GeneMark

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

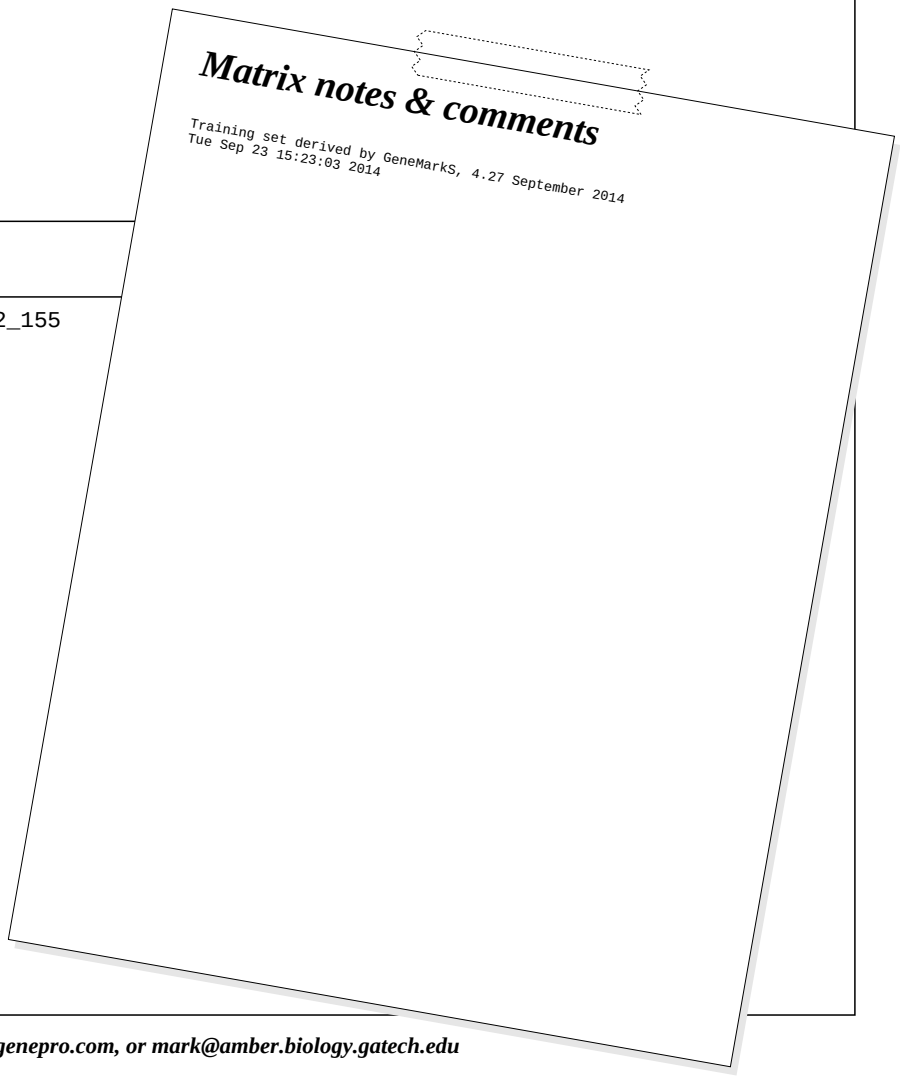
PROGRAM INFORMATION

```
Sequence         :  Mycobacterium phage Audrey (formerly Yonose) complete sequence, 68662 bp, circularly permut
Analysis Date    :  3/29/24 at 6:08:28
Pages            :  34
Sequence Length  :  68662 bp
GC Content       :   67.50%

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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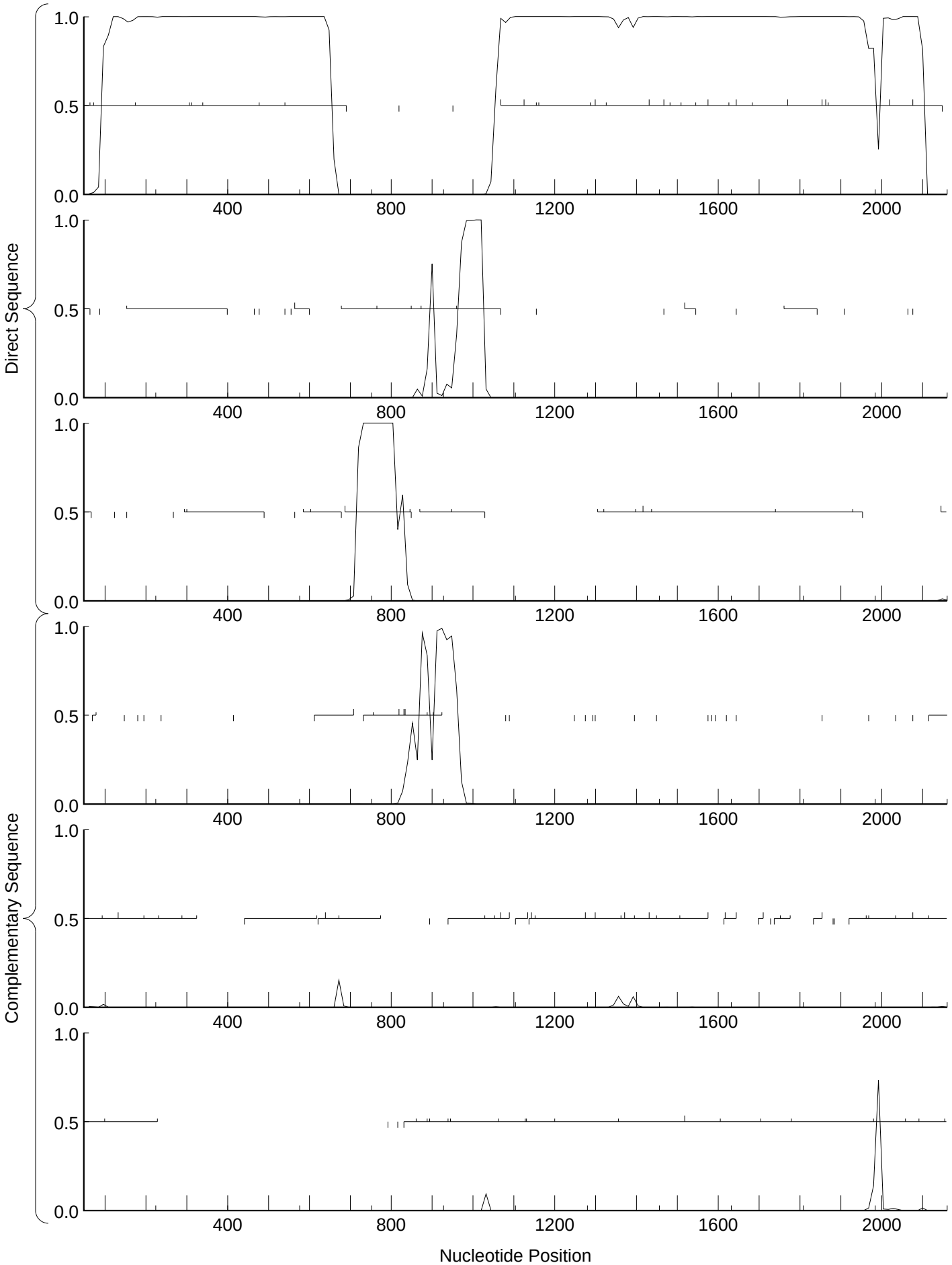
MATRIX INFORMATION

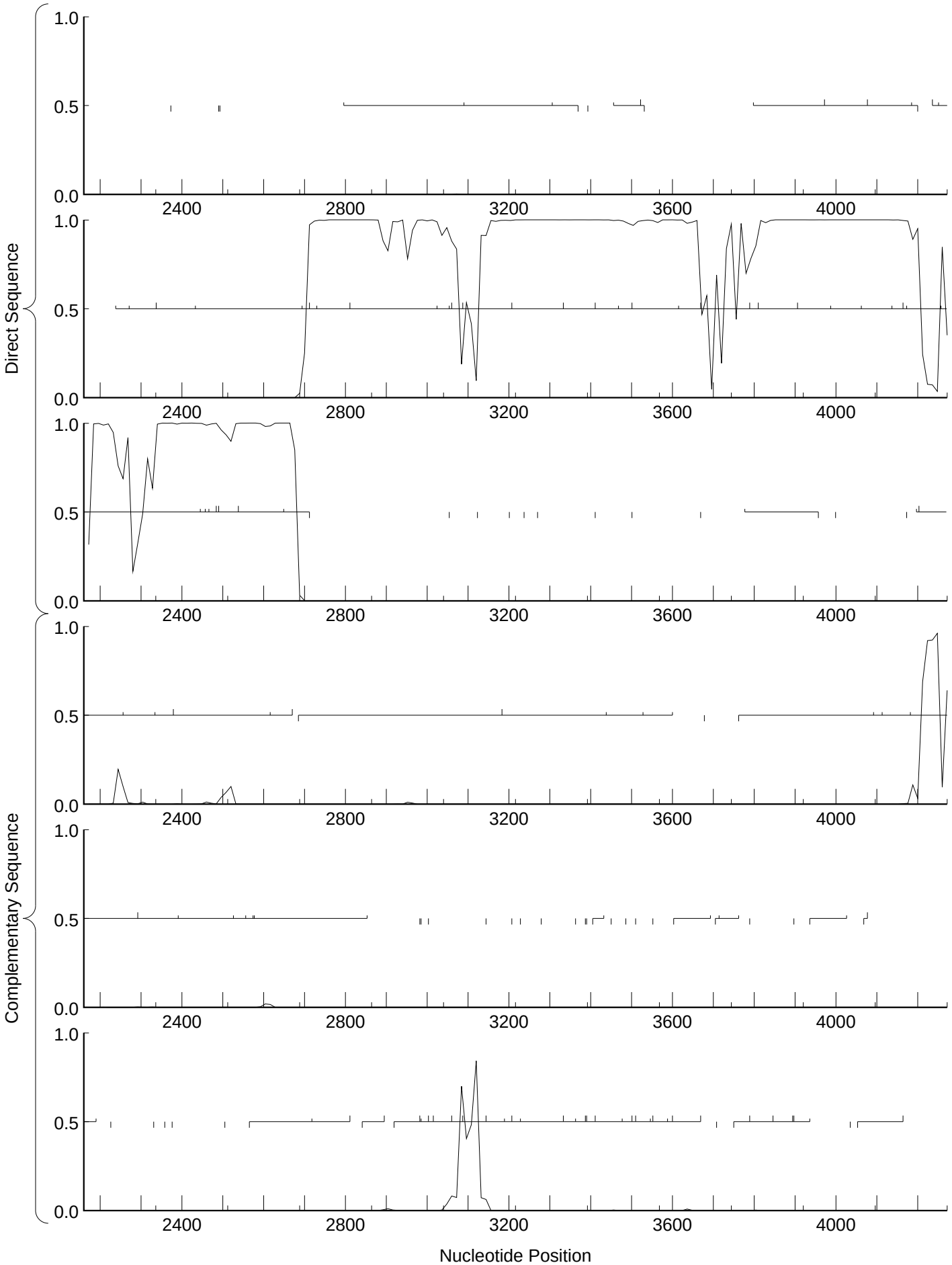
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Matrix     :  Mycobacterium_smegmatis_MC2_155
Author     :  -

Order      :  4
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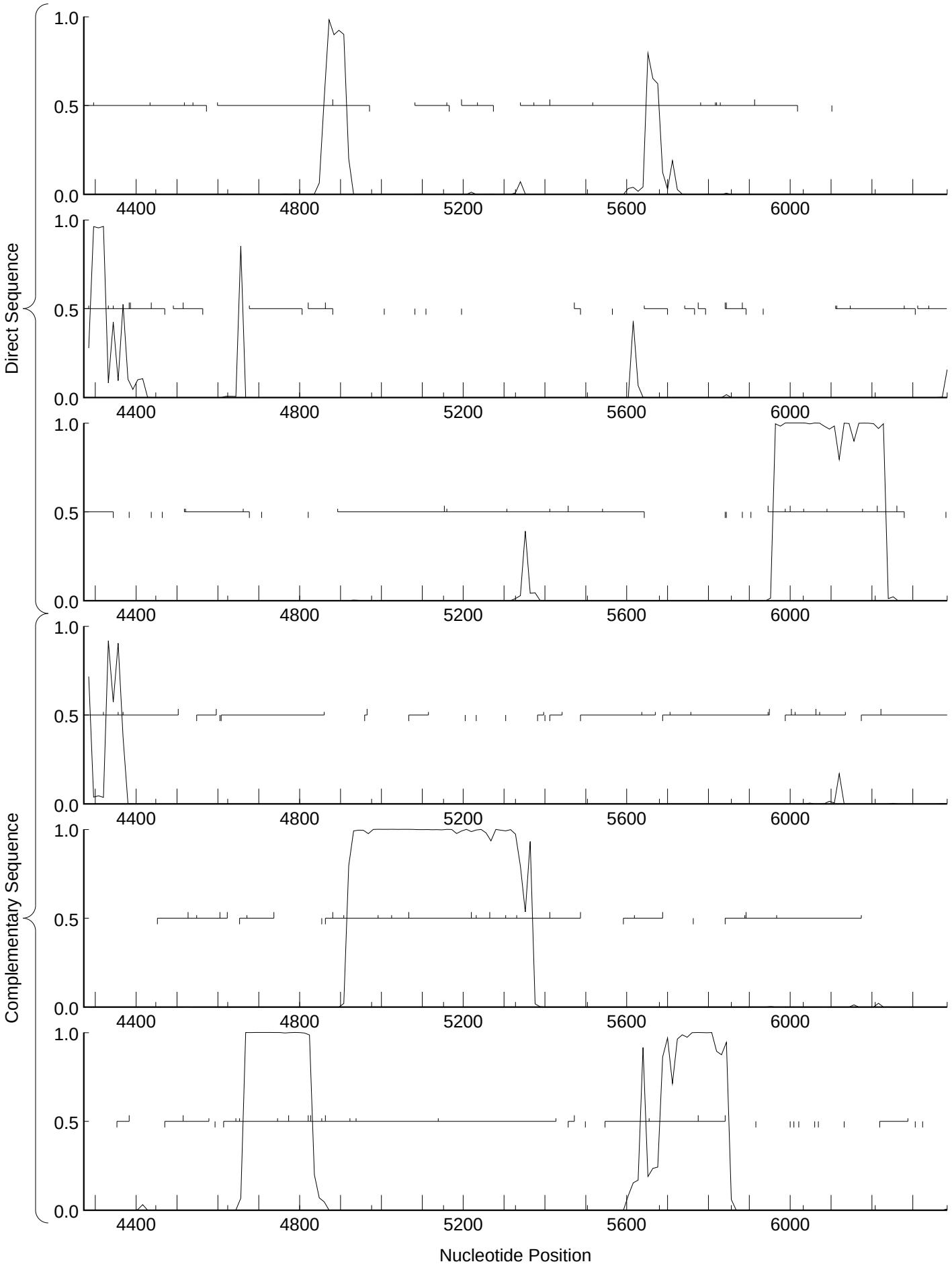

```
  Send questions / comments to:
      Dr. M. Borodovsky
      Georgia Institute of Technology
      School of Biology
      Atlanta, GA  30332-0230
```

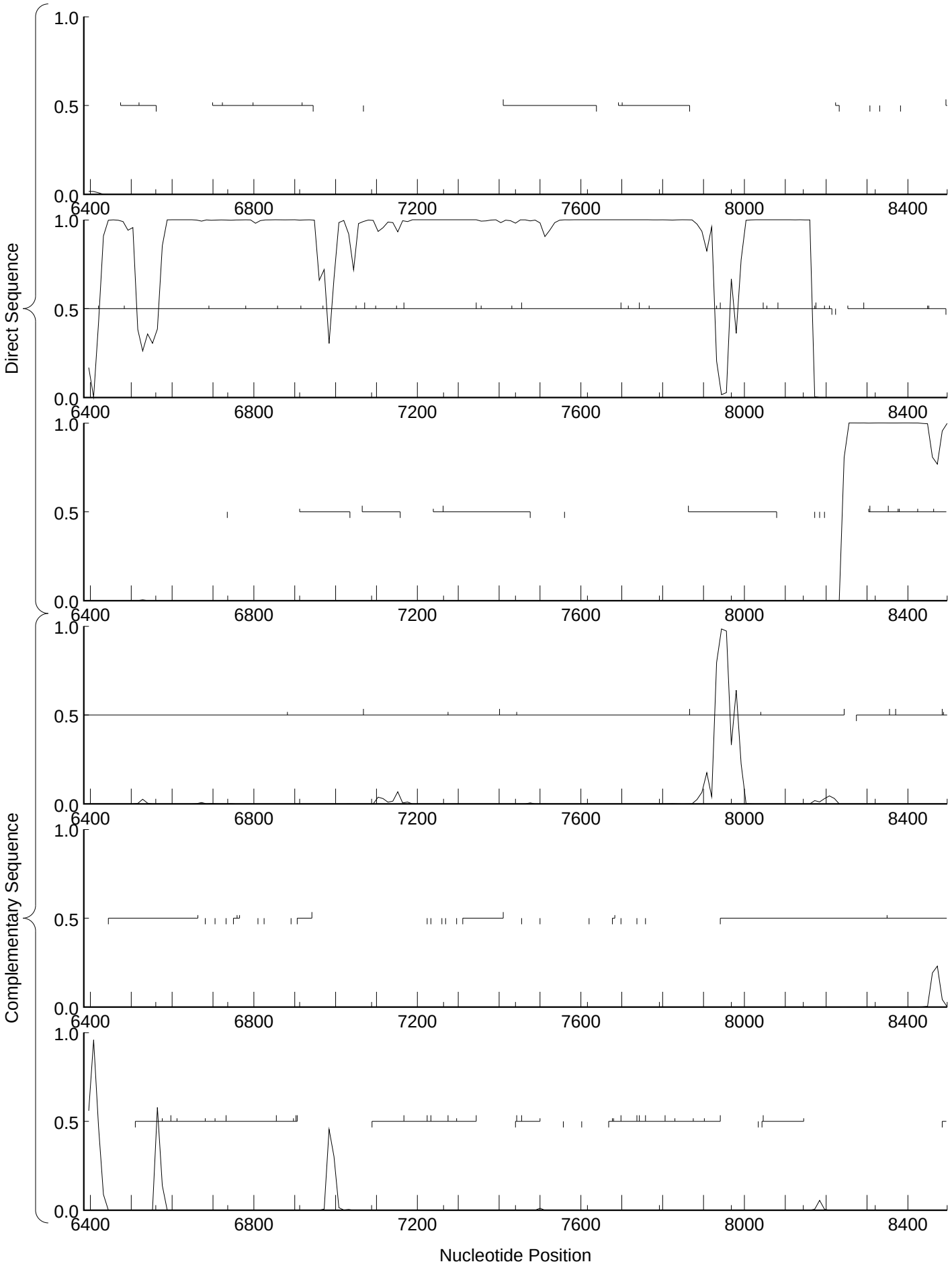

For help or information, send electronic mail to: custserv@genepro.com, or mark@amber.biology.gatech.edu

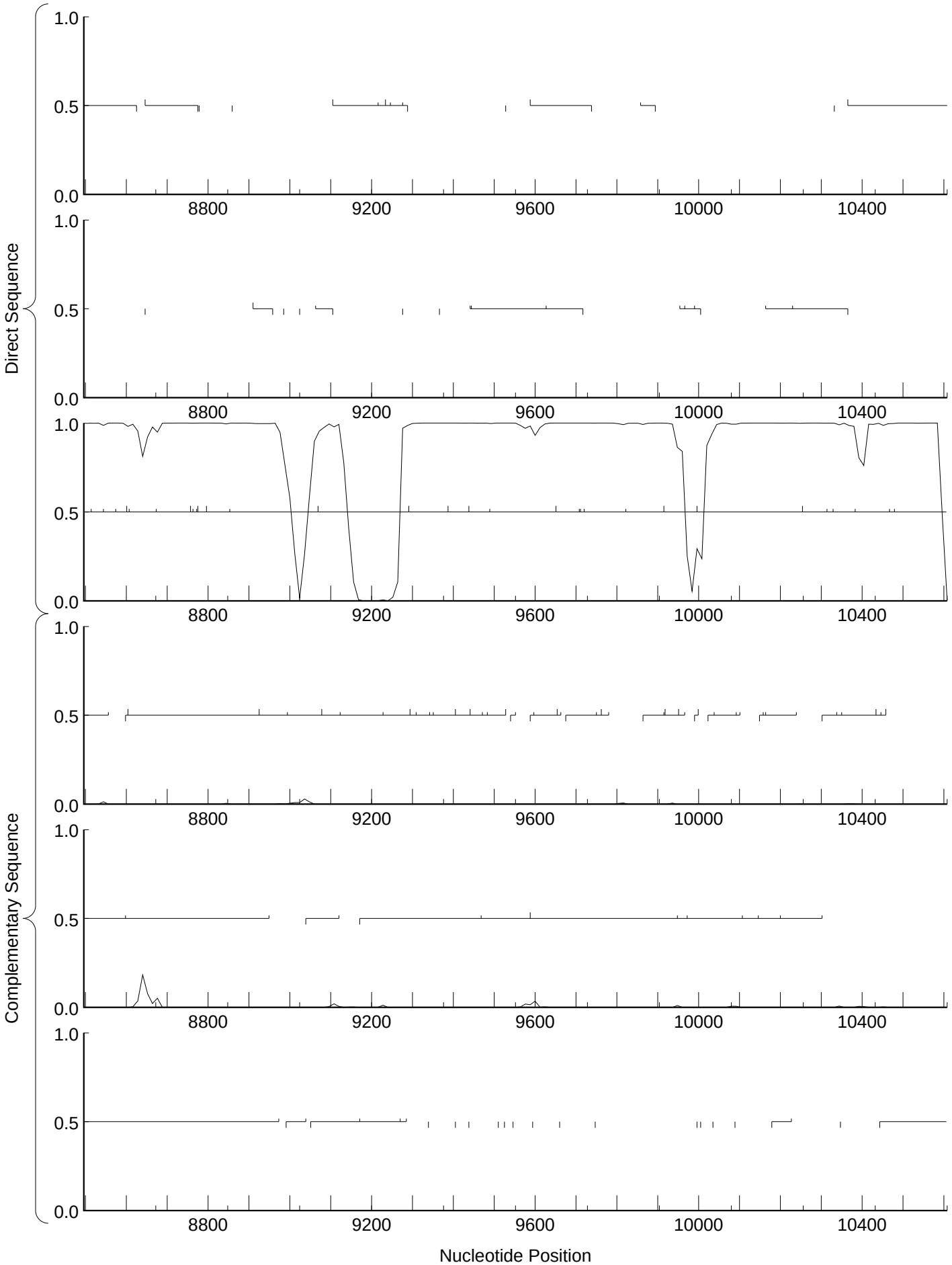

Direct Sequence
Complementary Sequence
1.0
0.5
0.0
400
800
1200
1600
2000
Nucleotide Position

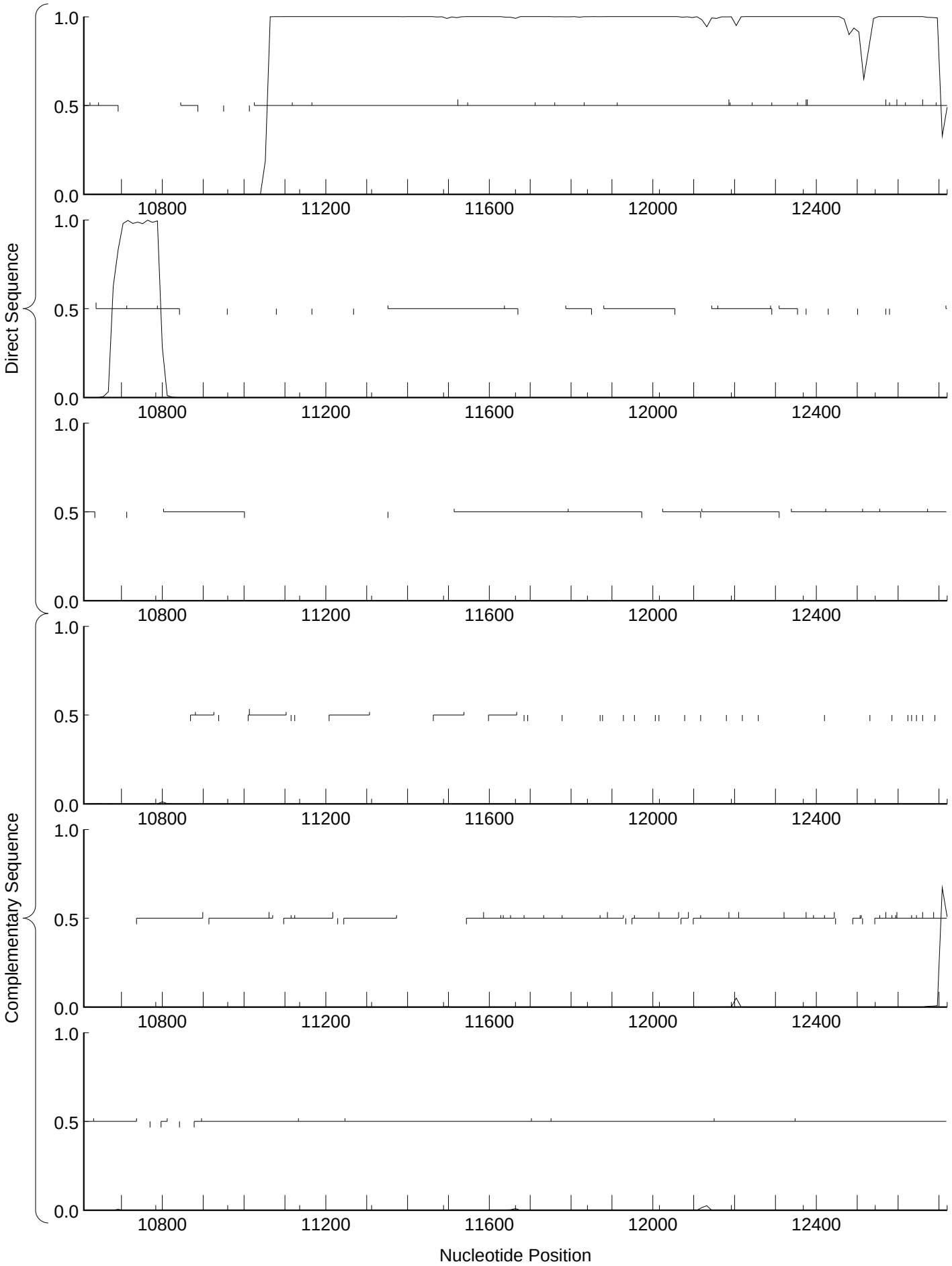

Direct Sequence
Complementary Sequence
1.0
0.5
0.0
2400
2800
3200
3600
4000
Nucleotide Position

age Audrey (formerly Yonose) complete sequence, 68662 bp, circularly permuted, Cluster B3, Order 4, Window 96, Step 12, 4/34

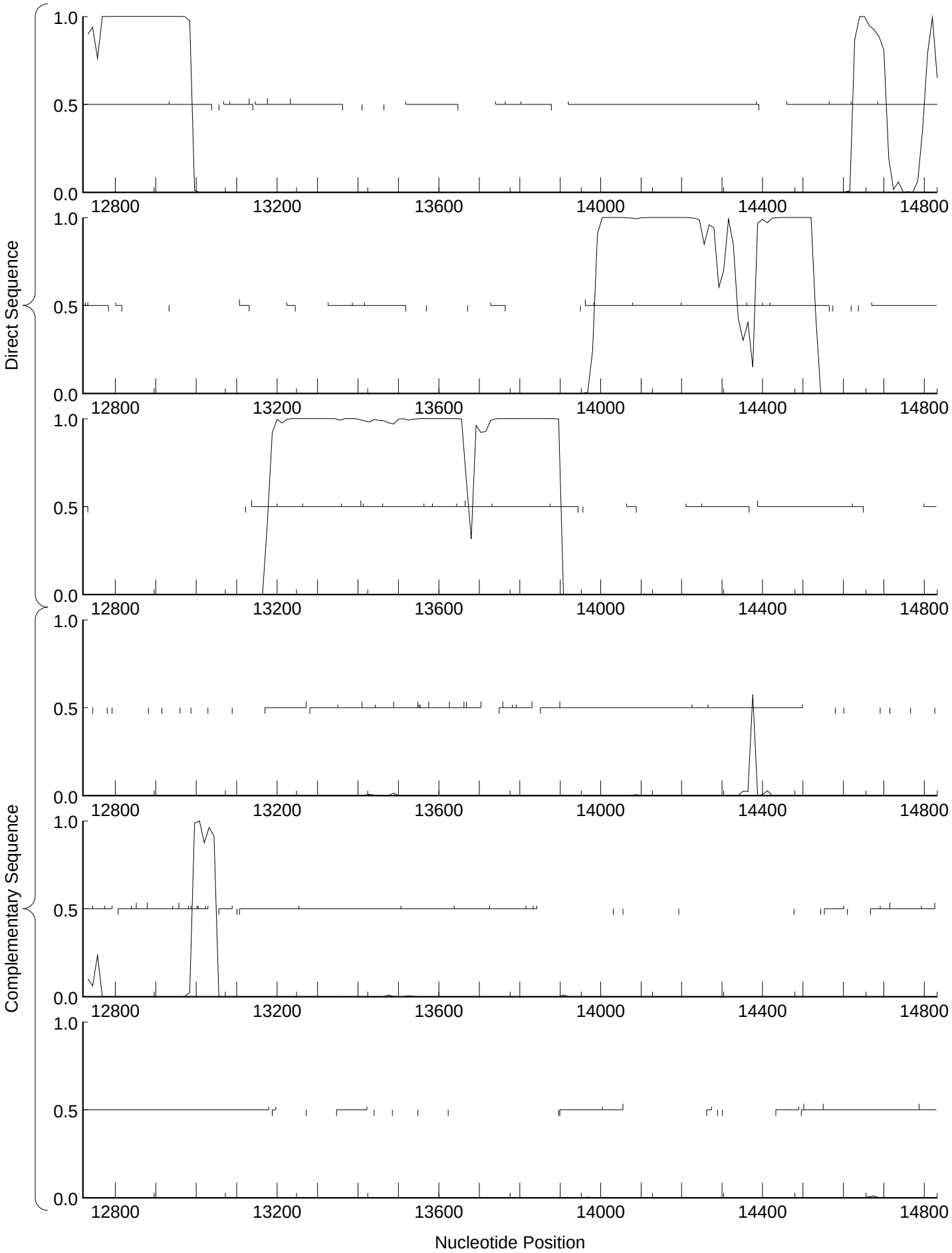



Direct Sequence
Complementary Sequence
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0.0
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6800
7200
7600
8000
8400
Nucleotide Position

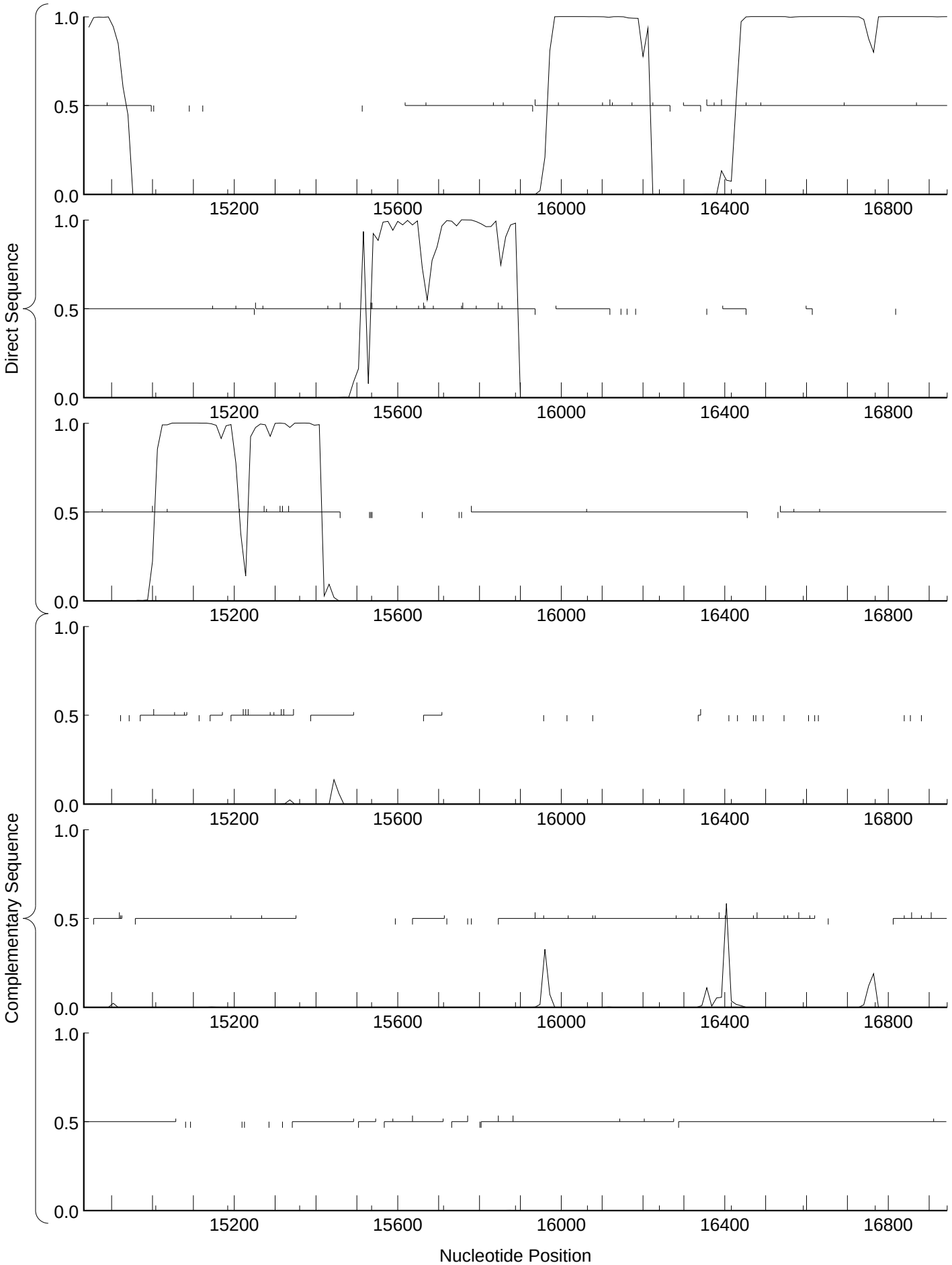

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Complementary Sequence
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9600
10000
10400
Nucleotide Position

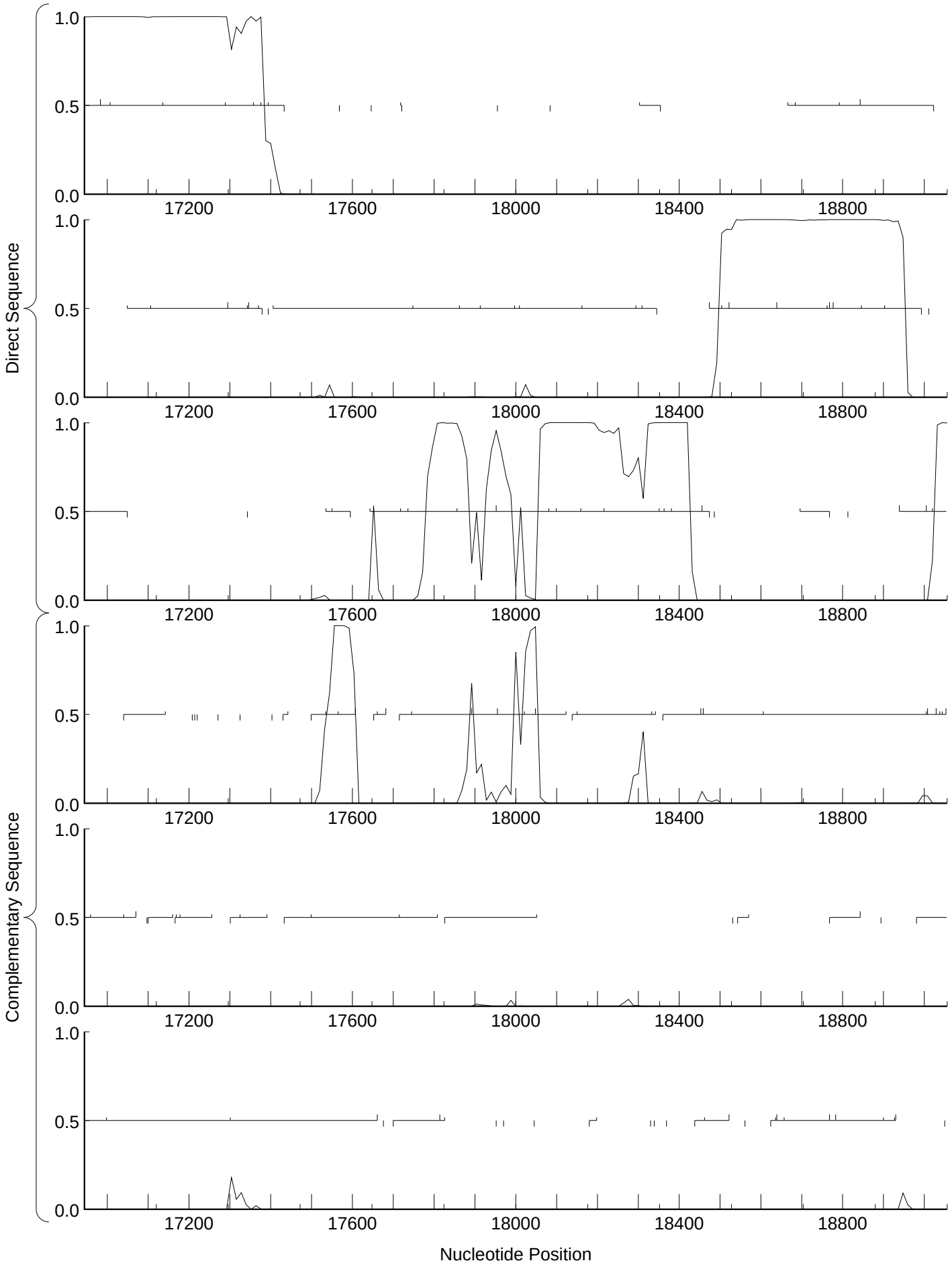

Direct Sequence
Complementary Sequence
1.0
0.5
0.0
10800
11200
11600
12000
12400
Nucleotide Position

age Audrey (formerly Yonose) complete sequence, 68662 bp, circularly permuted, Cluster B3, Order 4, Window 96, Step 12, 8/34

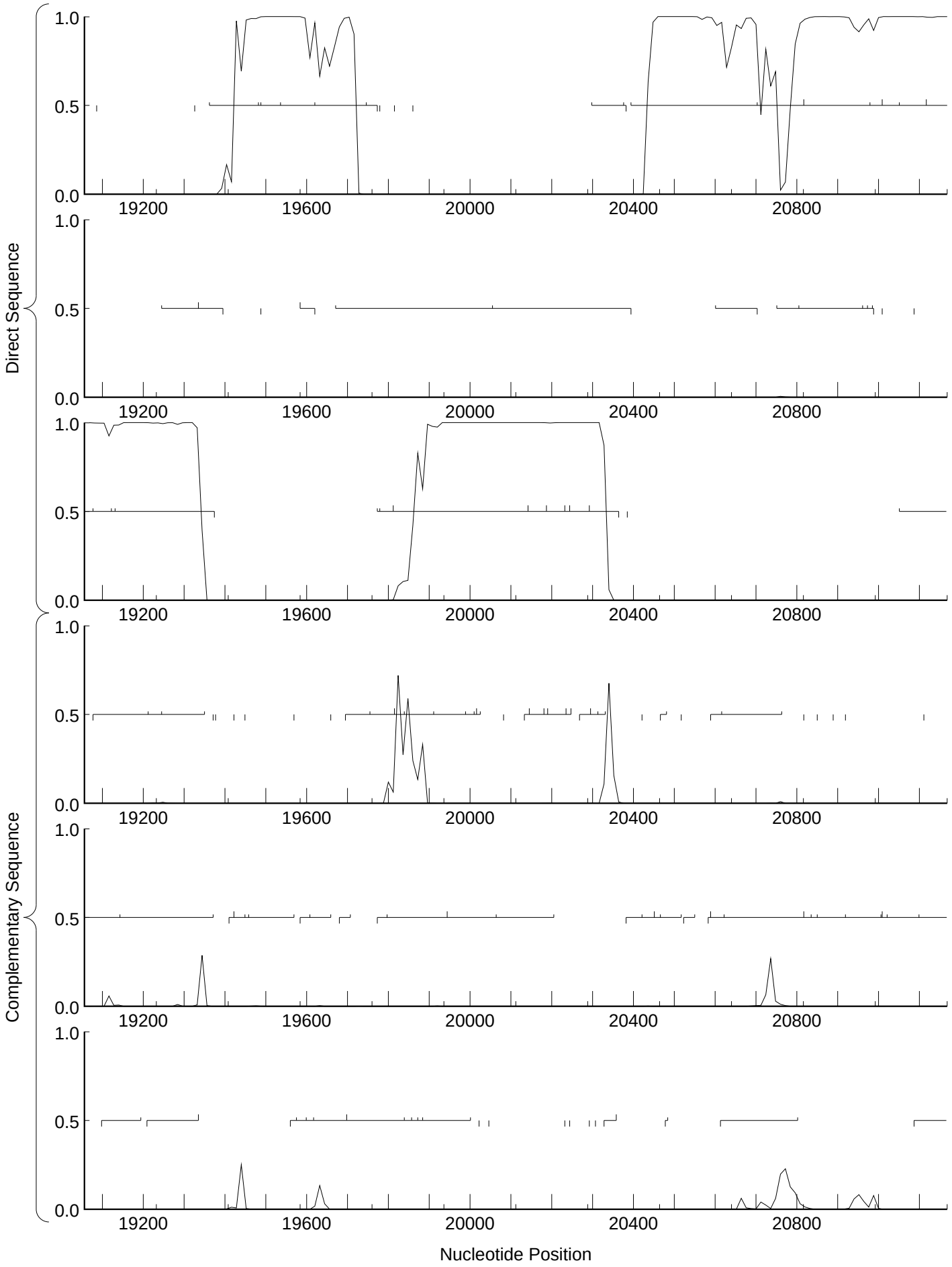


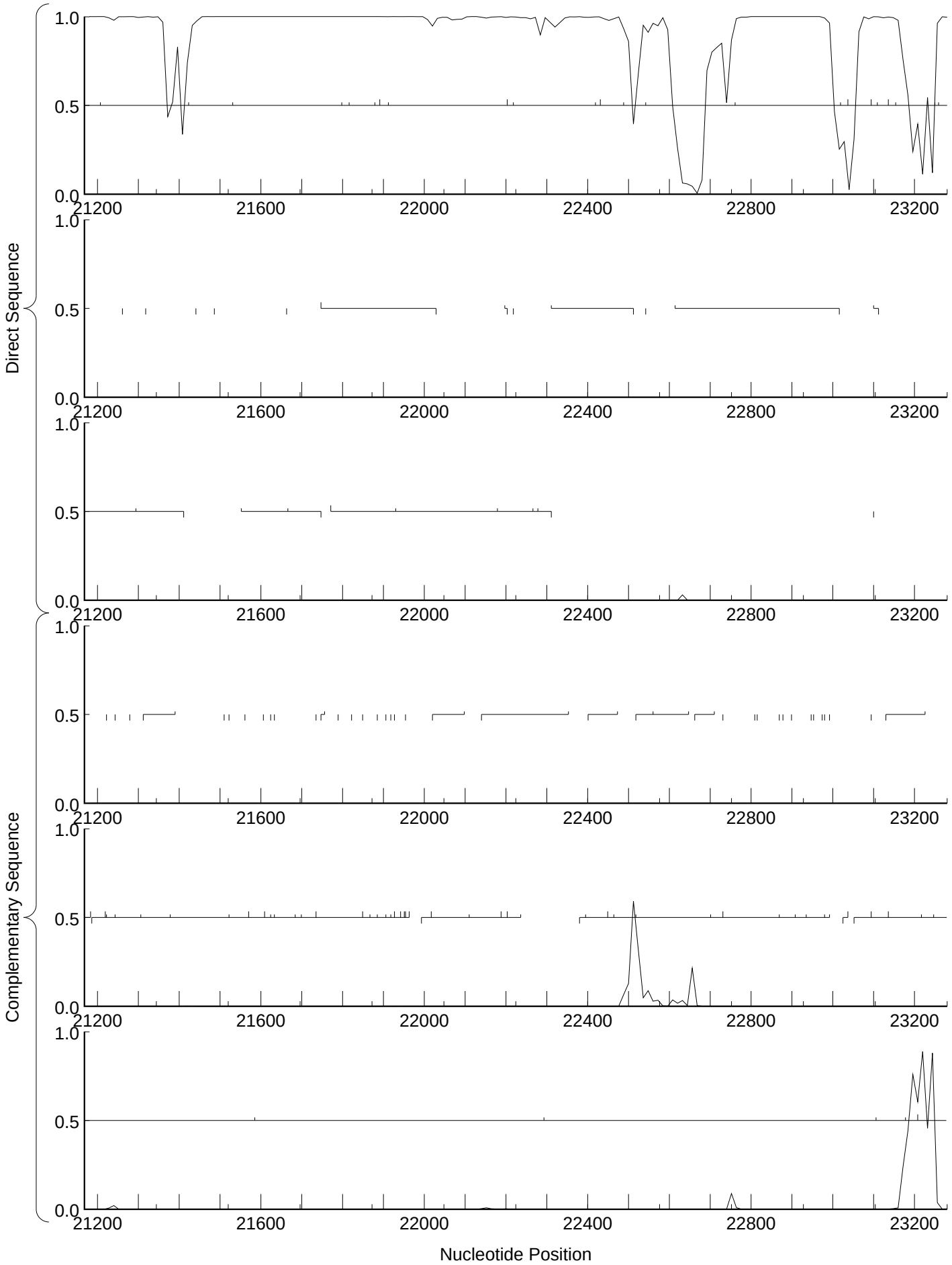
age Audrey (formerly Yonose) complete sequence, 68662 bp, circularly permuted, Cluster B3, Order 4, Window 96, Step 12, 9/34

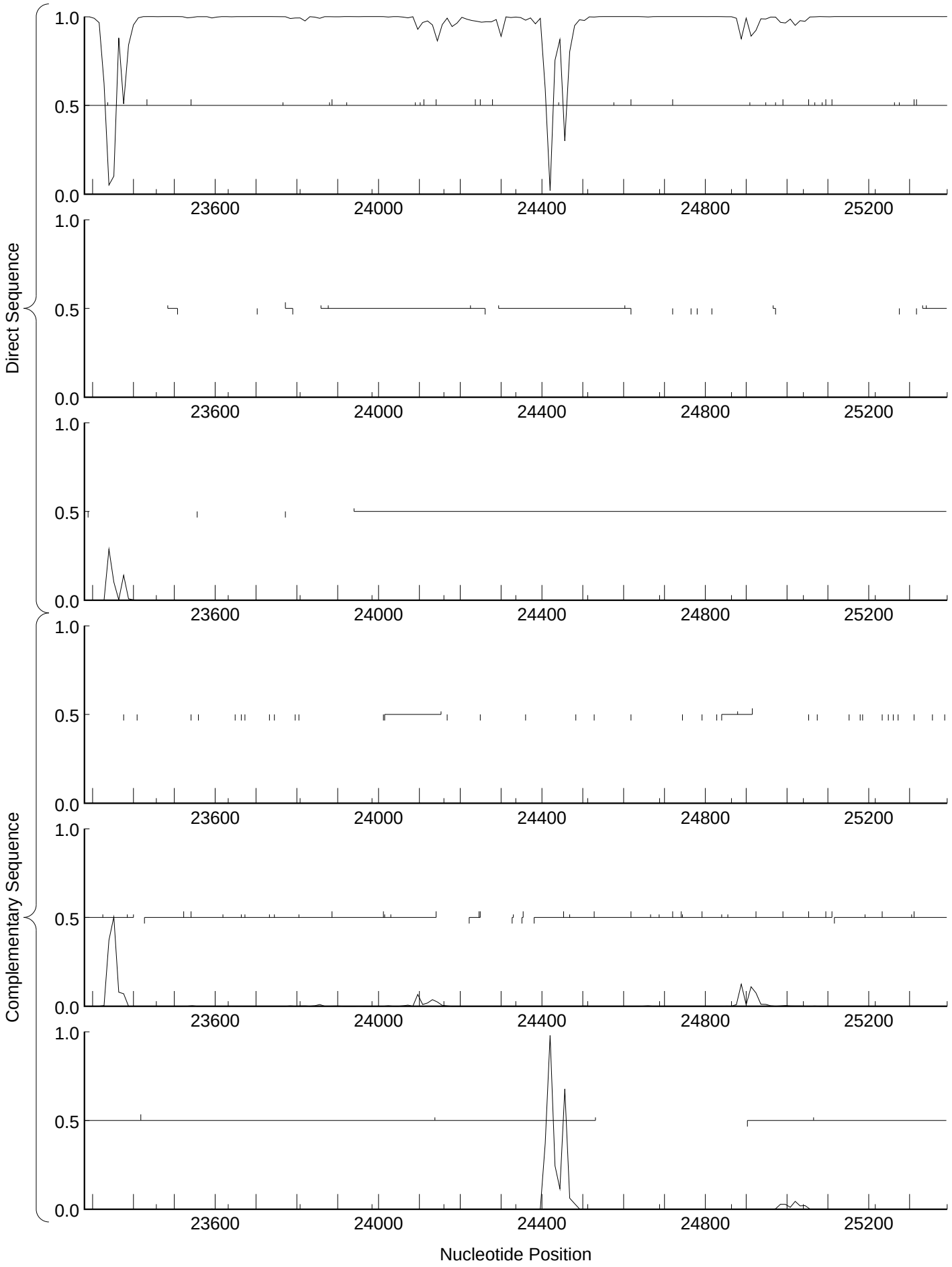


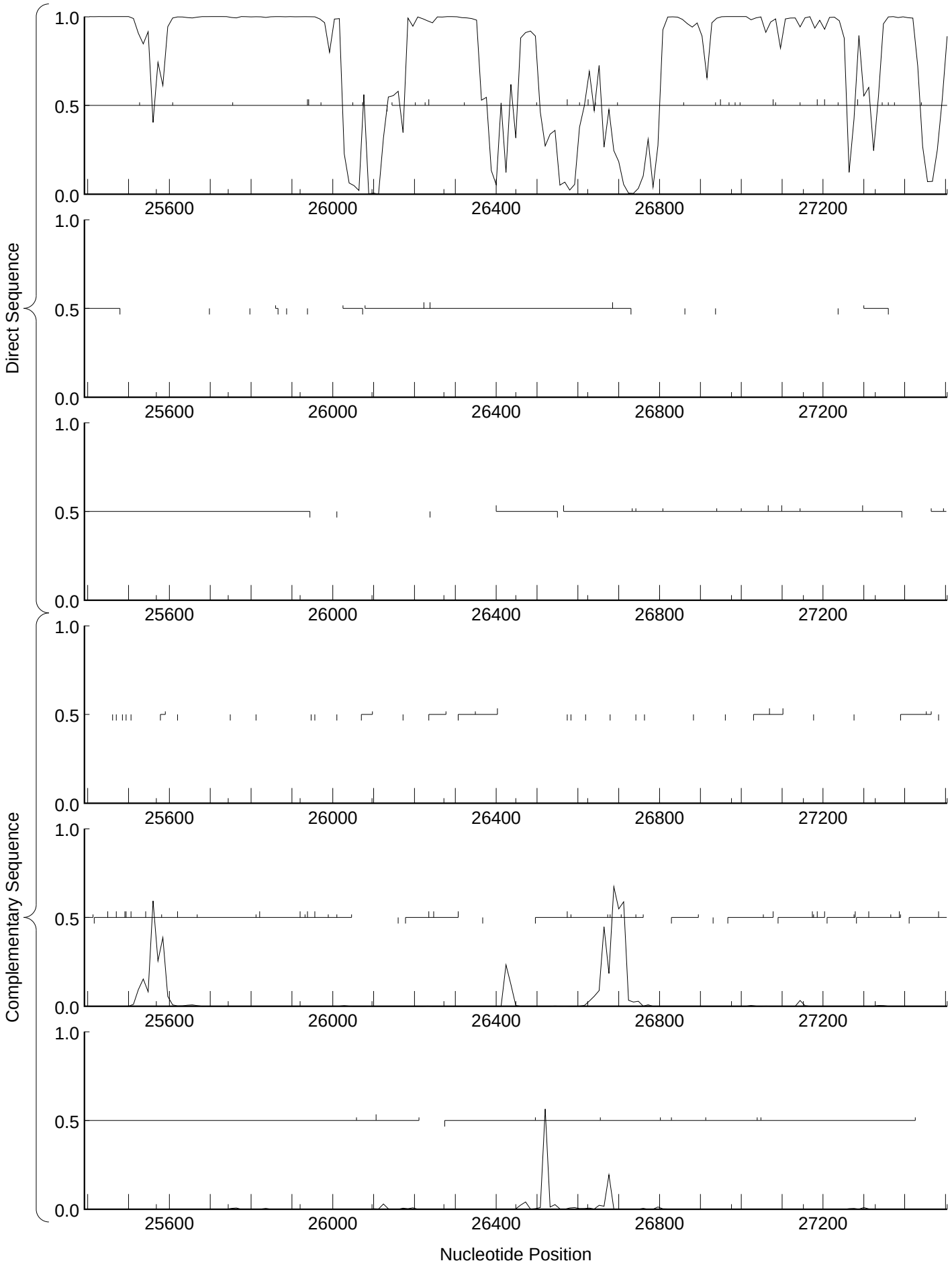

Direct Sequence
Complementary Sequence
1.0
0.5
0.0
17200
17600
18000
18400
18800
Nucleotide Position

ge Audrey (formerly Yonose) complete sequence, 68662 bp, circularly permuted, Cluster B3, Order 4, Window 96, Step 12, 11/34

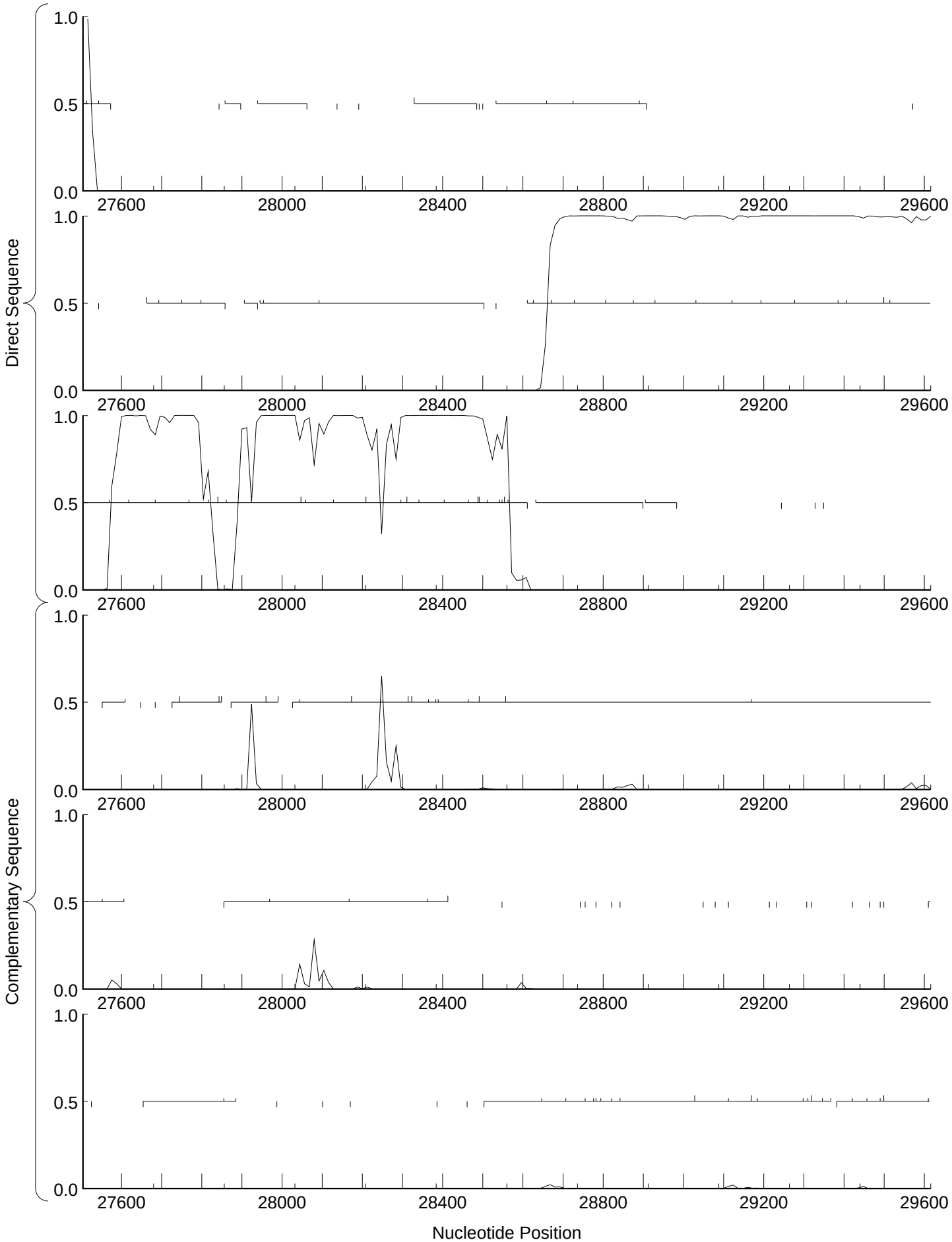


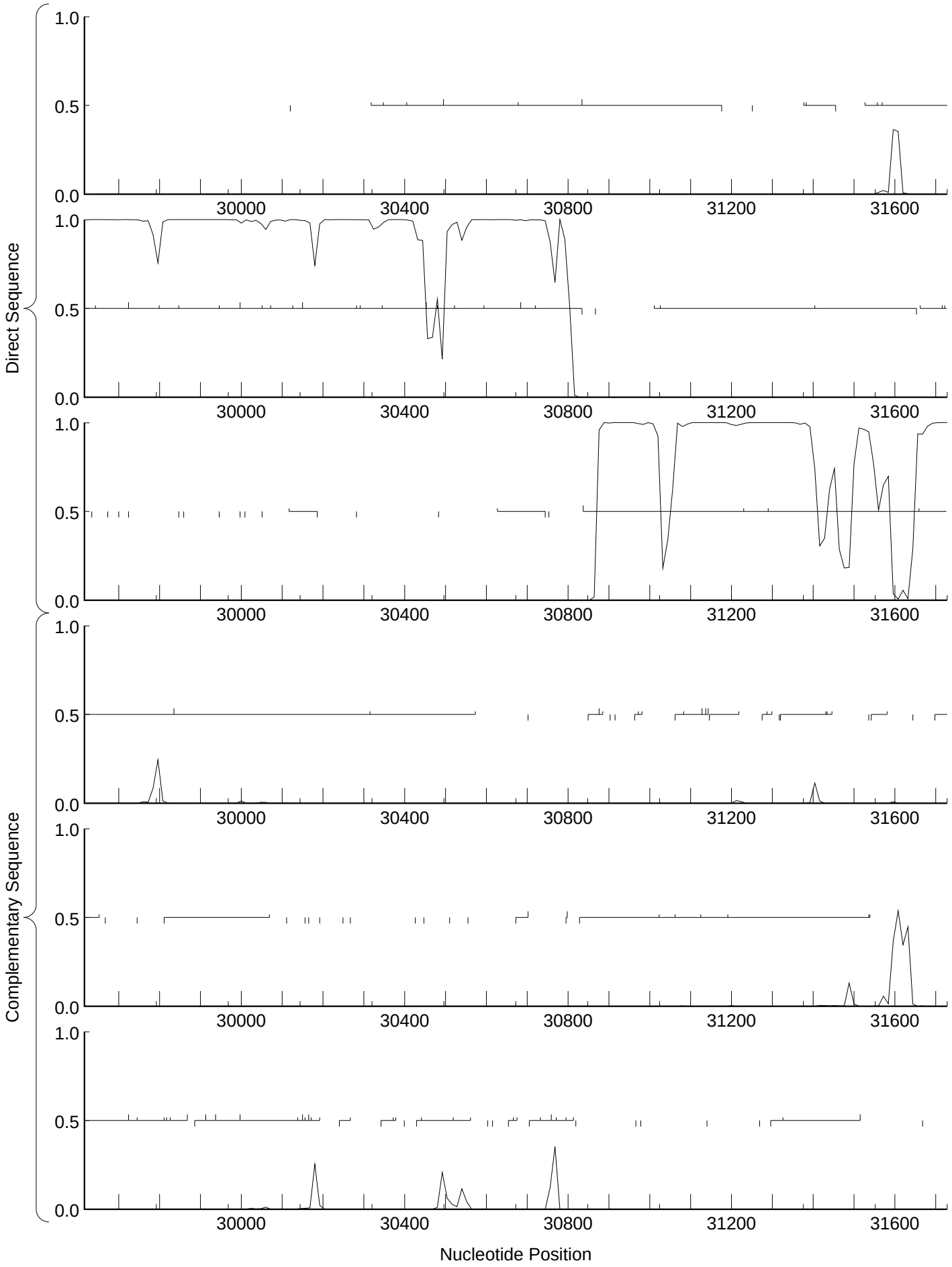

Direct Sequence
Complementary Sequence
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0.0
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22000
22400
22800
23200
Nucleotide Position

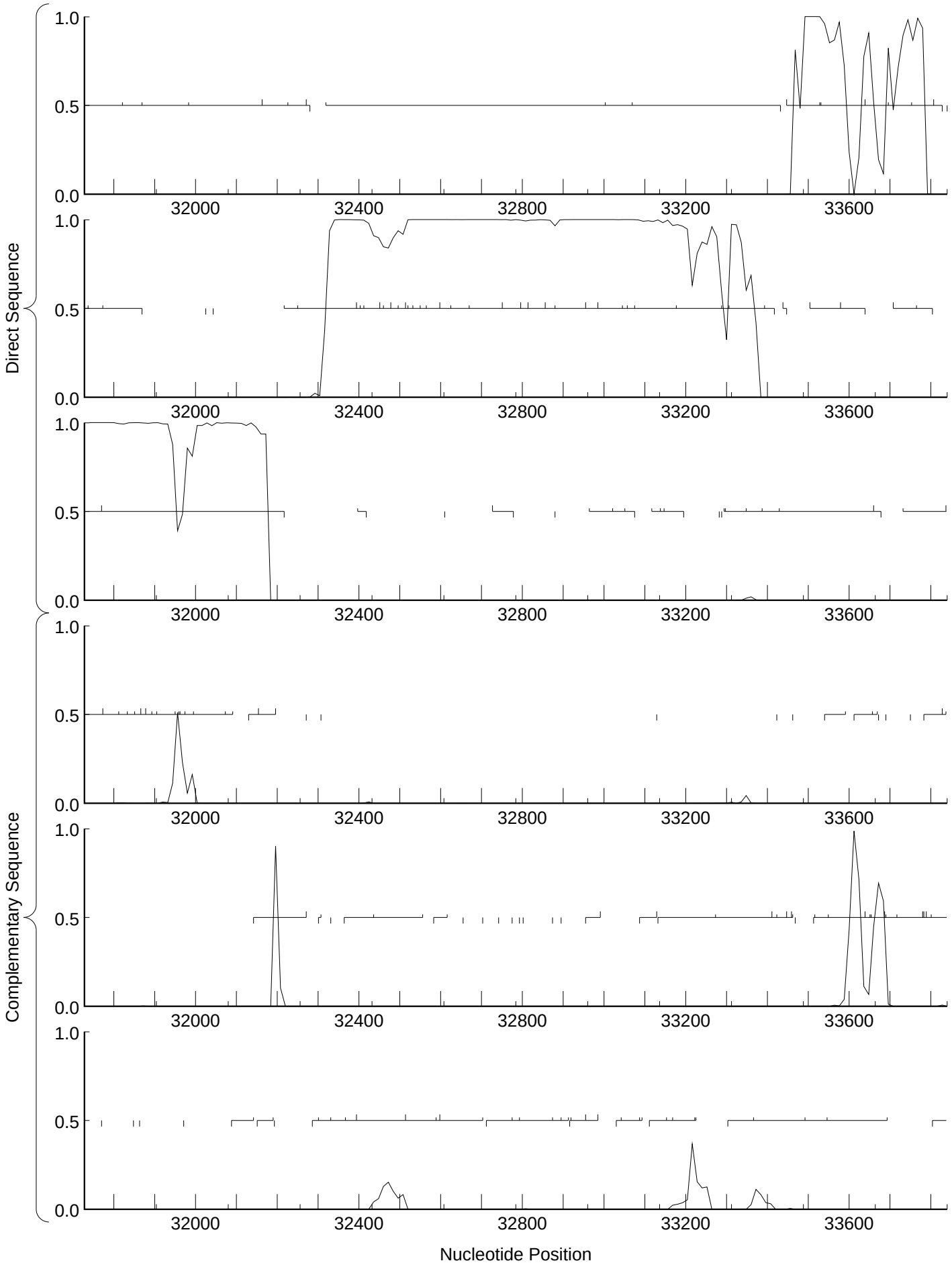

Direct Sequence
Complementary Sequence
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0.0
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24000
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24800
25200
Nucleotide Position

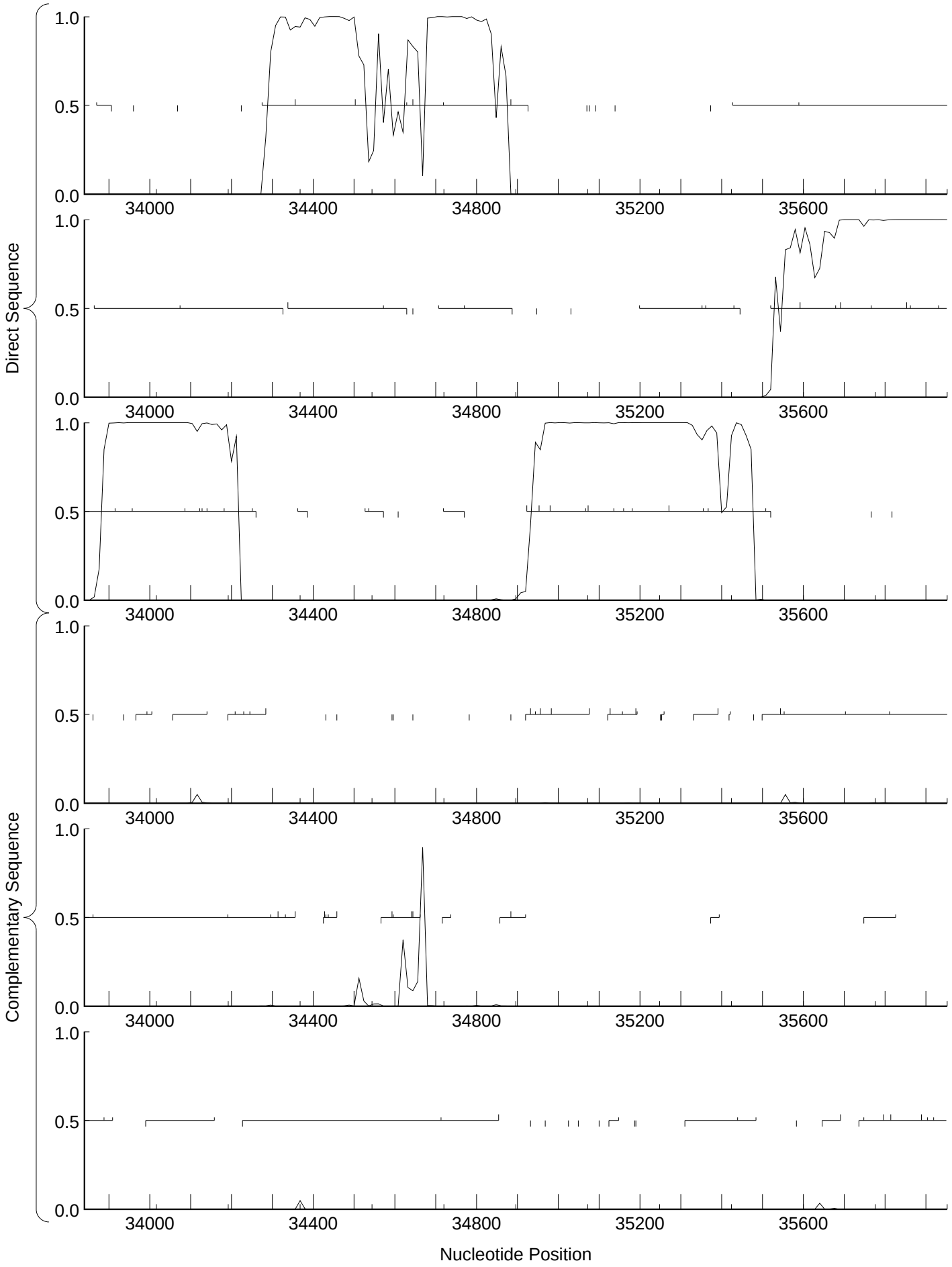

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Complementary Sequence
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26400
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27200
Nucleotide Position

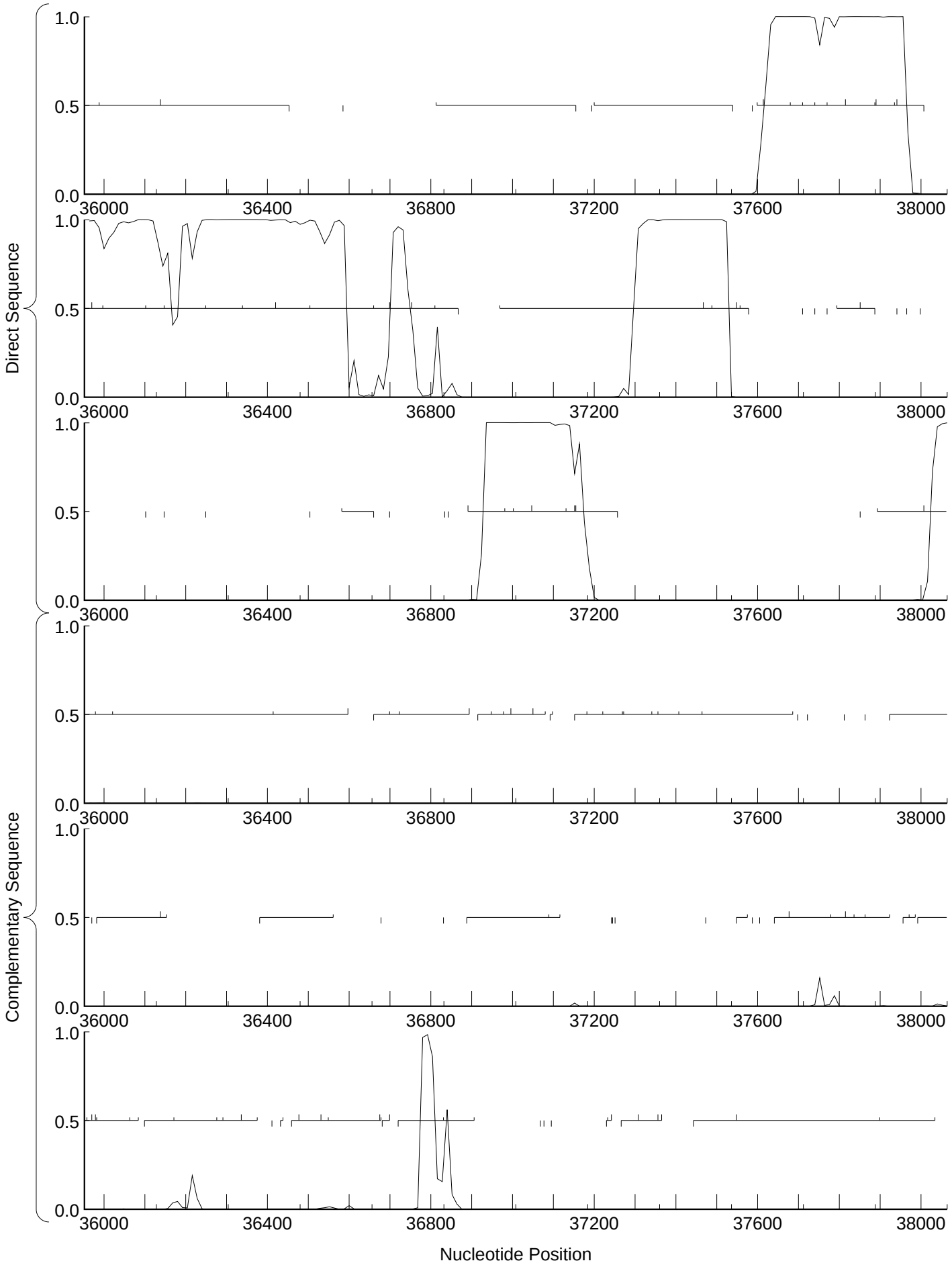
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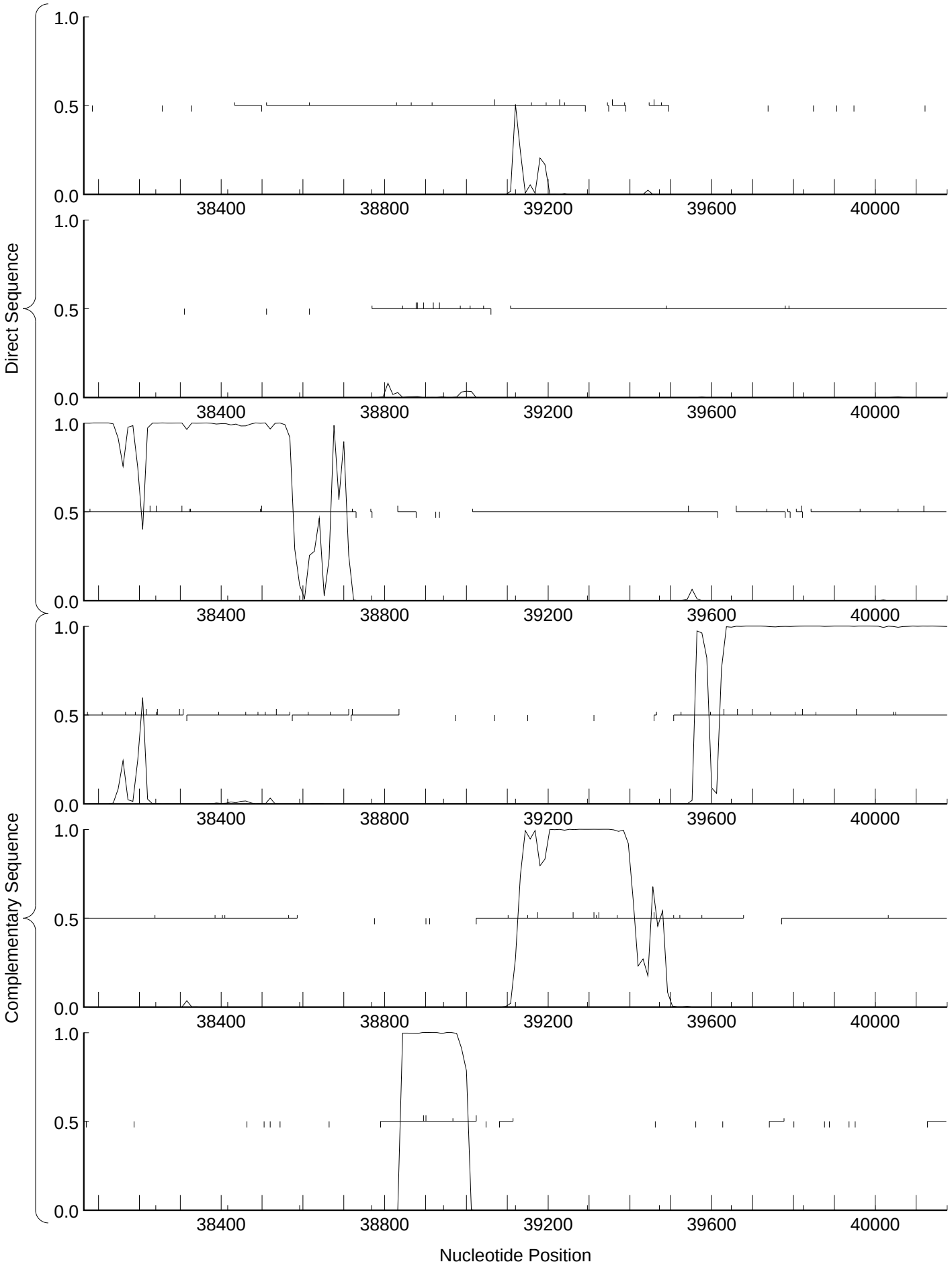


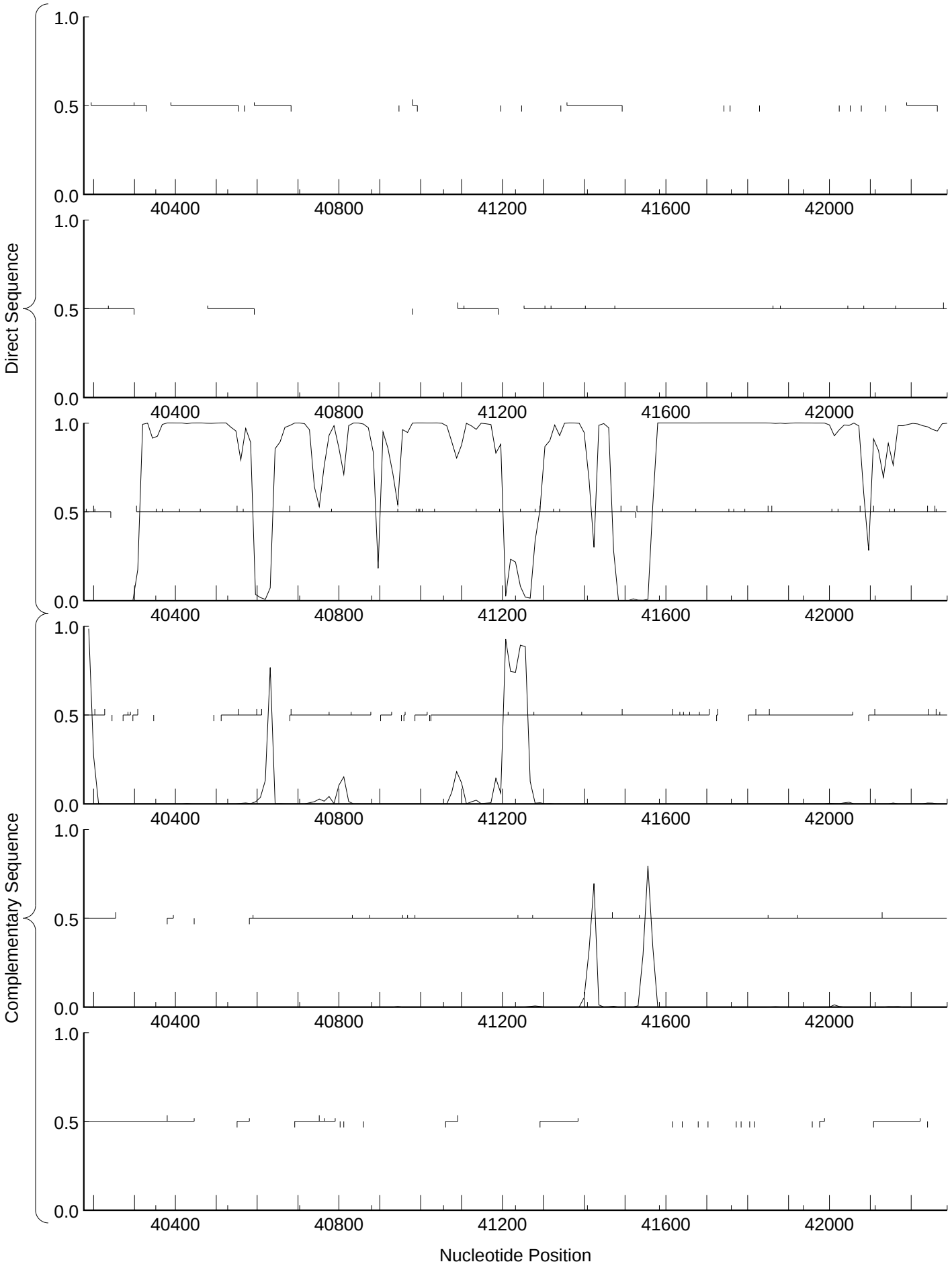

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Nucleotide Position

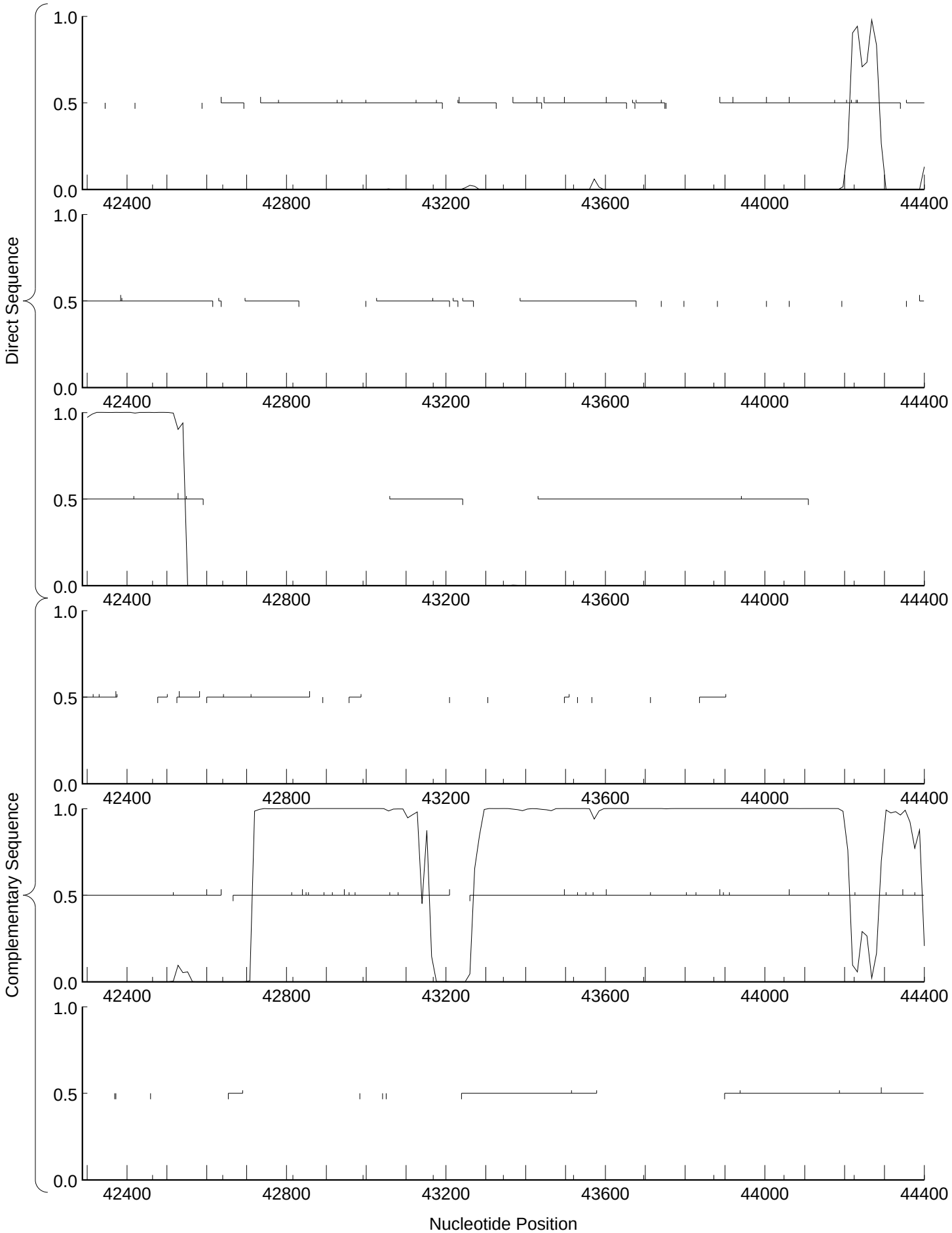

Direct Sequence
Complementary Sequence
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33200
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Nucleotide Position

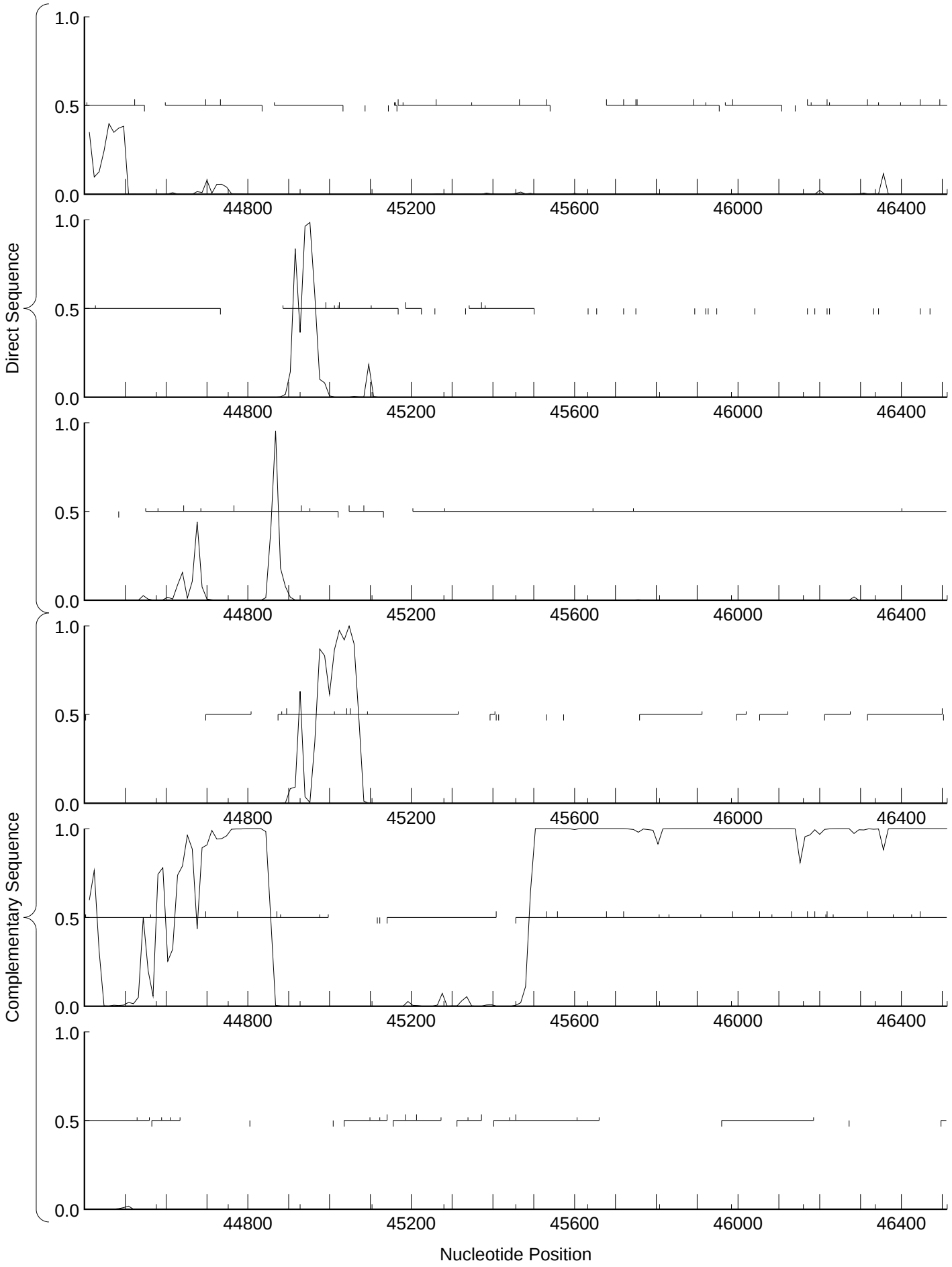

Direct Sequence
Complementary Sequence
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34000
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Nucleotide Position

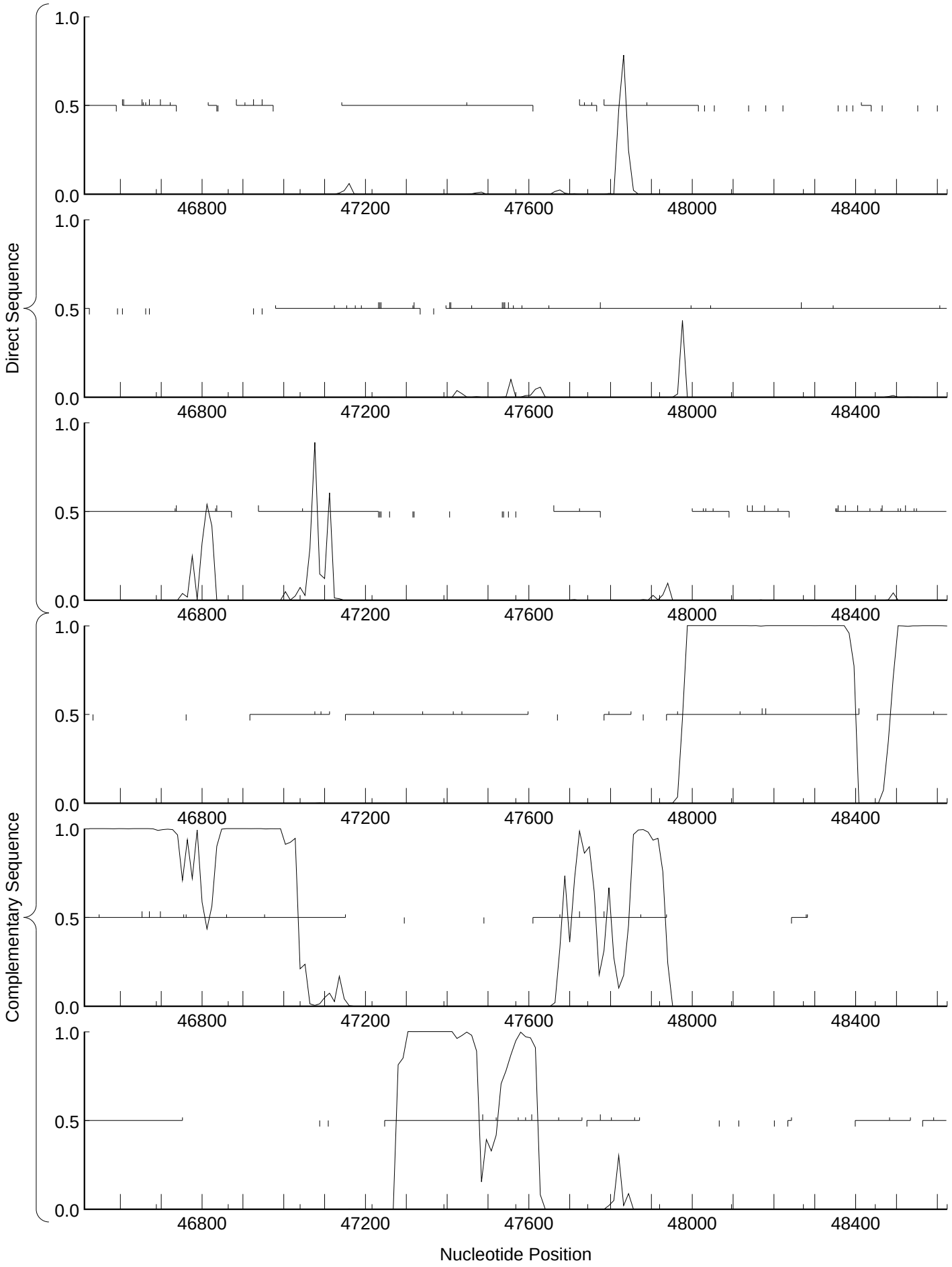

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Complementary Sequence
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37200
37600
38000
Nucleotide Position

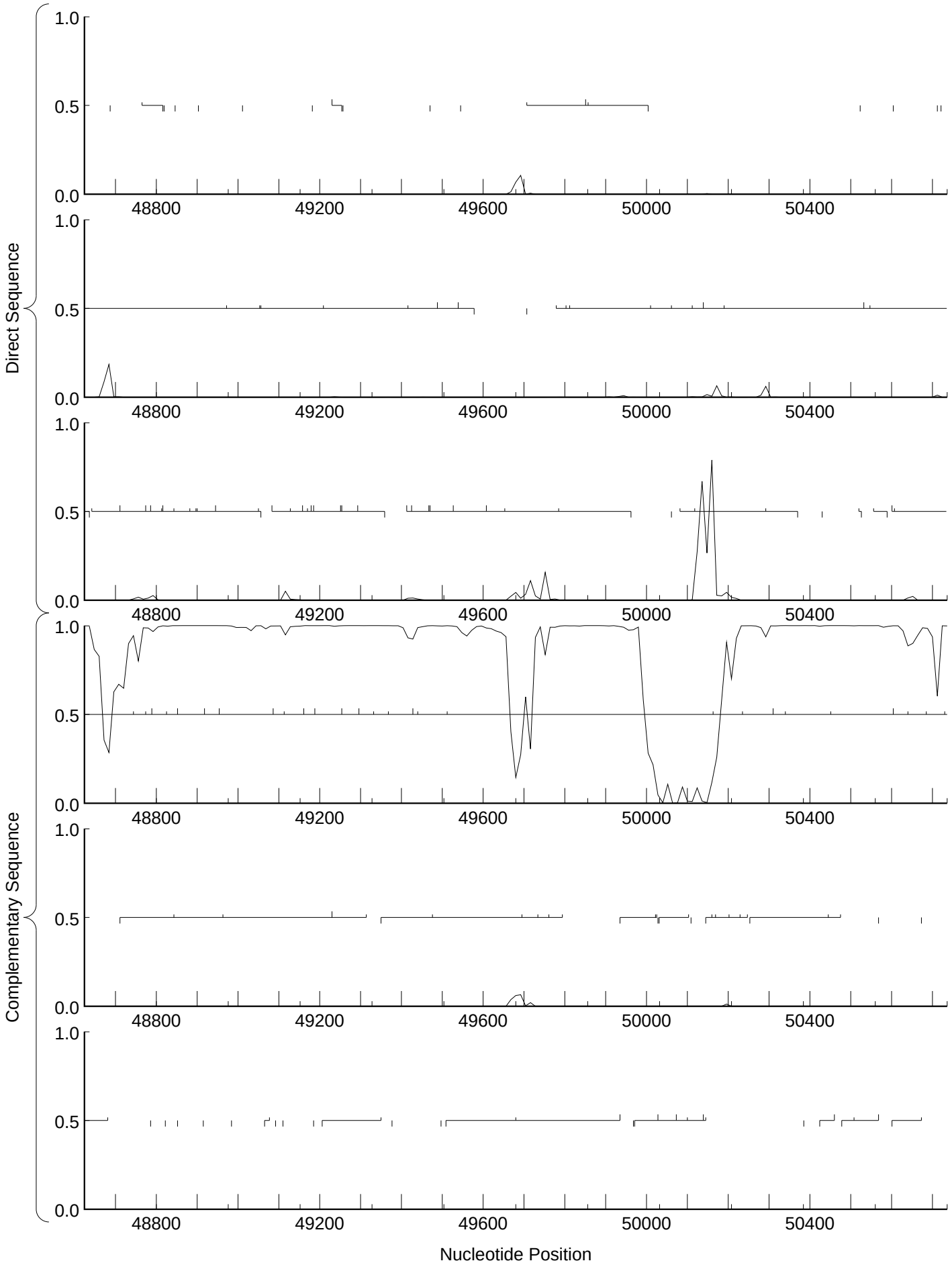

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Nucleotide Position

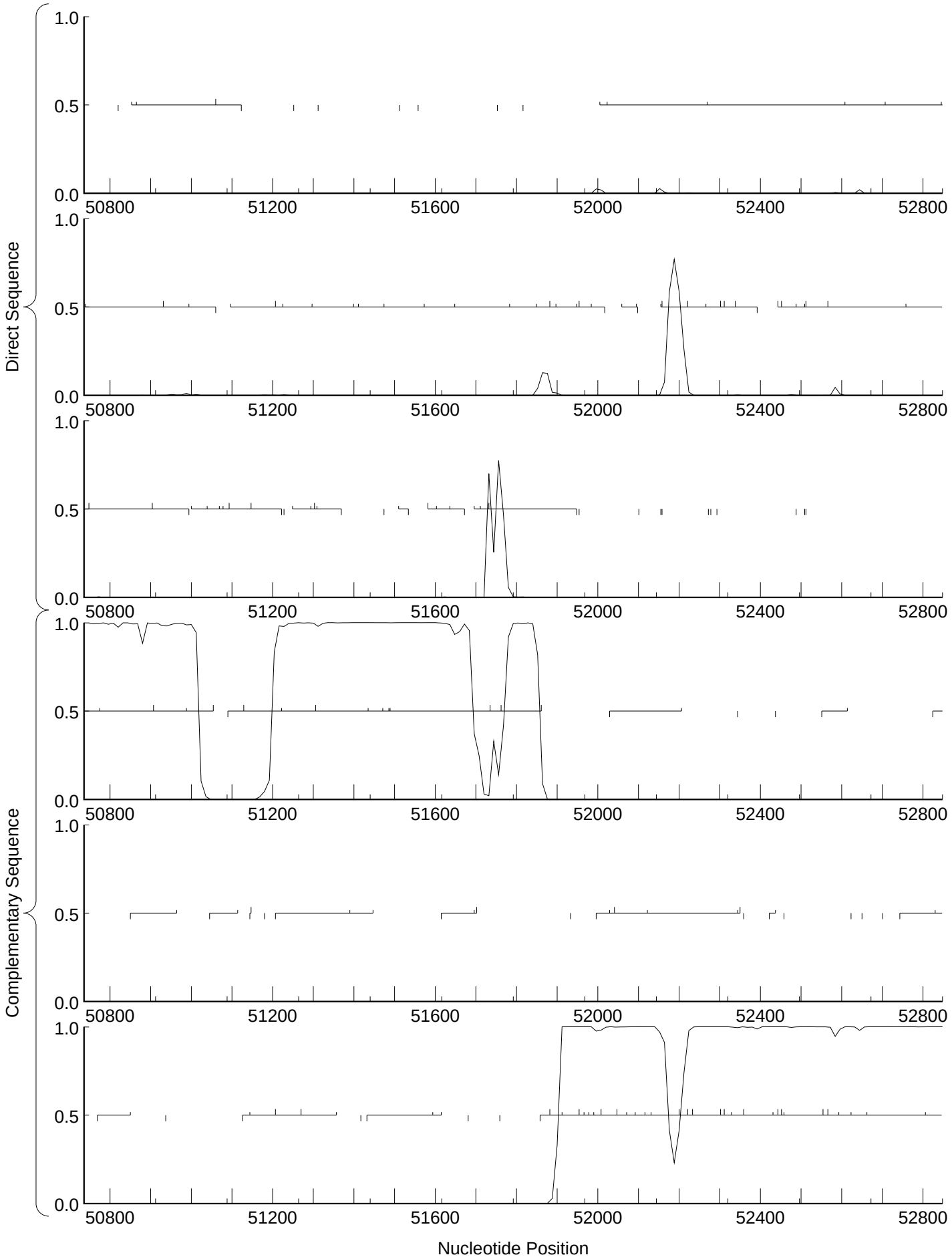

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Nucleotide Position

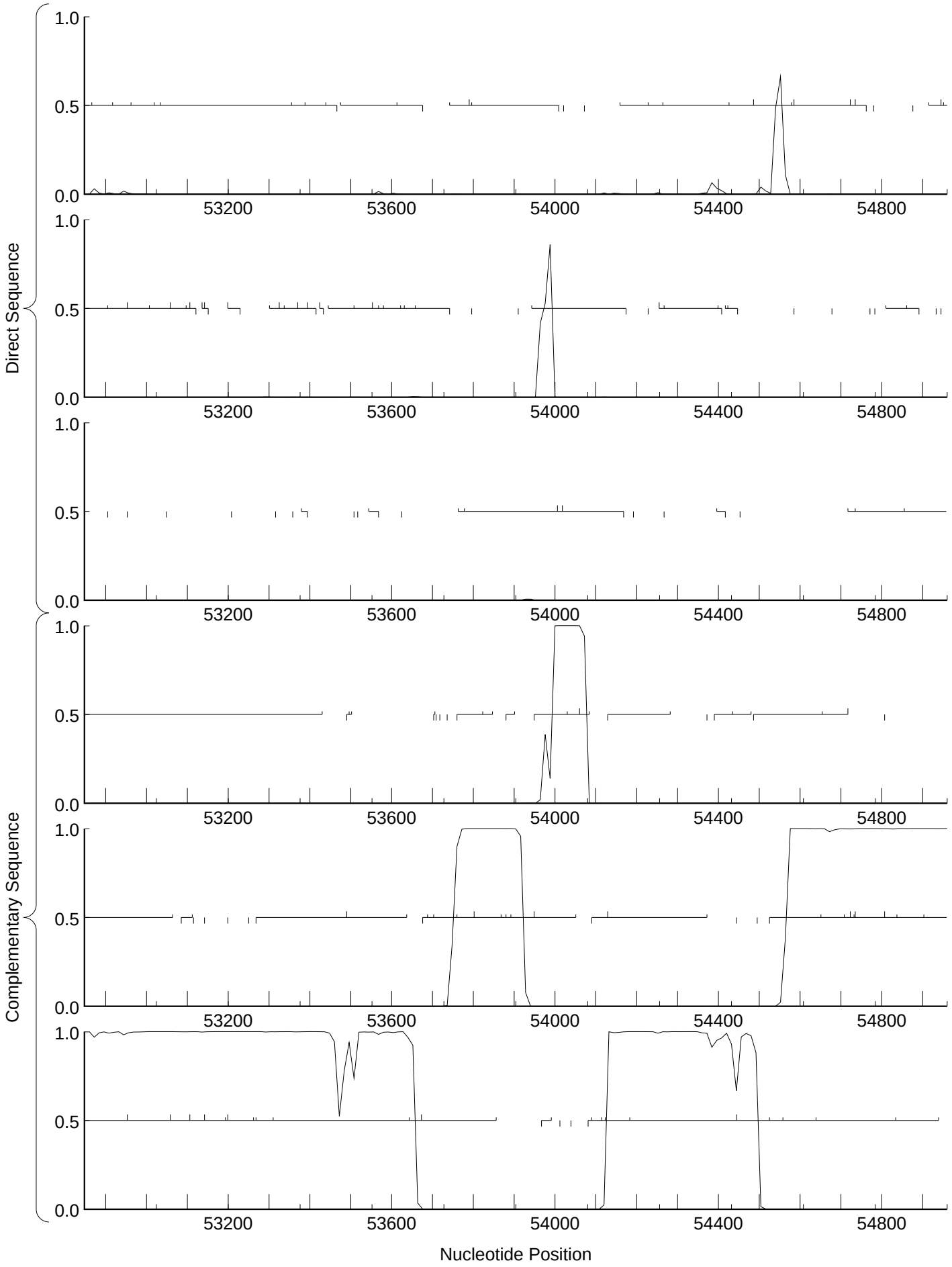

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Nucleotide Position

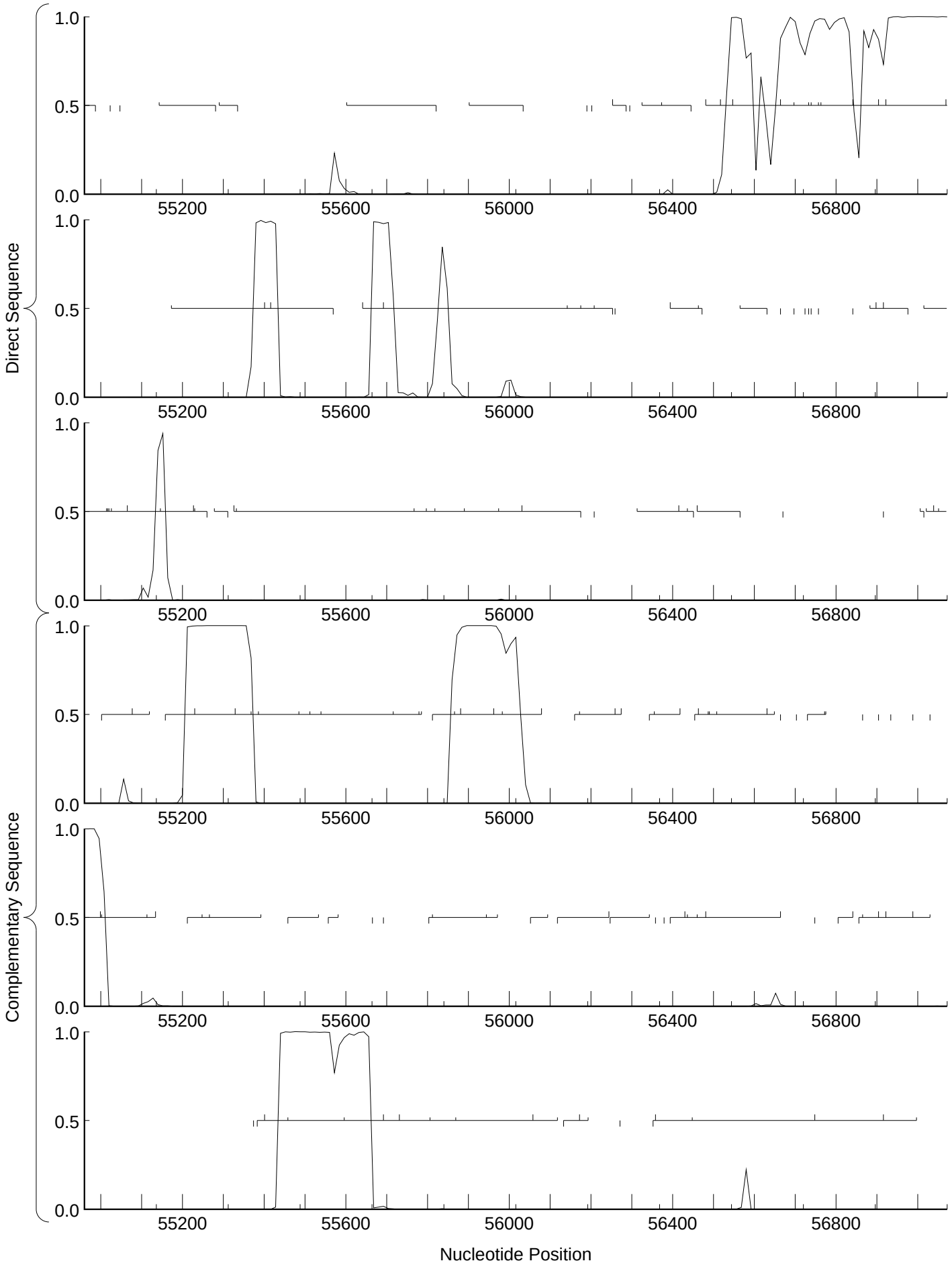

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Nucleotide Position

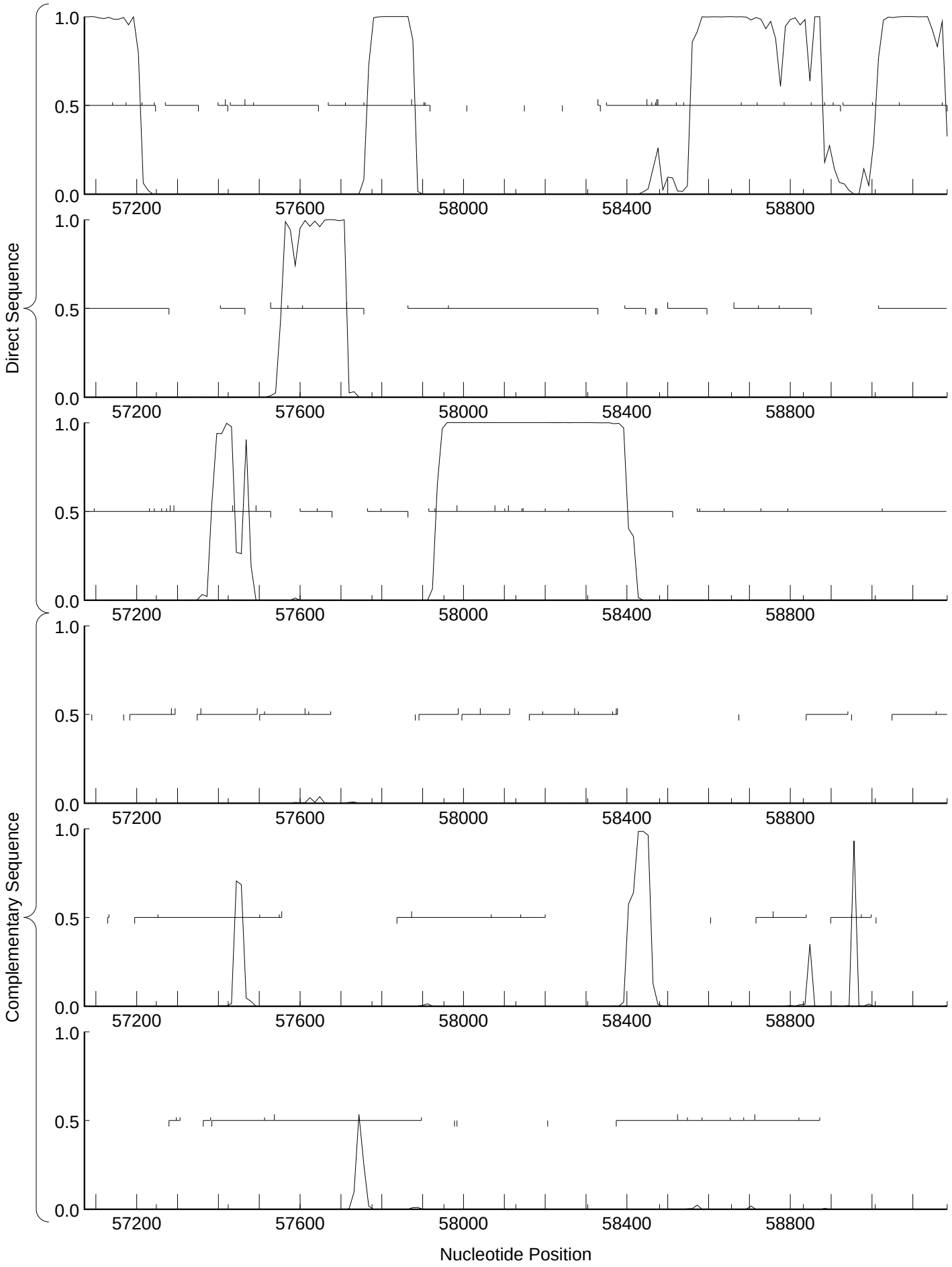

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Complementary Sequence
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Nucleotide Position

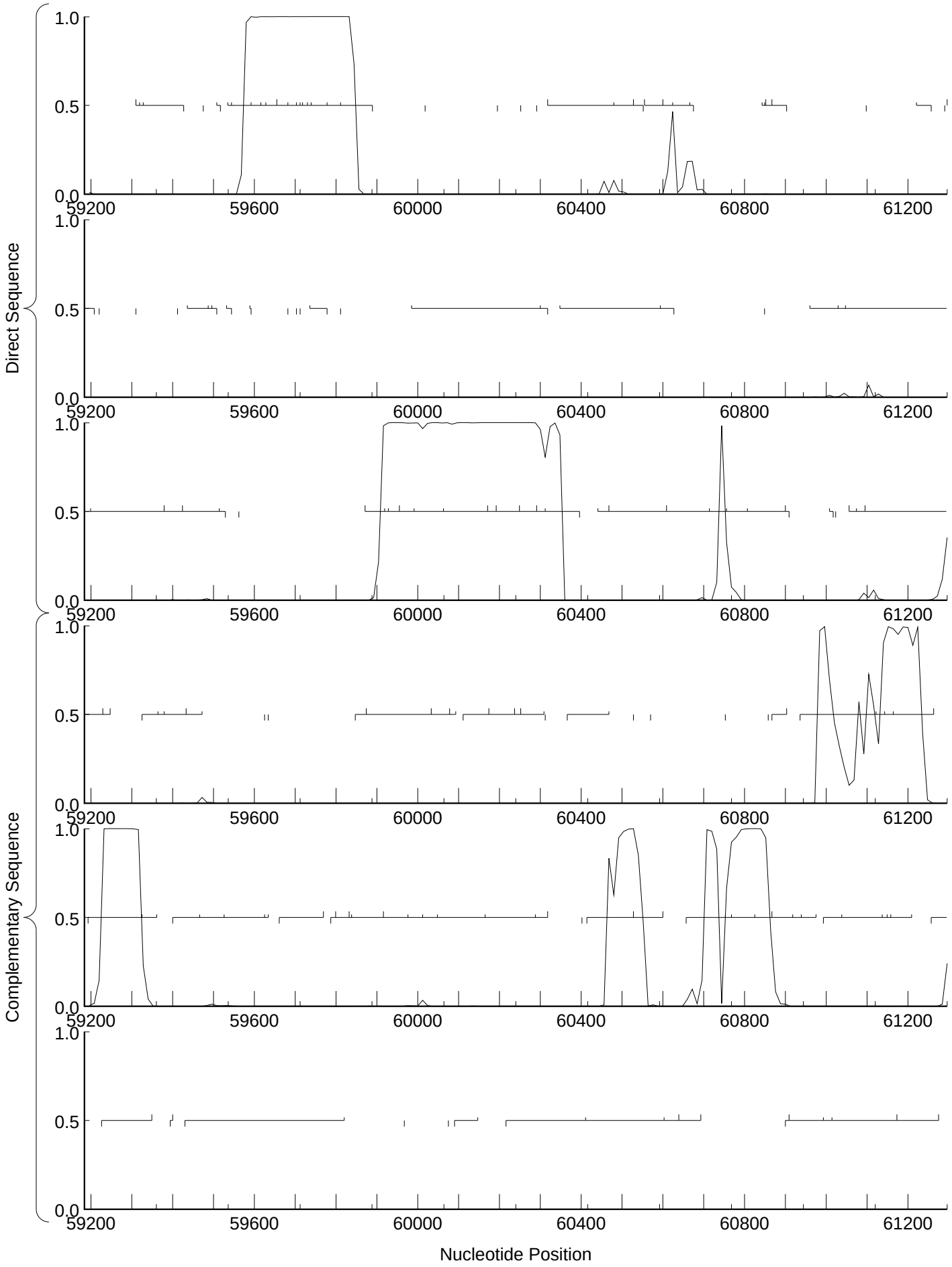

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Complementary Sequence
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Nucleotide Position

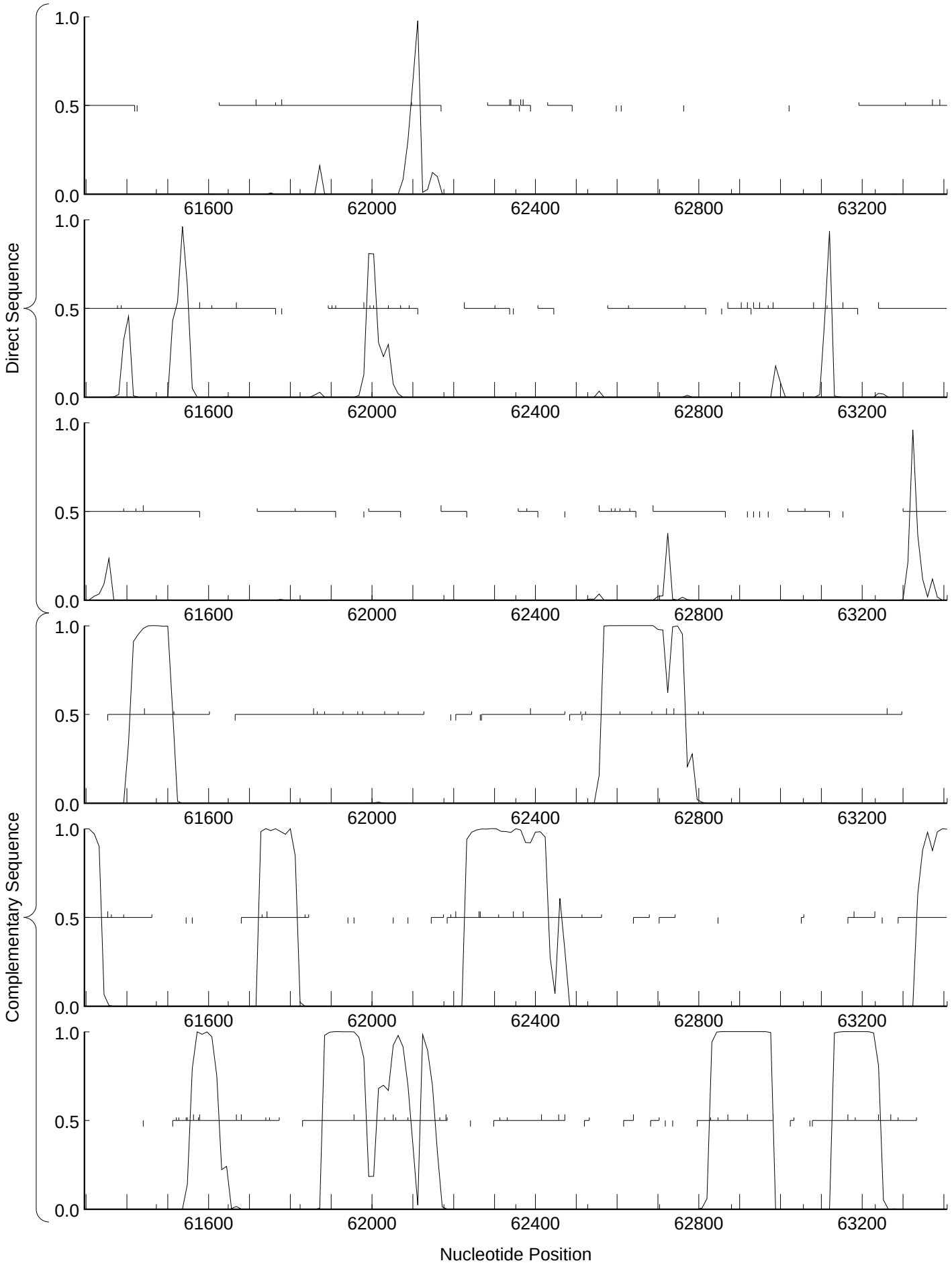

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52000
52400
52800
Nucleotide Position

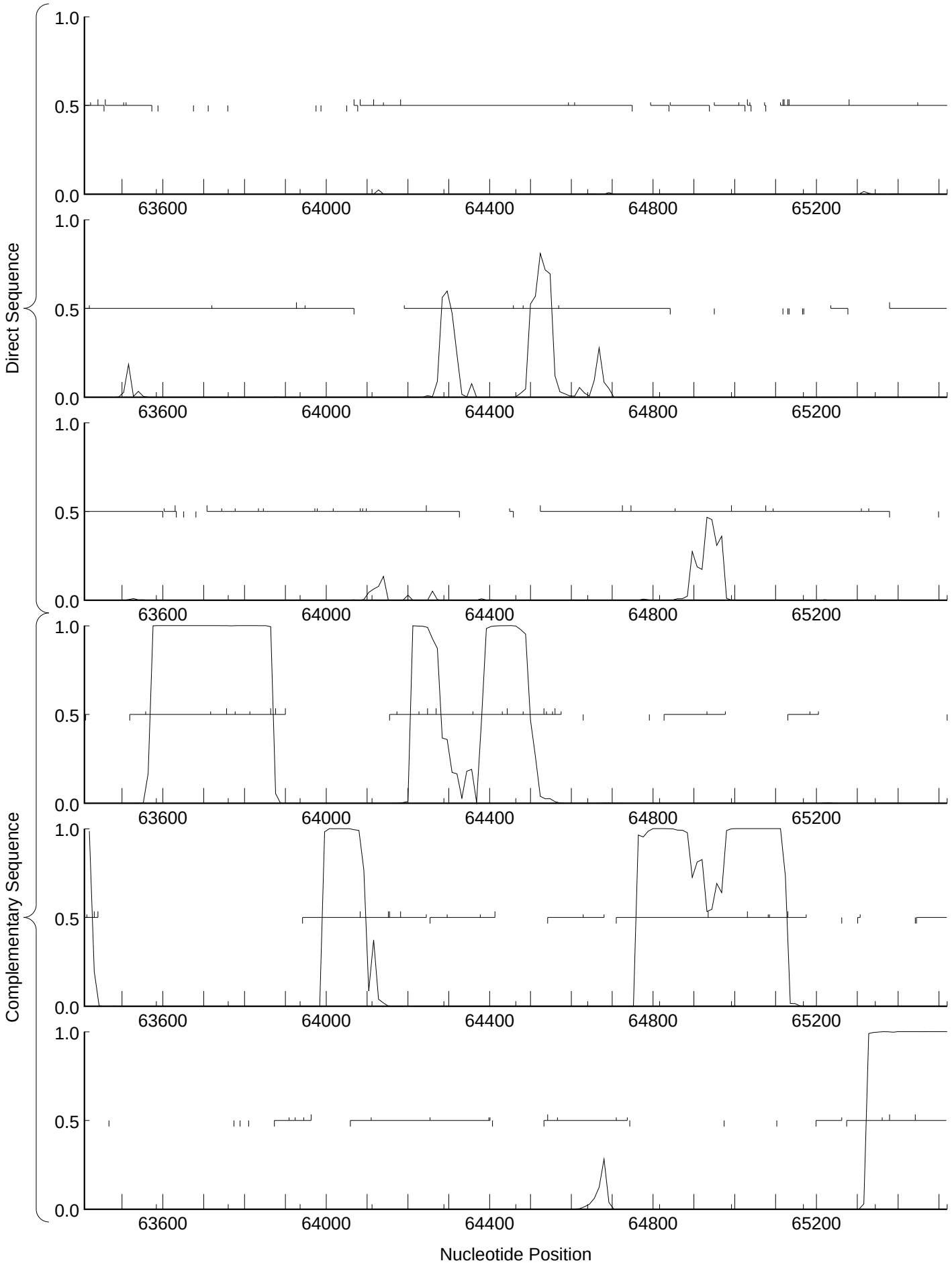

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Complementary Sequence
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Nucleotide Position

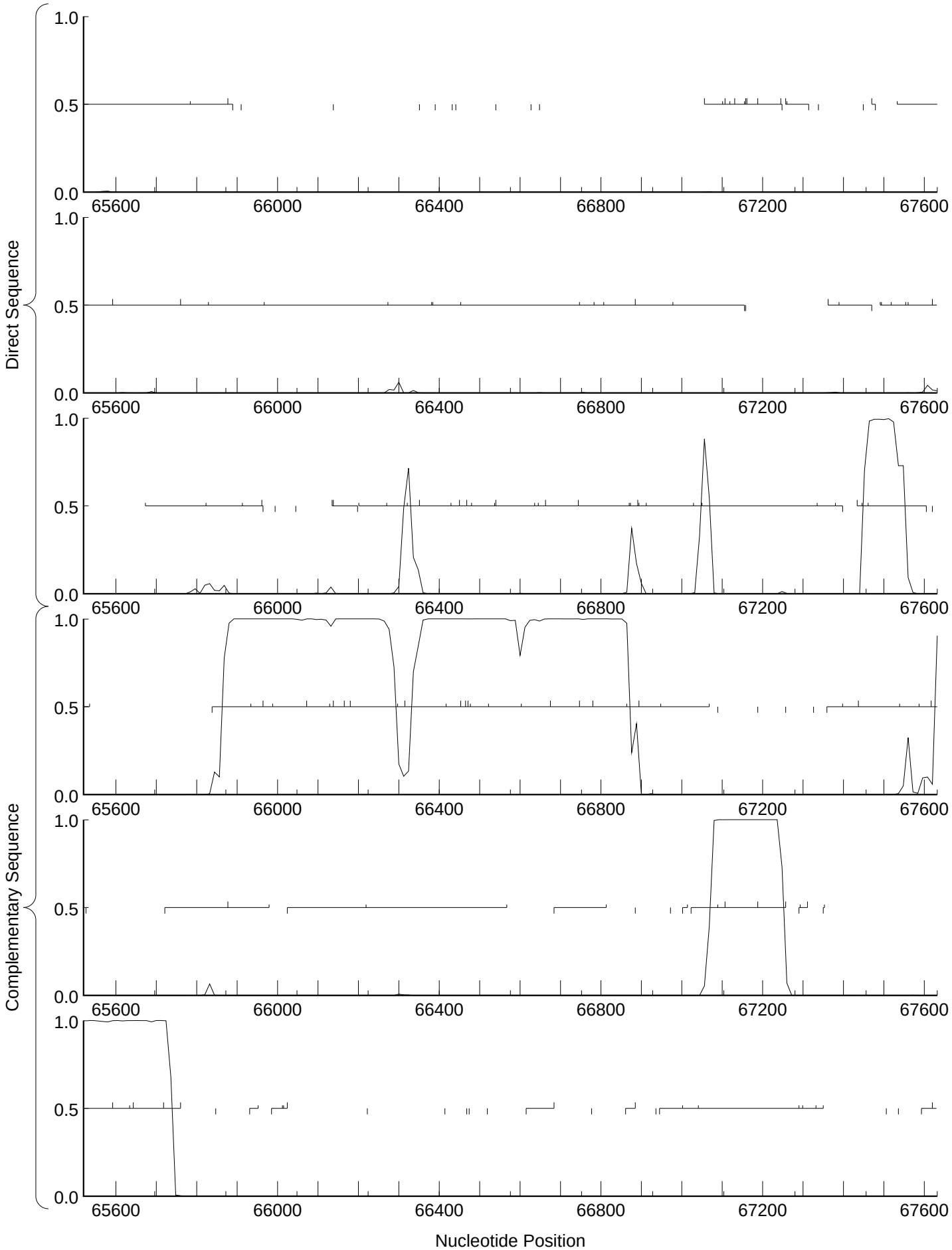

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Complementary Sequence
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56400
56800
Nucleotide Position

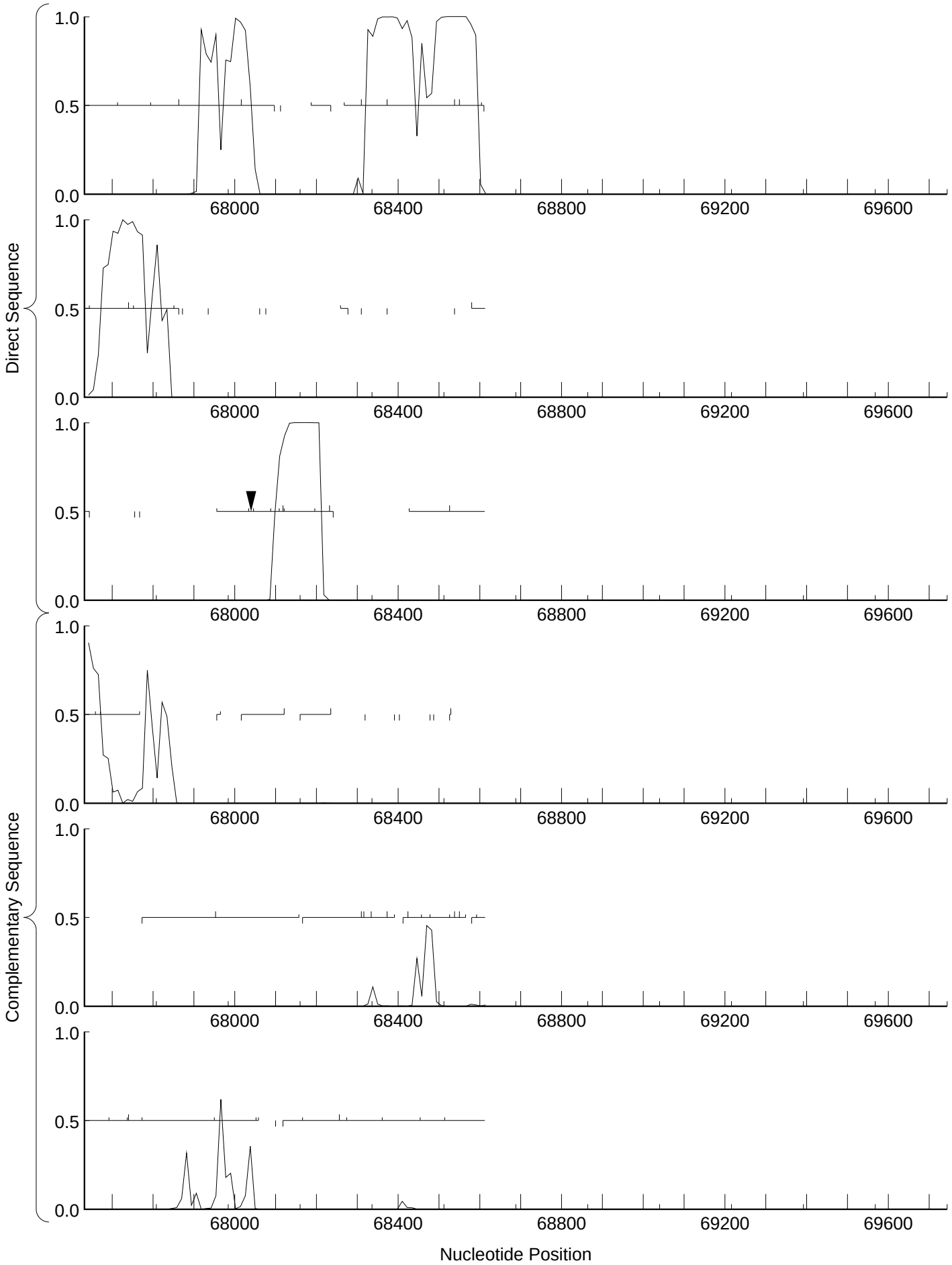

Direct Sequence
Complementary Sequence
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0.0
57200
57600
58000
58400
58800
Nucleotide Position


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


Direct Sequence
Complementary Sequence
1.0
0.5
0.0
61600
62000
62400
62800
63200
Nucleotide Position


Direct Sequence
Complementary Sequence
1.0
0.5
0.0
63600
64000
64400
64800
65200
Nucleotide Position


Direct Sequence
Complementary Sequence
1.0
0.5
0.0
65600
66000
66400
66800
67200
67600
Nucleotide Position


Direct Sequence
Complementary Sequence
1.0
0.5
0.0
68000
68400
68800
69200
69600
Nucleotide Position