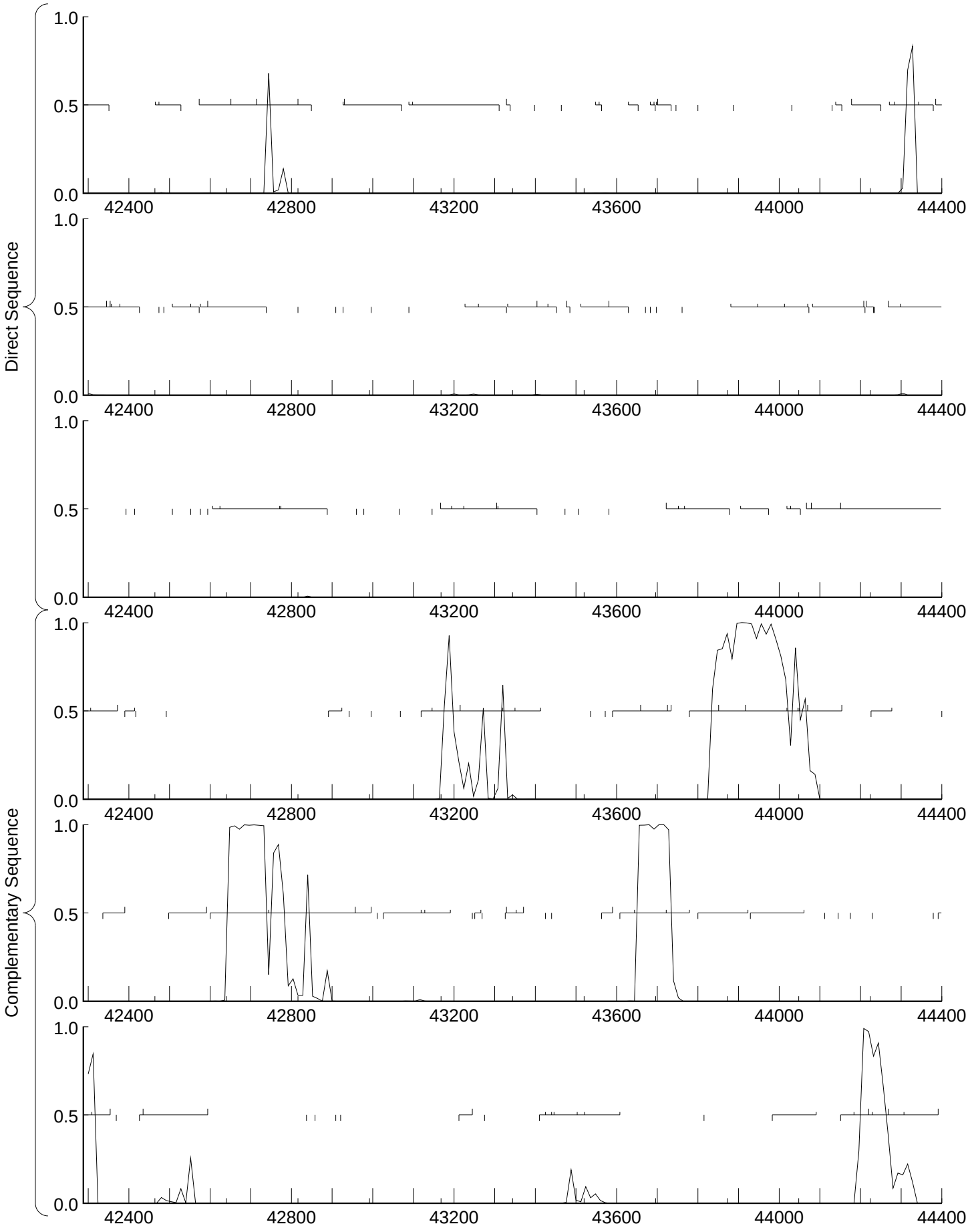
ycobacterium phage Lucky2013, 108627 bp including 4-base 3’ overhang (ATCC), Cluster J, Order 4, Window 96, Step 12, 20/53

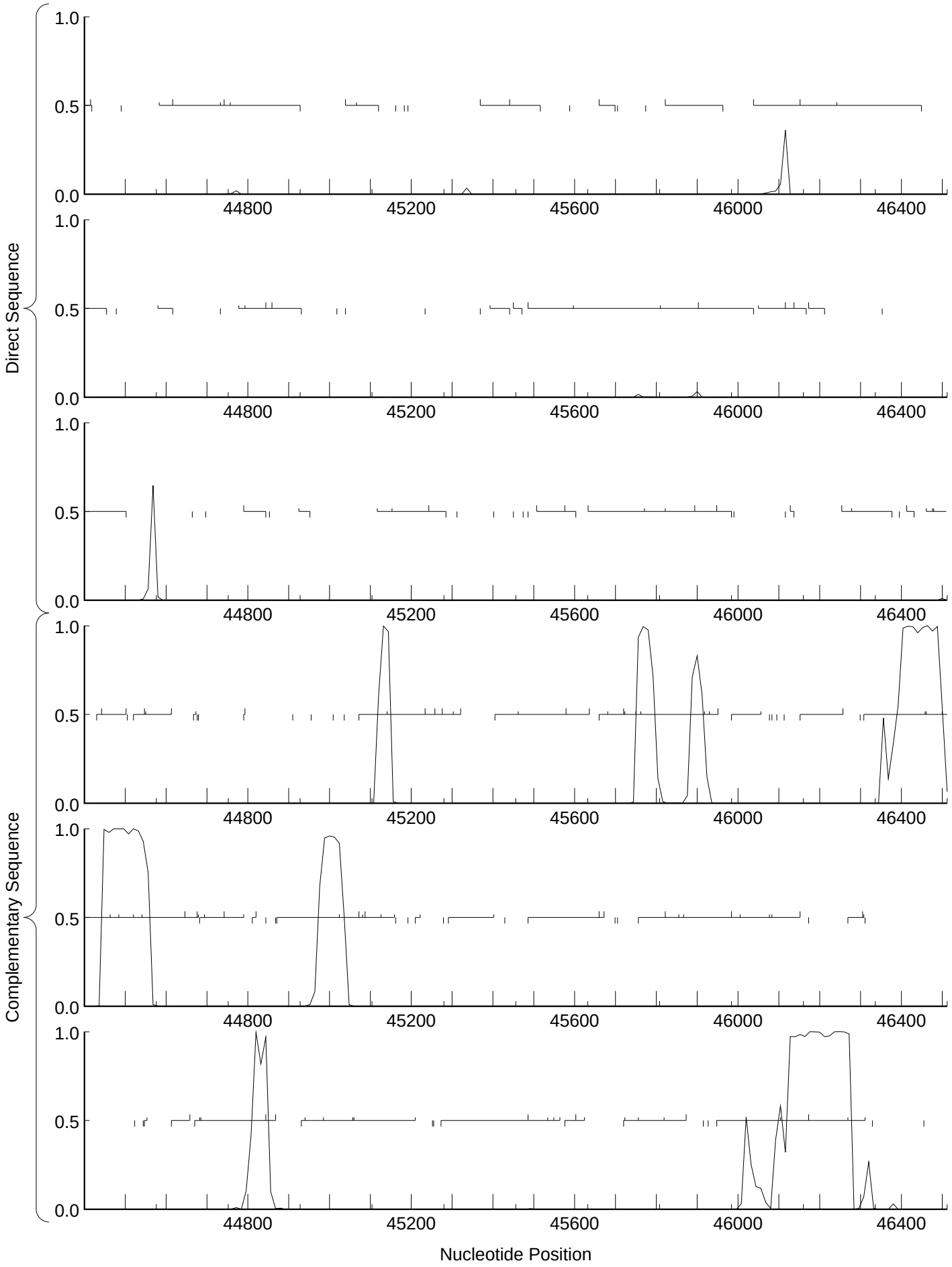


ycobacterium phage Lucky2013, 108627 bp including 4-base 3’ overhang (ATCC), Cluster J, Order 4, Window 96, Step 12, 21/53

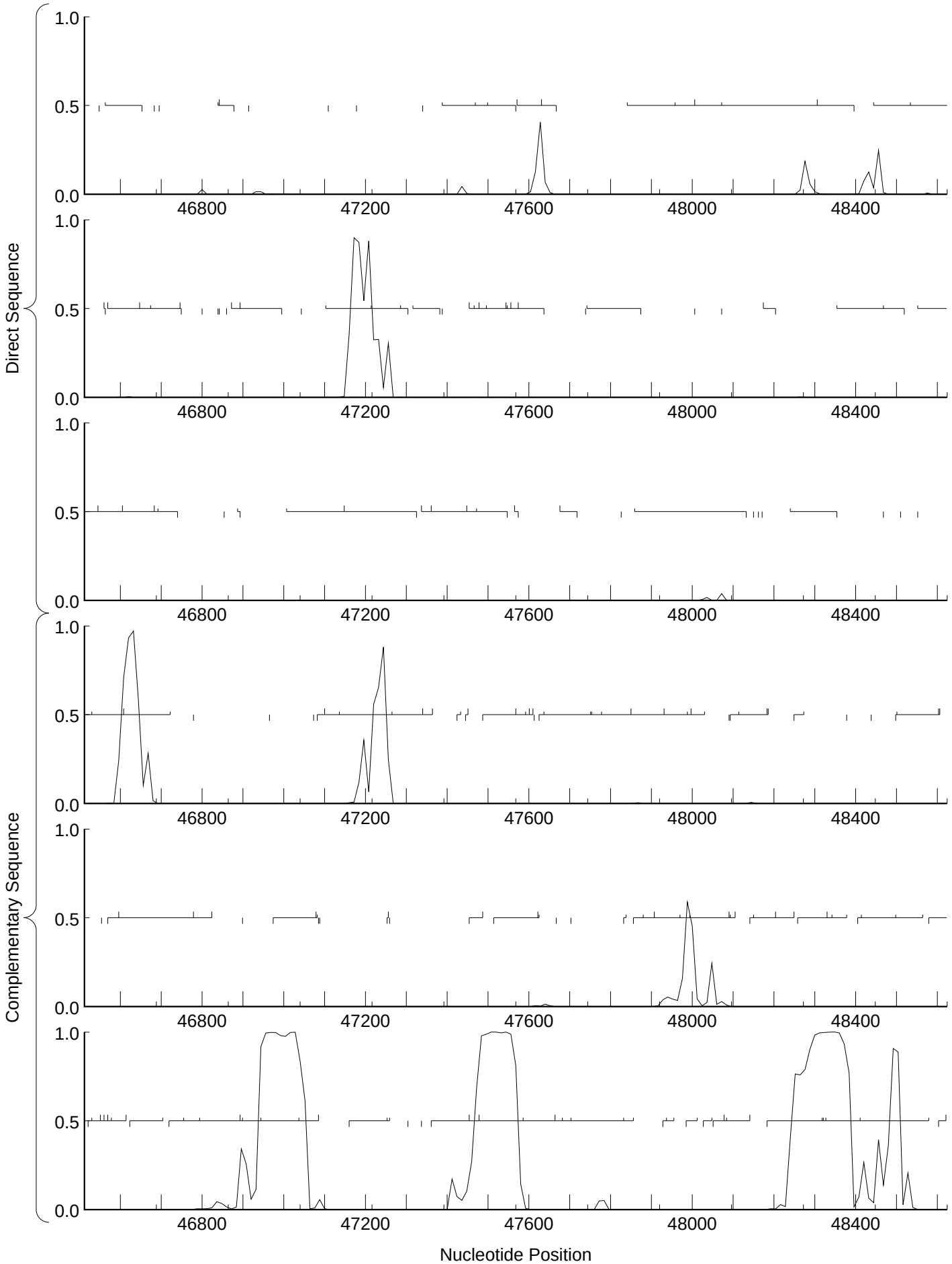


ycobacterium phage Lucky2013, 108627 bp including 4-base 3’ overhang (ATCC), Cluster J, Order 4, Window 96, Step 12, 22/53

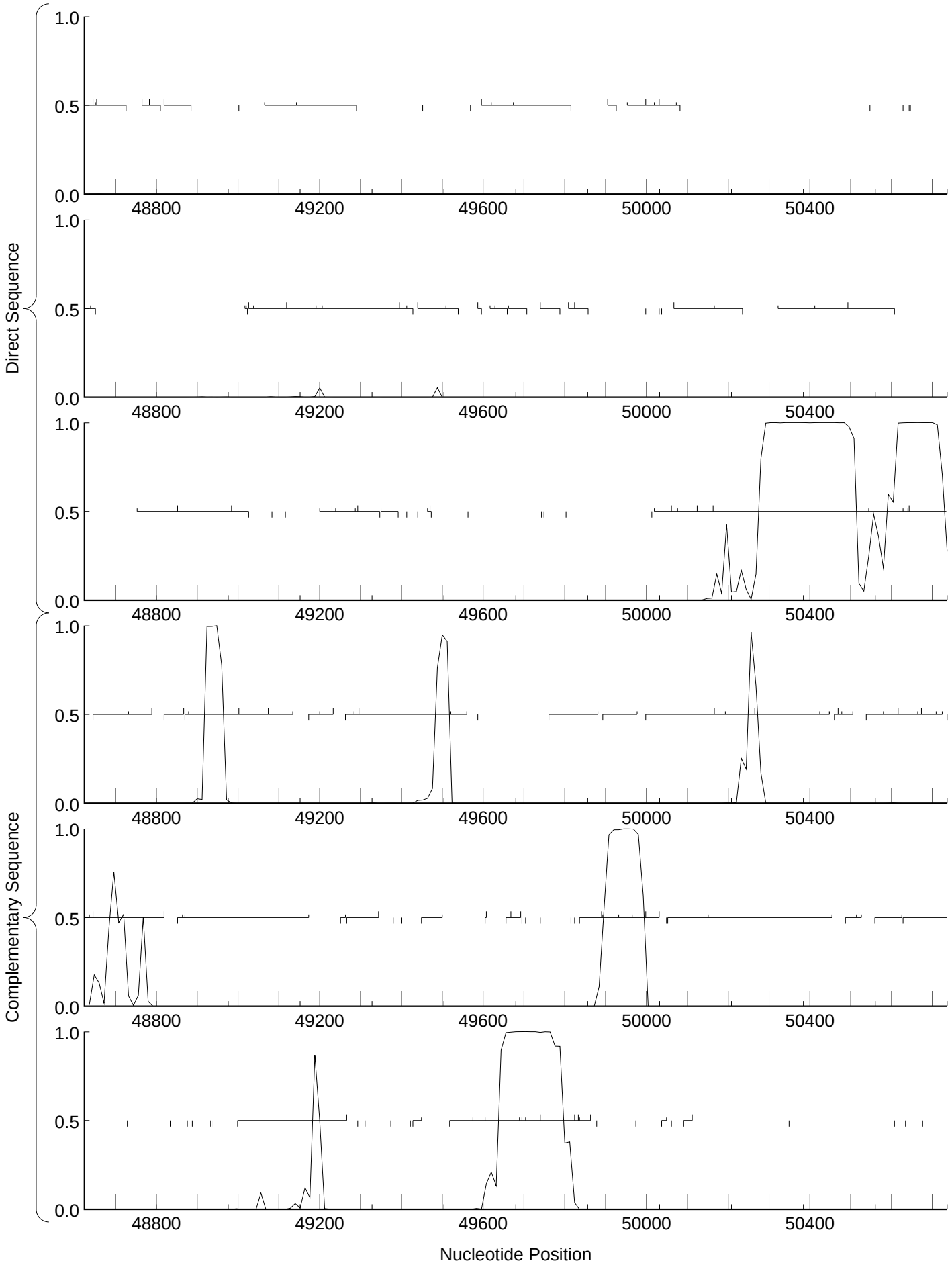


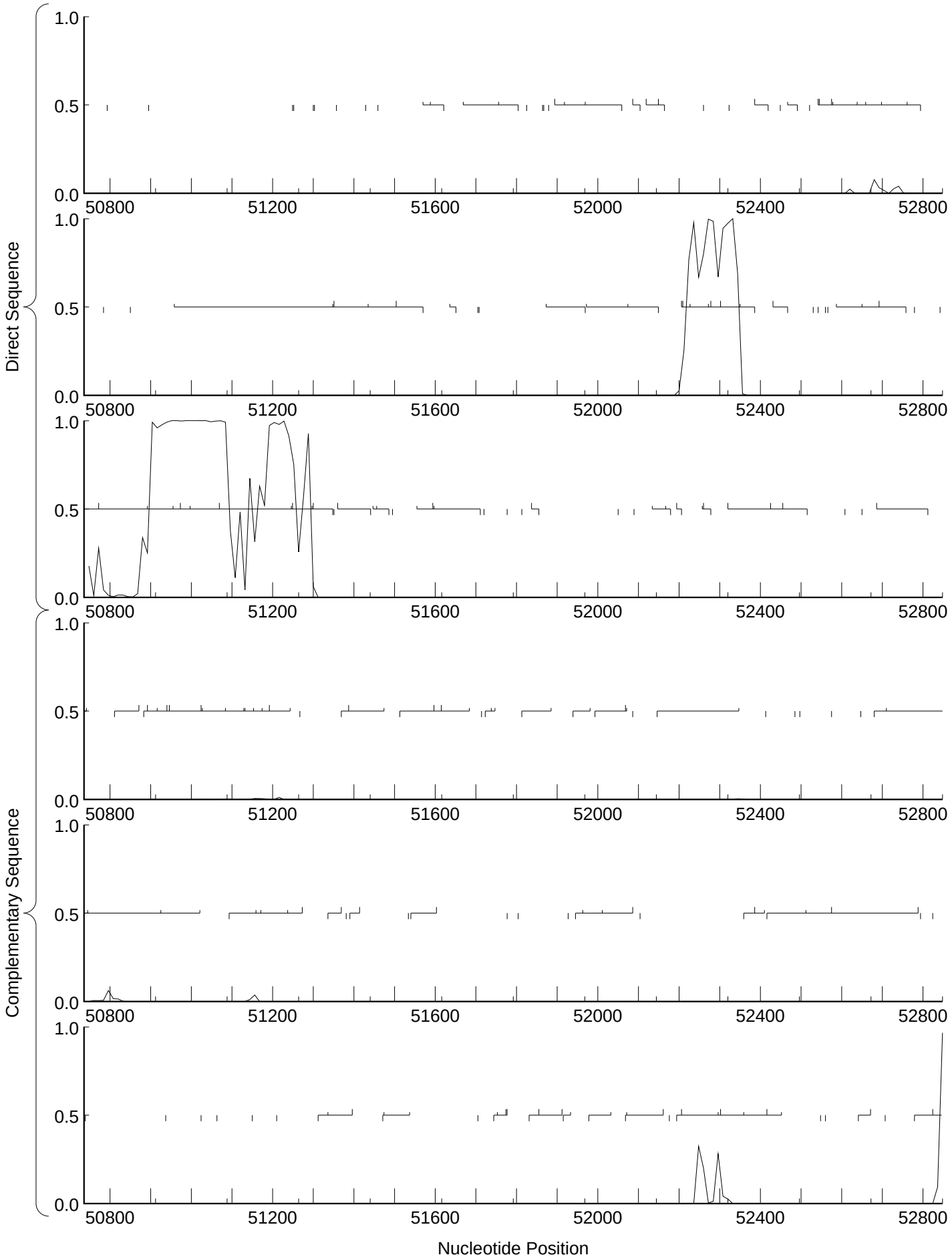

Direct Sequence
Complementary Sequence
1.0
0.5
0.0
44800
45200
45600
46000
46400
Nucleotide Position

ycobacterium phage Lucky2013, 108627 bp including 4-base 3’ overhang (ATCC), Cluster J, Order 4, Window 96, Step 12, 24/53

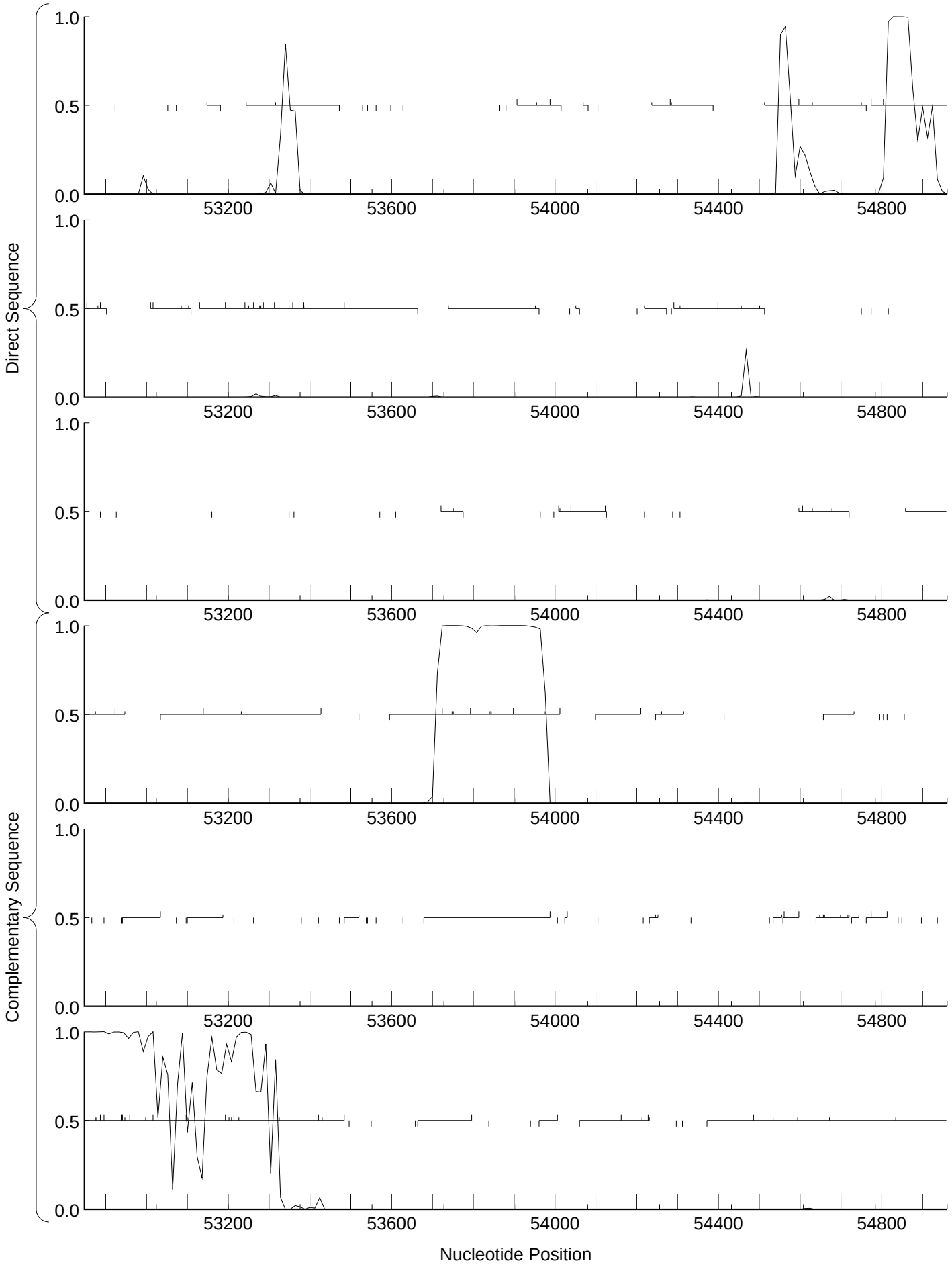


ycobacterium phage Lucky2013, 108627 bp including 4-base 3’ overhang (ATCC), Cluster J, Order 4, Window 96, Step 12, 25/53

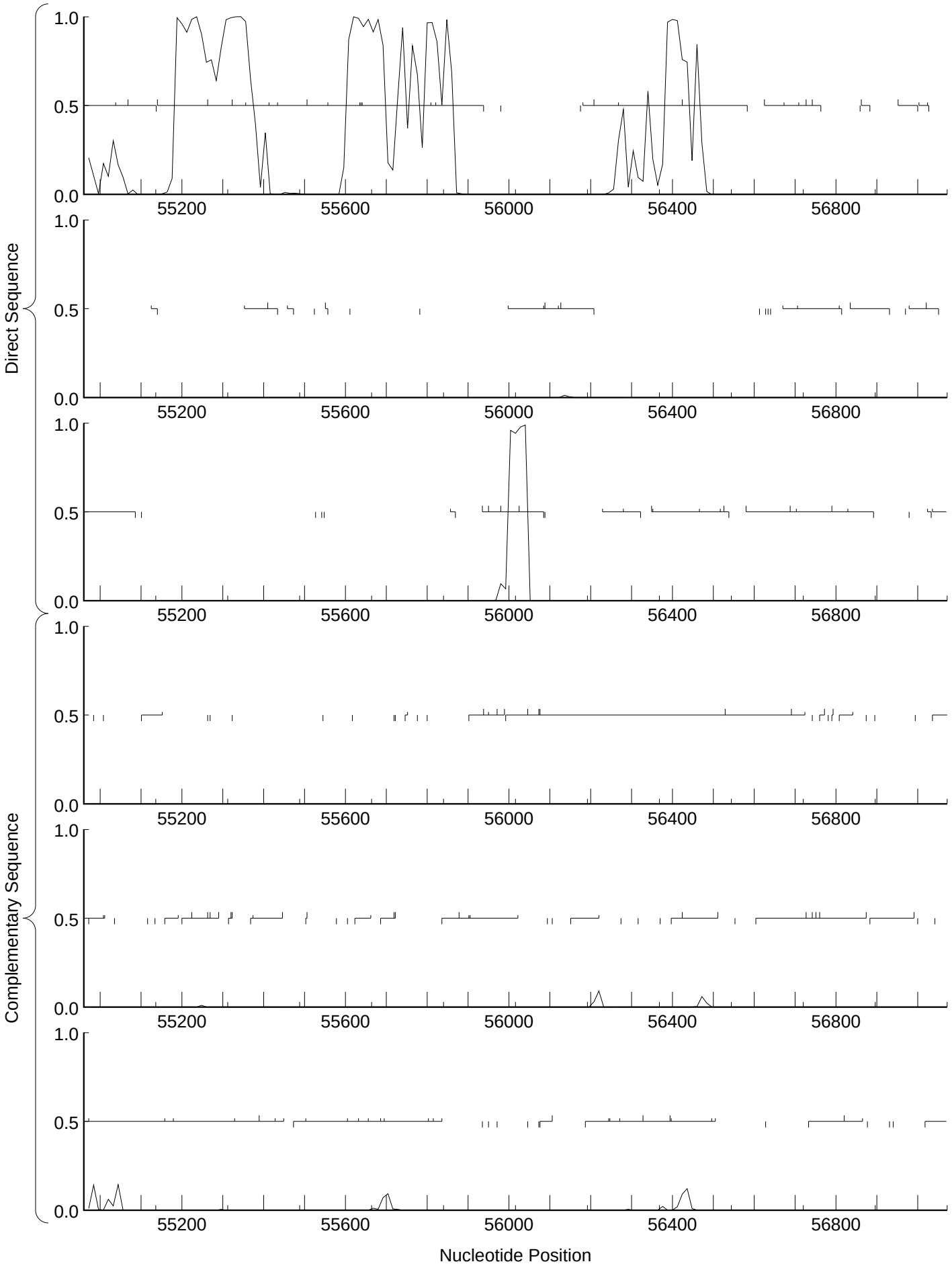



Direct Sequence
Complementary Sequence
1.0
0.5
0.0
50800
51200
51600
52000
52400
52800
Nucleotide Position

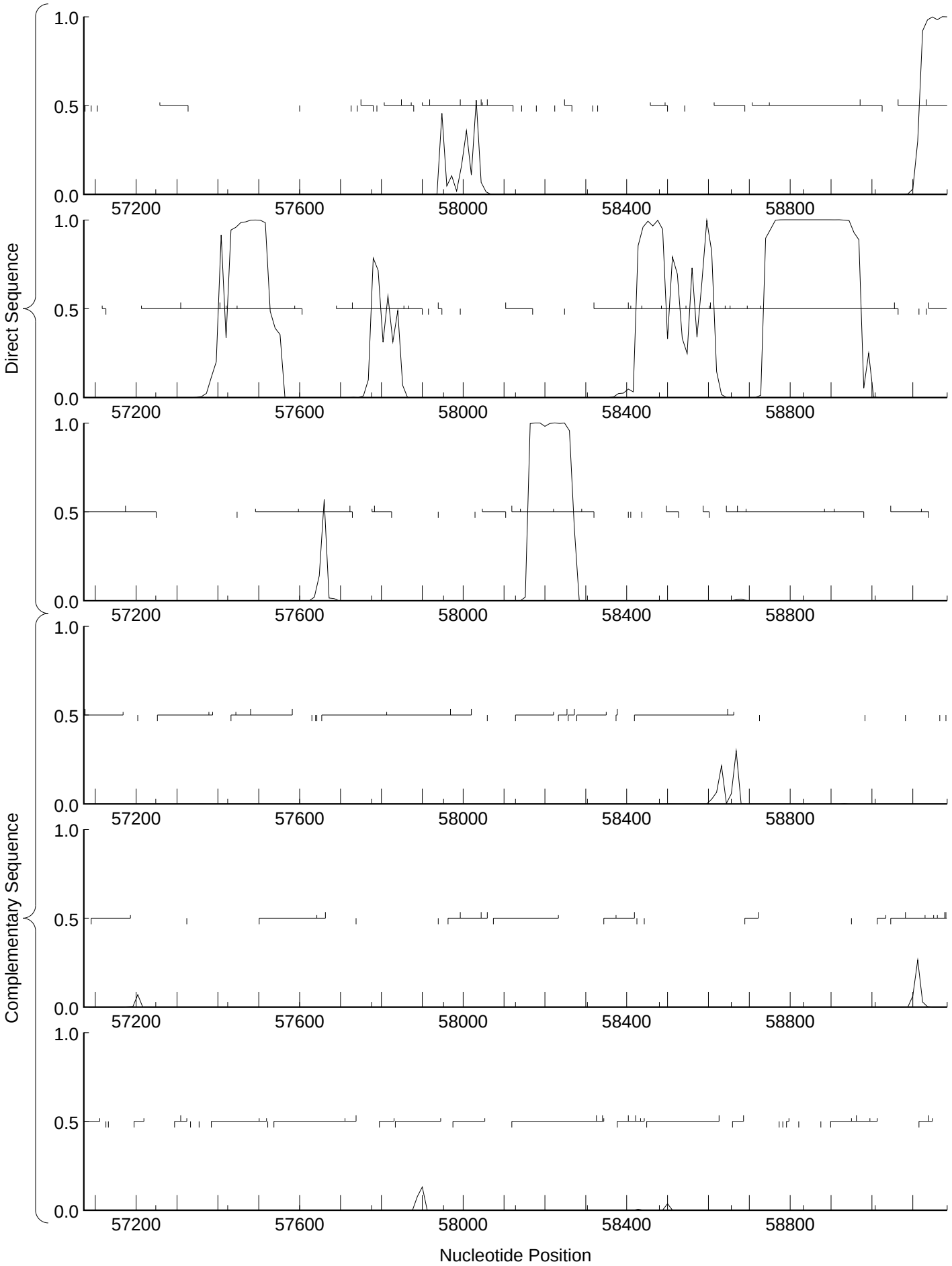
ycobacterium phage Lucky2013, 108627 bp including 4-base 3’ overhang (ATCC), Cluster J, Order 4, Window 96, Step 12, 27/53



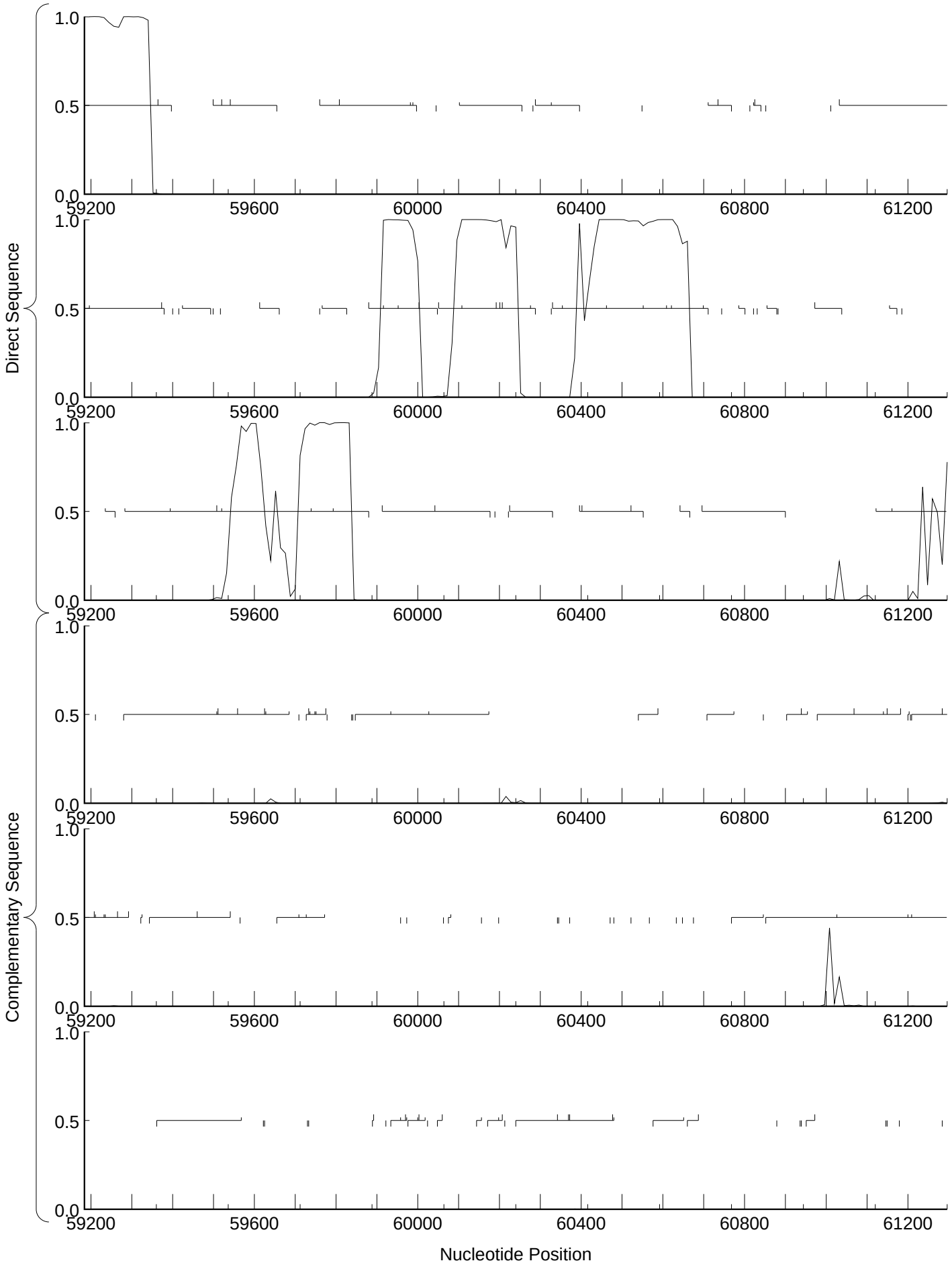
ycobacterium phage Lucky2013, 108627 bp including 4-base 3’ overhang (ATCC), Cluster J, Order 4, Window 96, Step 12, 28/53



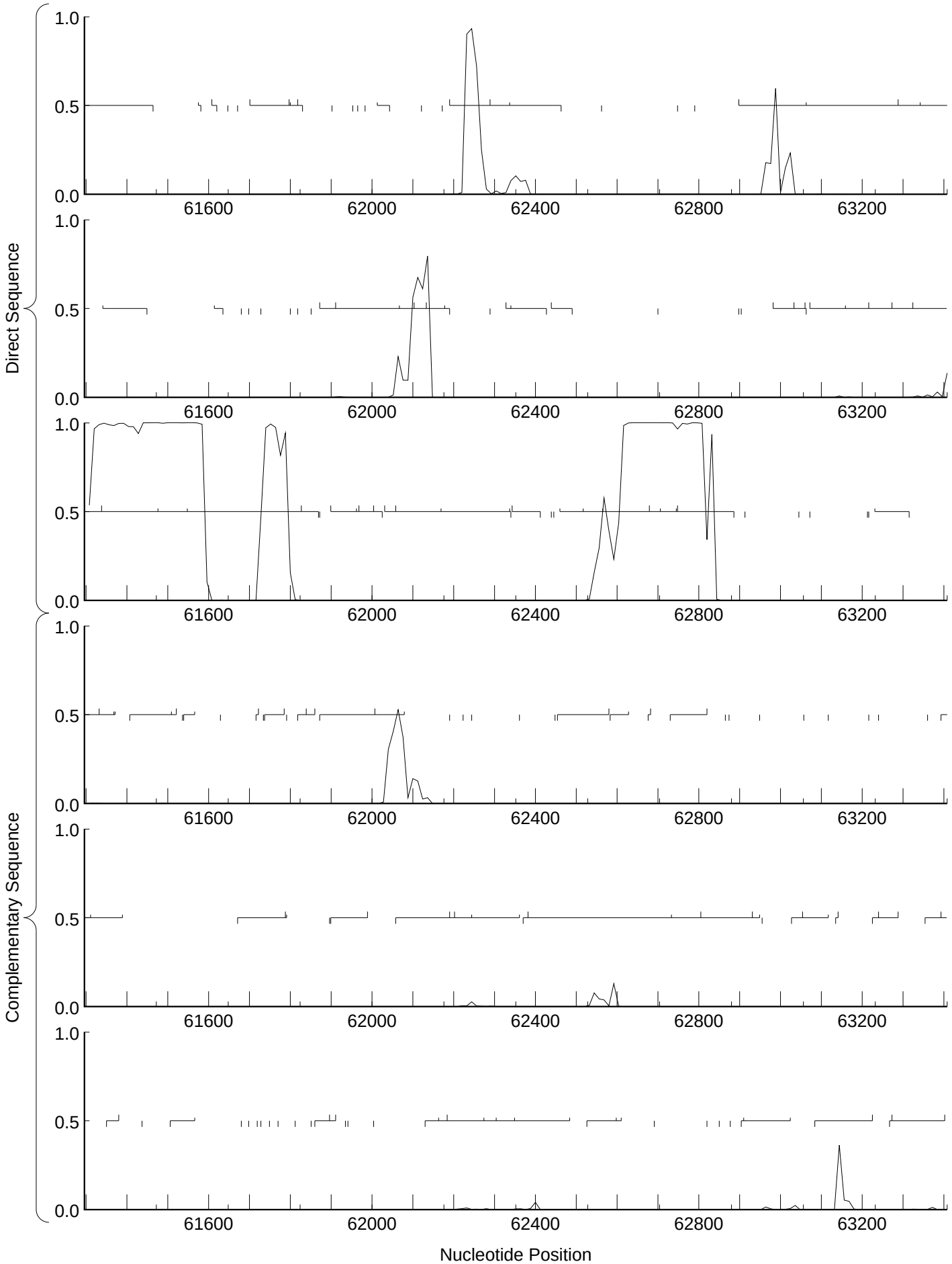
ycobacterium phage Lucky2013, 108627 bp including 4-base 3’ overhang (ATCC), Cluster J, Order 4, Window 96, Step 12, 29/53



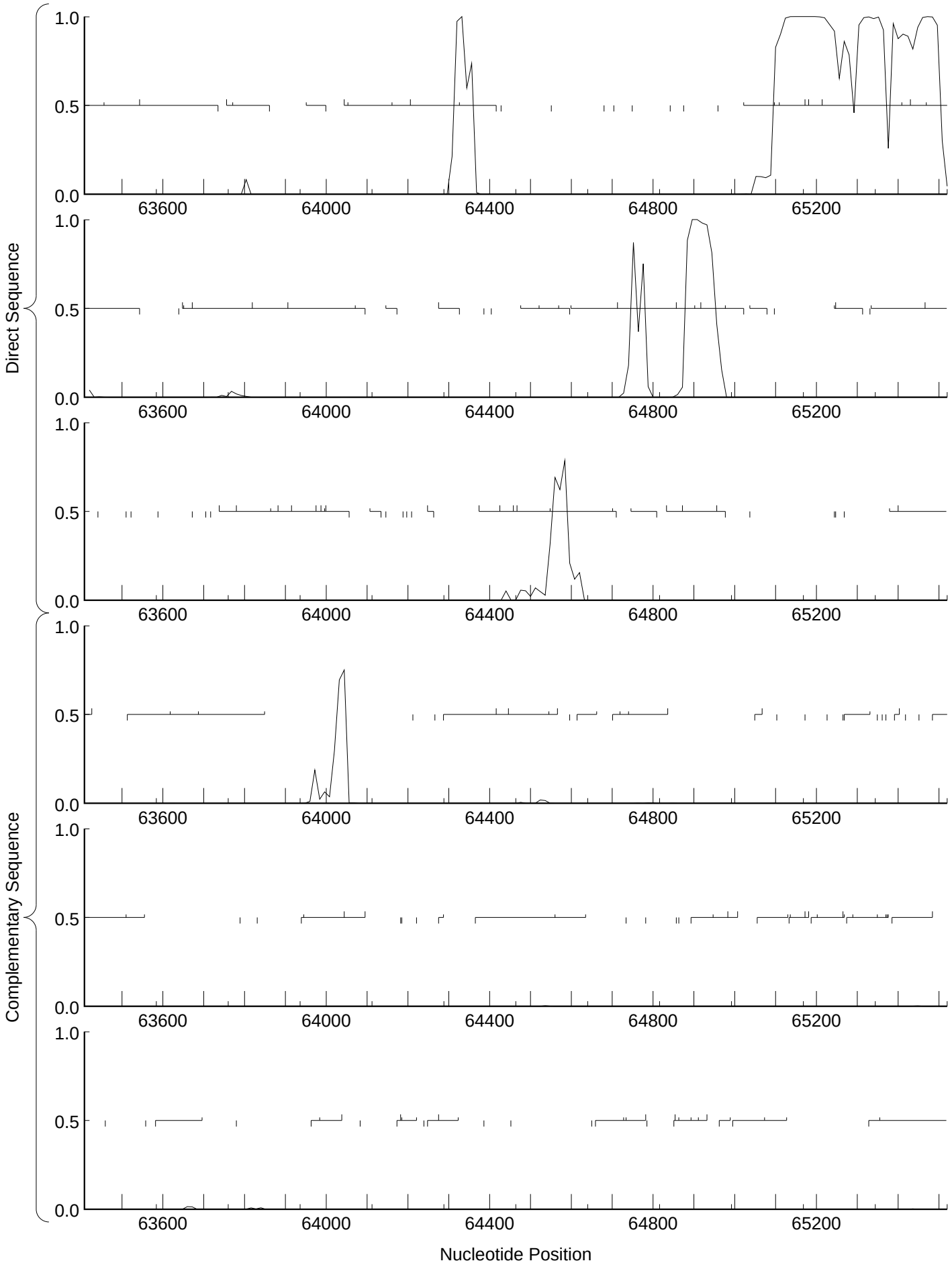
ycobacterium phage Lucky2013, 108627 bp including 4-base 3’ overhang (ATCC), Cluster J, Order 4, Window 96, Step 12, 30/53



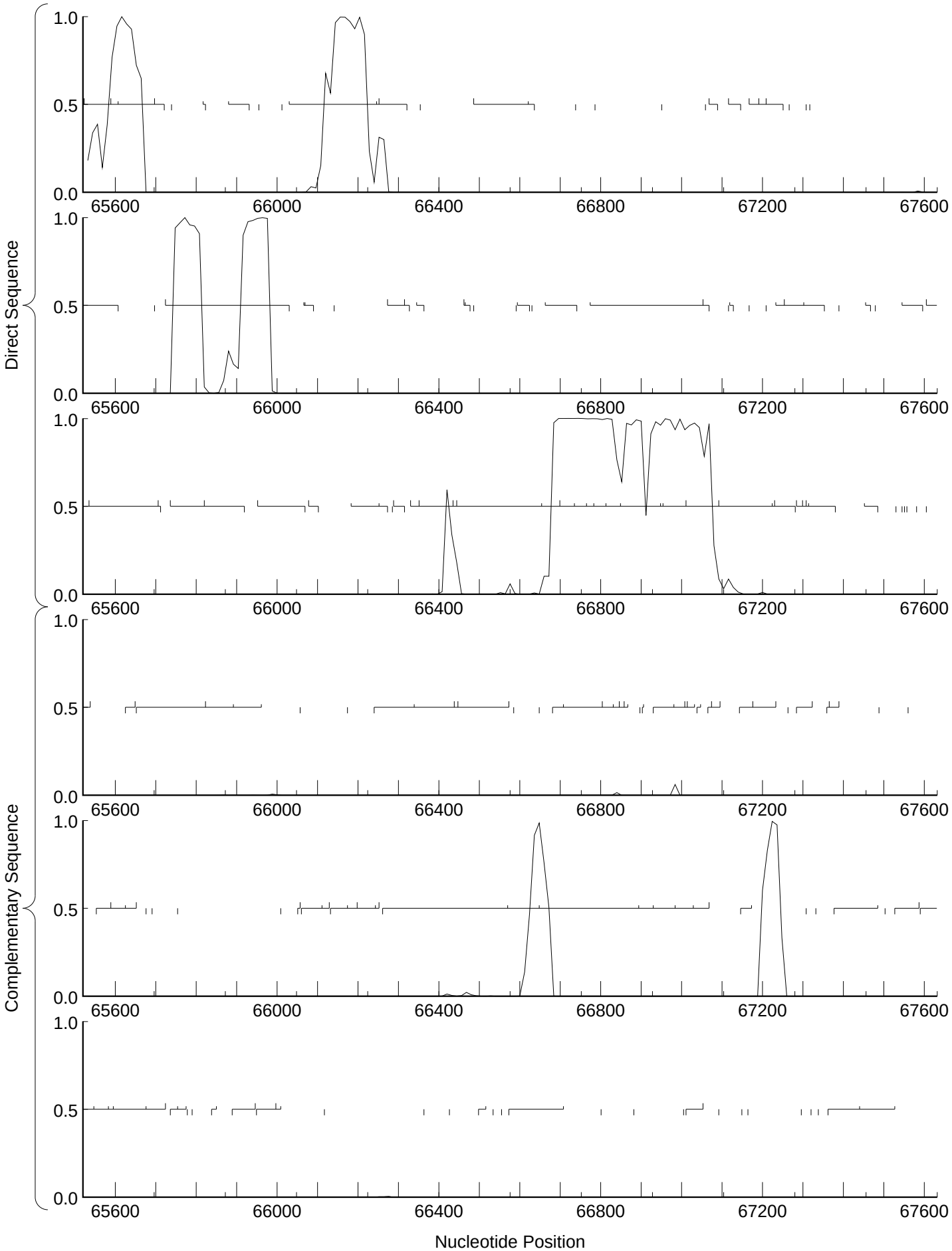
ycobacterium phage Lucky2013, 108627 bp including 4-base 3’ overhang (ATCC), Cluster J, Order 4, Window 96, Step 12, 31/53



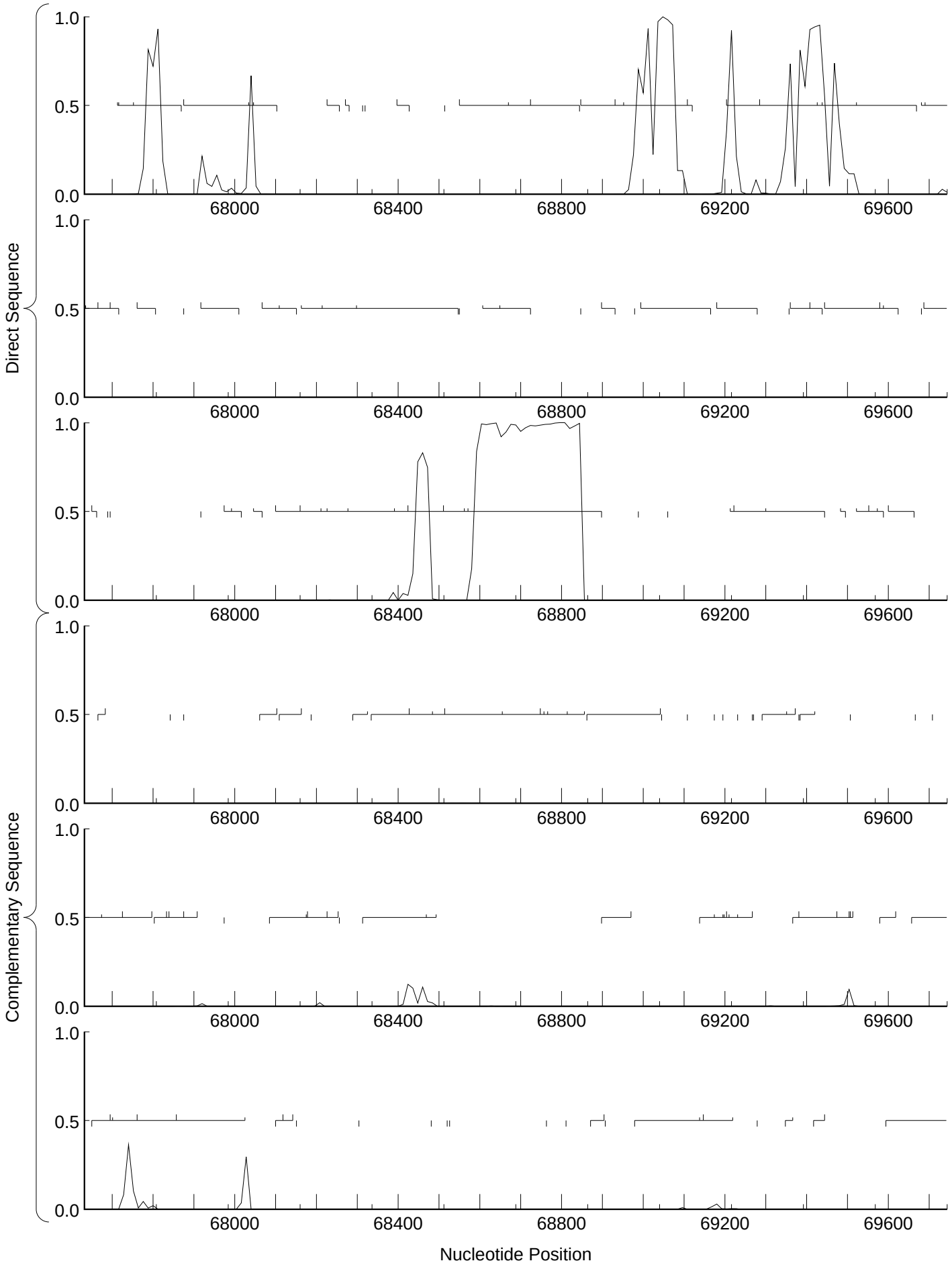
ycobacterium phage Lucky2013, 108627 bp including 4-base 3’ overhang (ATCC), Cluster J, Order 4, Window 96, Step 12, 32/53



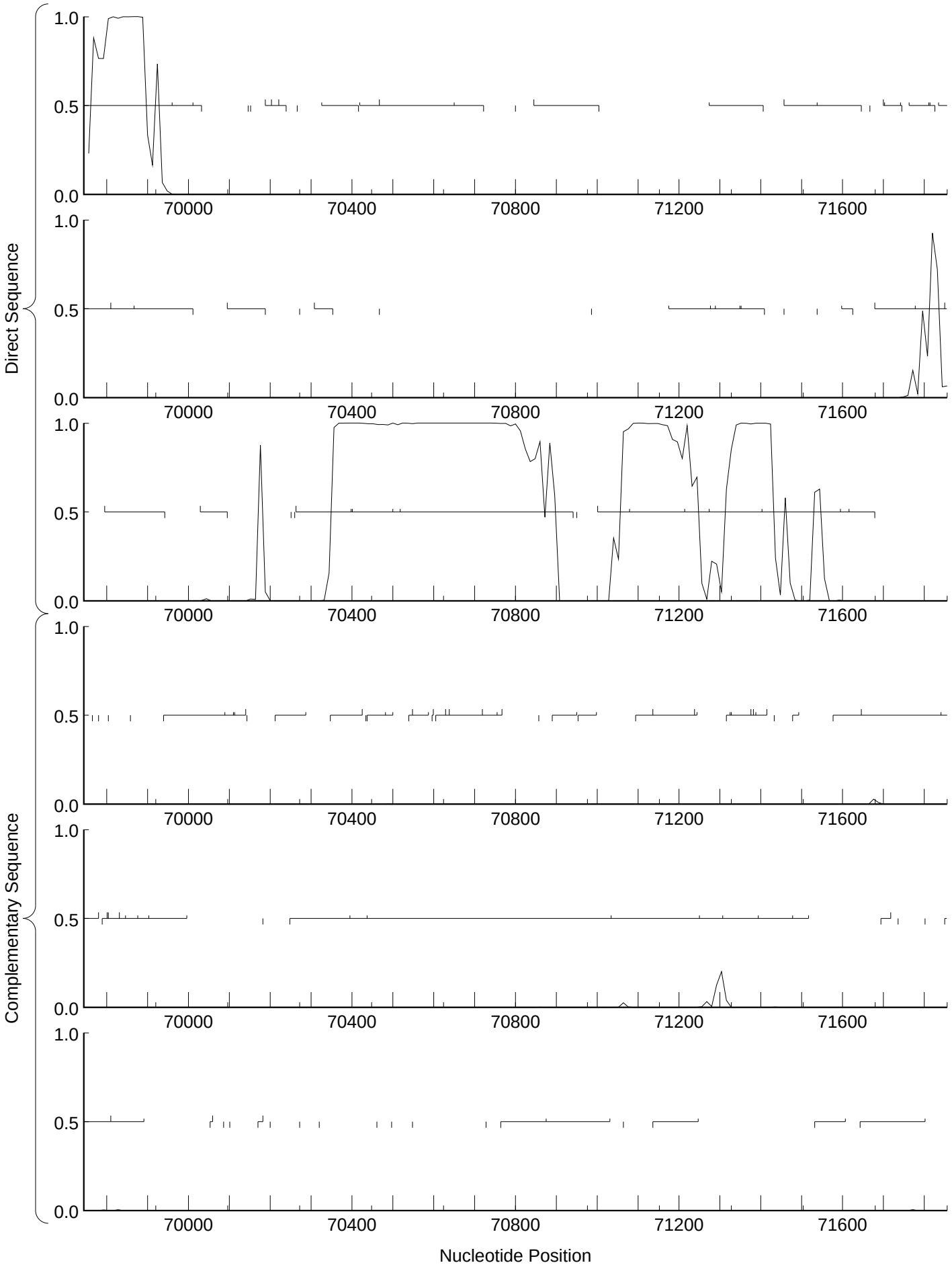
ycobacterium phage Lucky2013, 108627 bp including 4-base 3’ overhang (ATCC), Cluster J, Order 4, Window 96, Step 12, 33/53



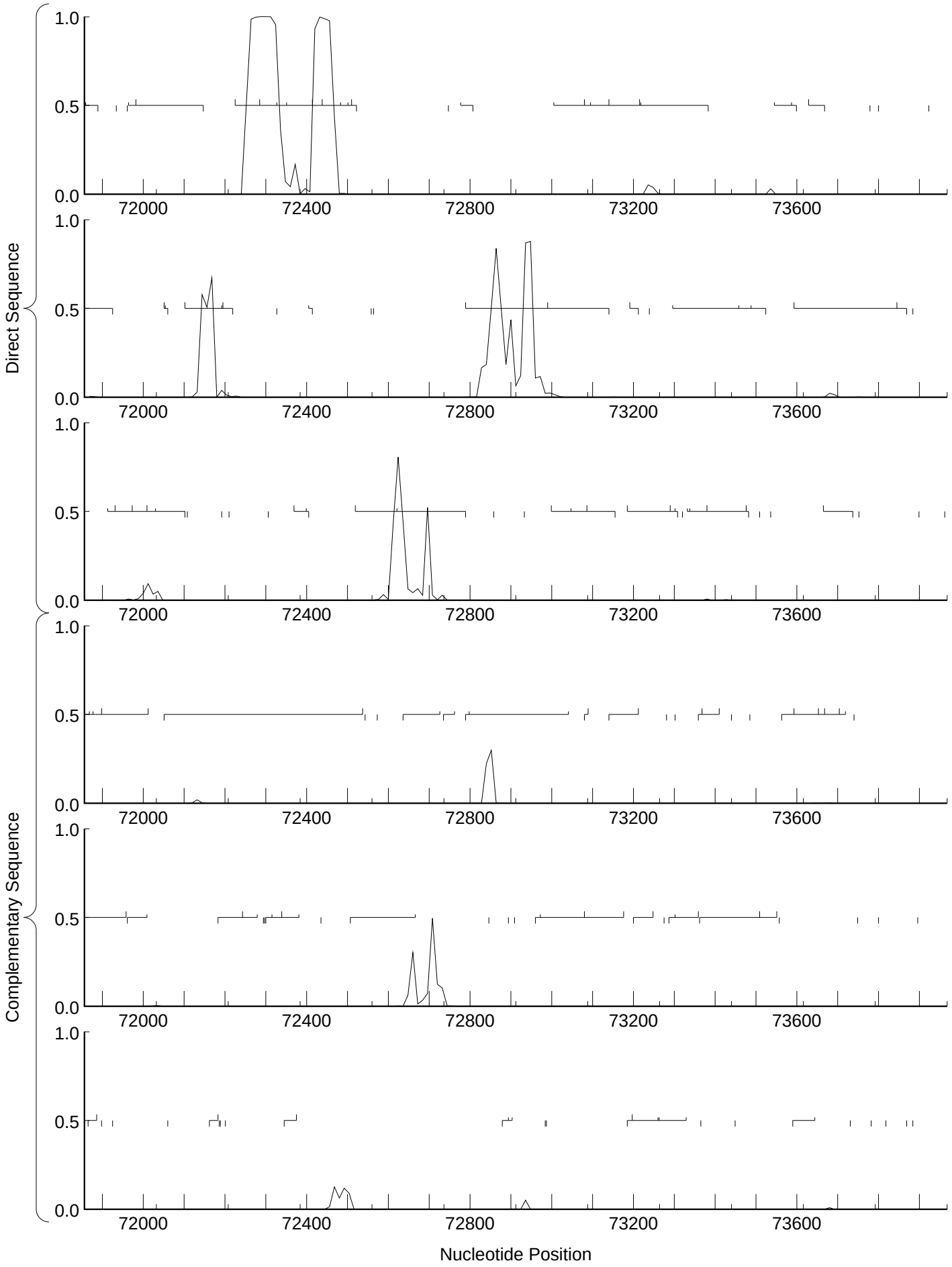
ycobacterium phage Lucky2013, 108627 bp including 4-base 3’ overhang (ATCC), Cluster J, Order 4, Window 96, Step 12, 34/53



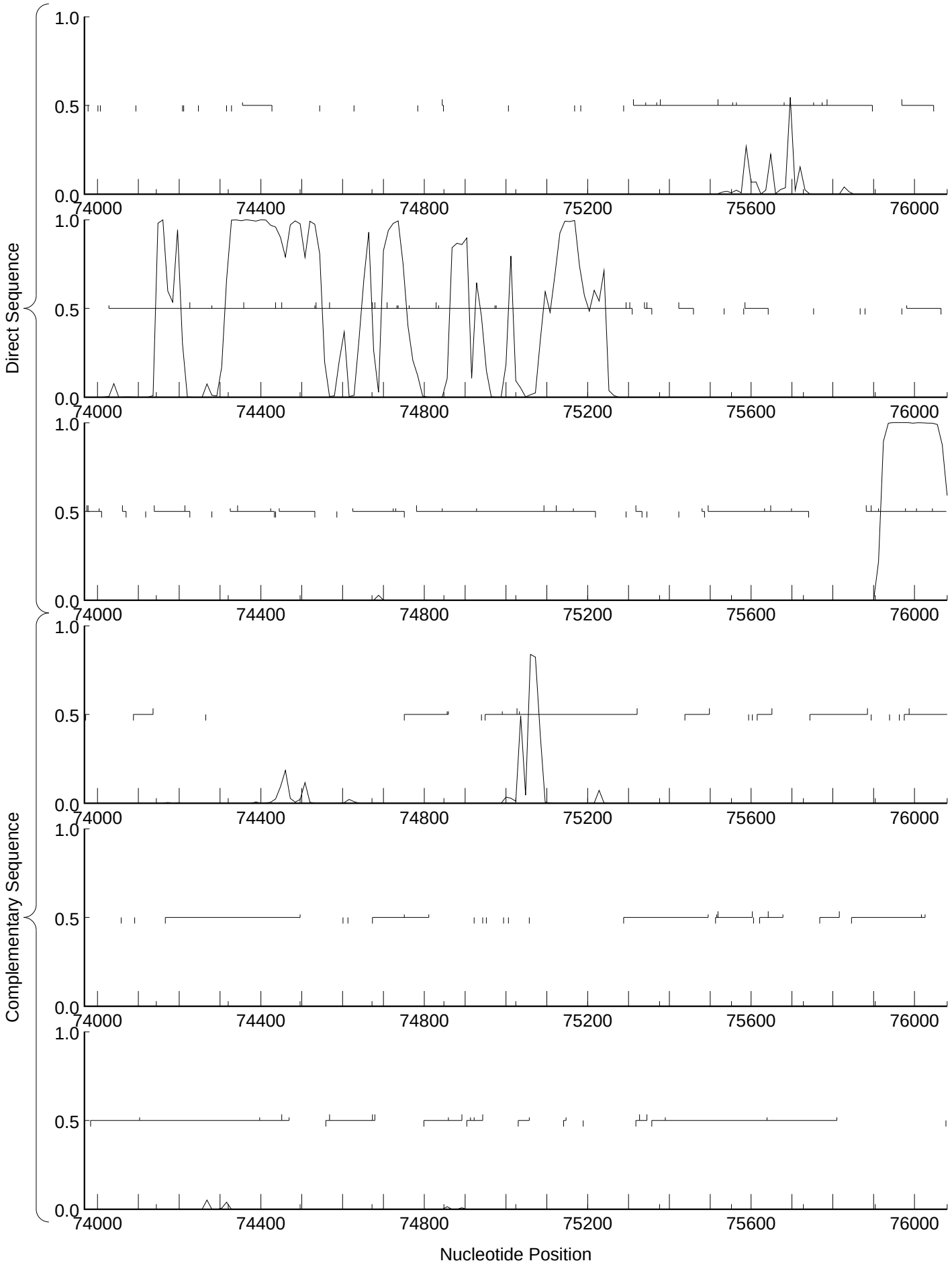
ycobacterium phage Lucky2013, 108627 bp including 4-base 3’ overhang (ATCC), Cluster J, Order 4, Window 96, Step 12, 35/53



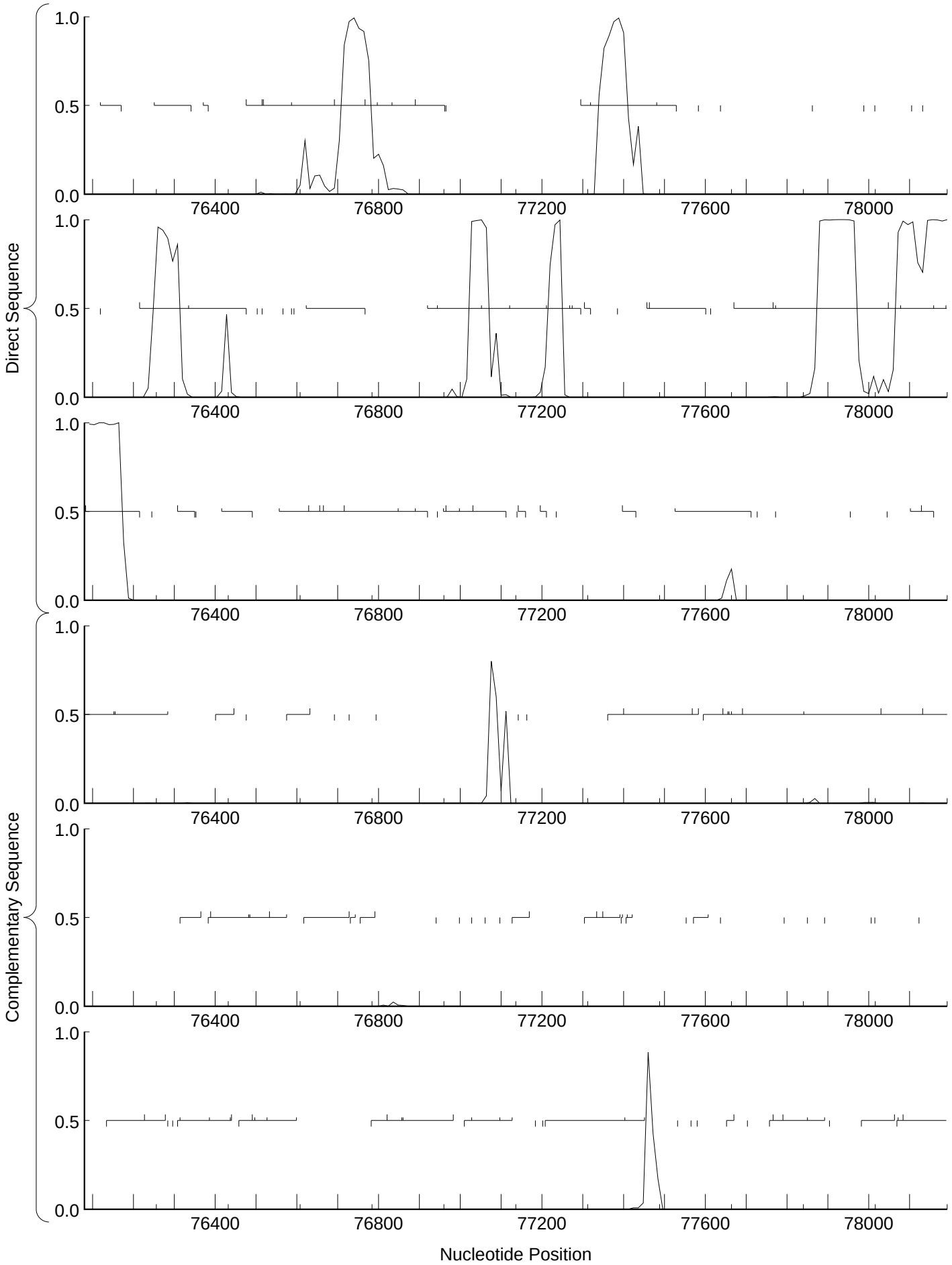
ycobacterium phage Lucky2013, 108627 bp including 4-base 3’ overhang (ATCC), Cluster J, Order 4, Window 96, Step 12, 36/53



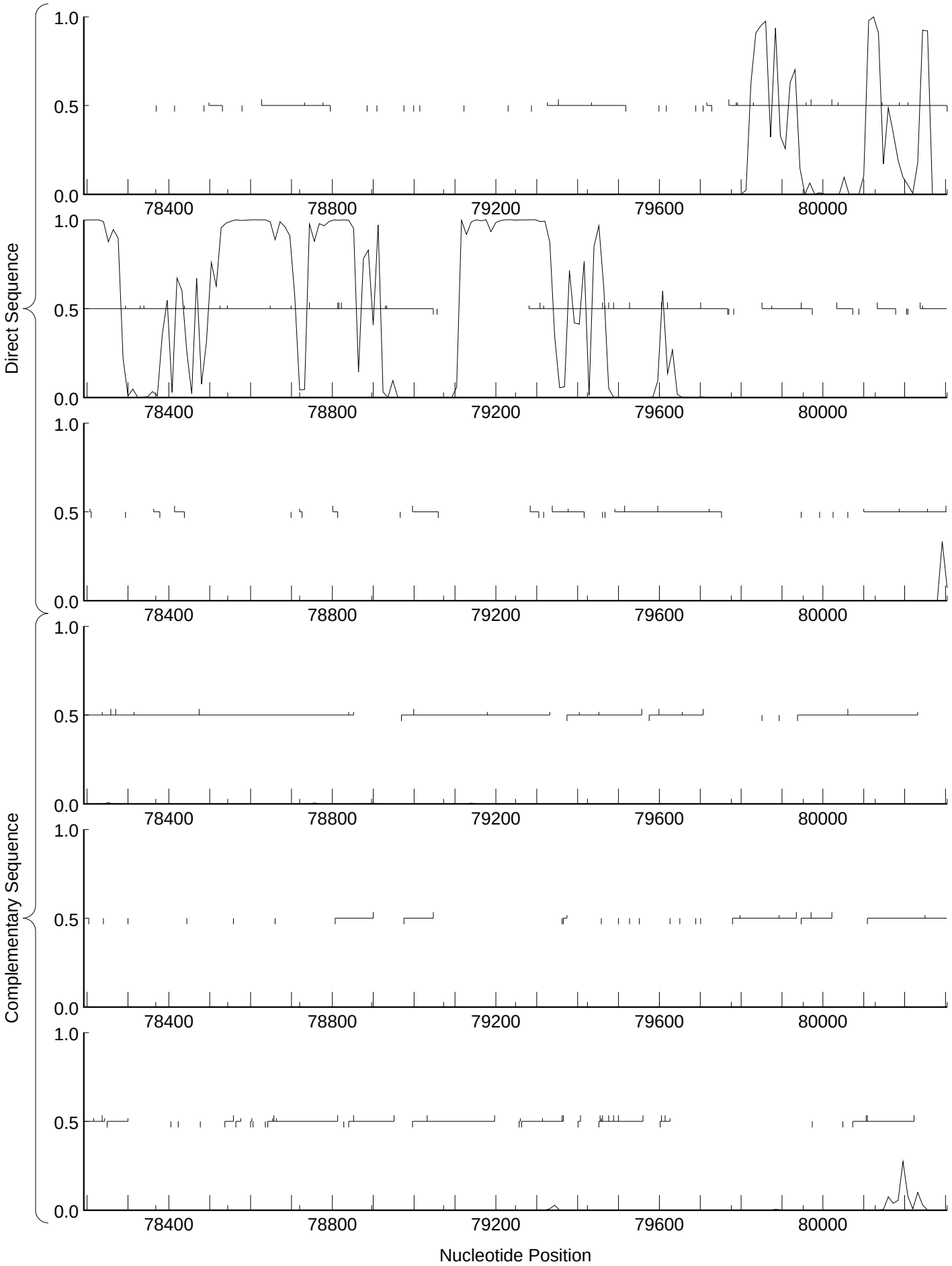
ycobacterium phage Lucky2013, 108627 bp including 4-base 3’ overhang (ATCC), Cluster J, Order 4, Window 96, Step 12, 37/53



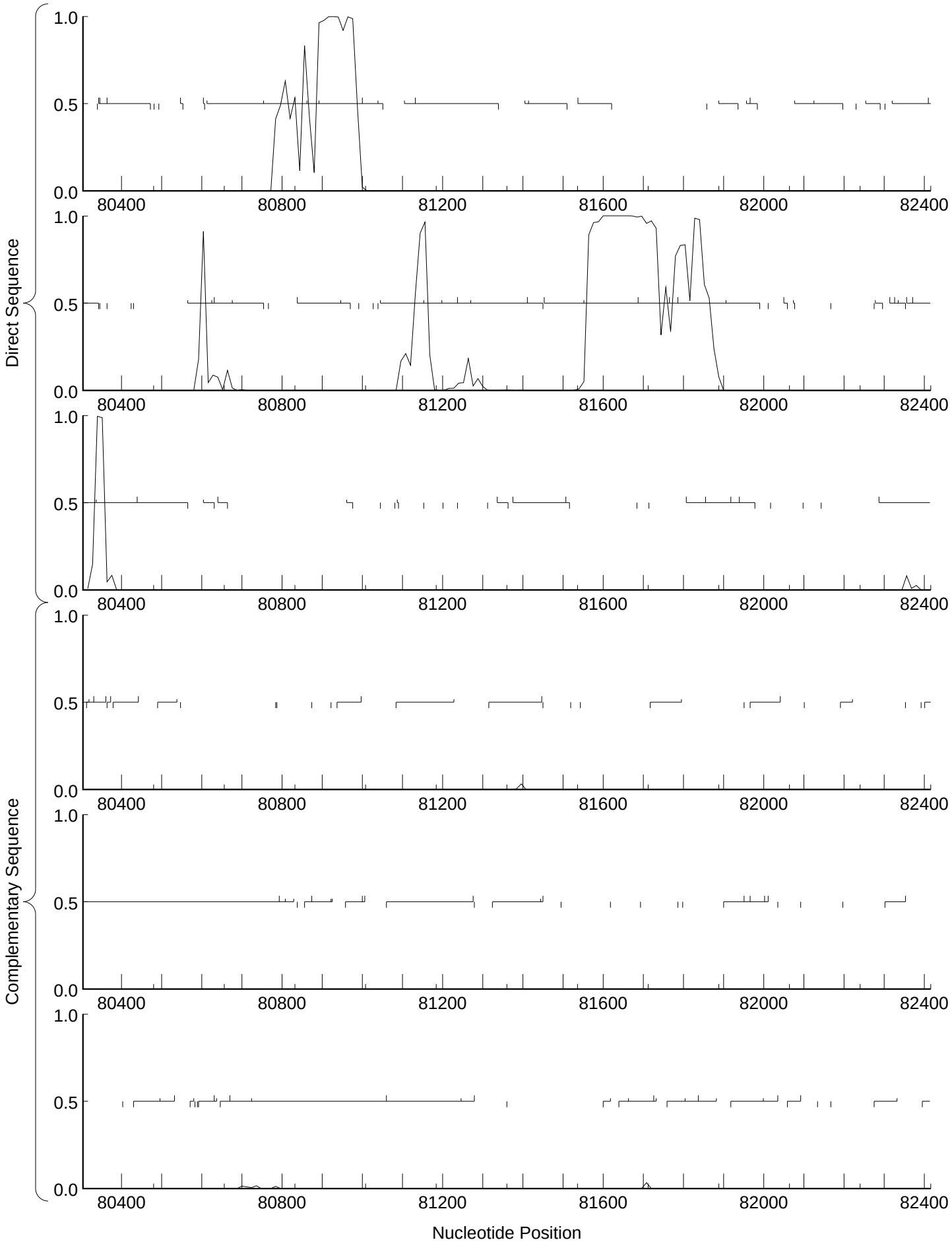
ycobacterium phage Lucky2013, 108627 bp including 4-base 3’ overhang (ATCC), Cluster J, Order 4, Window 96, Step 12, 38/53



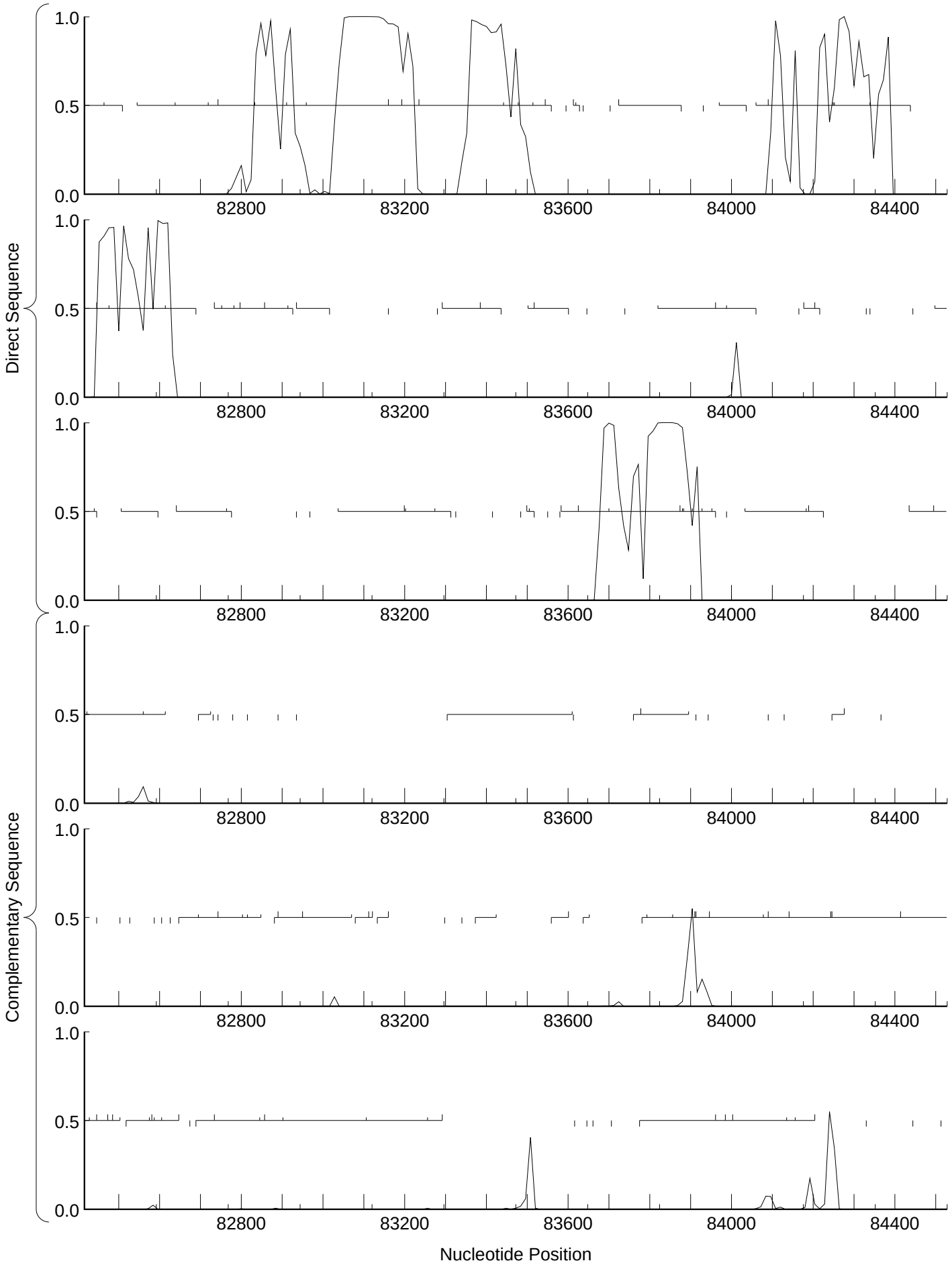
ycobacterium phage Lucky2013, 108627 bp including 4-base 3’ overhang (ATCC), Cluster J, Order 4, Window 96, Step 12, 39/53



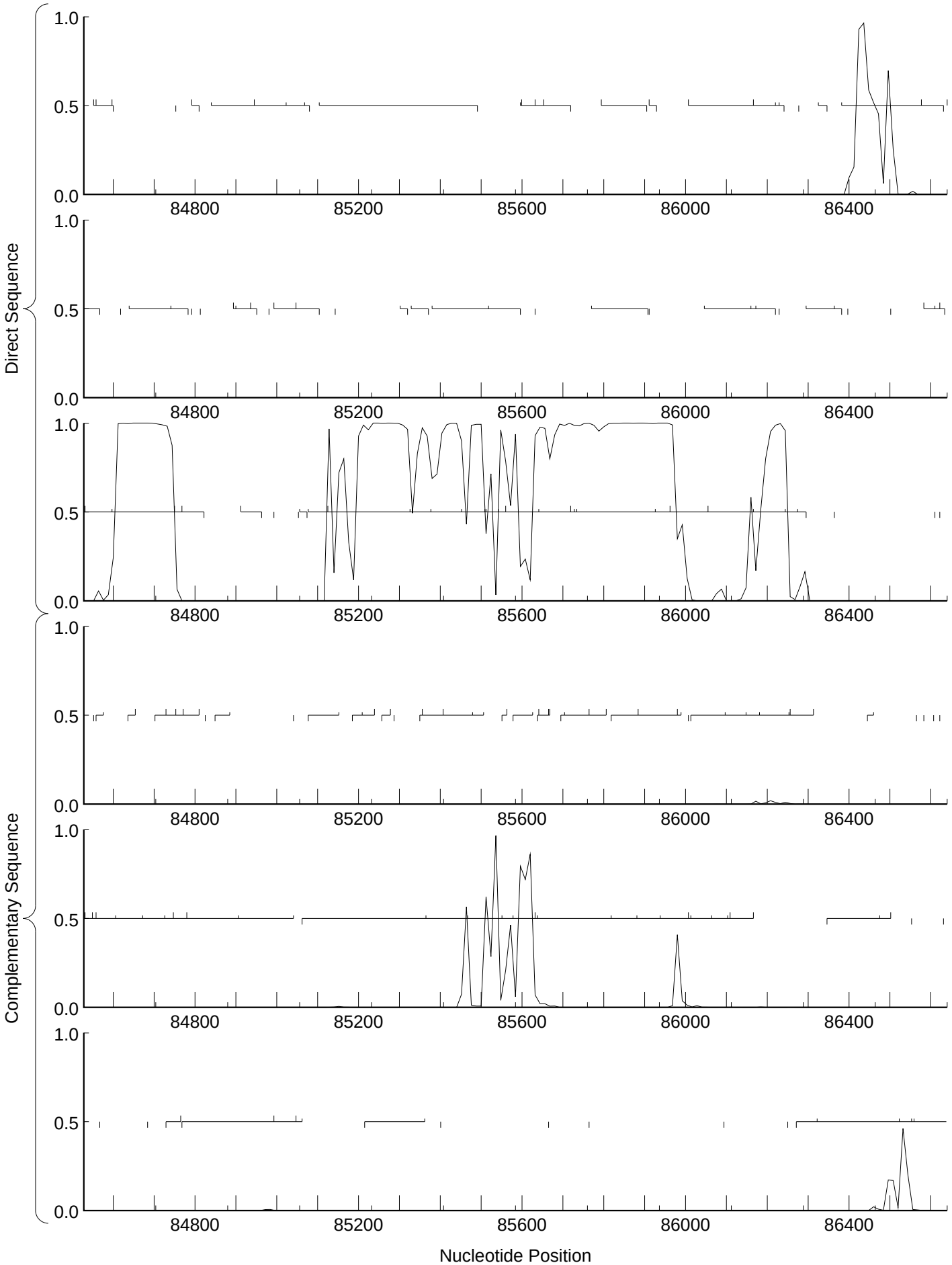
ycobacterium phage Lucky2013, 108627 bp including 4-base 3’ overhang (ATCC), Cluster J, Order 4, Window 96, Step 12, 40/53

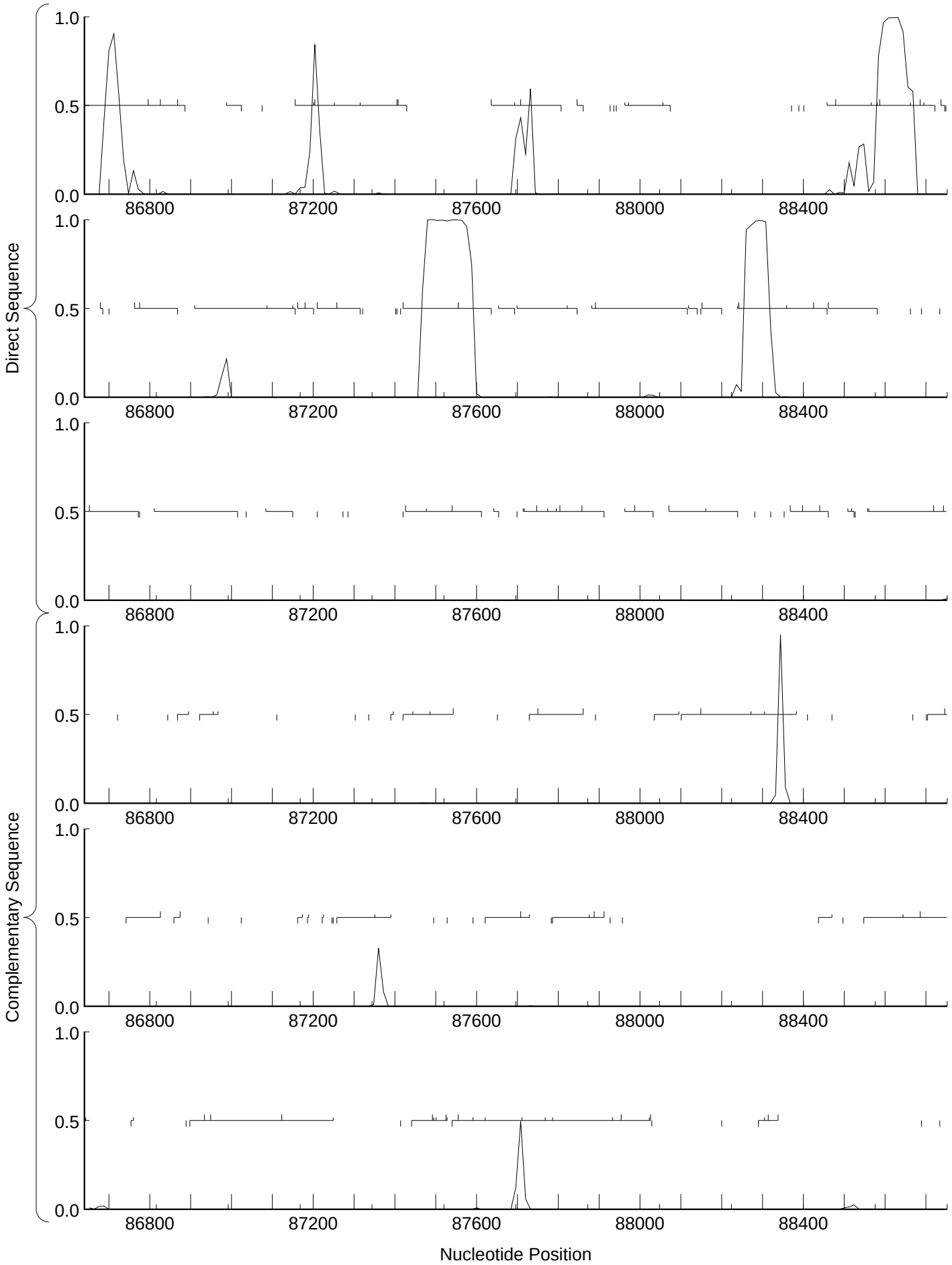


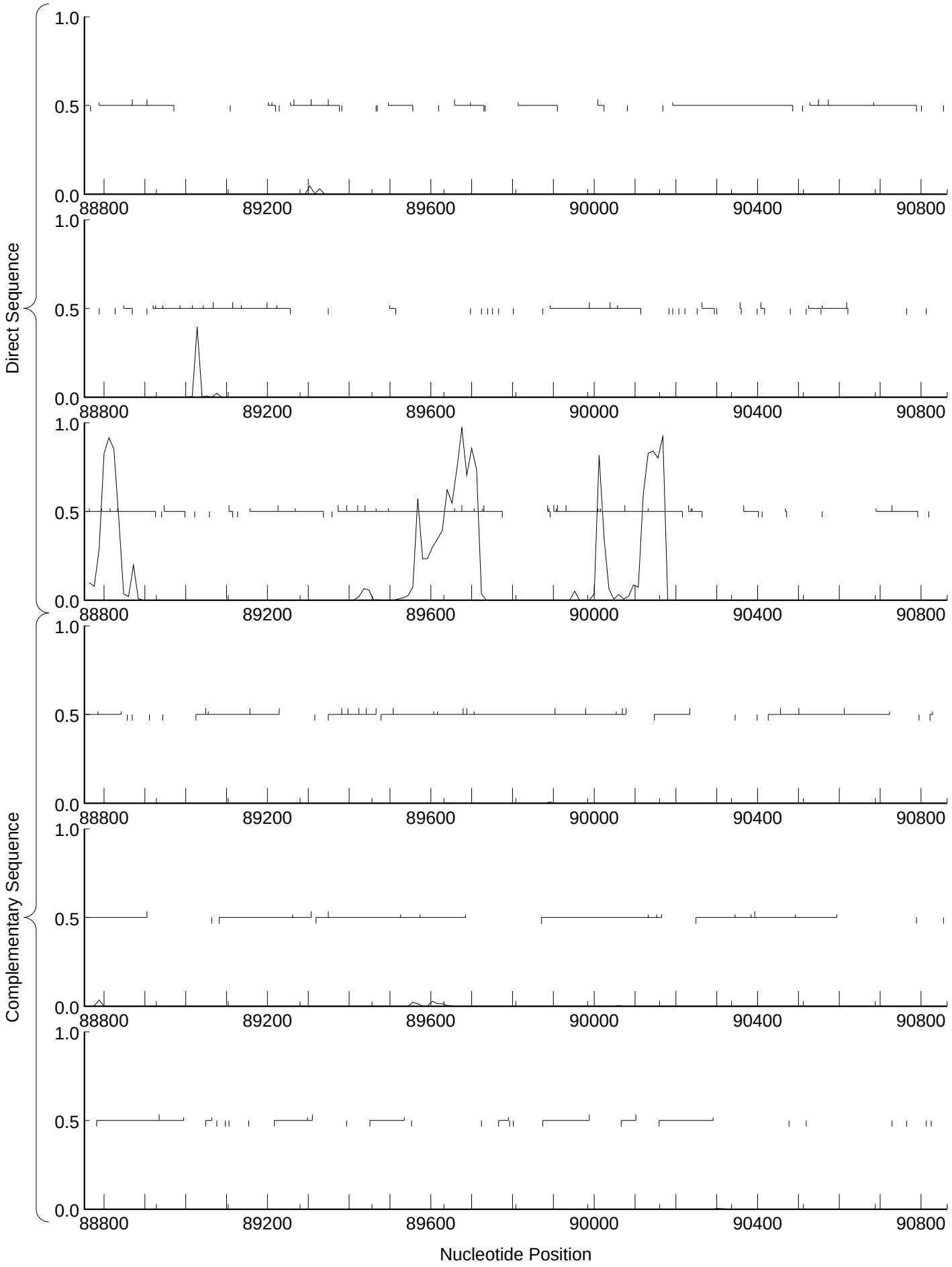
ycobacterium phage Lucky2013, 108627 bp including 4-base 3’ overhang (ATCC), Cluster J, Order 4, Window 96, Step 12, 41/53



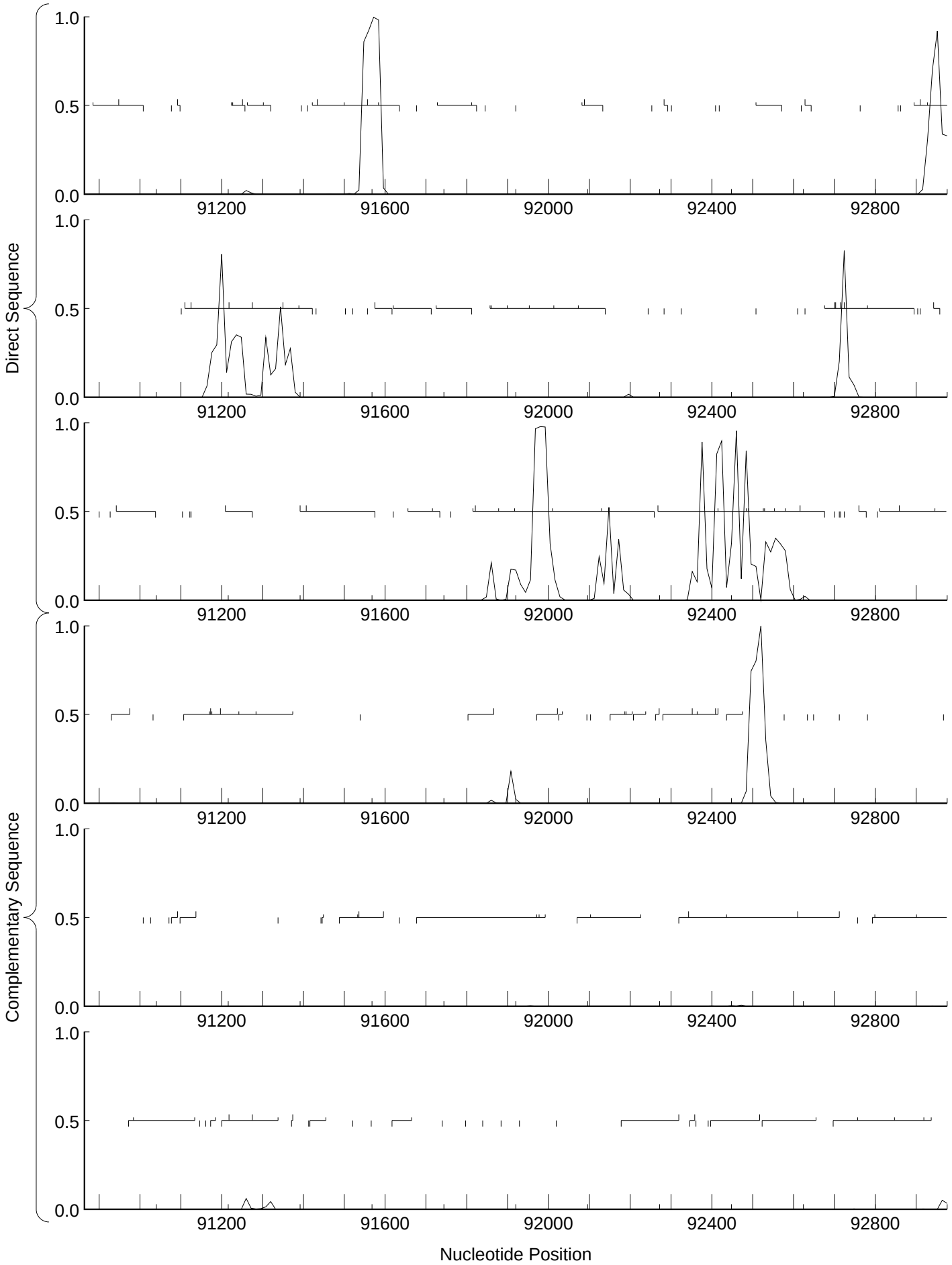
ycobacterium phage Lucky2013, 108627 bp including 4-base 3’ overhang (ATCC), Cluster J, Order 4, Window 96, Step 12, 42/53

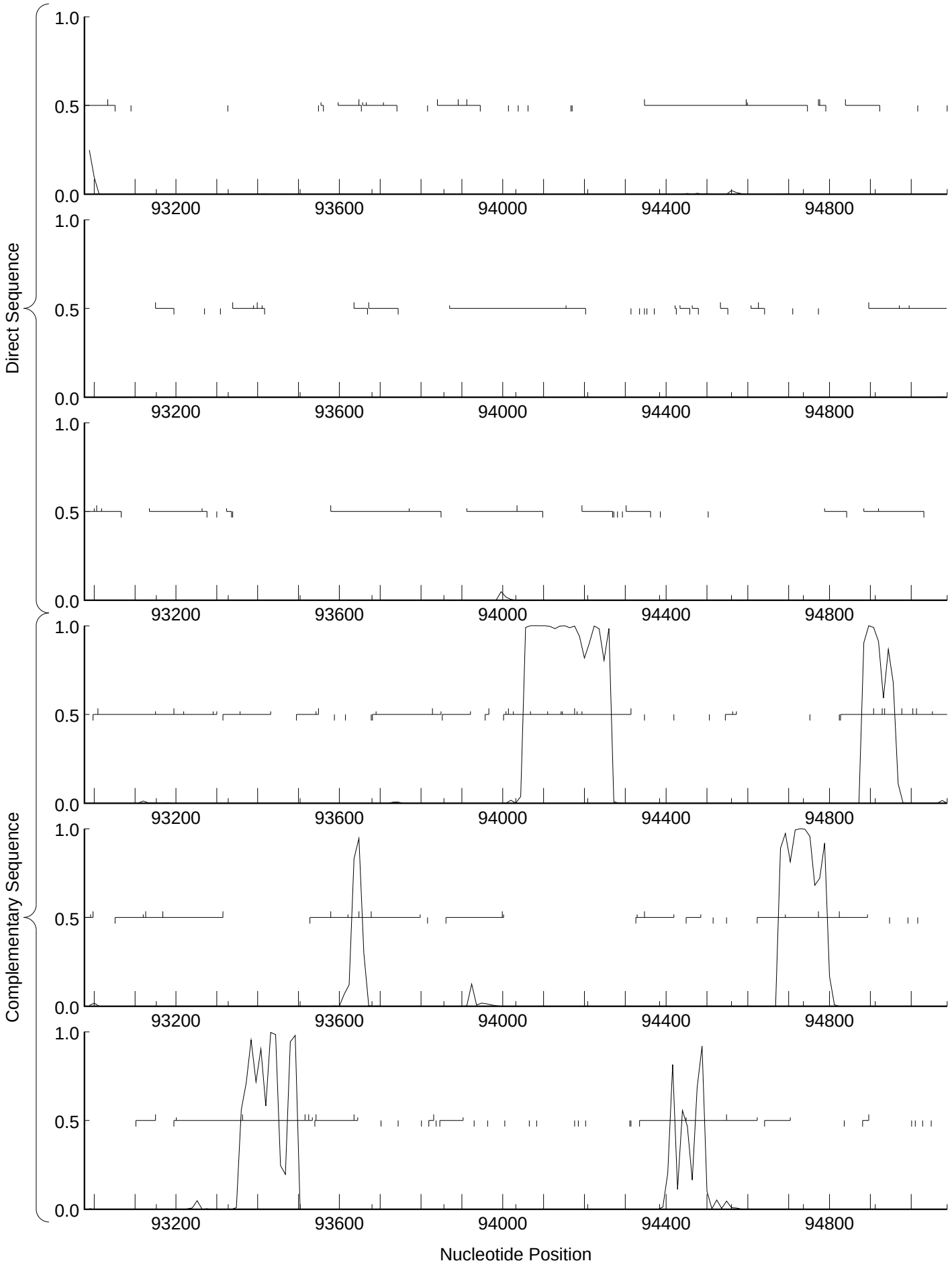



Direct Sequence
Complementary Sequence
1.0
0.5
0.0
86800
87200
87600
88000
88400
Nucleotide Position

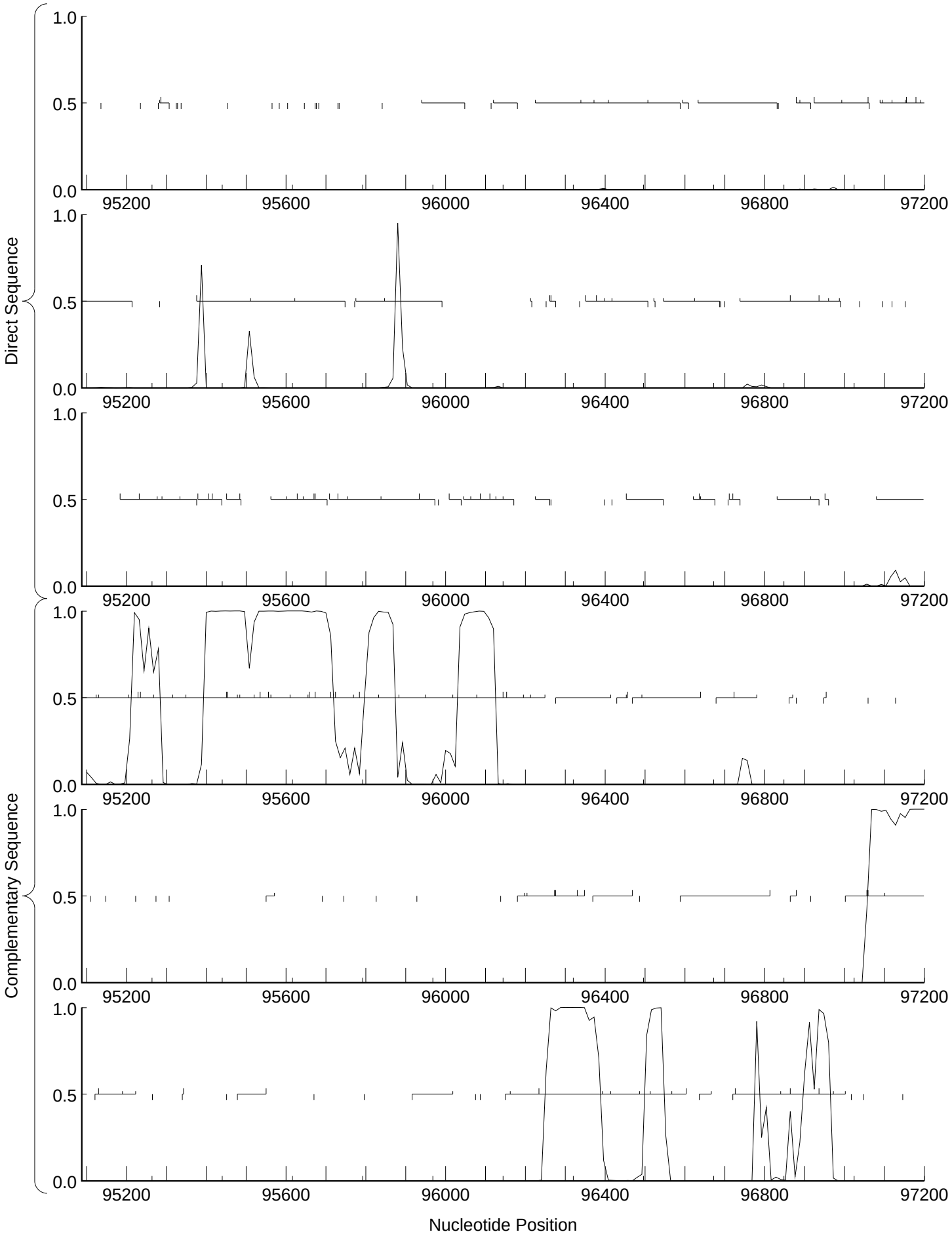

Direct Sequence
Complementary Sequence
1.0
0.5
0.0
88800
89200
89600
90000
90400
90800
Nucleotide Position

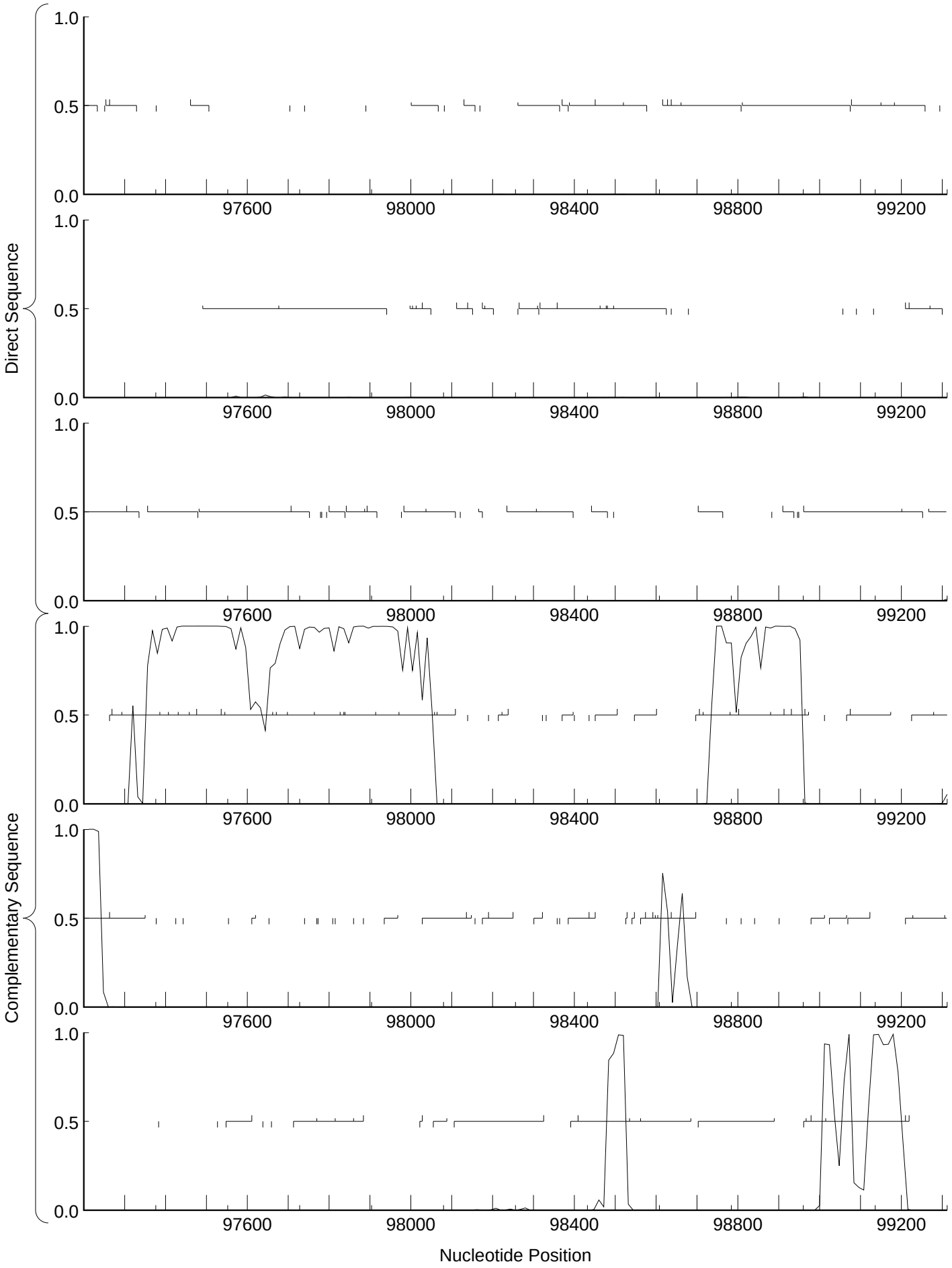
ycobacterium phage Lucky2013, 108627 bp including 4-base 3’ overhang (ATCC), Cluster J, Order 4, Window 96, Step 12, 45/53

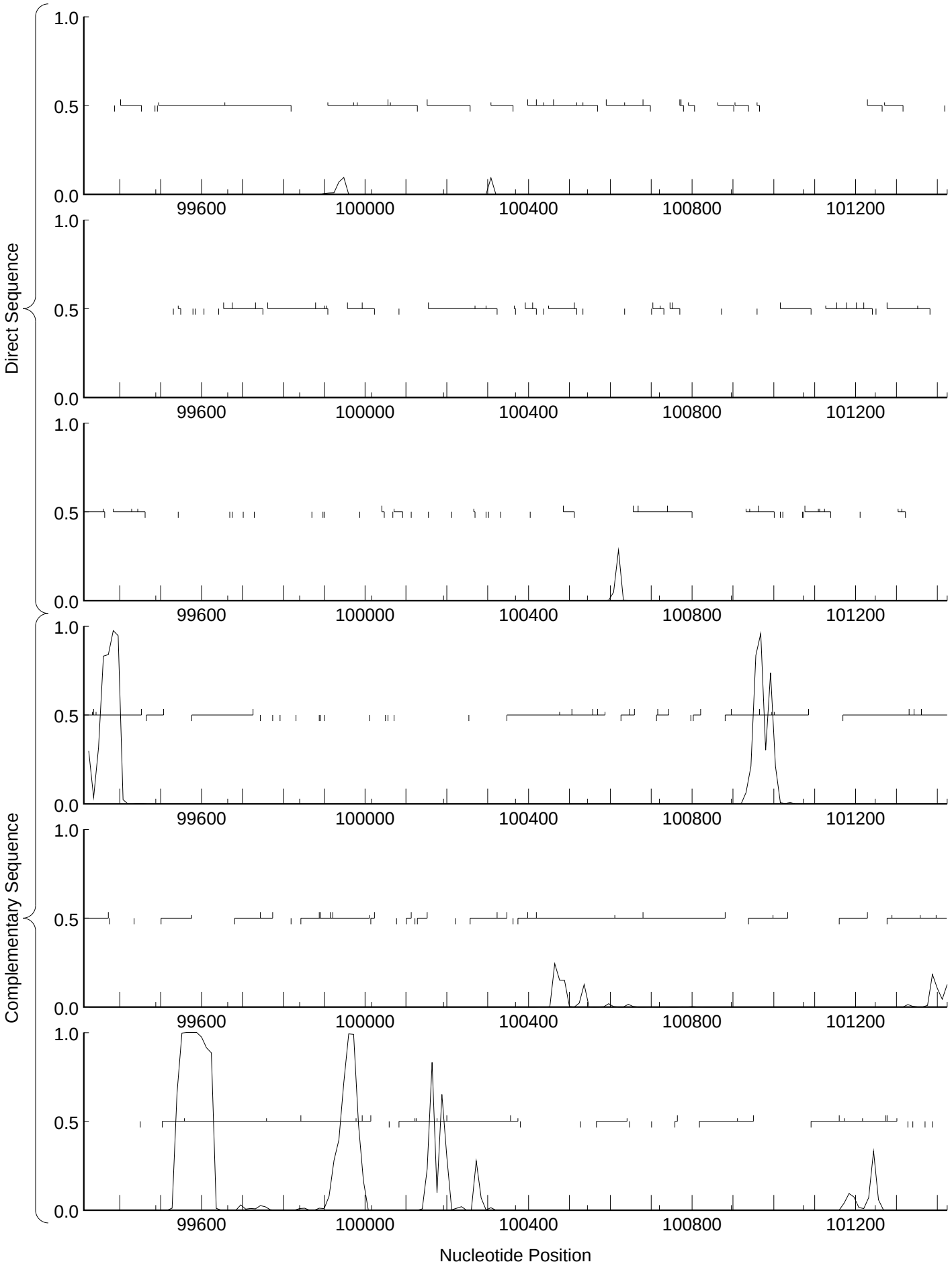



Direct Sequence
Complementary Sequence
1.0
0.5
0.0
93200
93600
94000
94400
94800
Nucleotide Position

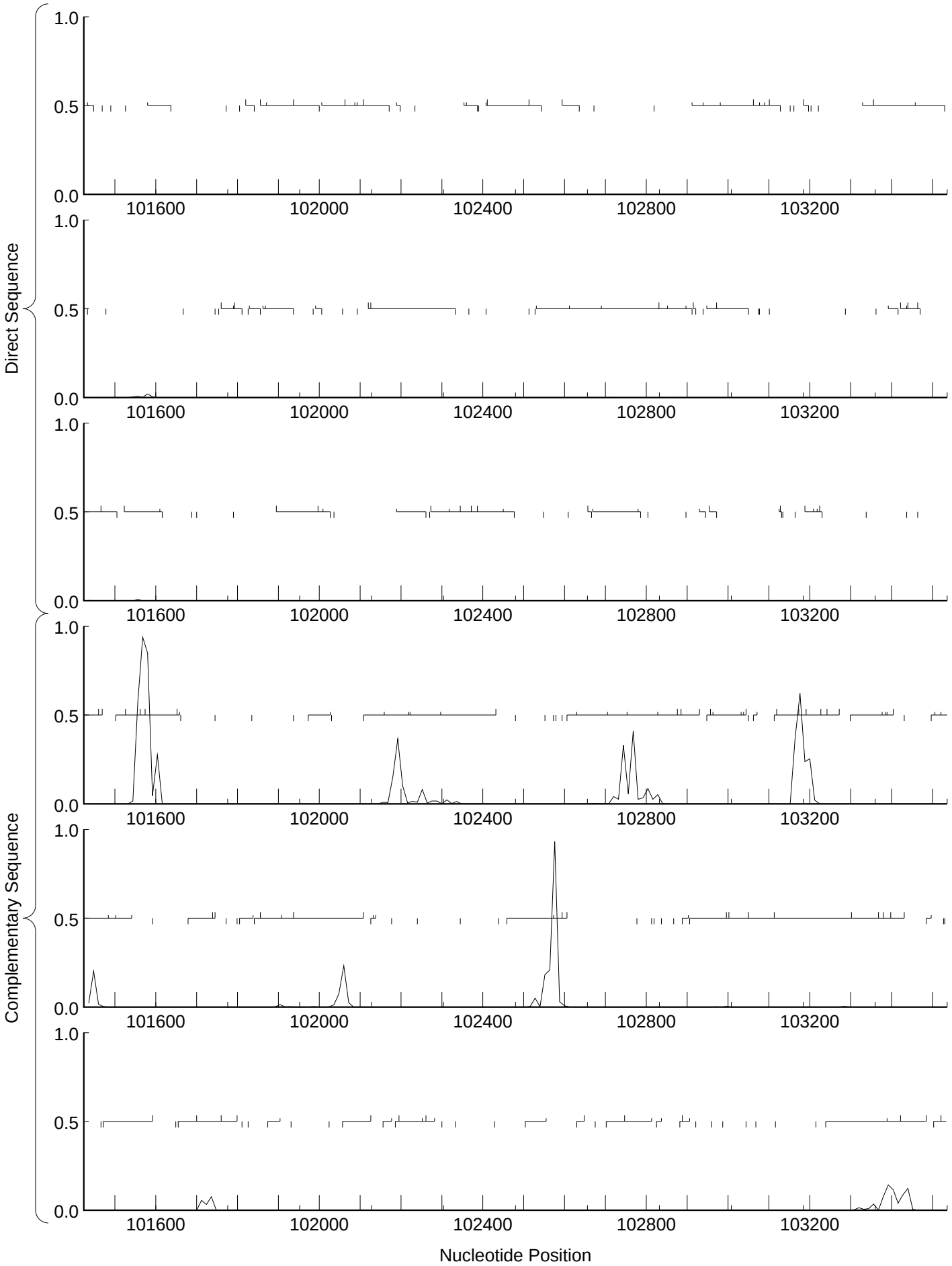
ycobacterium phage Lucky2013, 108627 bp including 4-base 3’ overhang (ATCC), Cluster J, Order 4, Window 96, Step 12, 47/53



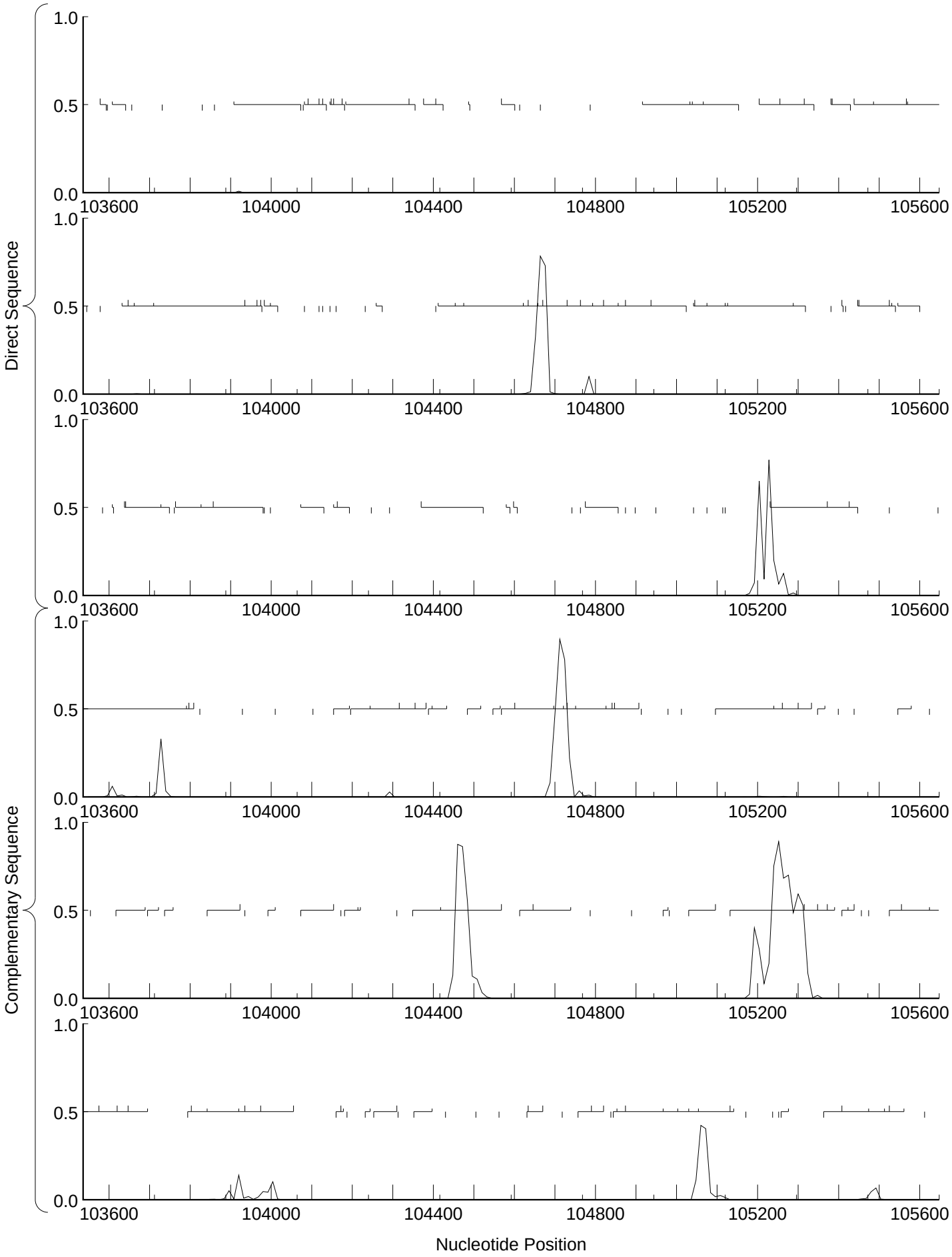

Direct Sequence
Complementary Sequence
1.0
0.5
0.0
97600
98000
98400
98800
99200
Nucleotide Position


Direct Sequence
Complementary Sequence
1.0
0.5
0.0
99600
100000
100400
100800
101200
Nucleotide Position

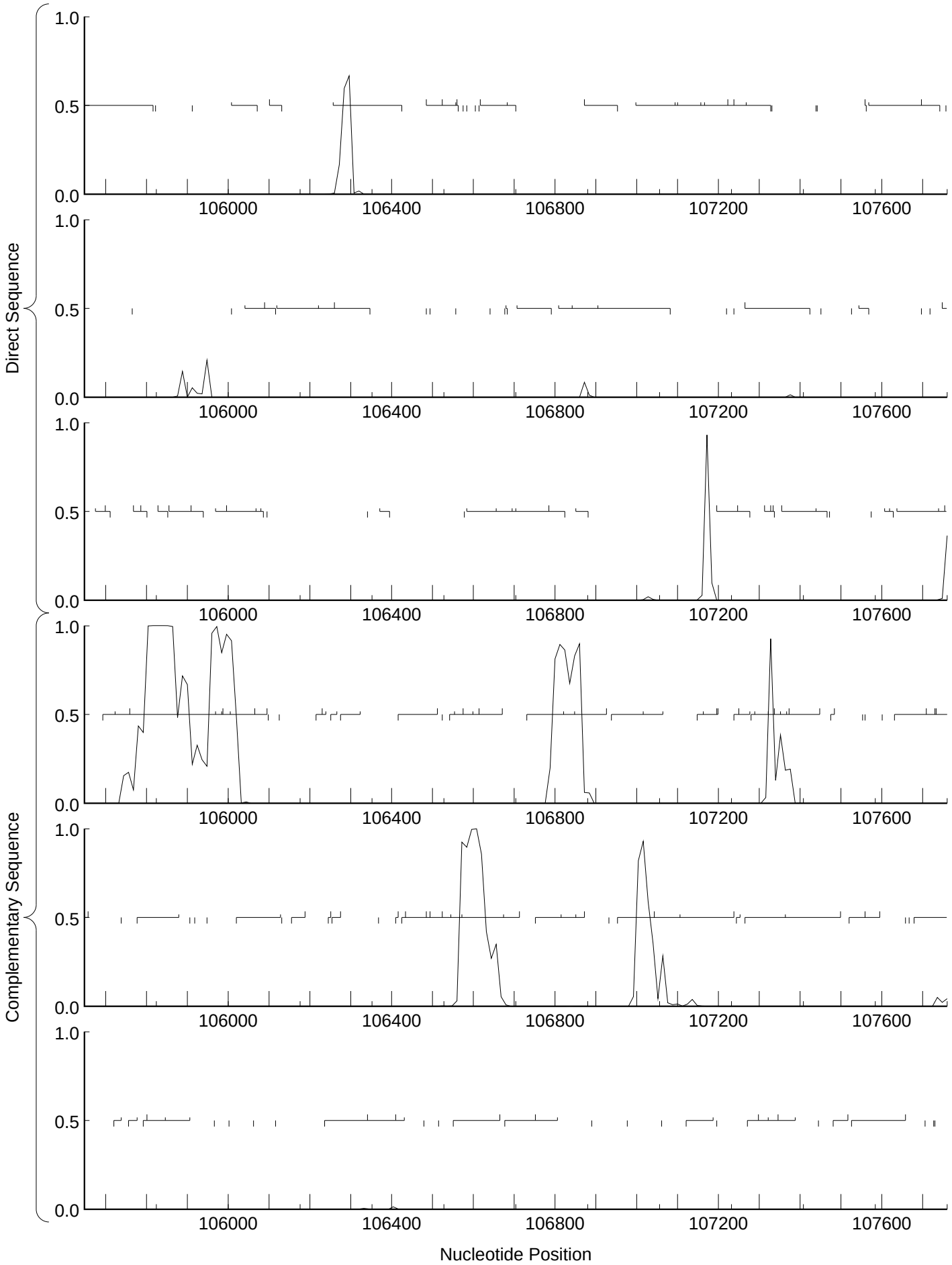
ycobacterium phage Lucky2013, 108627 bp including 4-base 3’ overhang (ATCC), Cluster J, Order 4, Window 96, Step 12, 50/53



ycobacterium phage Lucky2013, 108627 bp including 4-base 3’ overhang (ATCC), Cluster J, Order 4, Window 96, Step 12, 51/53



ycobacterium phage Lucky2013, 108627 bp including 4-base 3’ overhang (ATCC), Cluster J, Order 4, Window 96, Step 12, 52/53



ycobacterium phage Lucky2013, 108627 bp including 4-base 3’ overhang (ATCC), Cluster J, Order 4, Window 96, Step 12, 53/53

