GeneMark

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

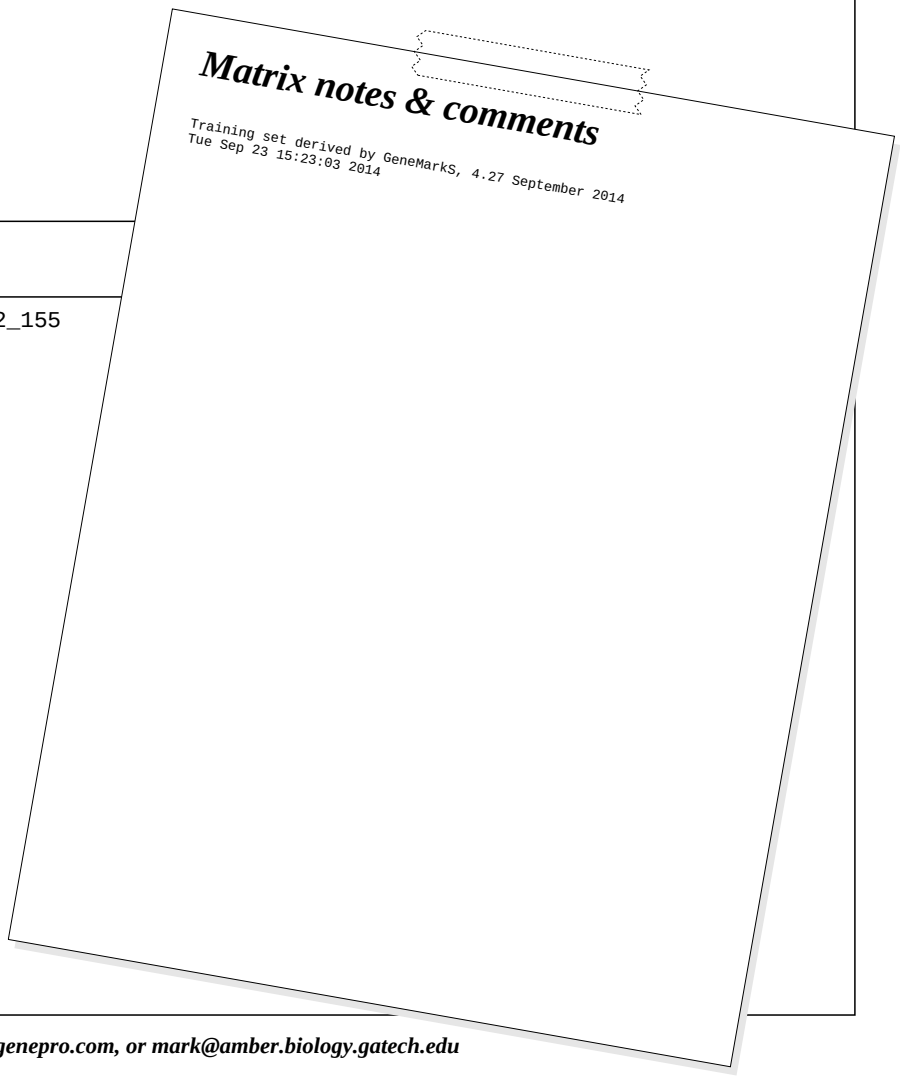
PROGRAM INFORMATION

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Sequence         :  Mycobacterium phage Vaticameos complete sequence, 66887 bp, circularly permuted, Cluster B1
Analysis Date    :  3/28/24 at 18:57:56
Pages            :  33
Sequence Length  :  66887 bp
GC Content       :   66.53%

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

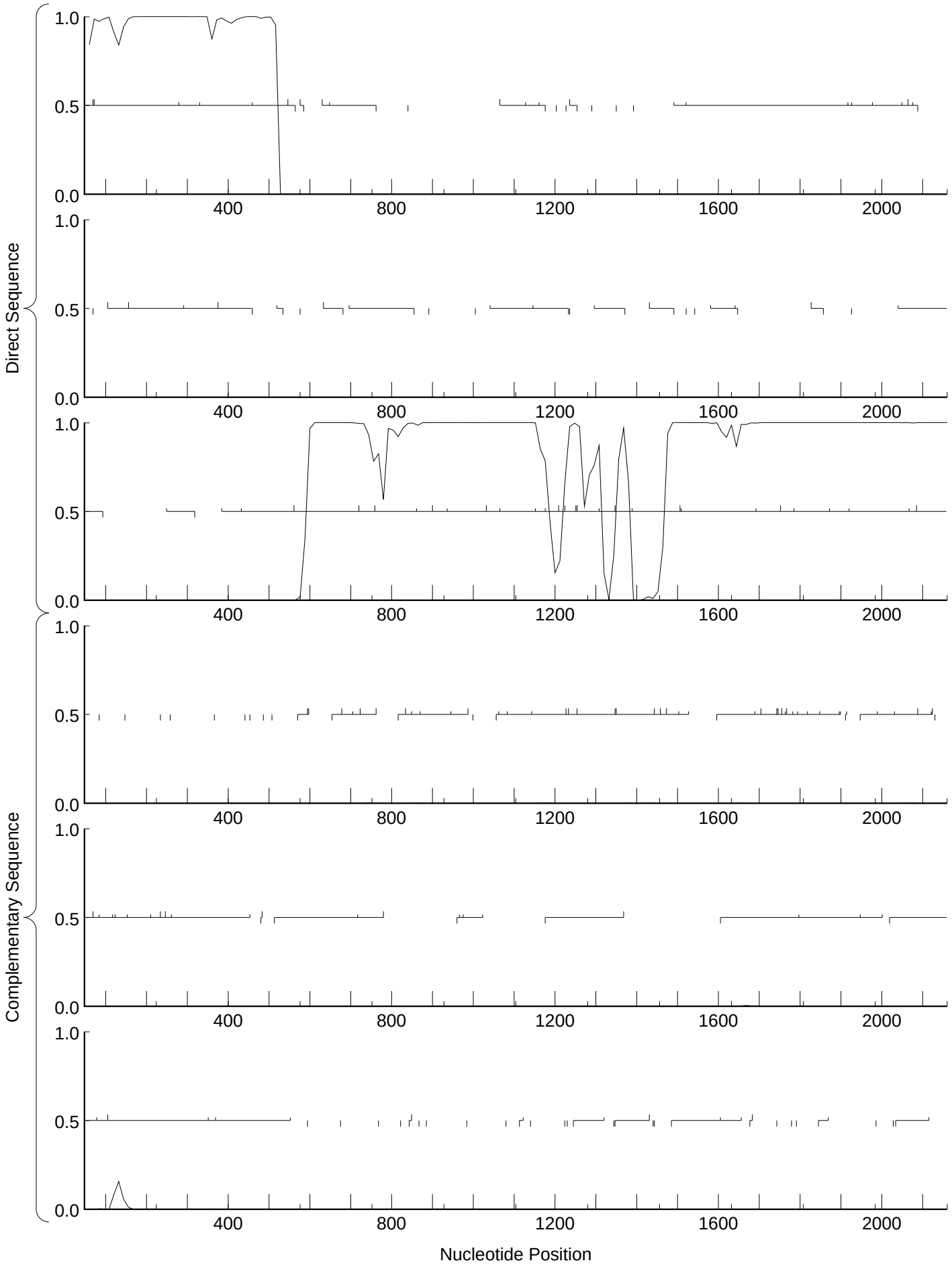
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Matrix     :  Mycobacterium_smegmatis_MC2_155
Author     :  -

Order      :  4
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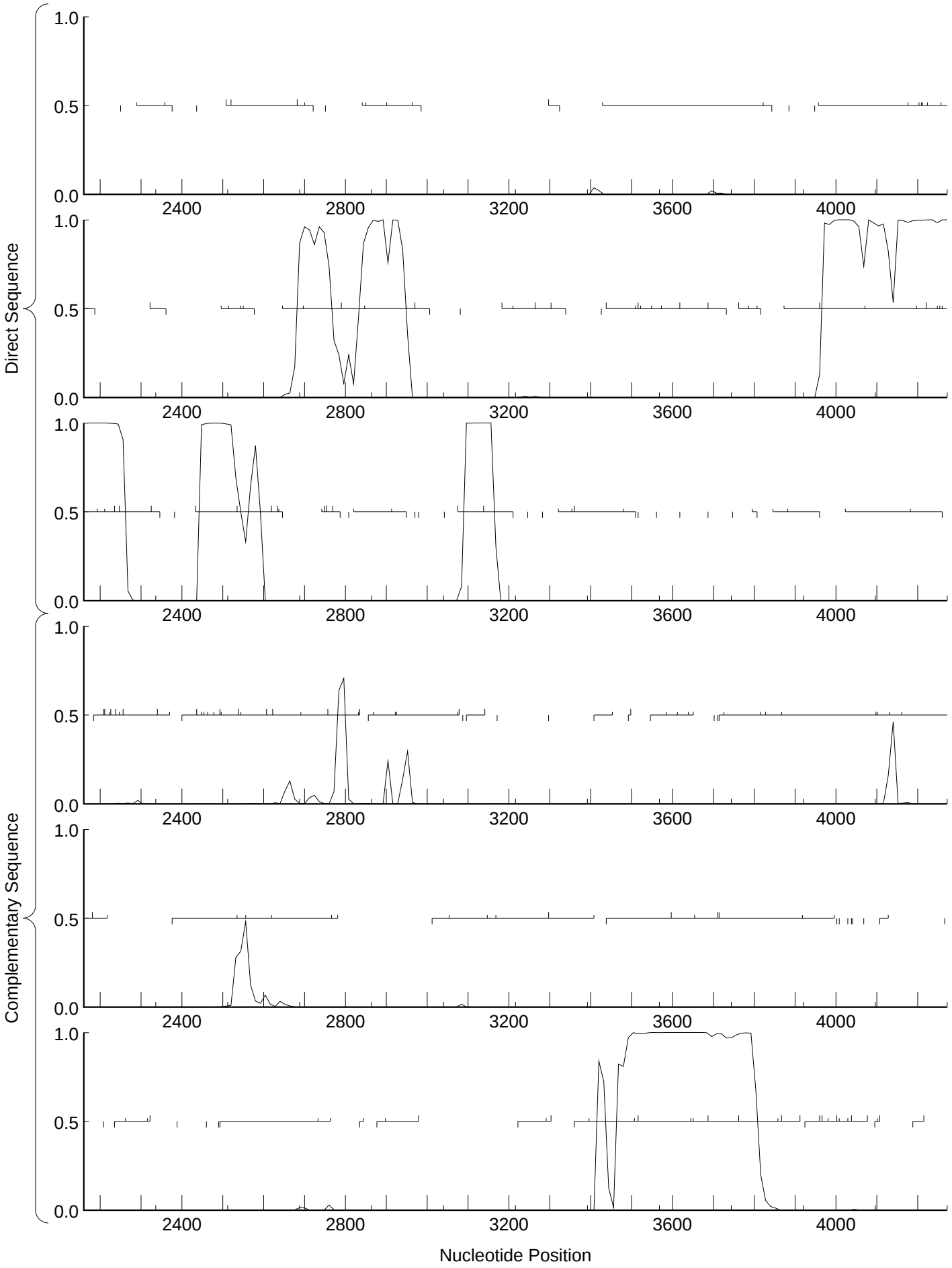

```
  Send questions / comments to:
      Dr. M. Borodovsky
      Georgia Institute of Technology
      School of Biology
      Atlanta, GA  30332-0230
```


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

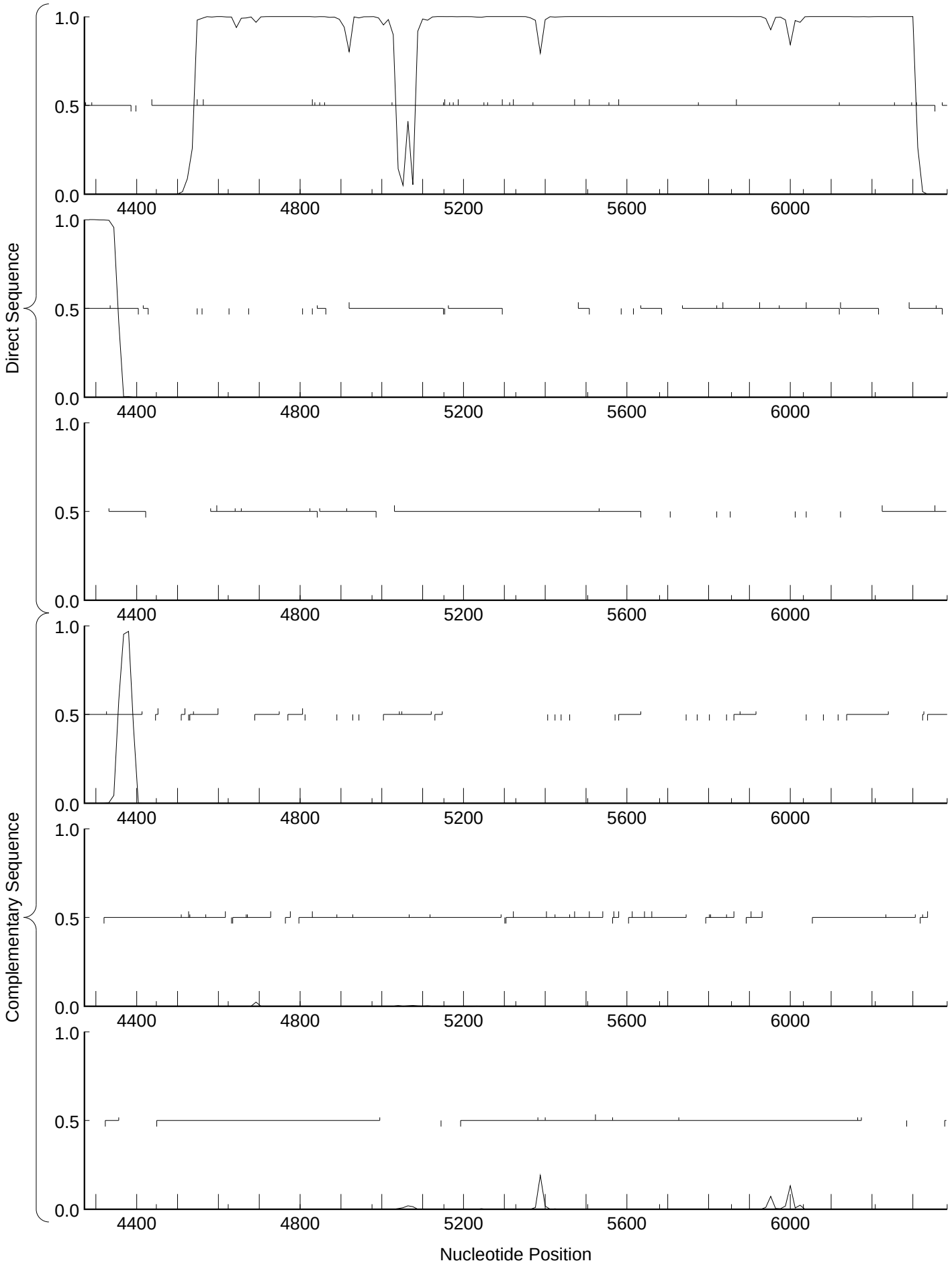
obacterium phage Vaticameos complete sequence, 66887 bp, circularly permuted, Cluster B1, Order 4, Window 96, Step 12, 2/33



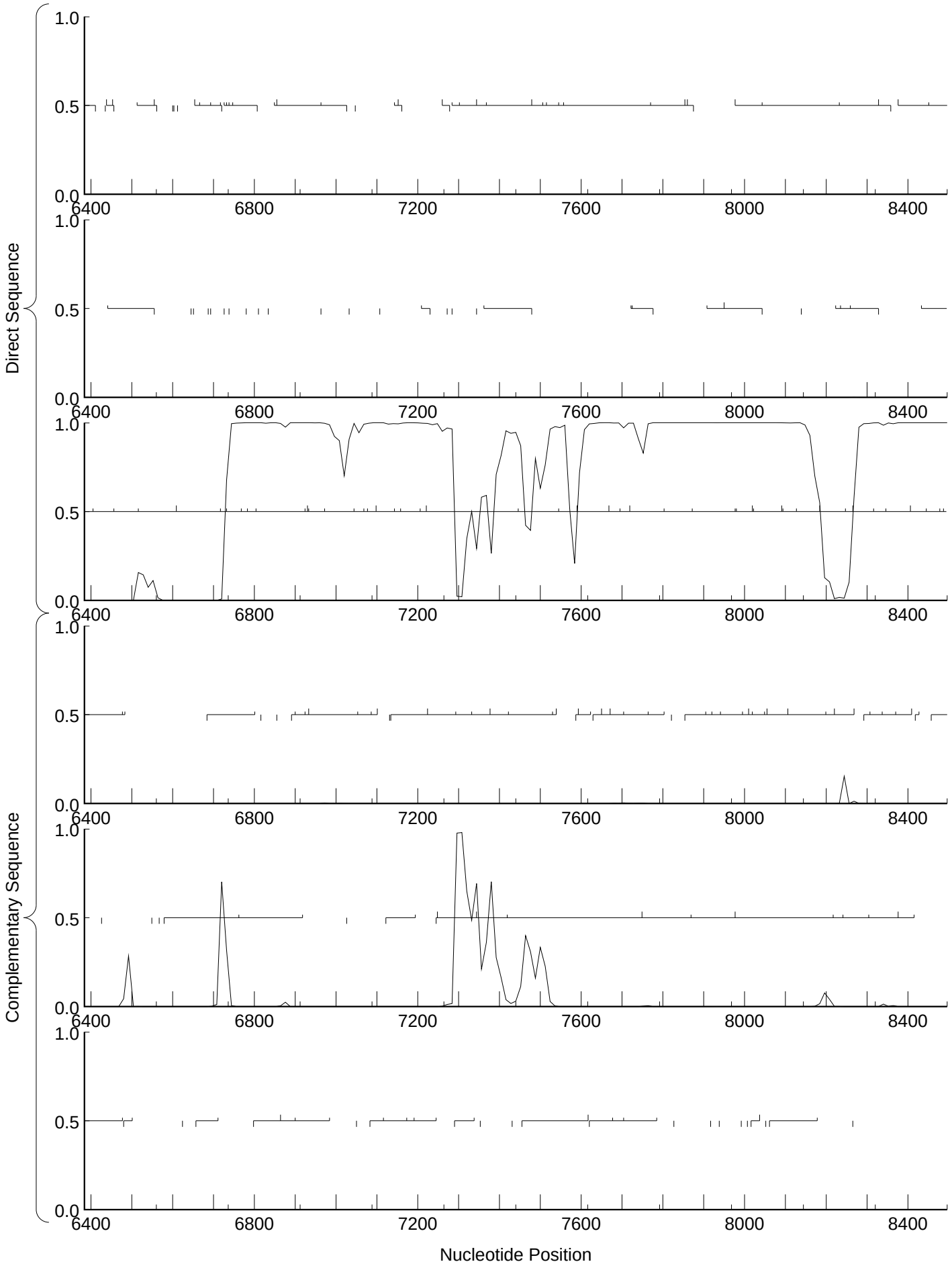
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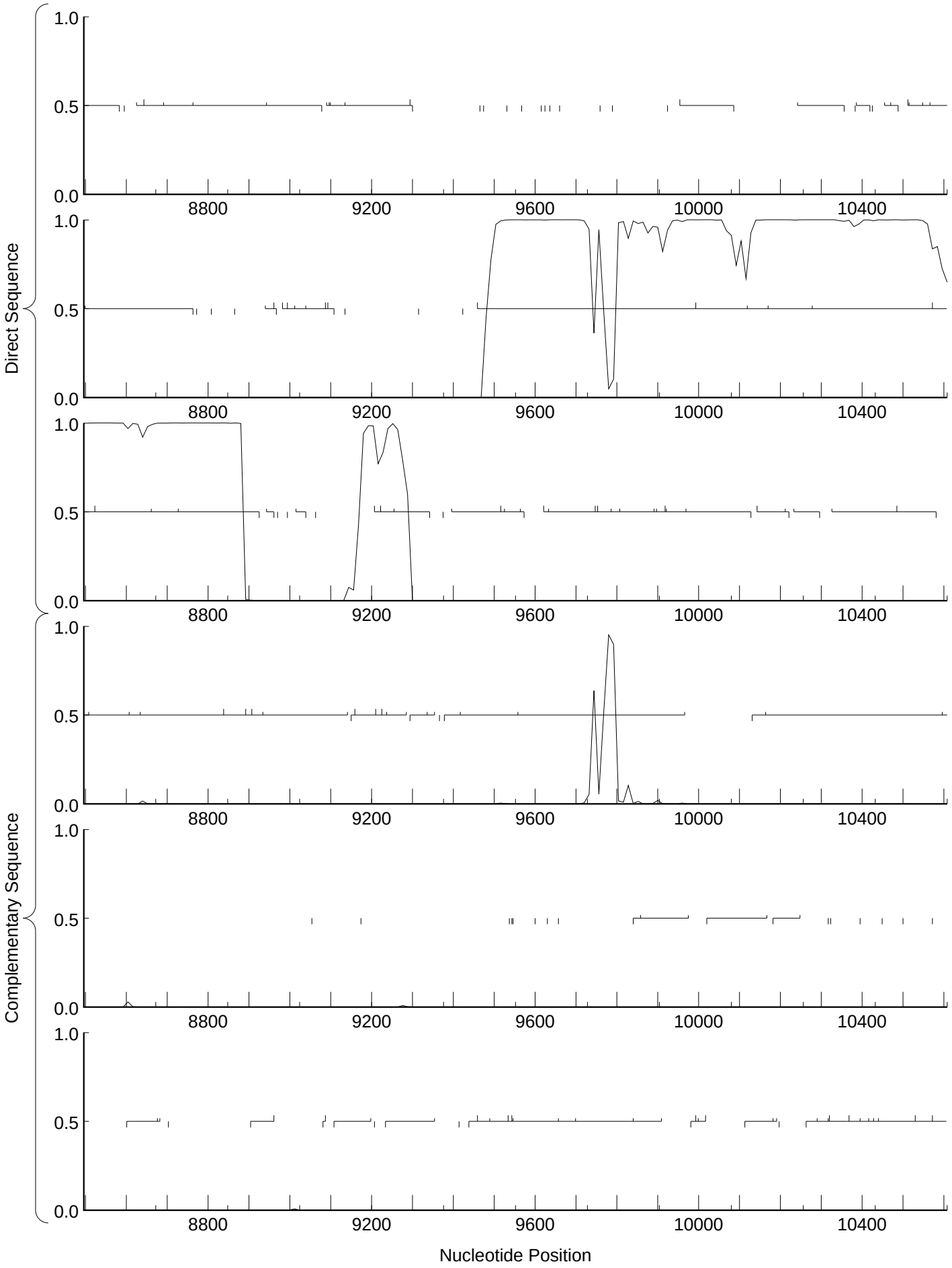
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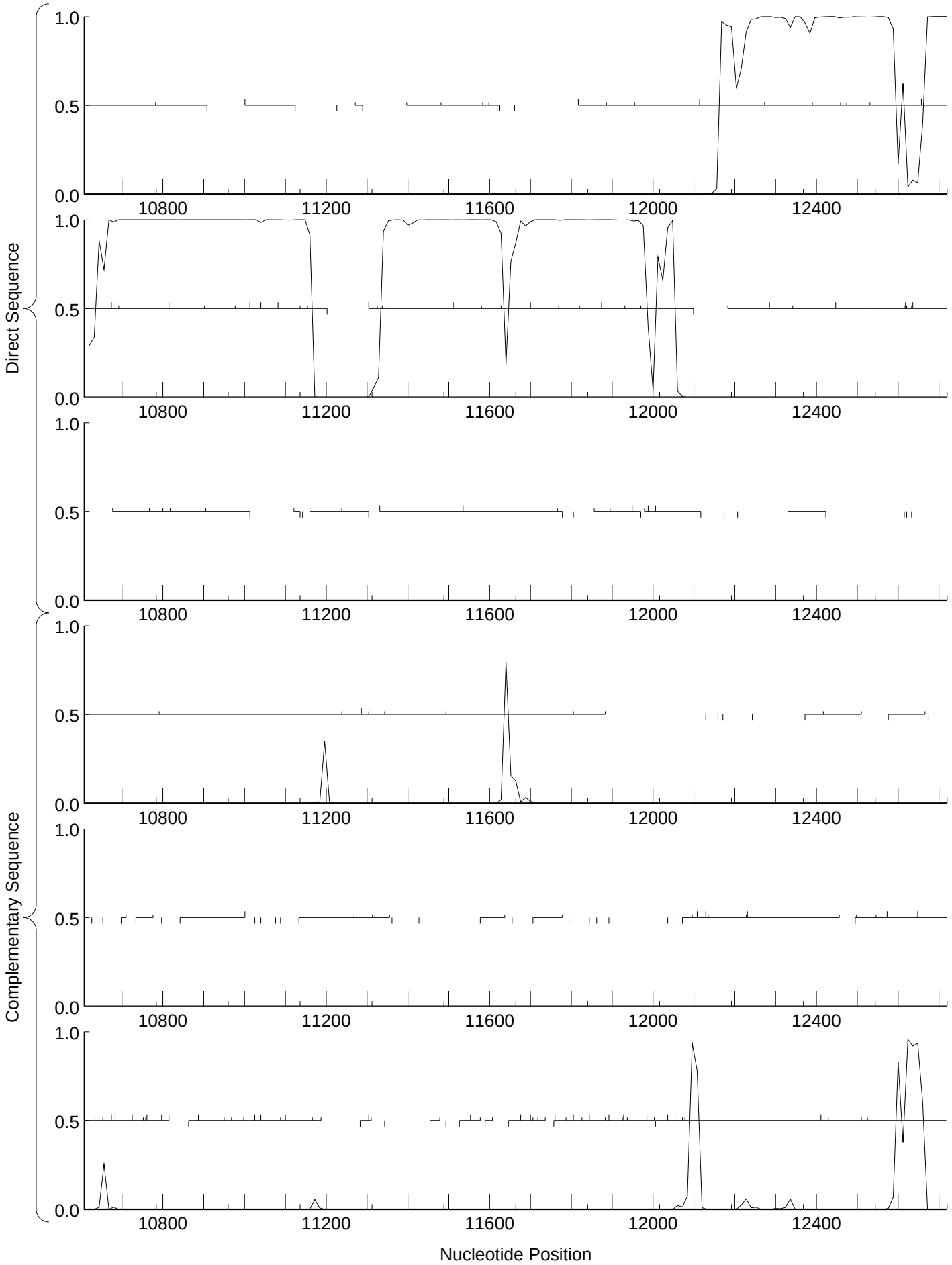
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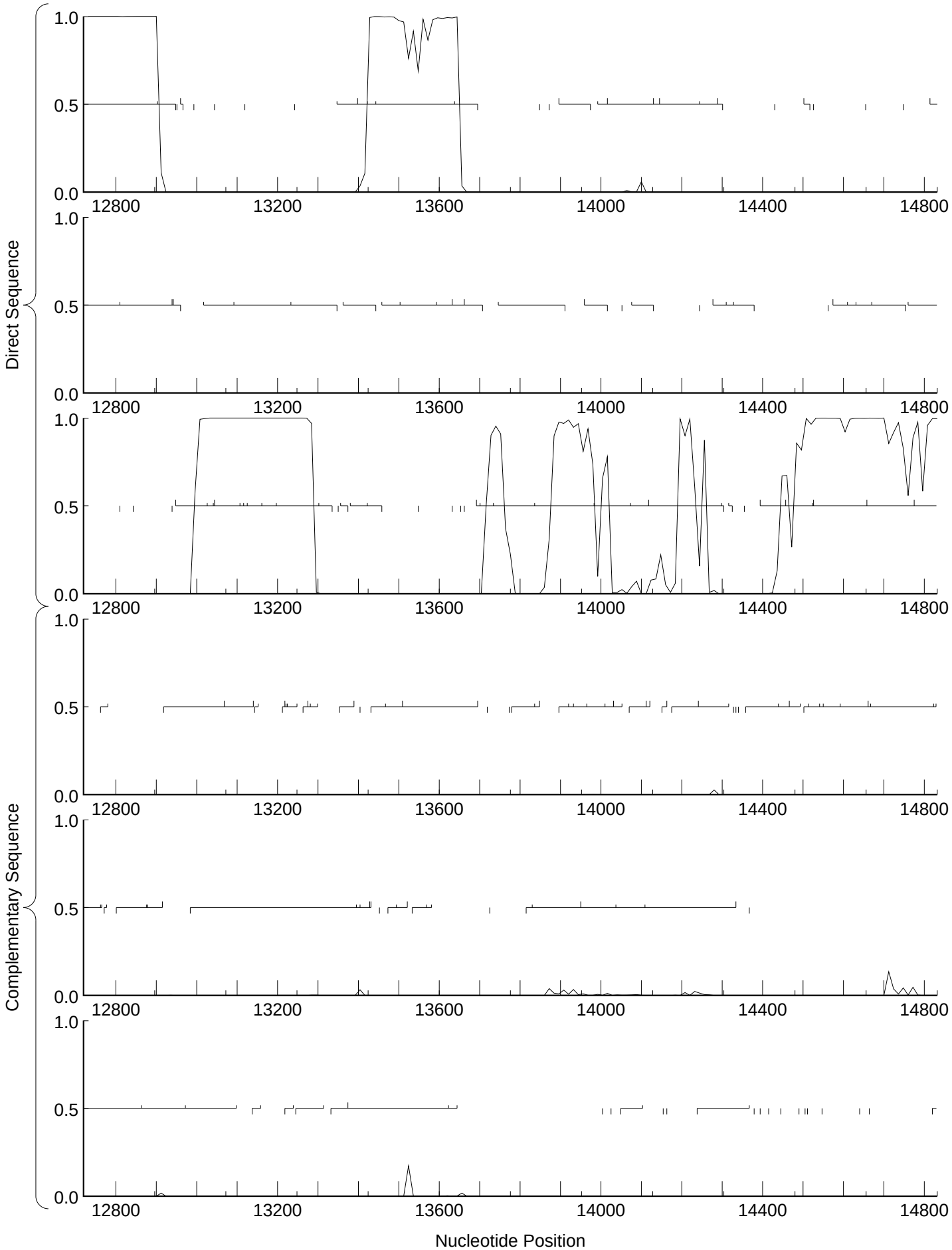
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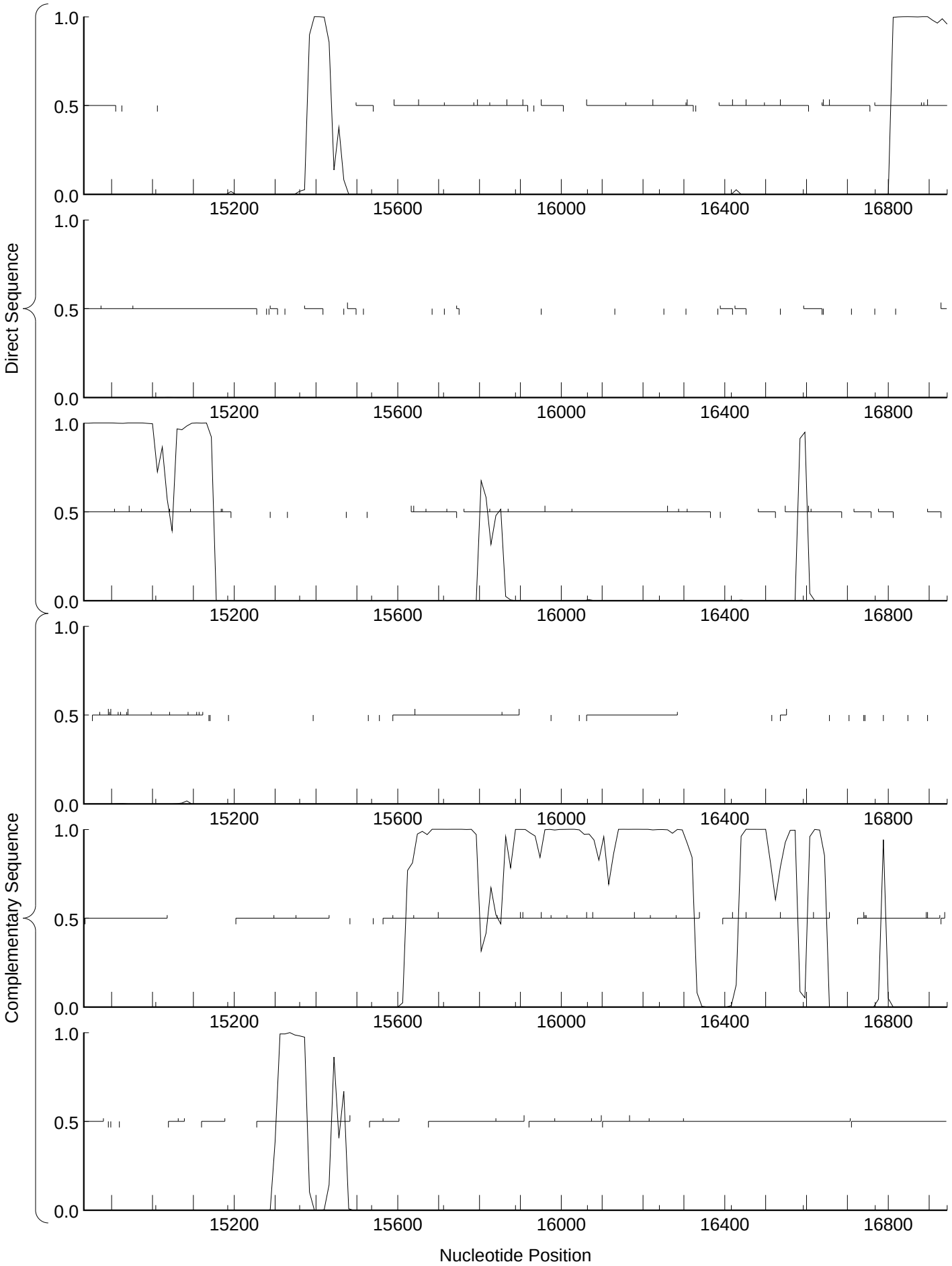
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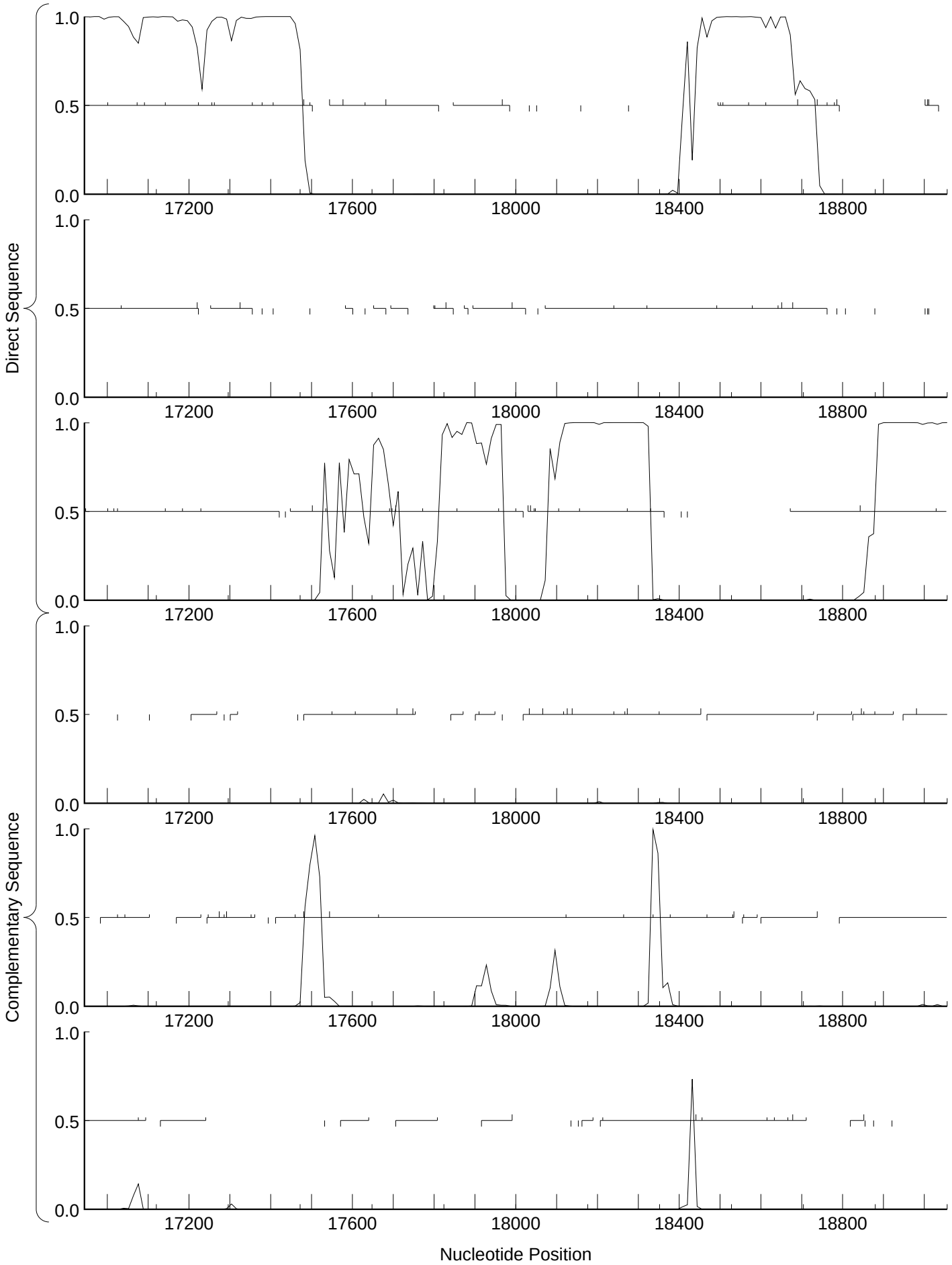
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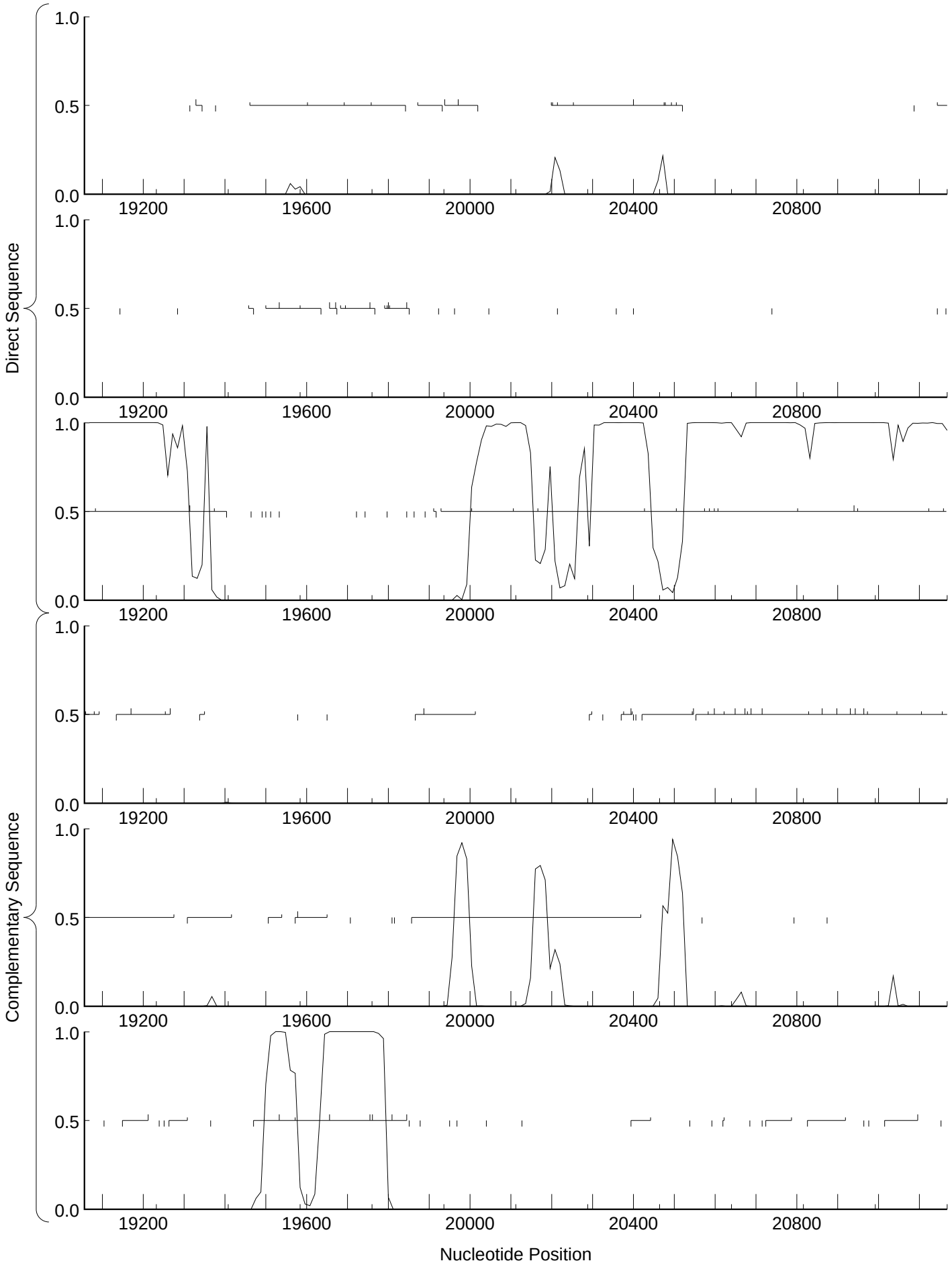
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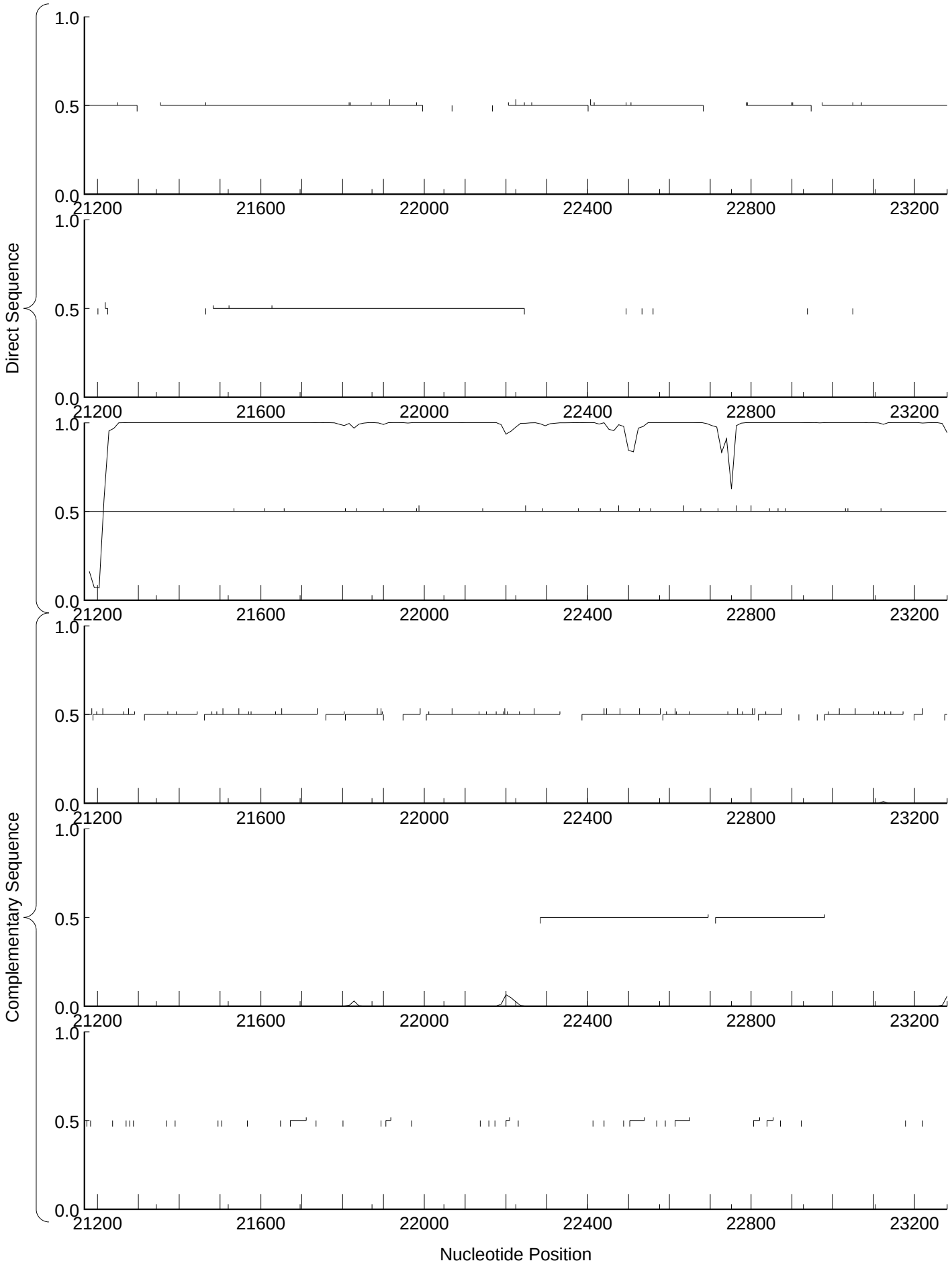
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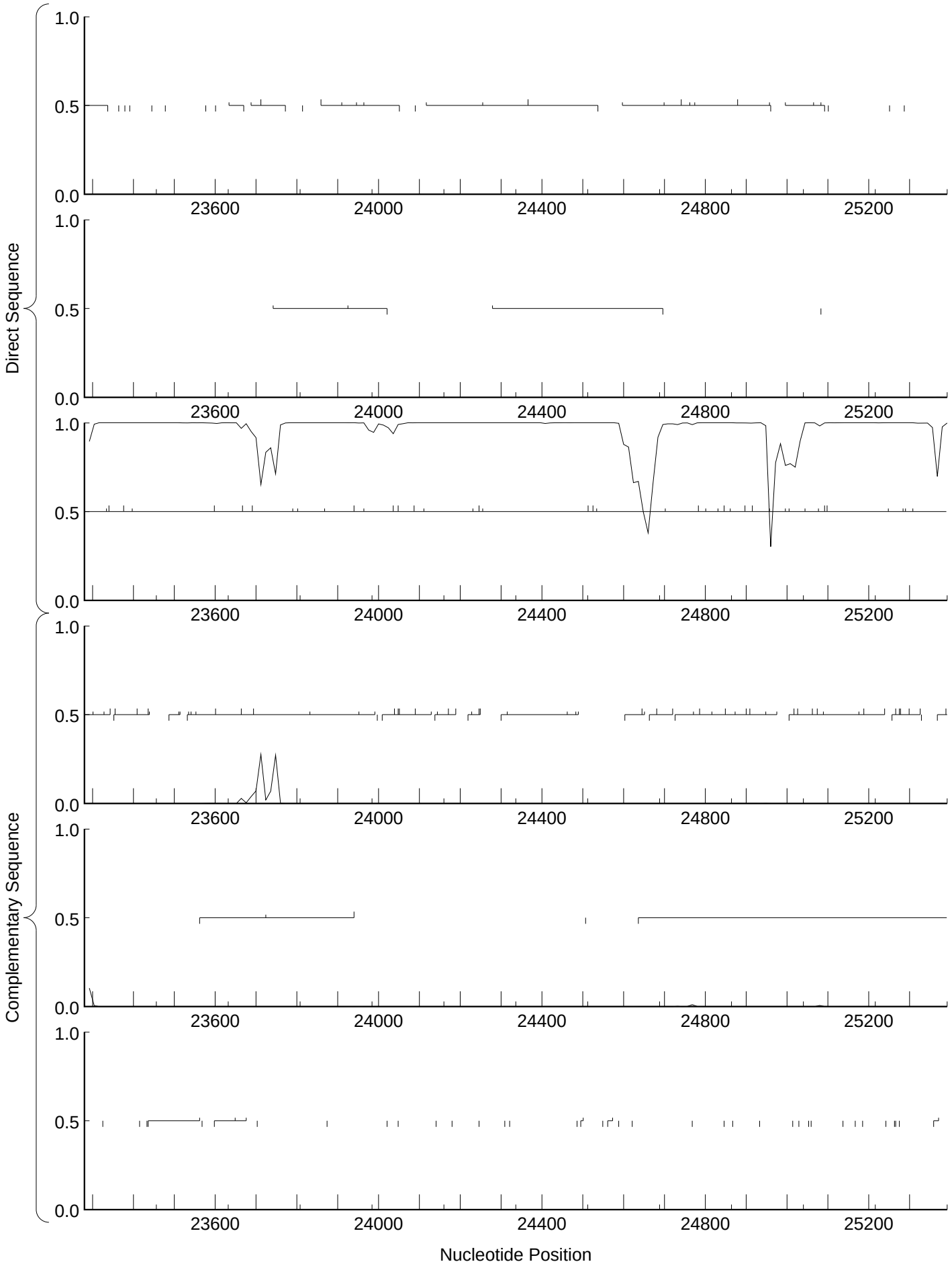


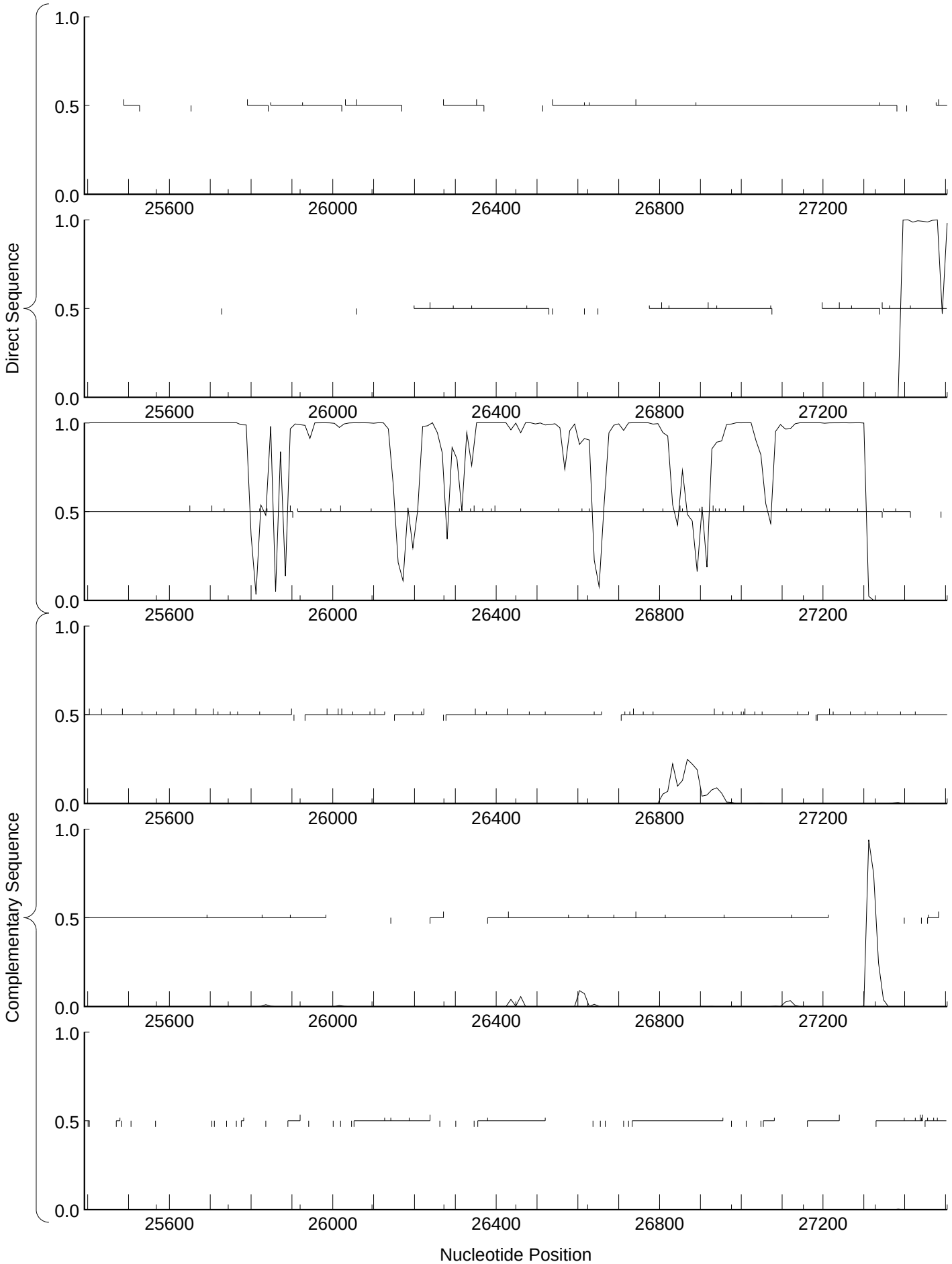
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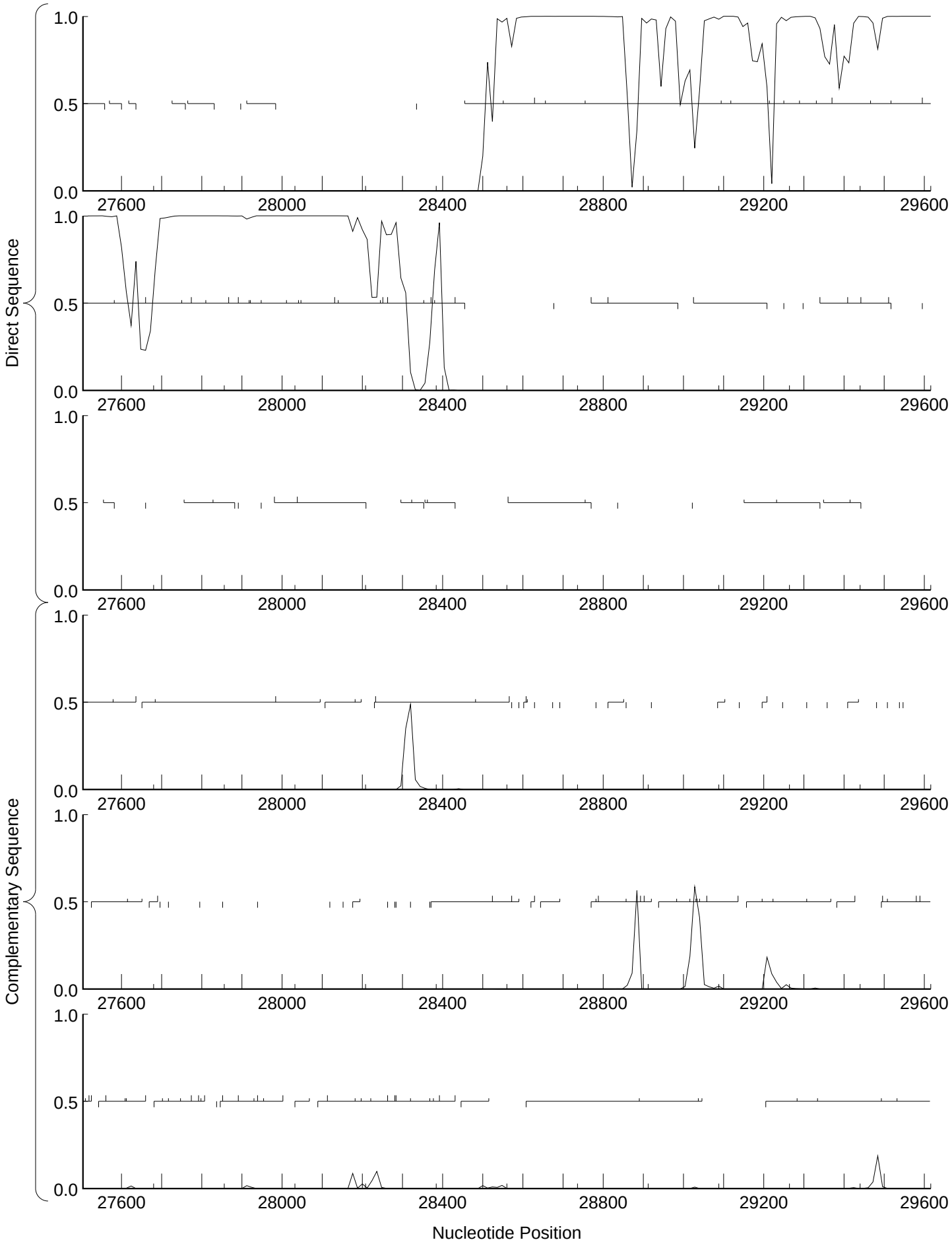
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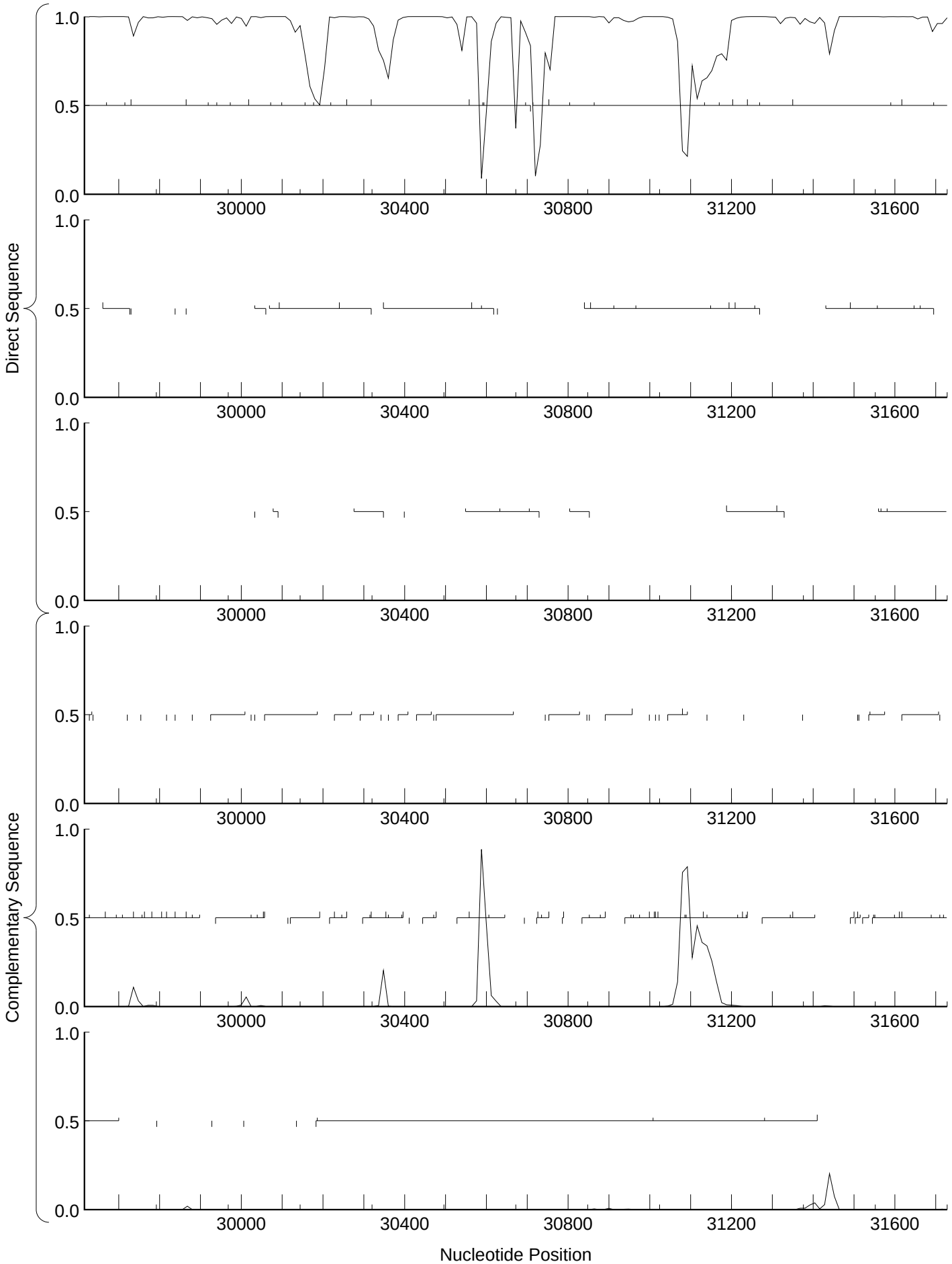


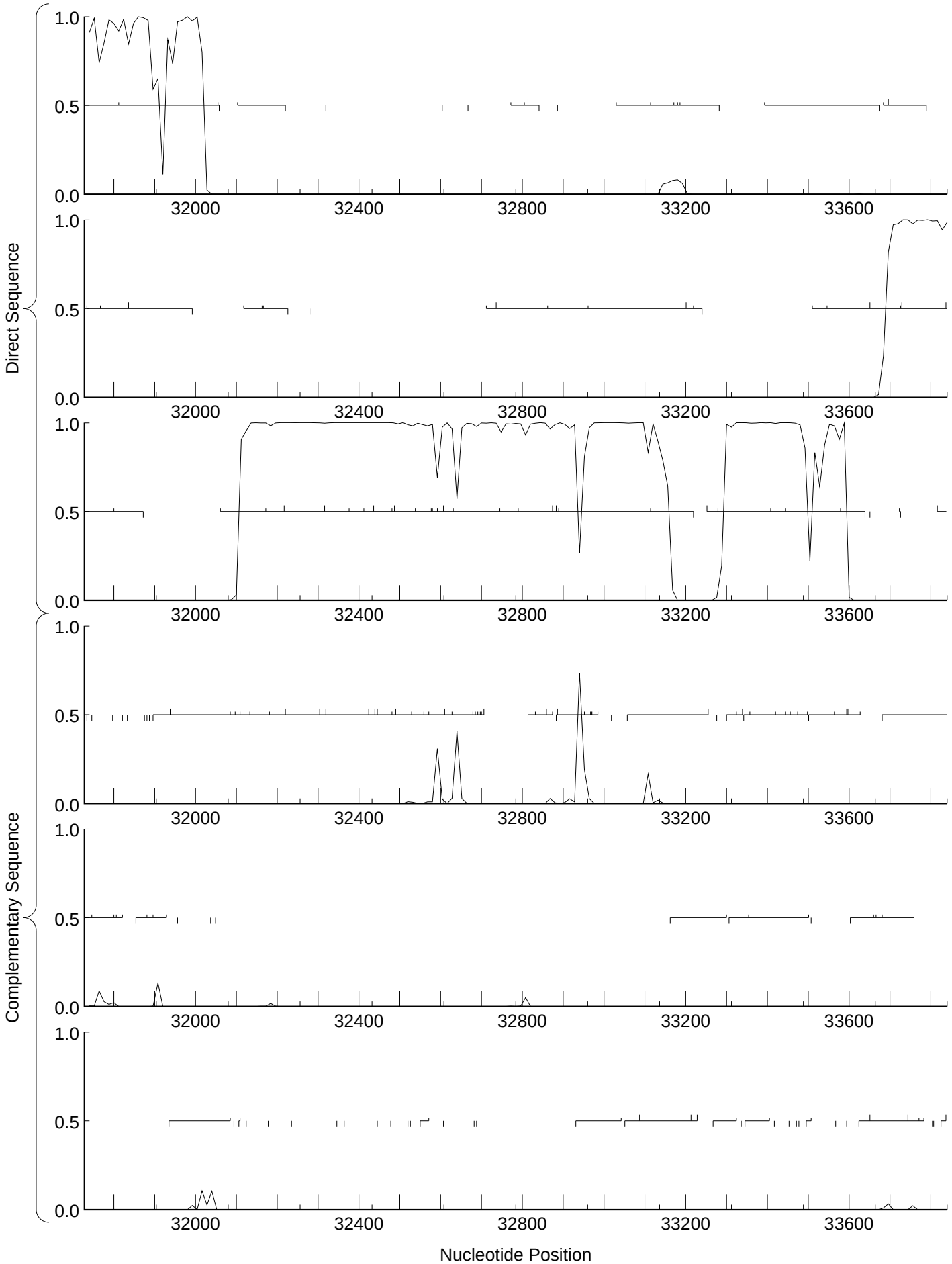

Direct Sequence
Complementary Sequence
1.0
0.5
0.0
23600
24000
24400
24800
25200
Nucleotide Position

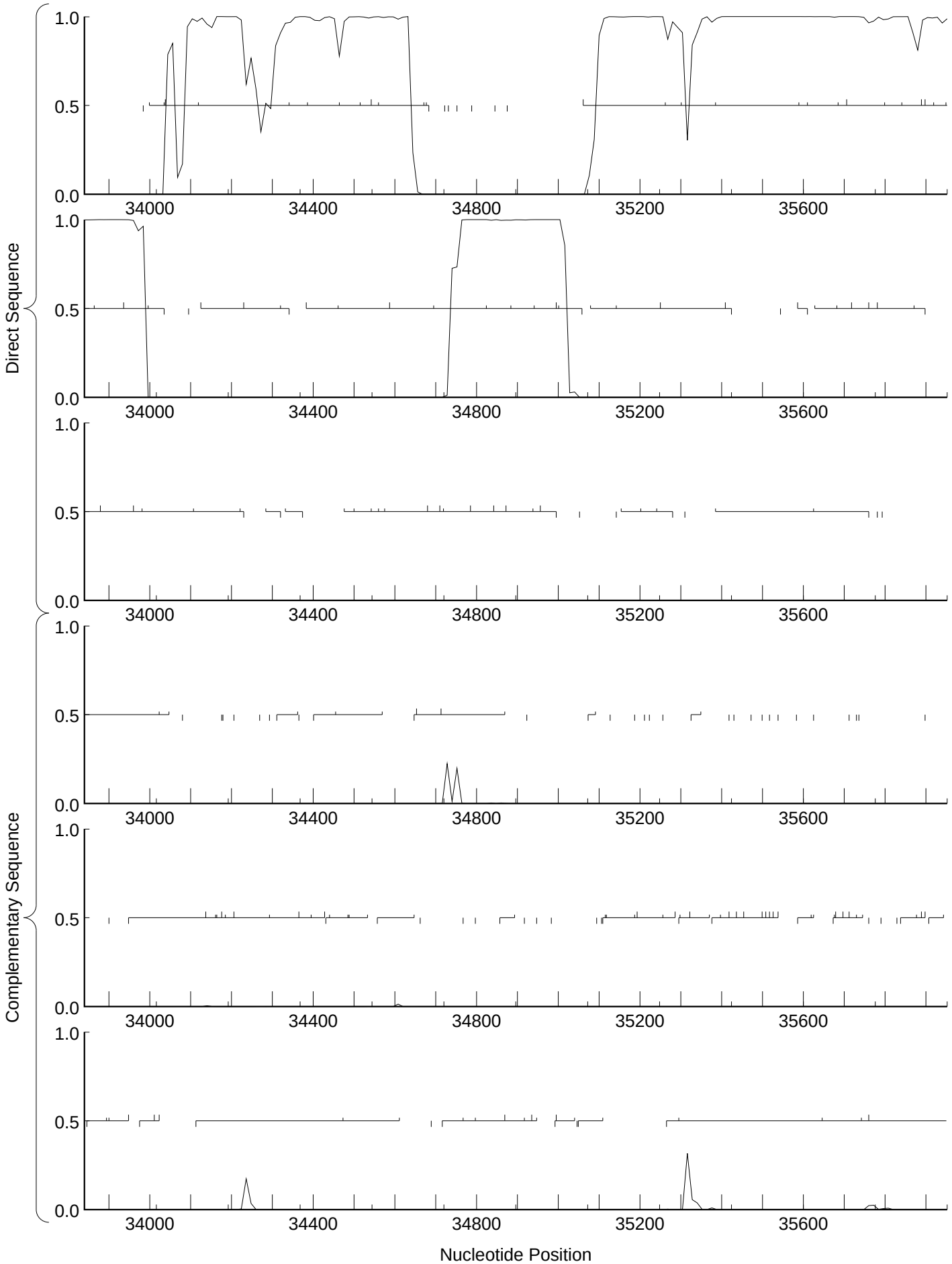

Direct Sequence
Complementary Sequence
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0.5
0.0
25600
26000
26400
26800
27200
Nucleotide Position

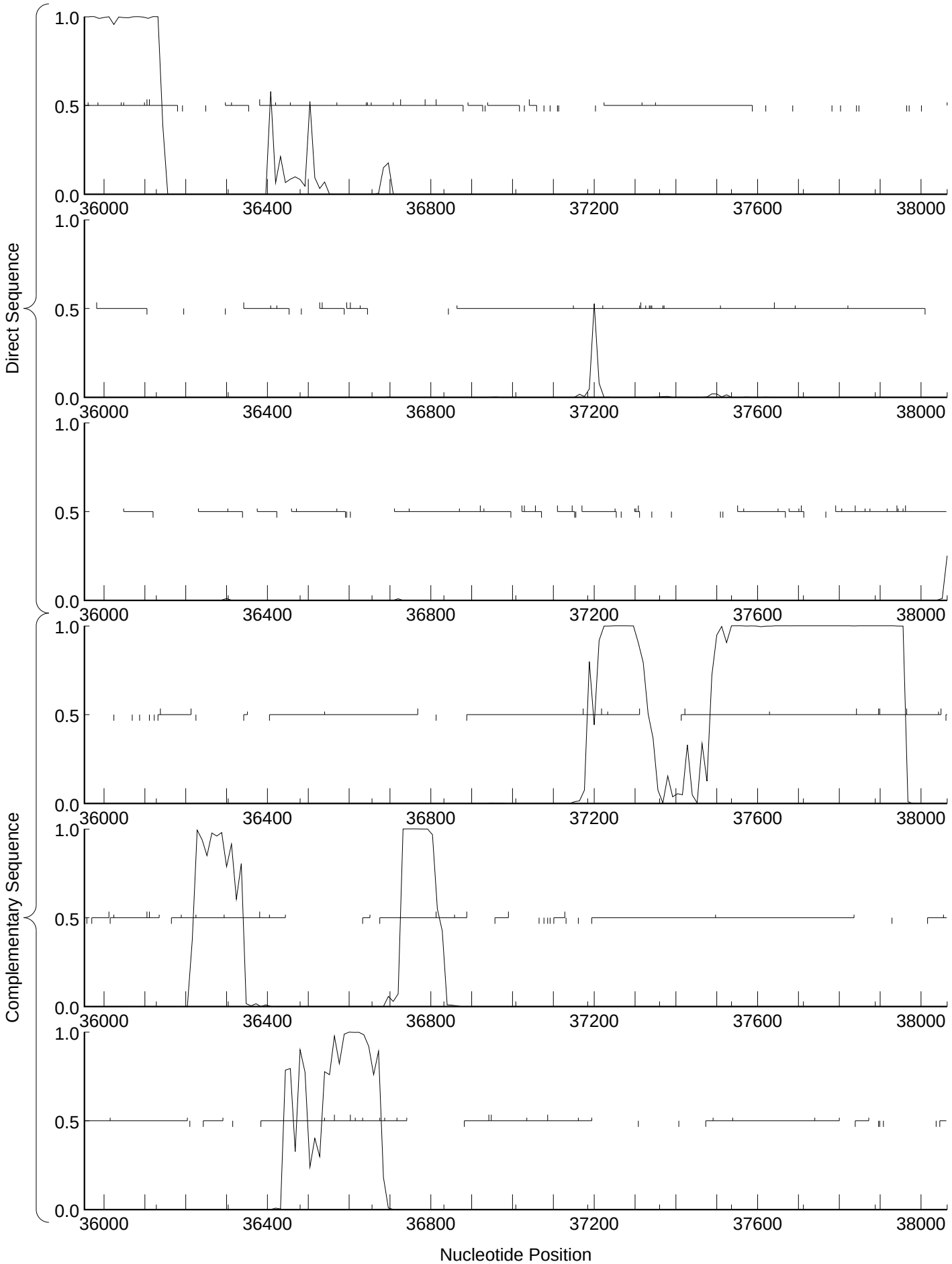
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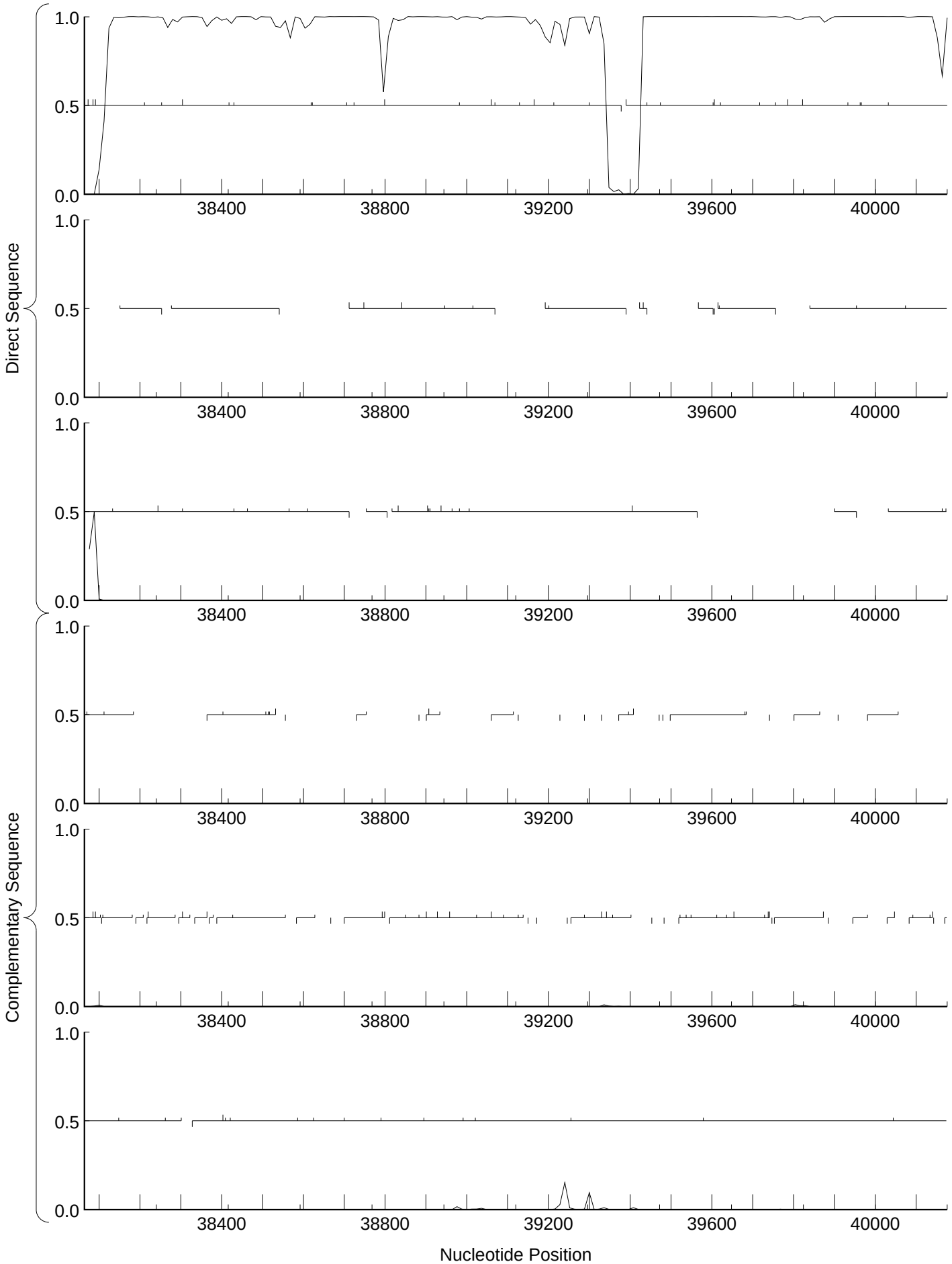


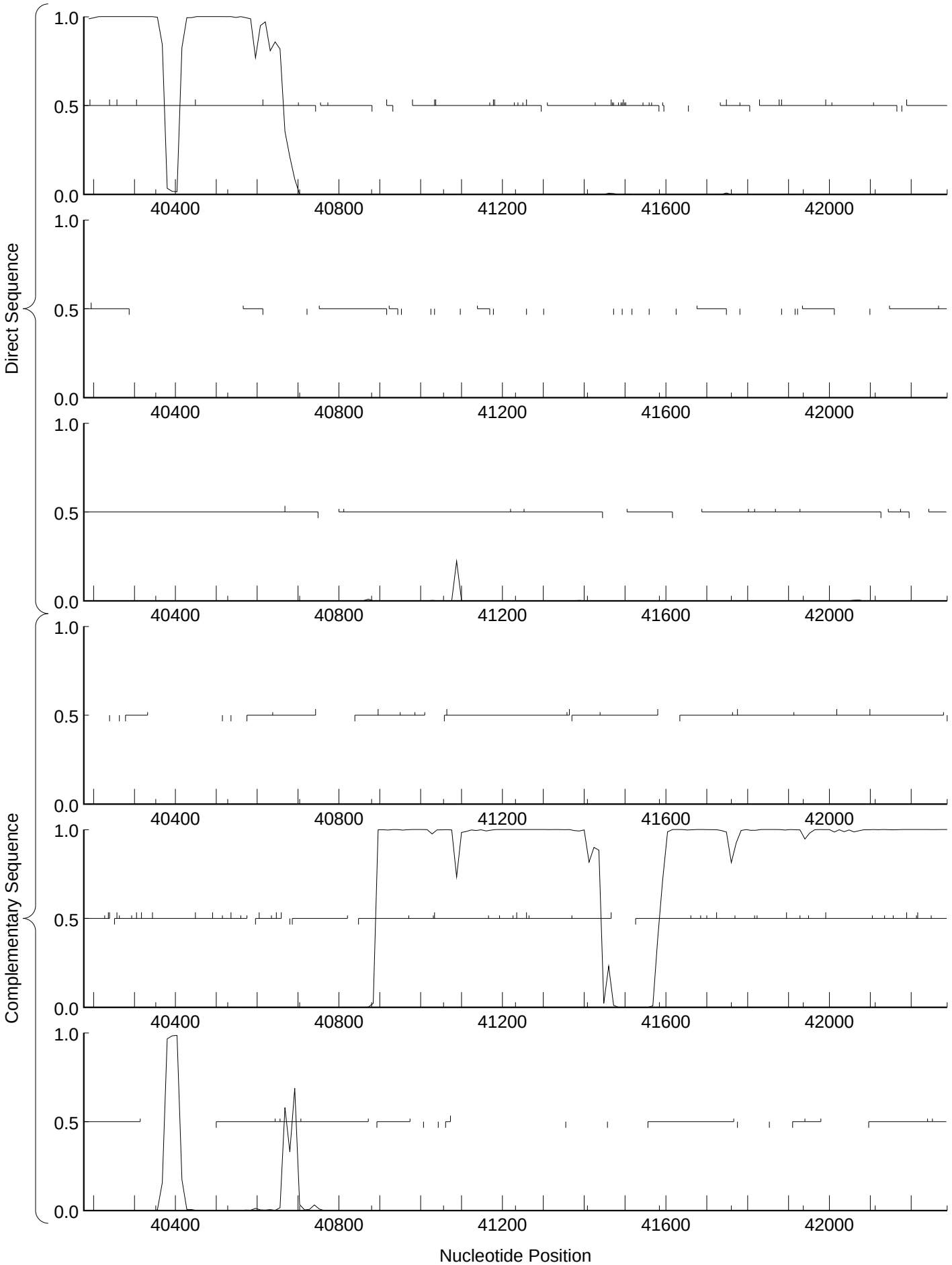

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Complementary Sequence
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0.0
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30800
31200
31600
Nucleotide Position

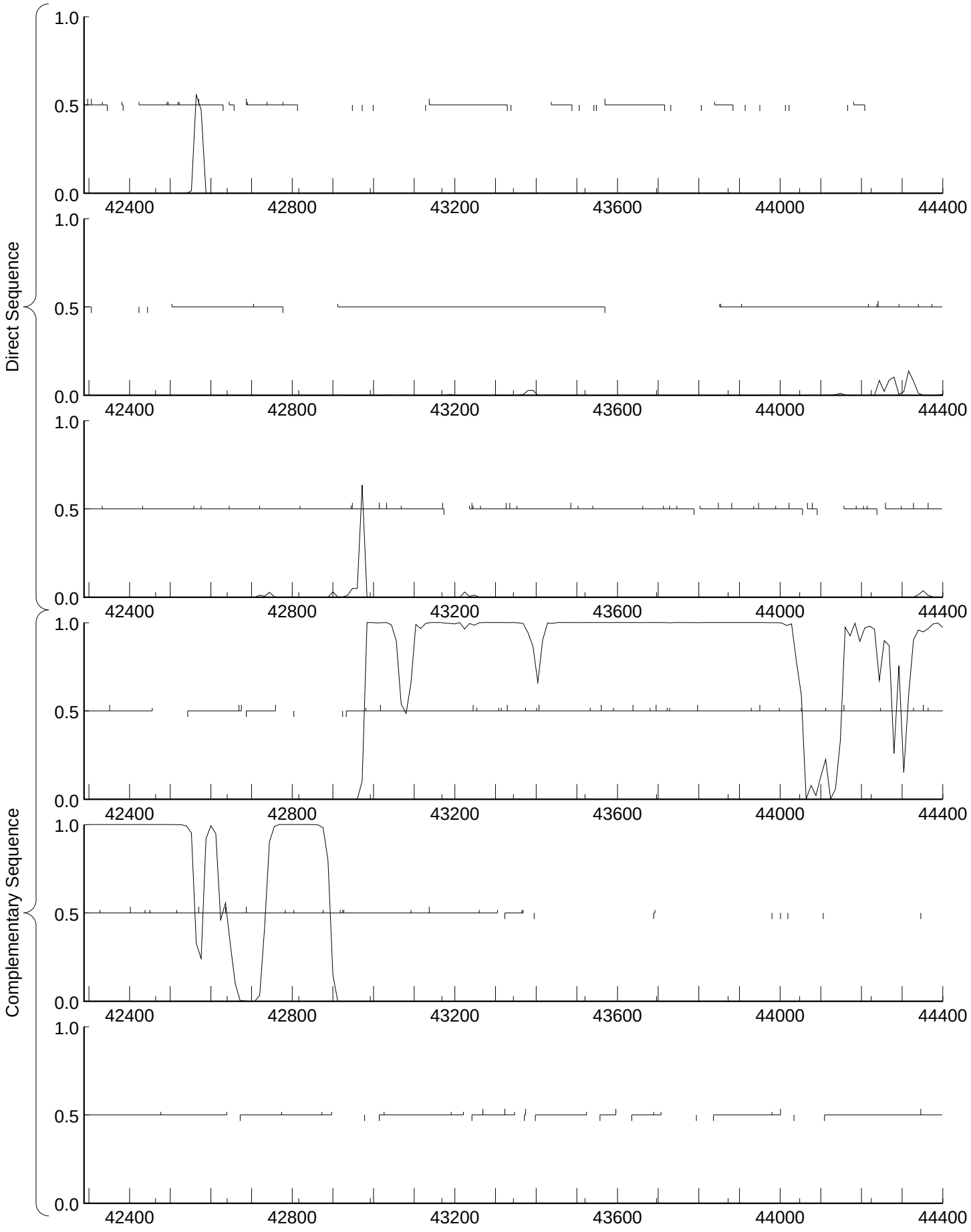

Direct Sequence
Complementary Sequence
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0.0
32000
32400
32800
33200
33600
Nucleotide Position

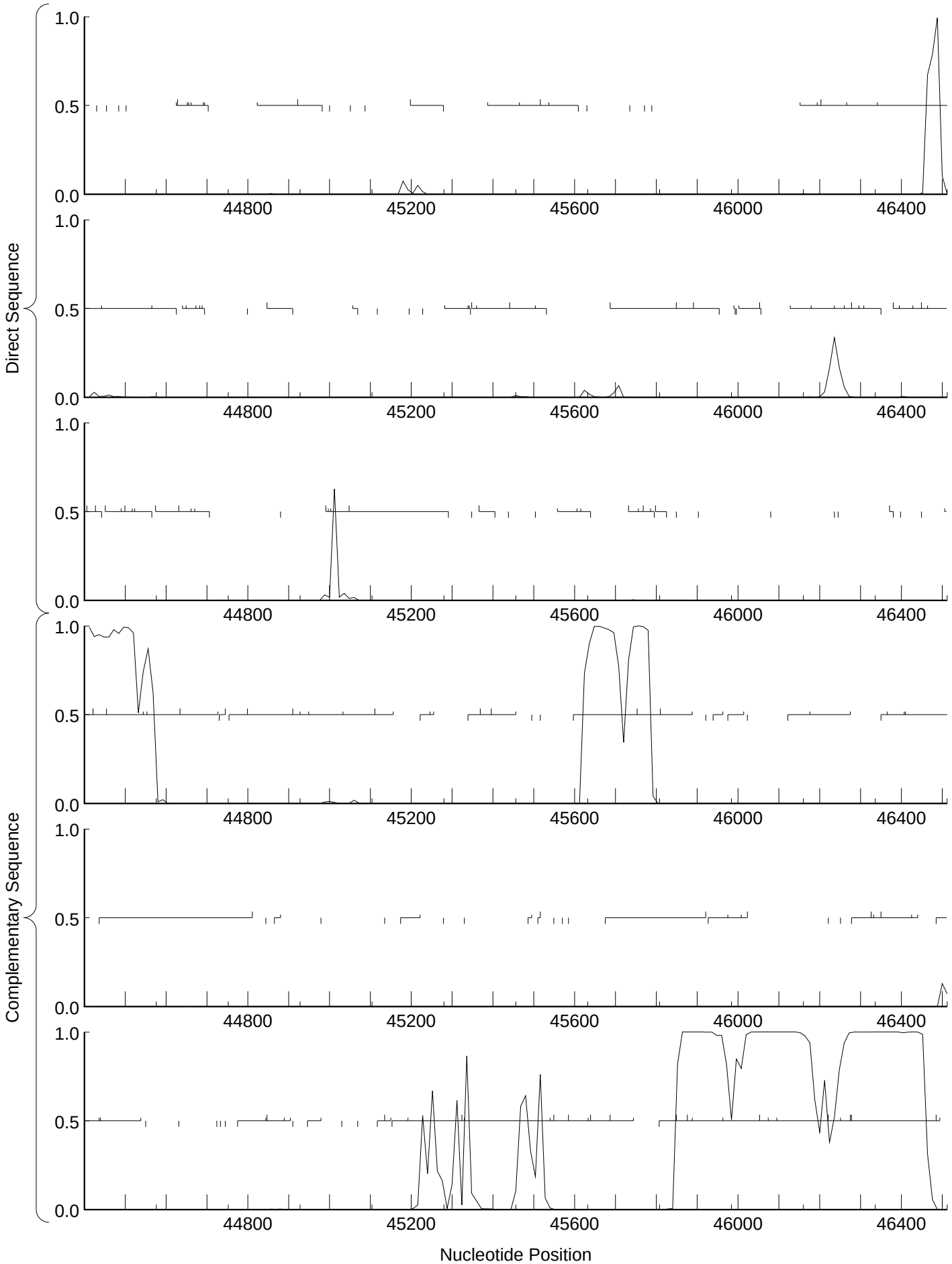

Direct Sequence
Complementary Sequence
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0.5
0.0
34000
34400
34800
35200
35600
Nucleotide Position

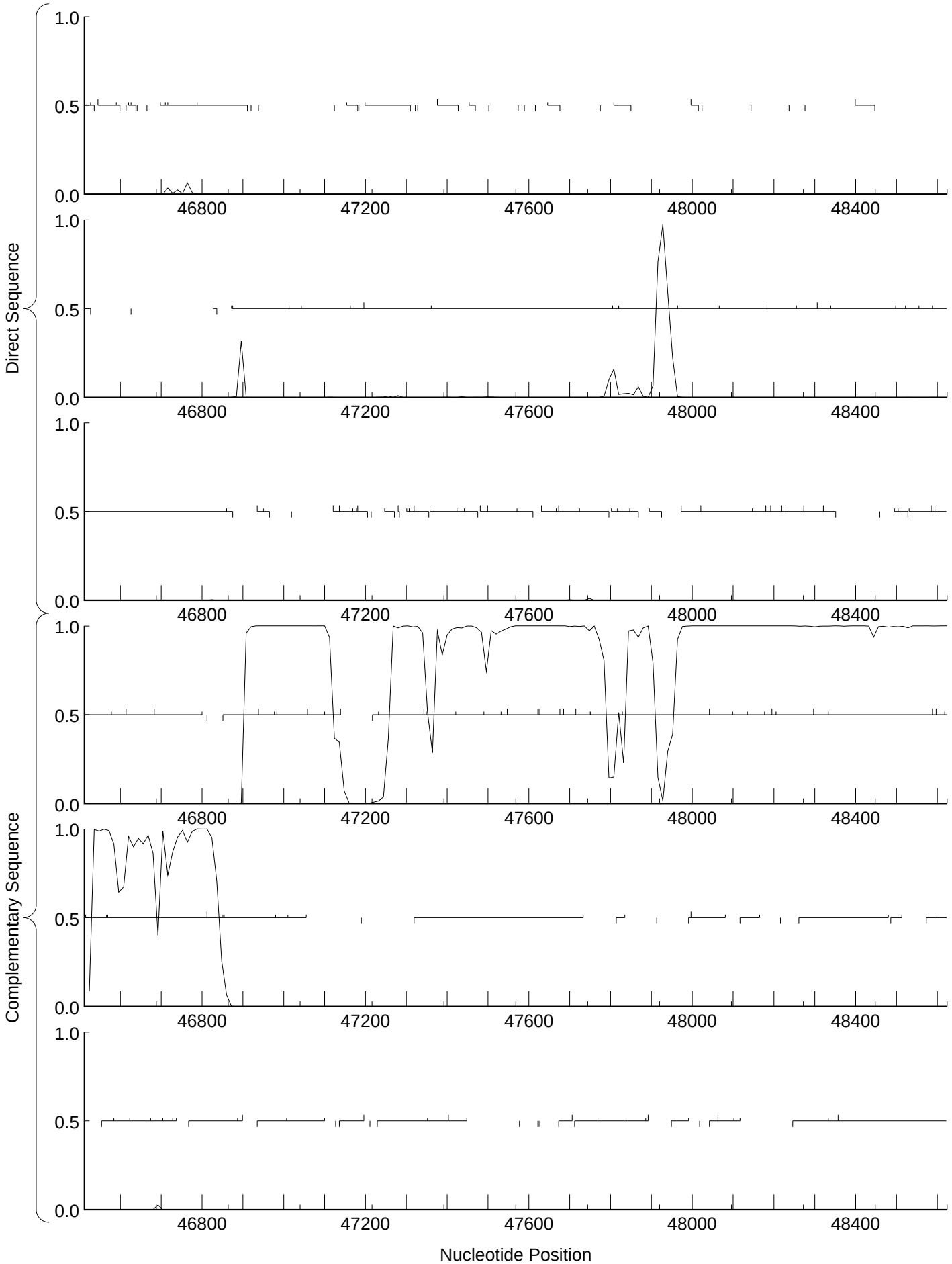

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Complementary Sequence
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0.0
36000
36400
36800
37200
37600
38000
Nucleotide Position

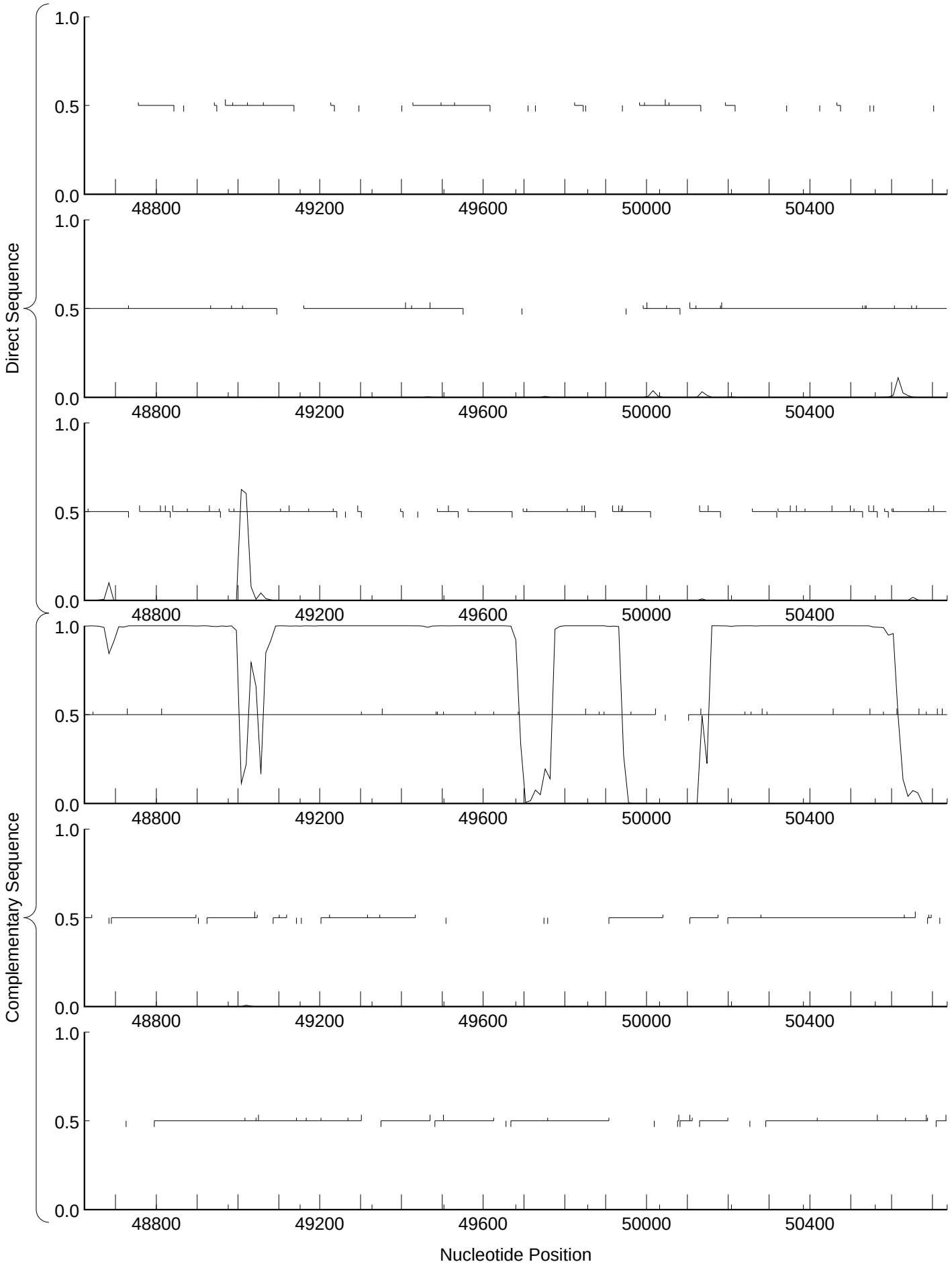

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Complementary Sequence
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0.0
38400
38800
39200
39600
40000
Nucleotide Position

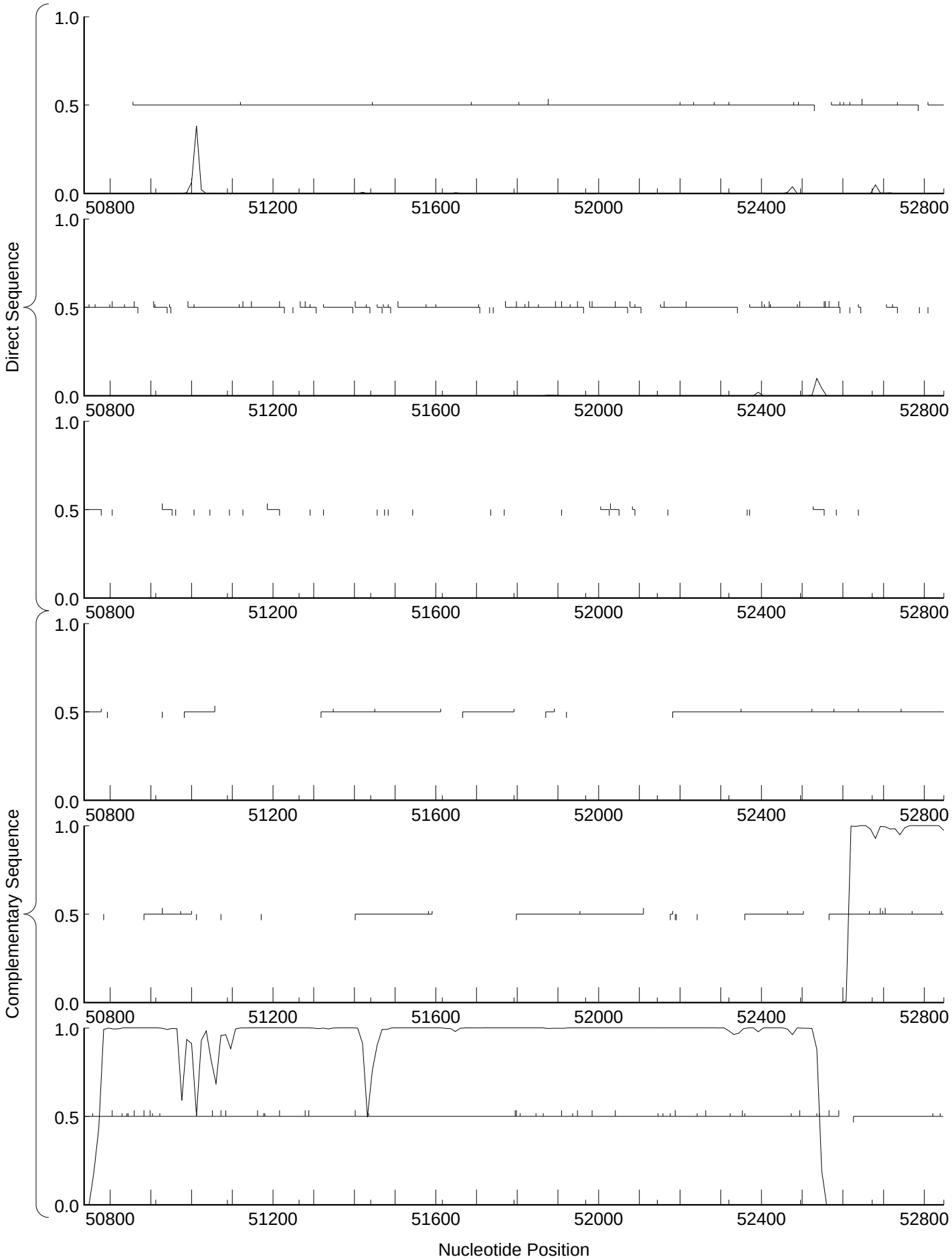

Direct Sequence
Complementary Sequence
1.0
0.5
0.0
40400
40800
41200
41600
42000
Nucleotide Position


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

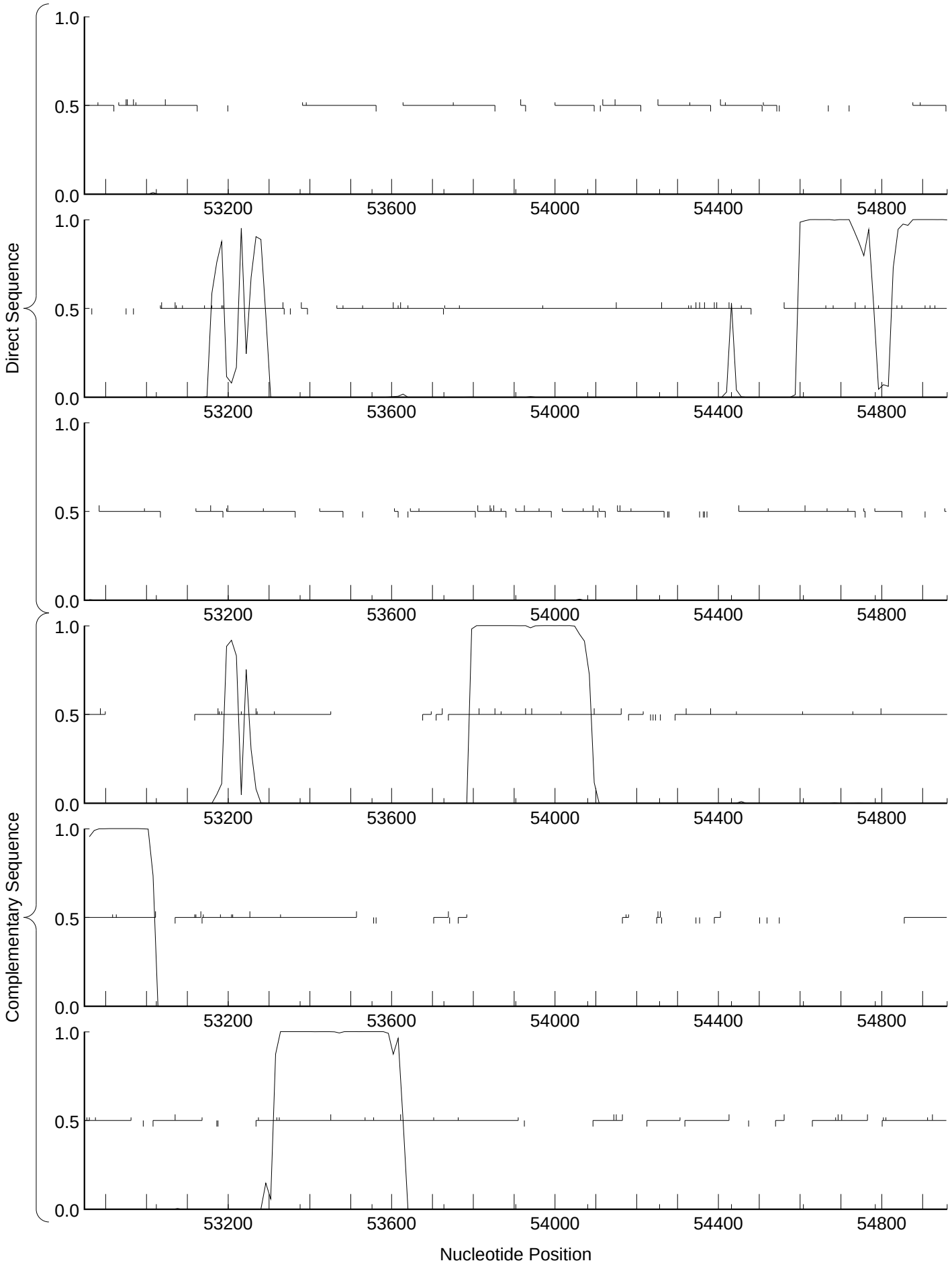

Direct Sequence
Complementary Sequence
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0.0
44800
45200
45600
46000
46400
Nucleotide Position

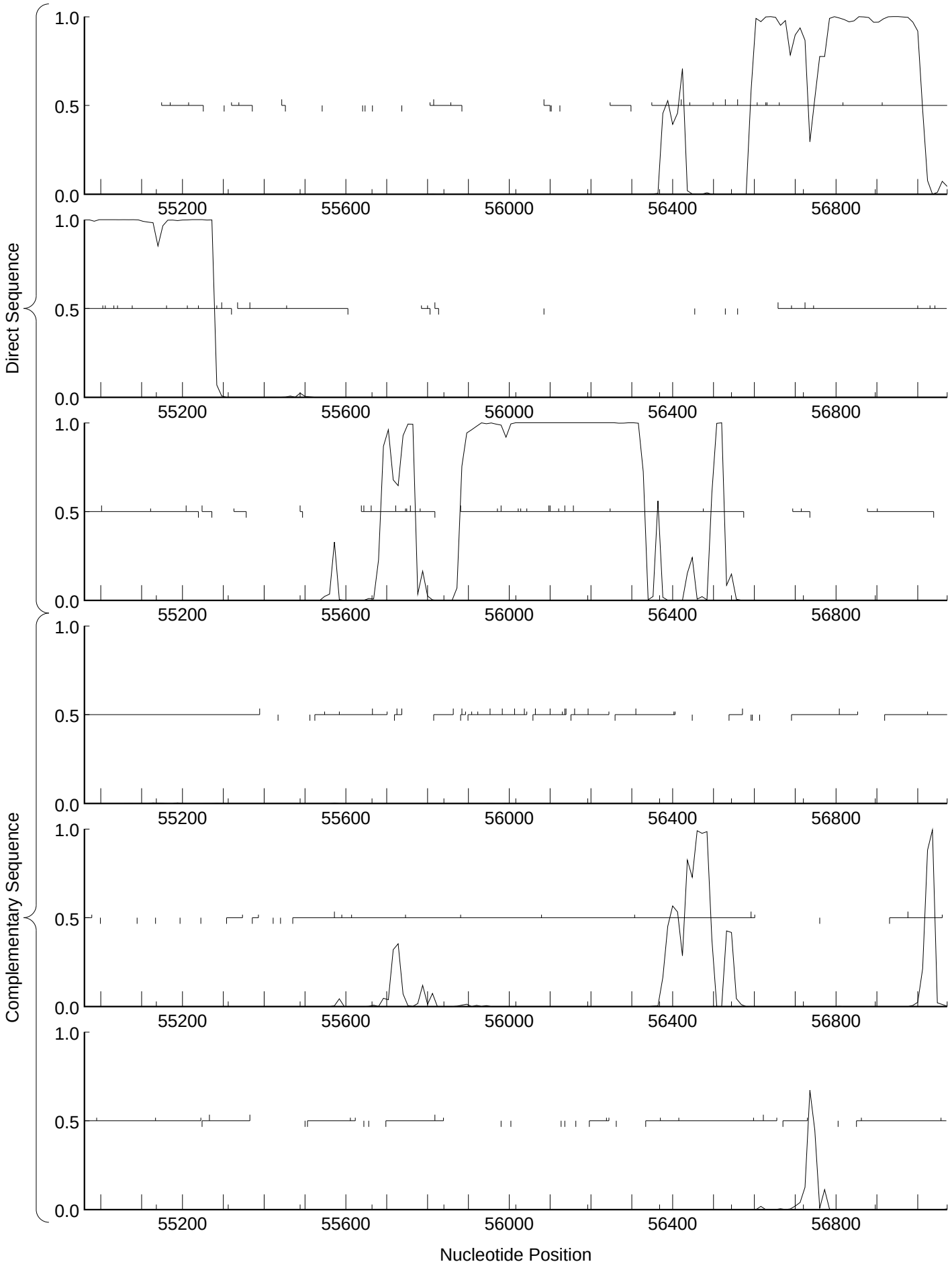

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Complementary Sequence
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0.0
46800
47200
47600
48000
48400
Nucleotide Position

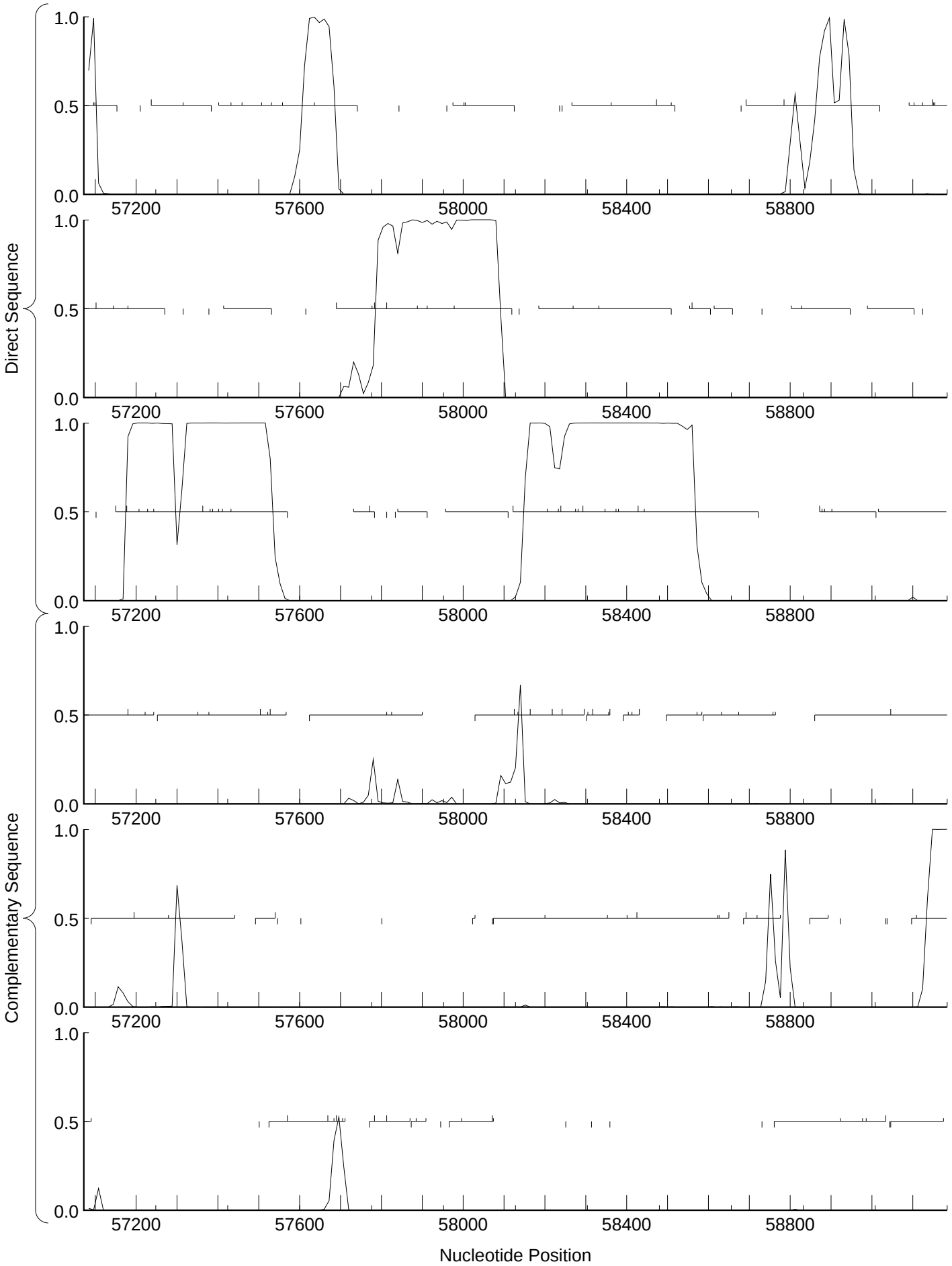

Direct Sequence
Complementary Sequence
1.0
0.5
0.0
48800
49200
49600
50000
50400
Nucleotide Position


Direct Sequence
Complementary Sequence
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50800
51200
51600
52000
52400
52800
Nucleotide Position

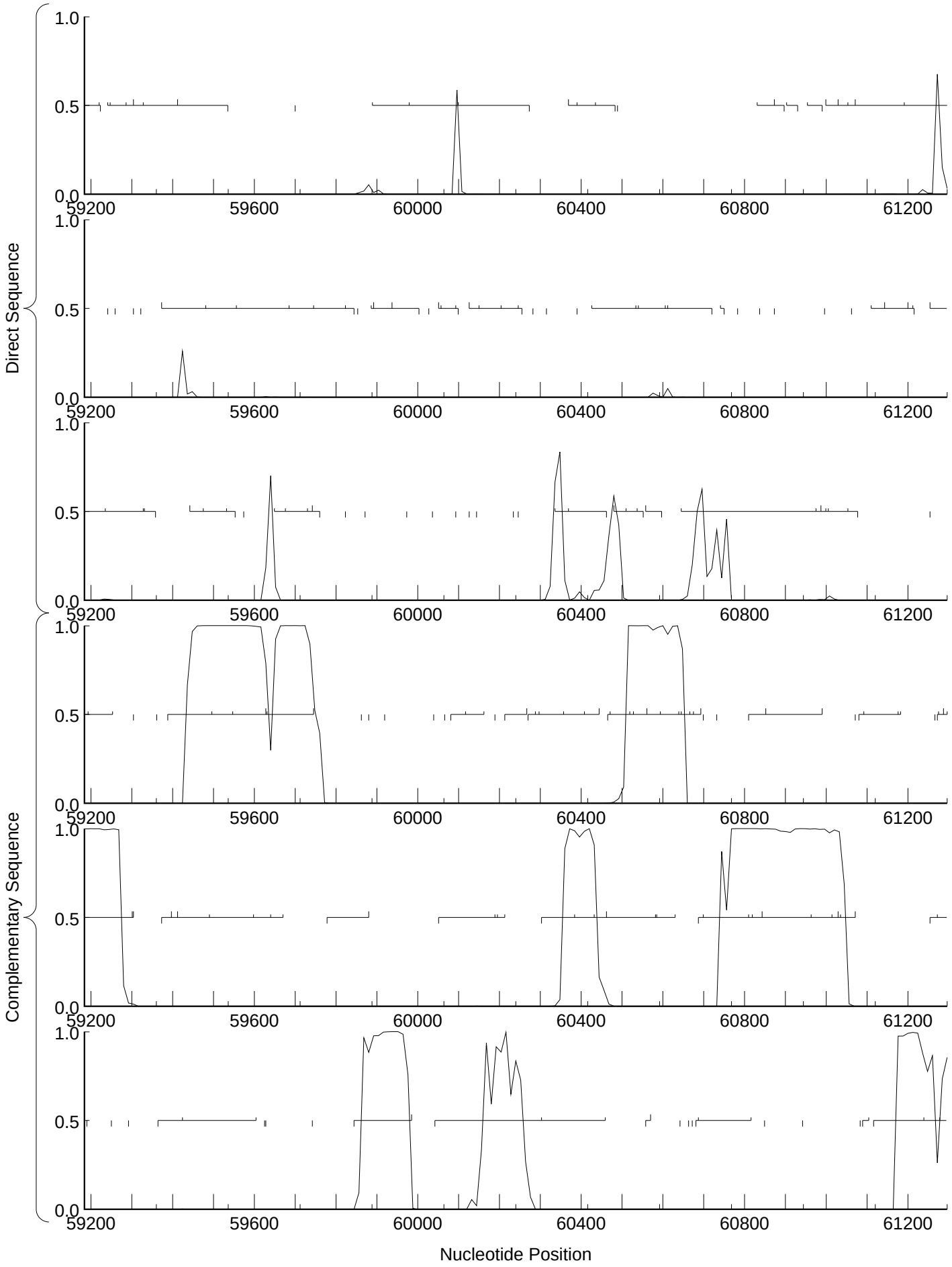
bacterium phage Vaticameos complete sequence, 66887 bp, circularly permuted, Cluster B1, Order 4, Window 96, Step 12, 27/33



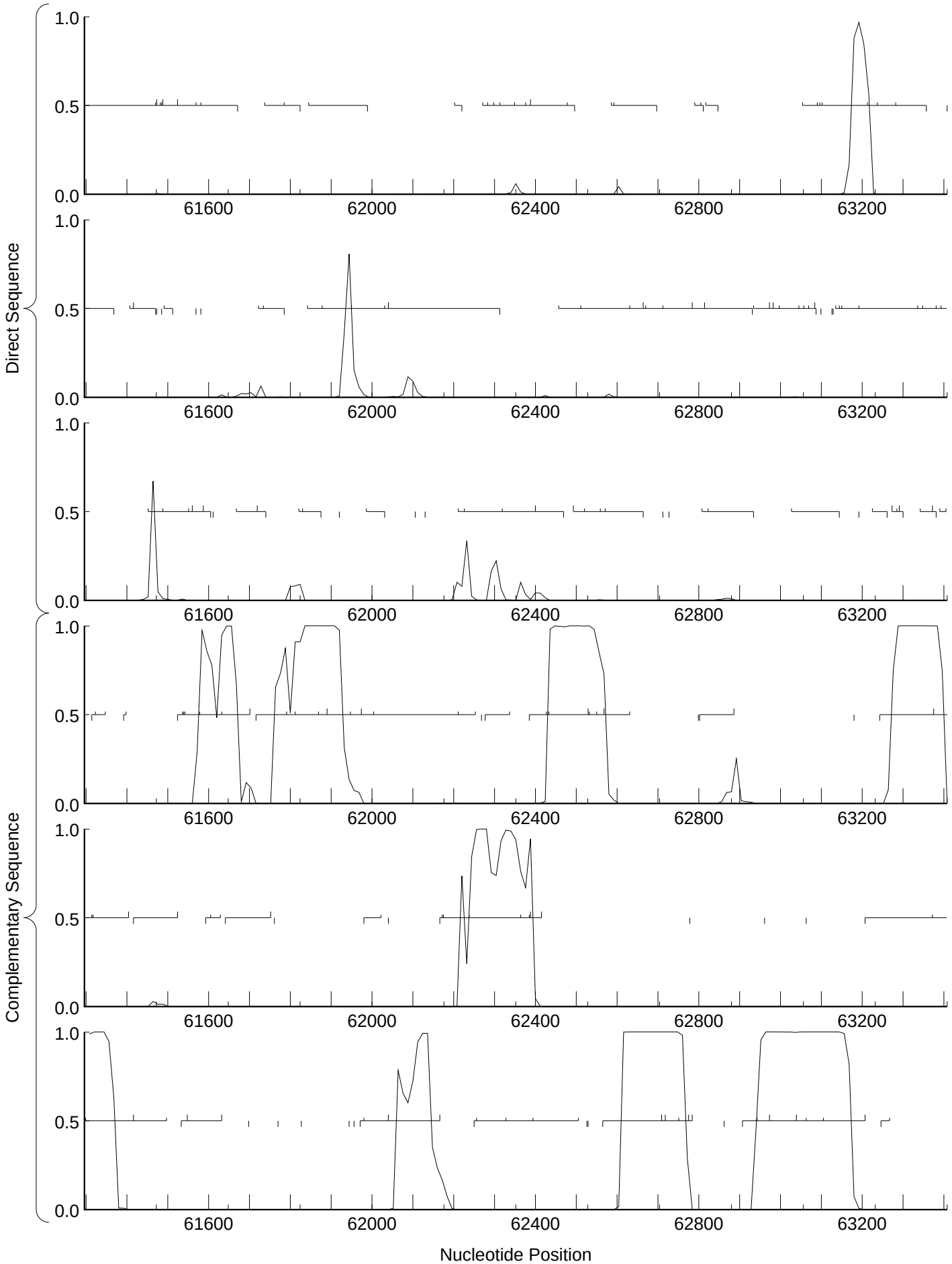

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Complementary Sequence
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Nucleotide Position

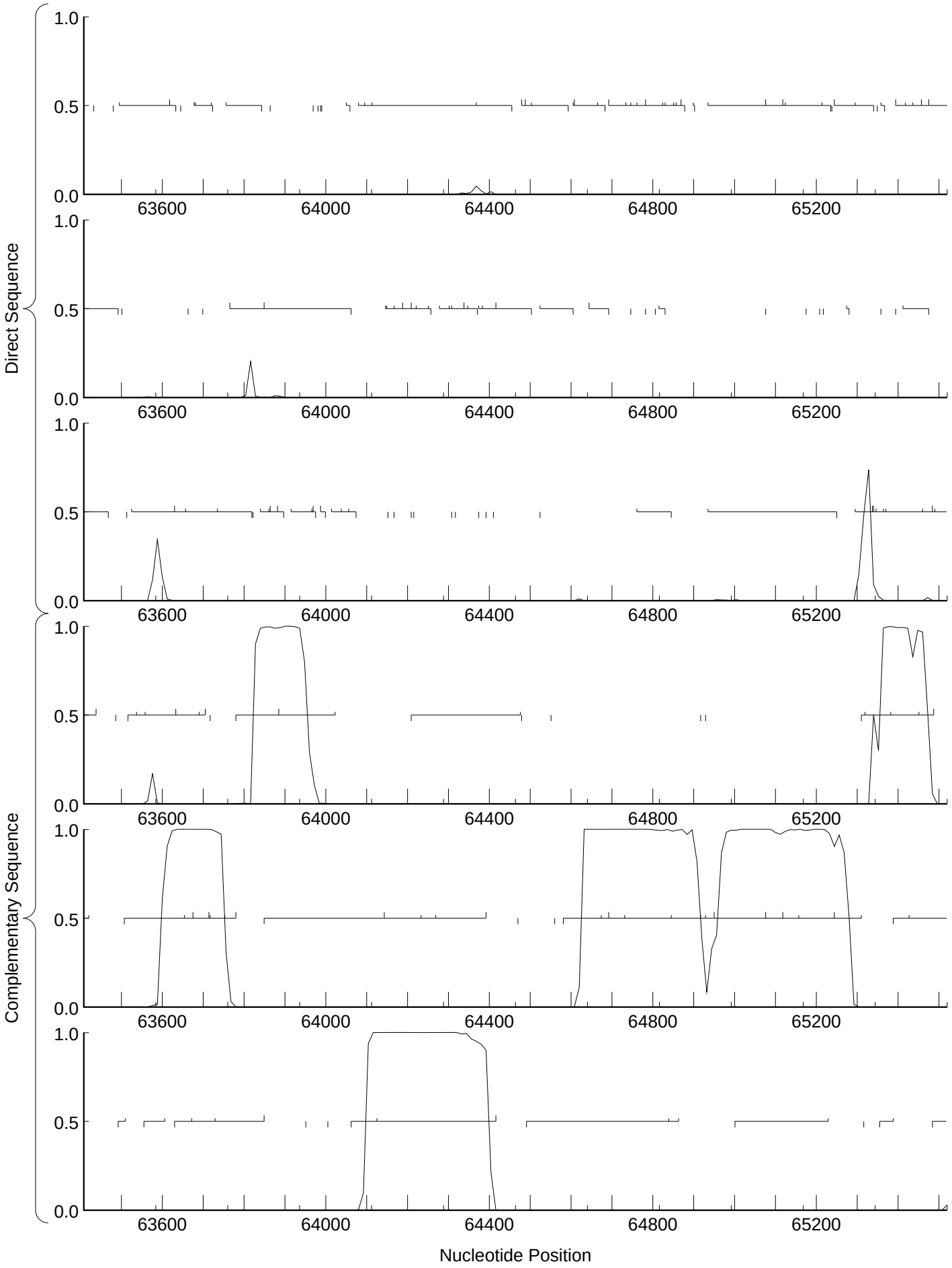

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58400
58800
Nucleotide Position

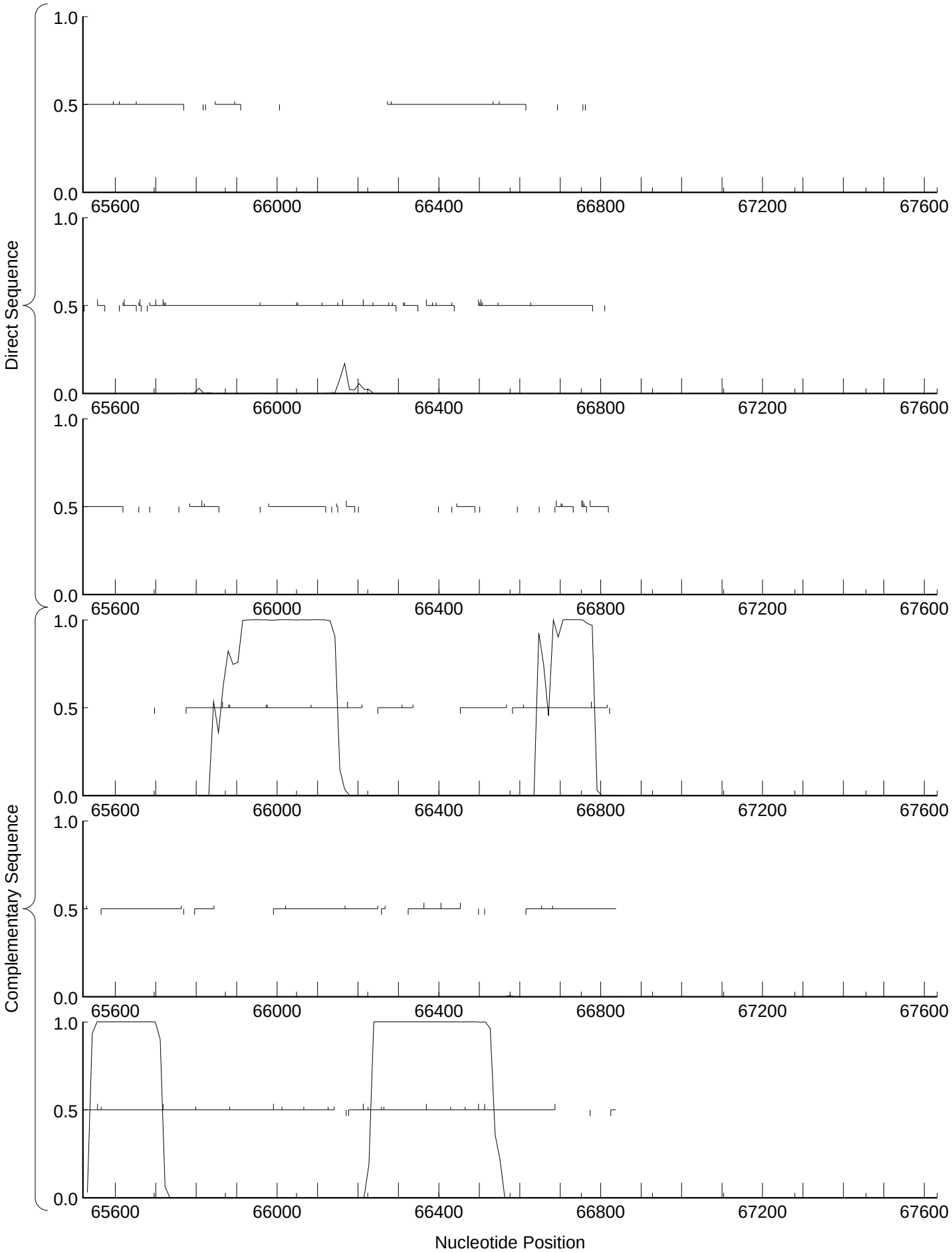
bacterium phage Vaticameos complete sequence, 66887 bp, circularly permuted, Cluster B1, Order 4, Window 96, Step 12, 30/33



bacterium phage Vaticameos complete sequence, 66887 bp, circularly permuted, Cluster B1, Order 4, Window 96, Step 12, 31/33




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