# GeneMark

*Version 2.5p (09.08.06)* 

## PROGRAM INFORMATION

```
Sequence         :  Mycobacterium phage Rutherferd complete sequence, 52364 bp including 10-base 3' overhang (C
Analysis Date    :  3/28/24 at 8:55:09
Pages            :  26
Sequence Length  :  52364 bp
GC Content       :   63.75%

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 notes & comments

```
Training set derived by GeneMarkS, 4.27 September 2014
Tue Sep 23 15:23:03 2014
```

## MATRIX INFORMATION

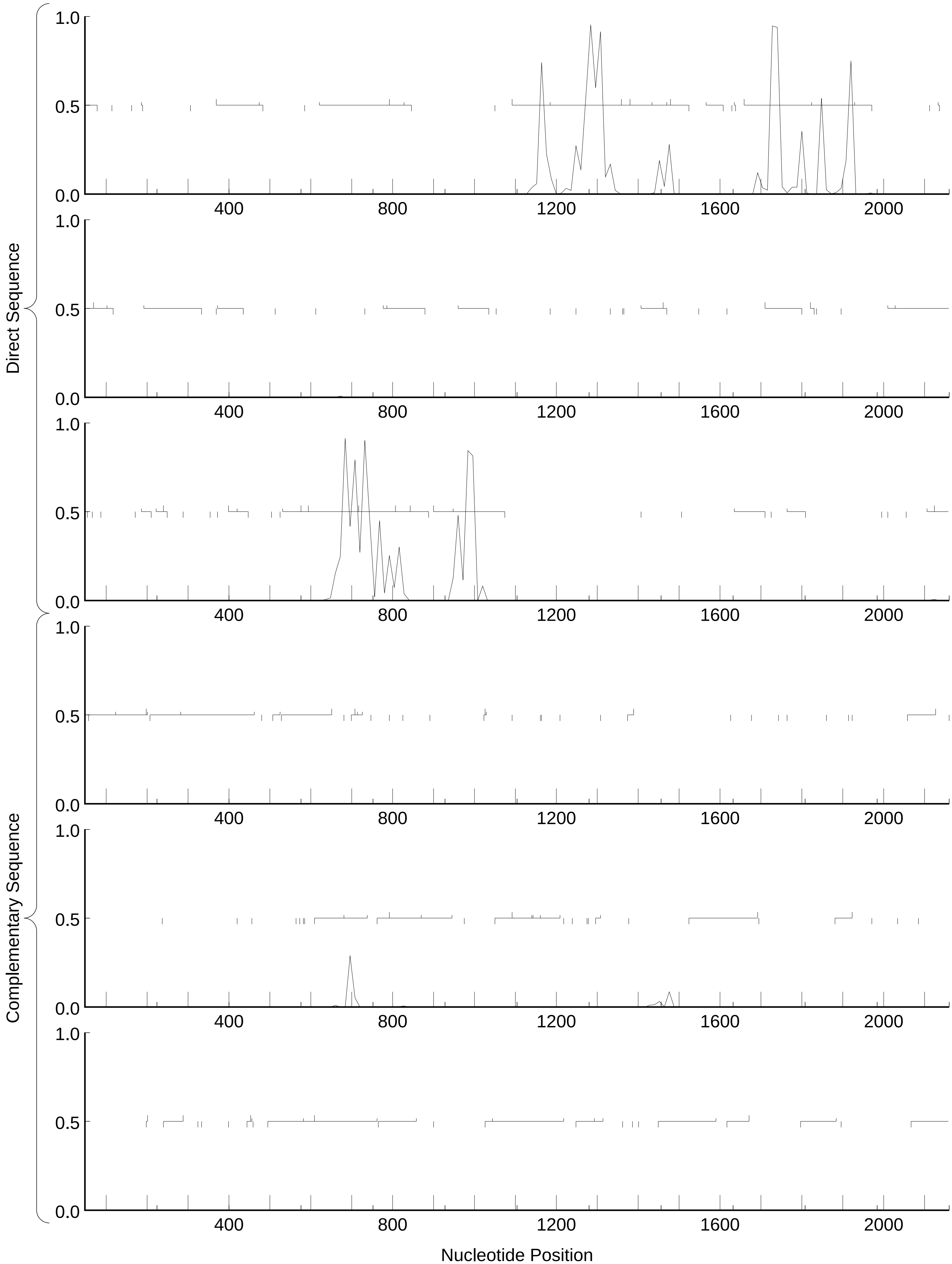
```
Matrix     :  Mycobacterium_smegmatis_MC2_155
Author     :  -

Order      :  4
```

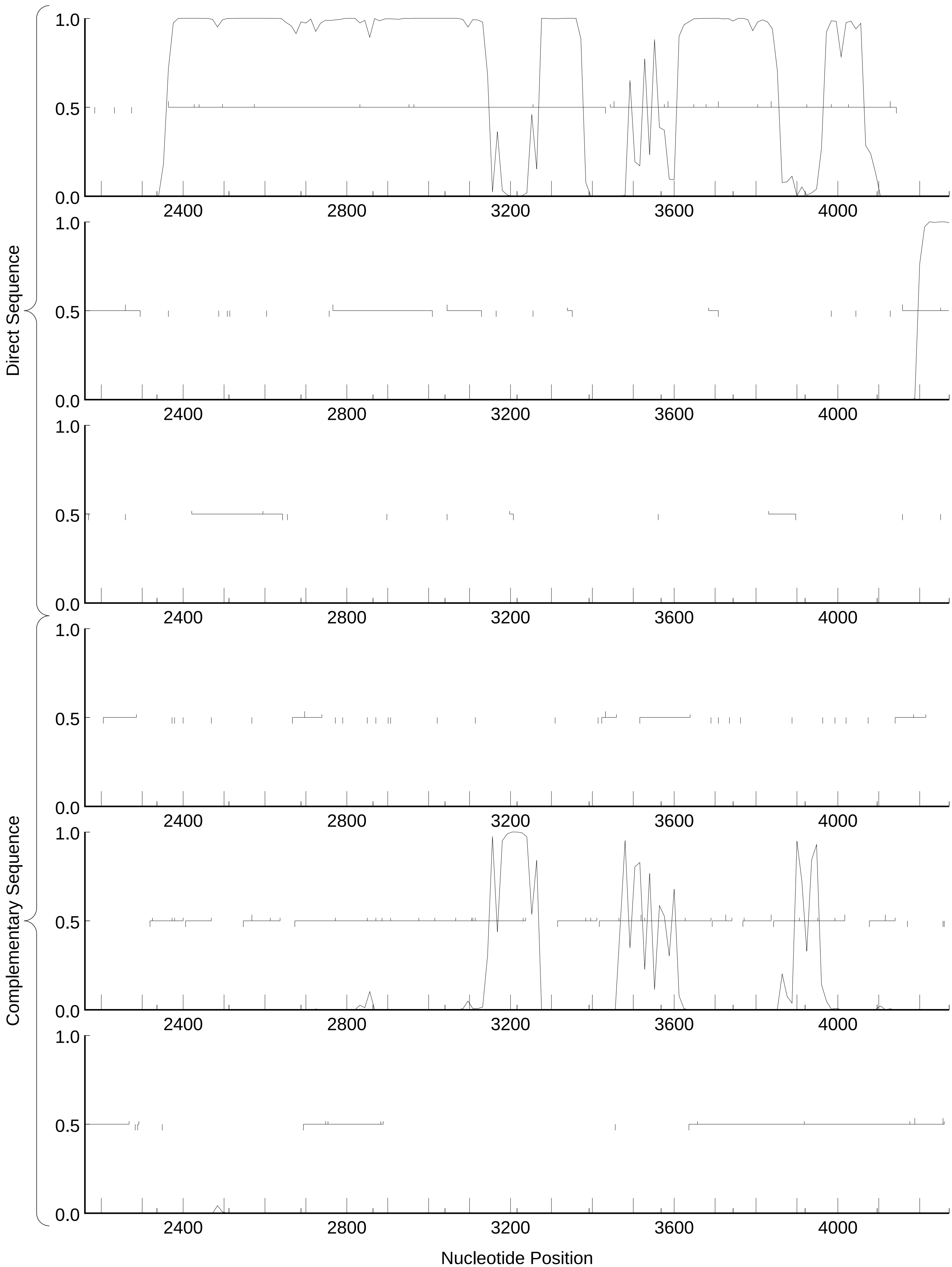
Send questions / comments to:
Dr. M. Borodovsky
Georgia Institute of Technology
School of Biology
Atlanta, GA 30332-0230

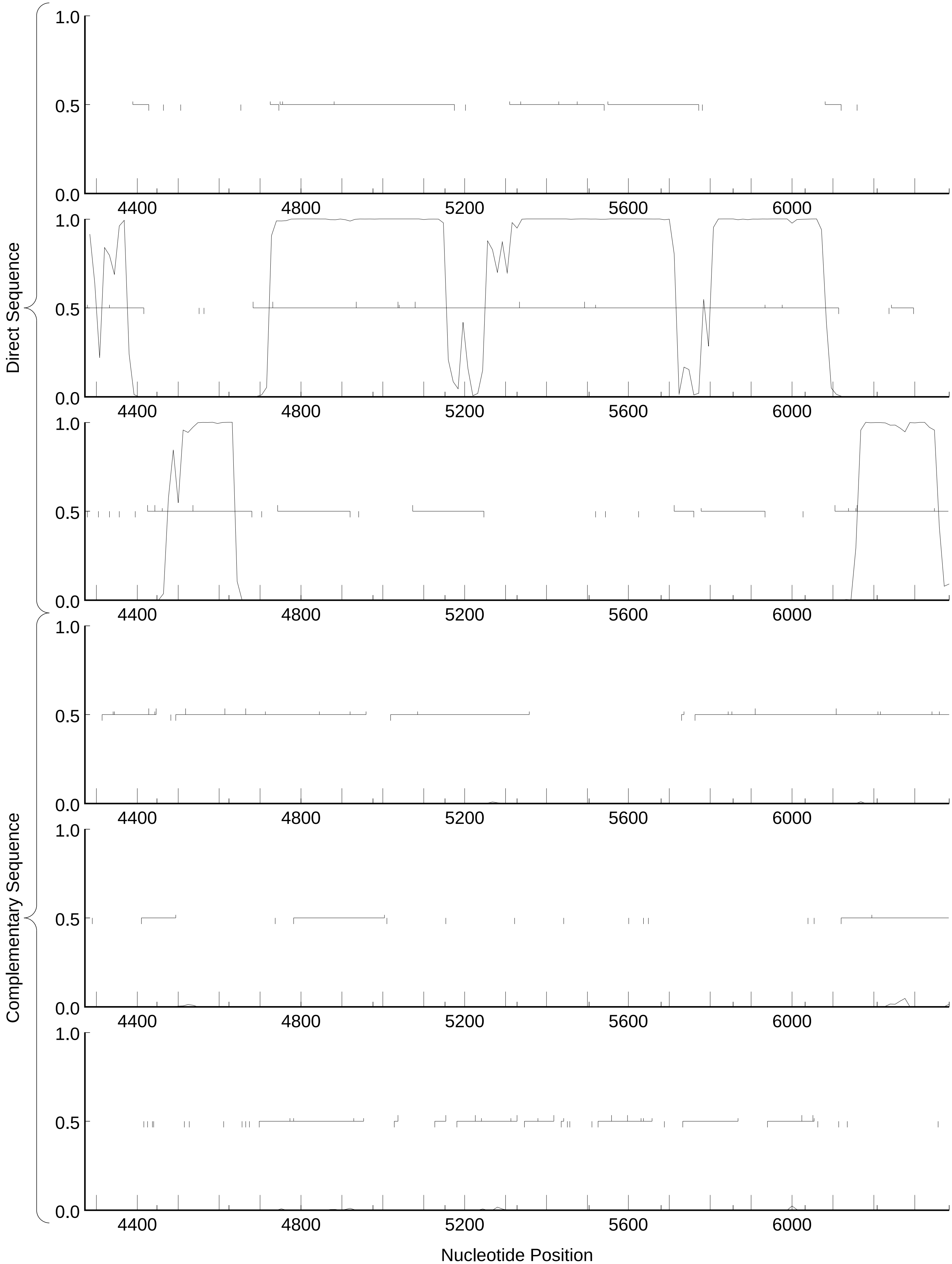
*For help or information, send electronic mail to: custserv@genepro.com, or mark@amber.biology.gatech.edu*

rd complete sequence, 52364 bp including 10-base 3’ overhang (CGGATGGTAA), Cluster A1, Order 4, Window 96, Step 12, 2/26



rd complete sequence, 52364 bp including 10-base 3’ overhang (CGGATGGTAA), Cluster A1, Order 4, Window 96, Step 12, 3/26

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Complementary Sequence
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0.0
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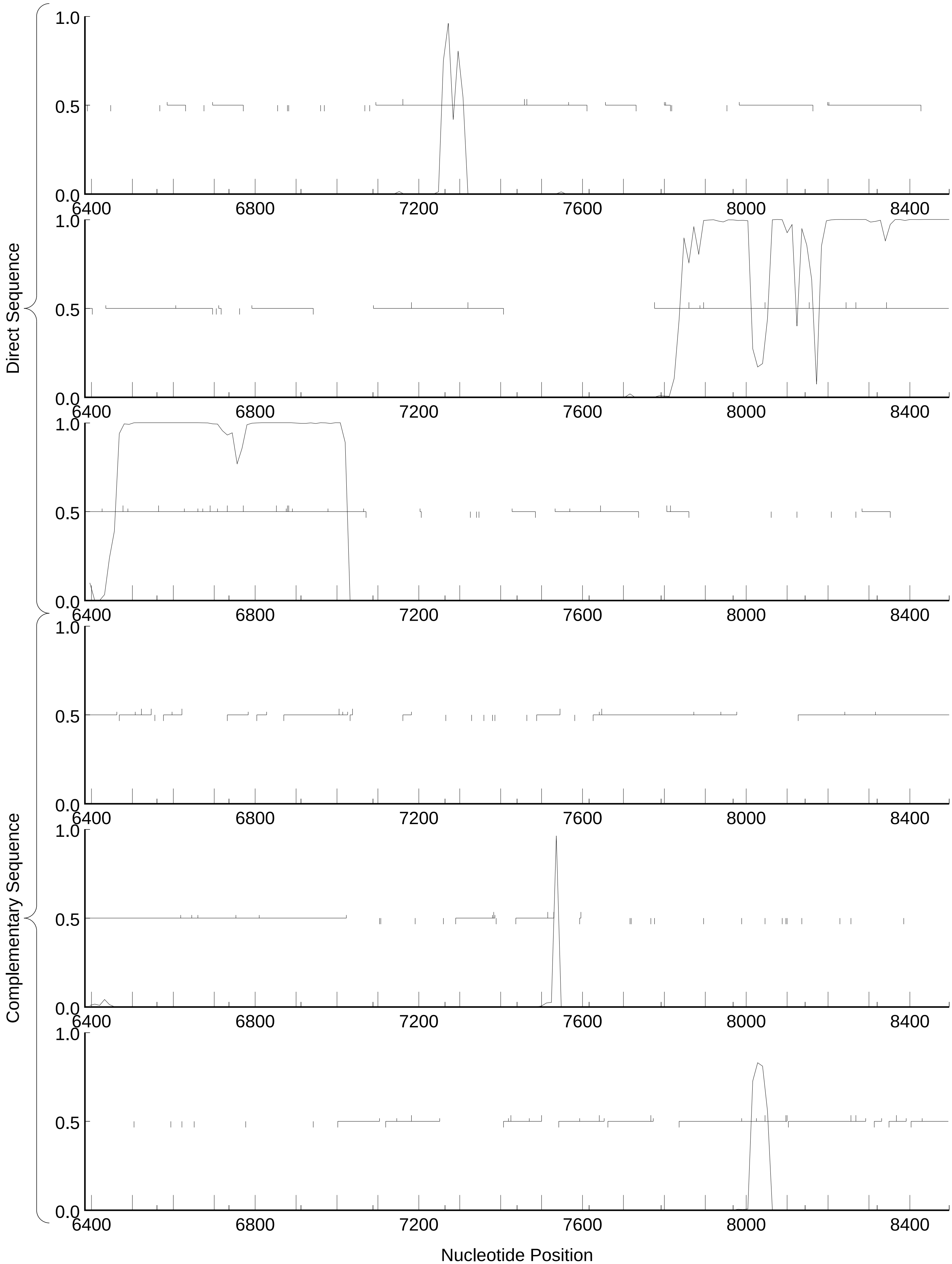
4800
5200
5600
6000
Nucleotide Position



Direct Sequence
Complementary Sequence
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Nucleotide Position

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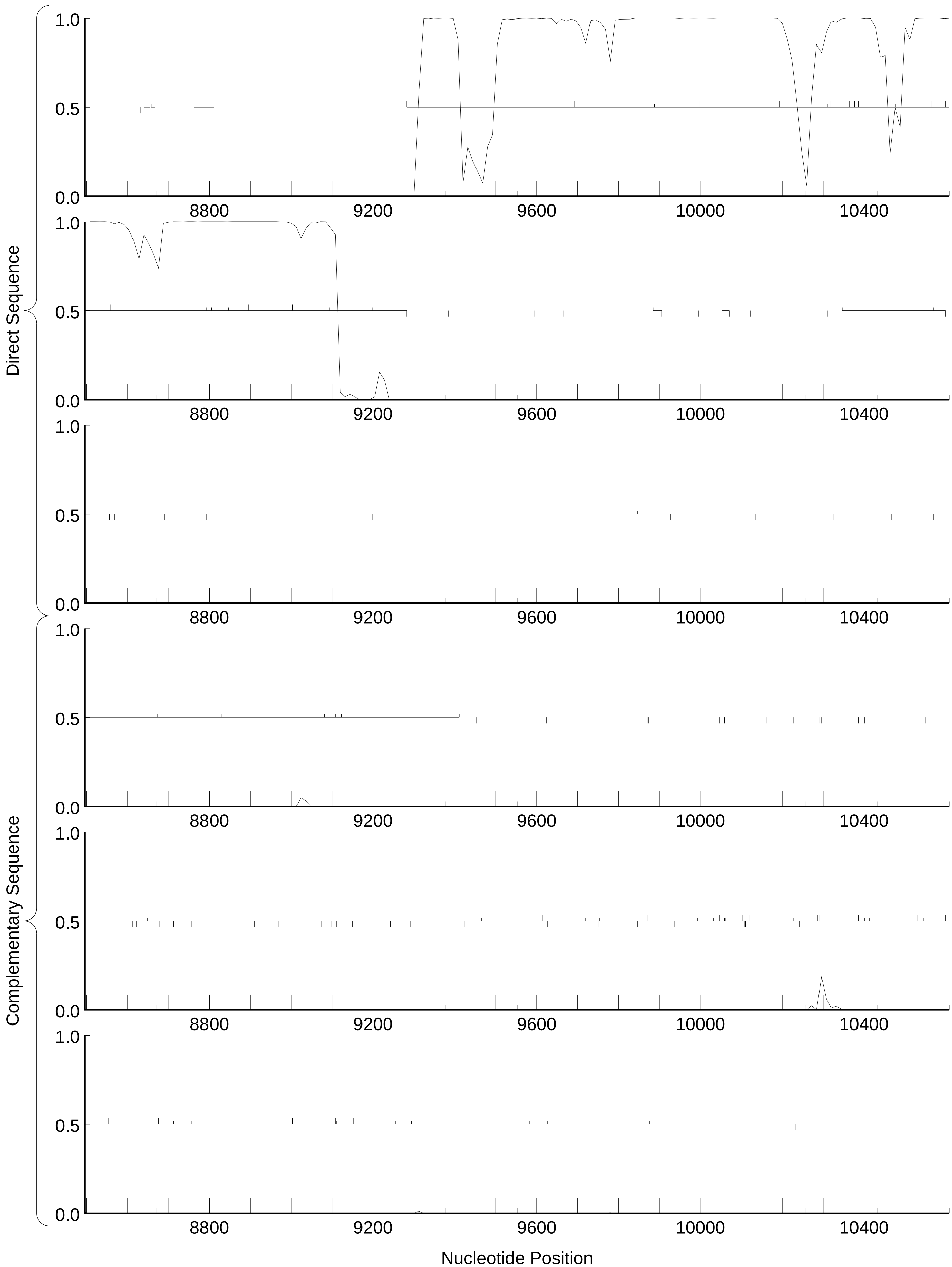

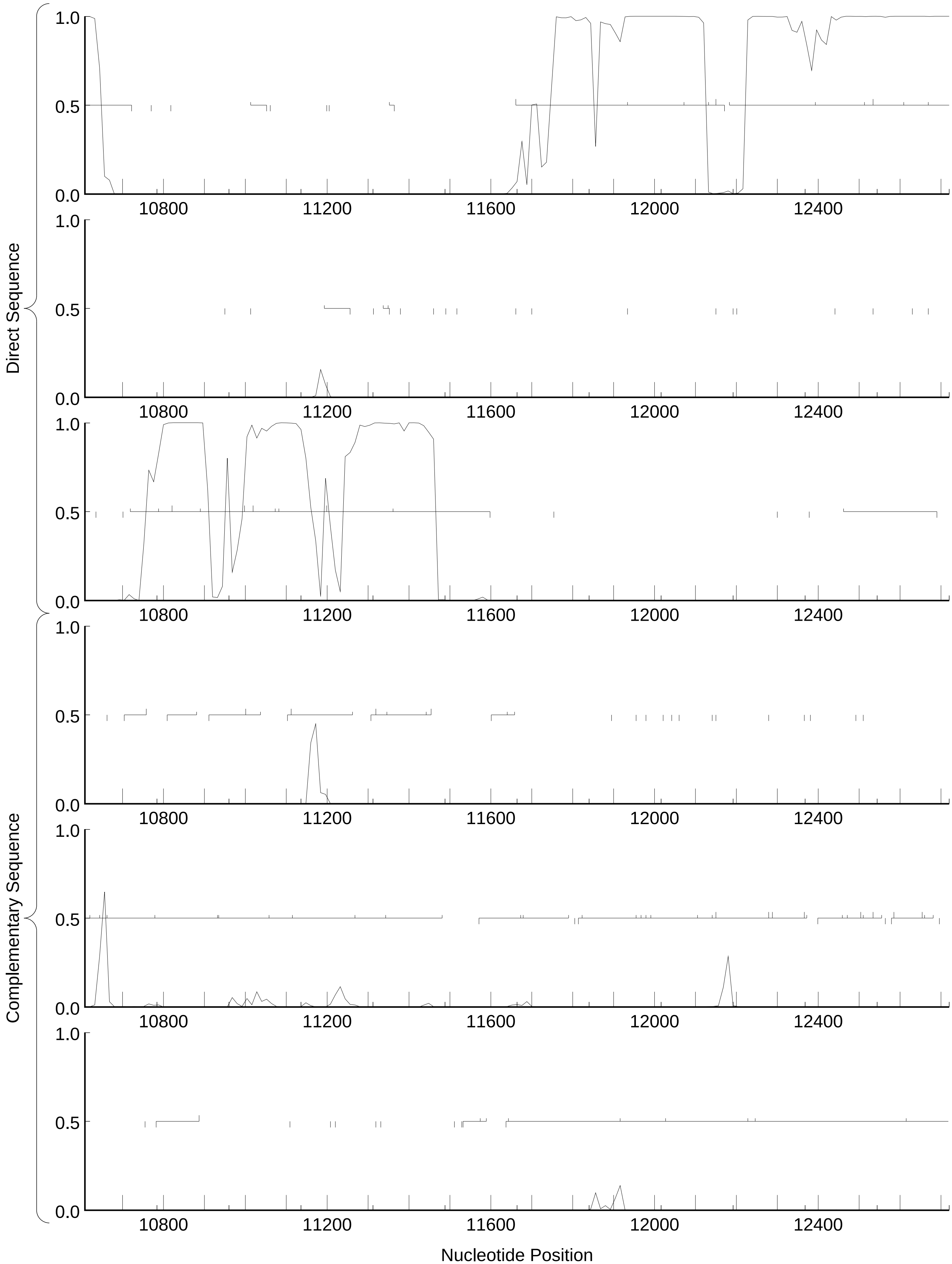
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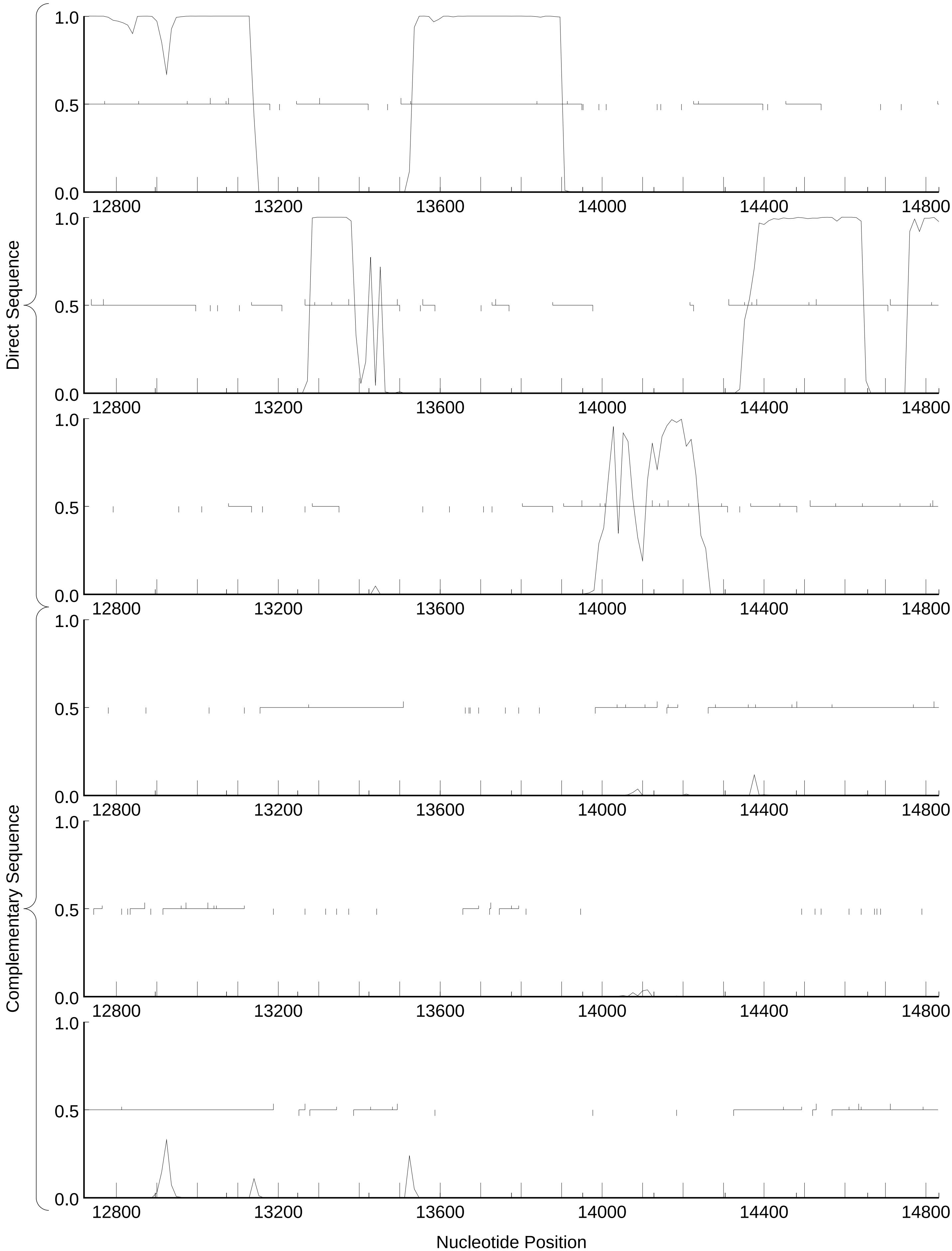
Nucleotide Position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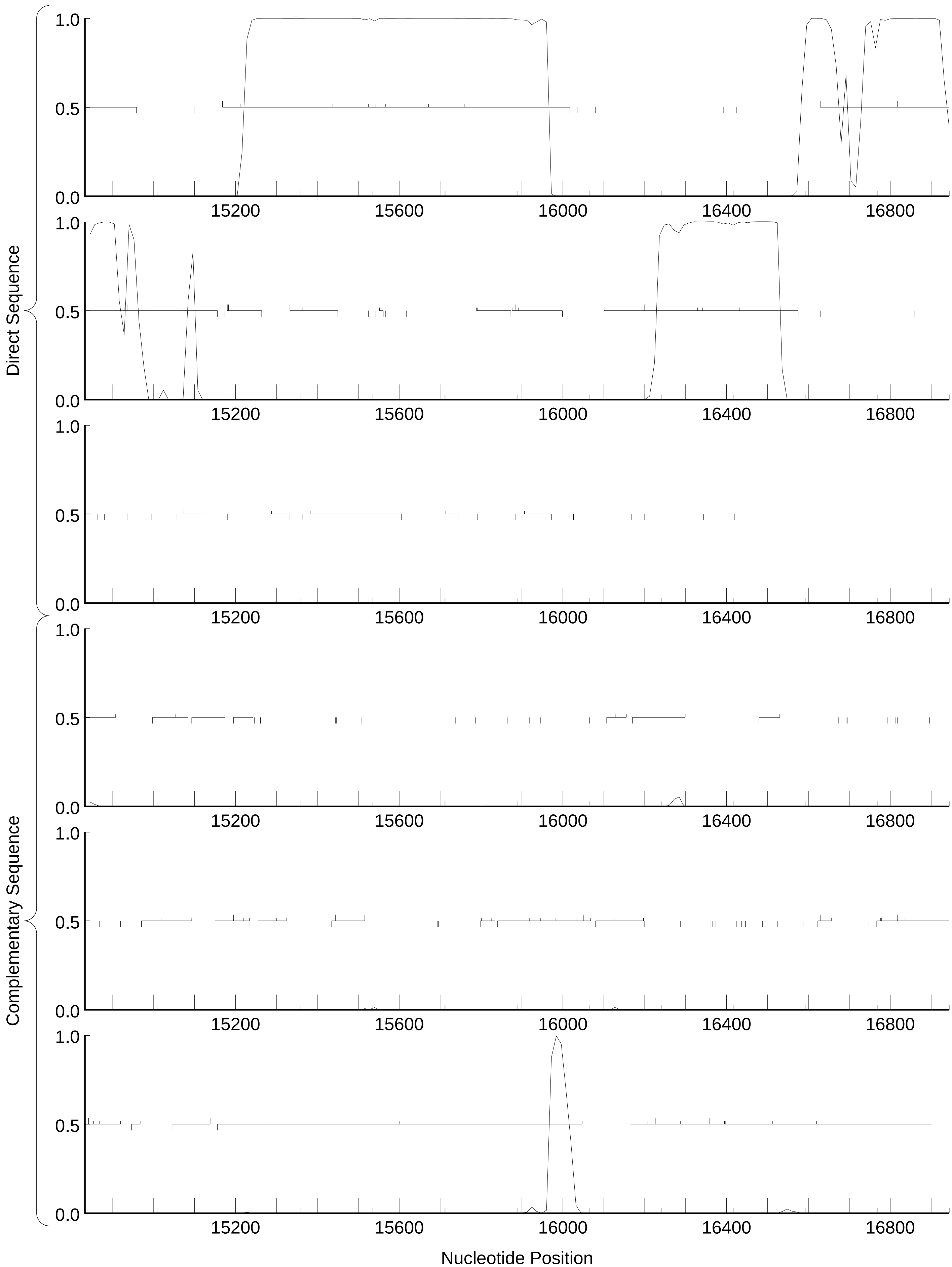
Nucleotide Position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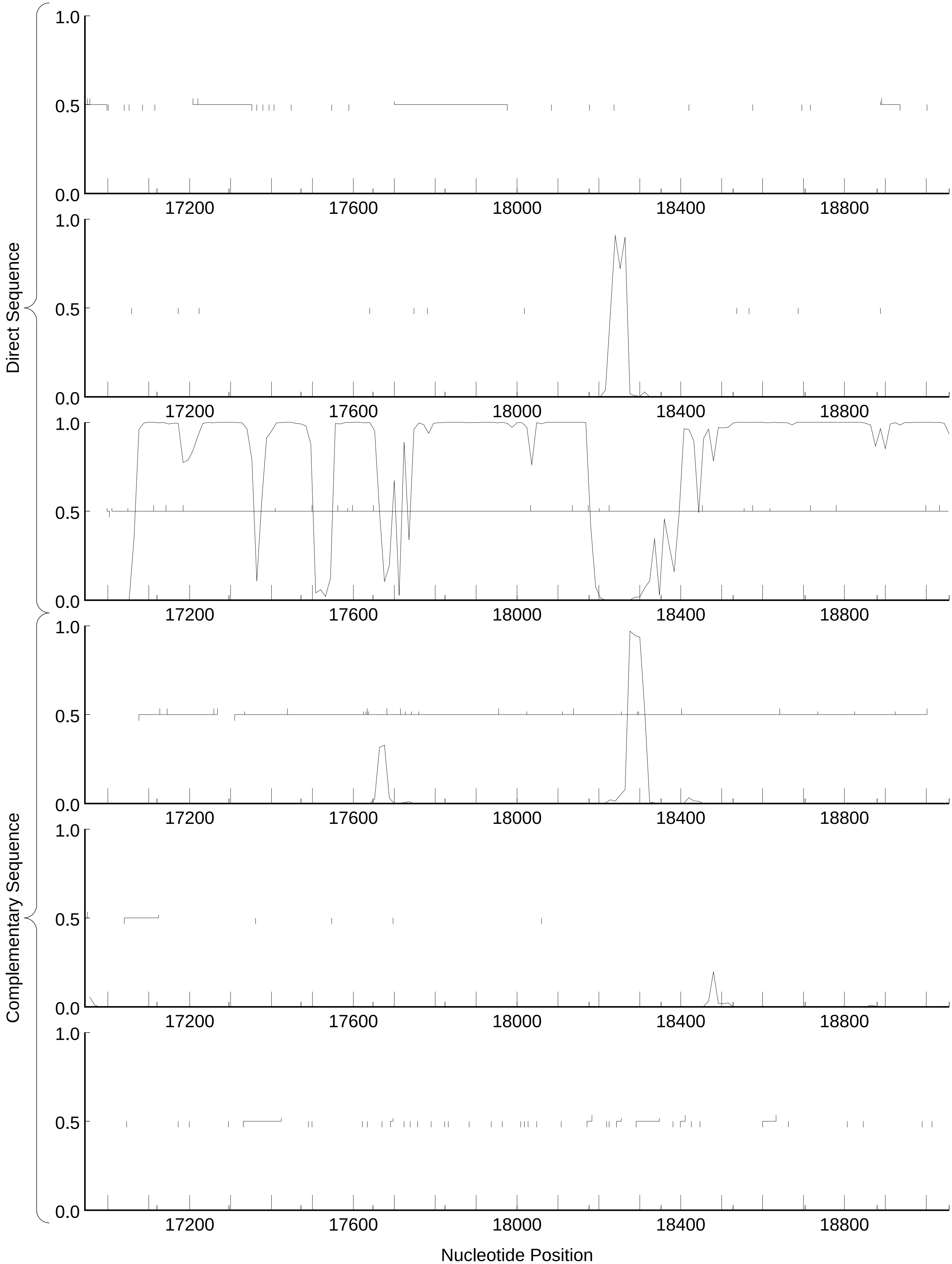
Nucleotide Position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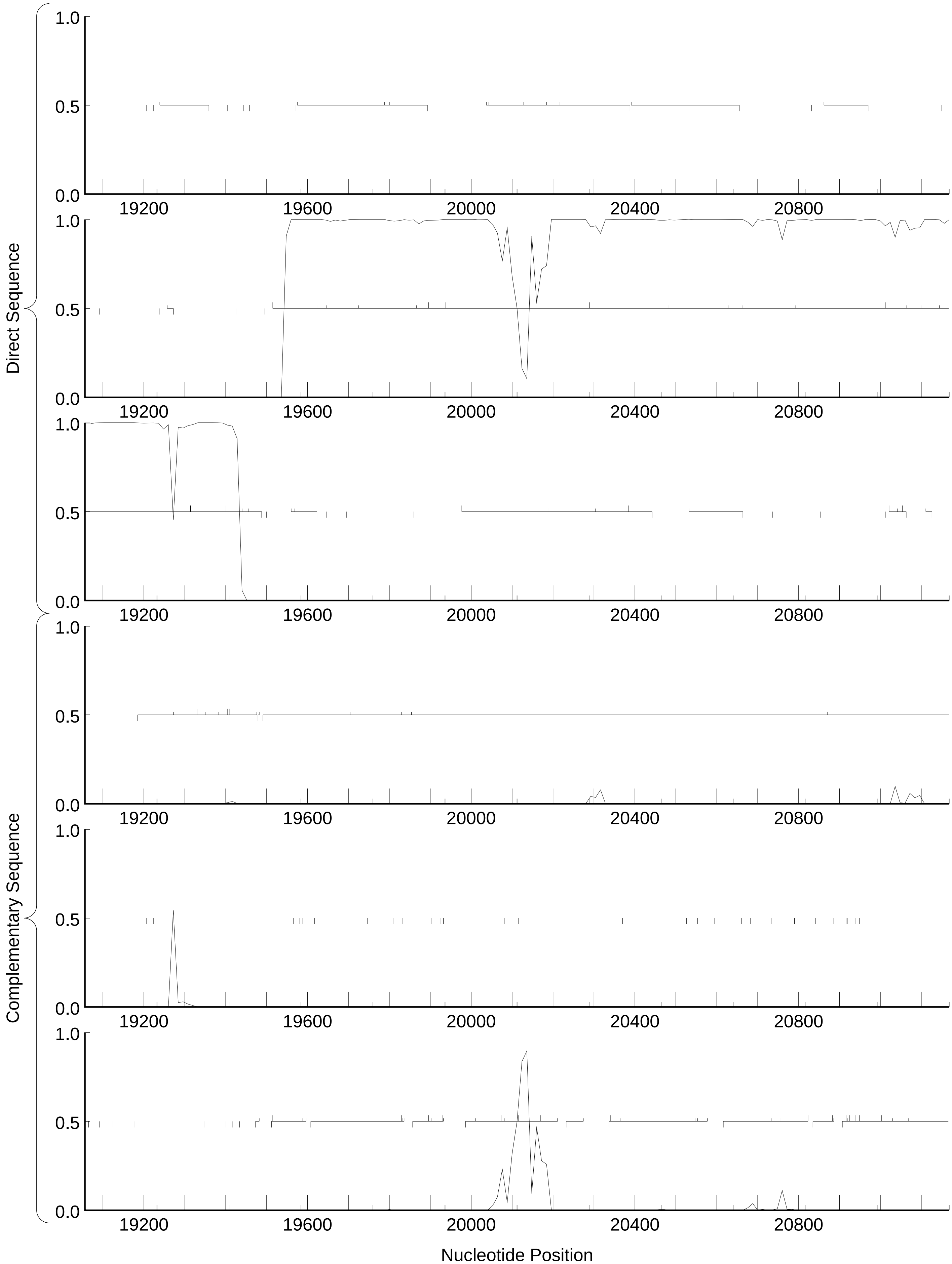
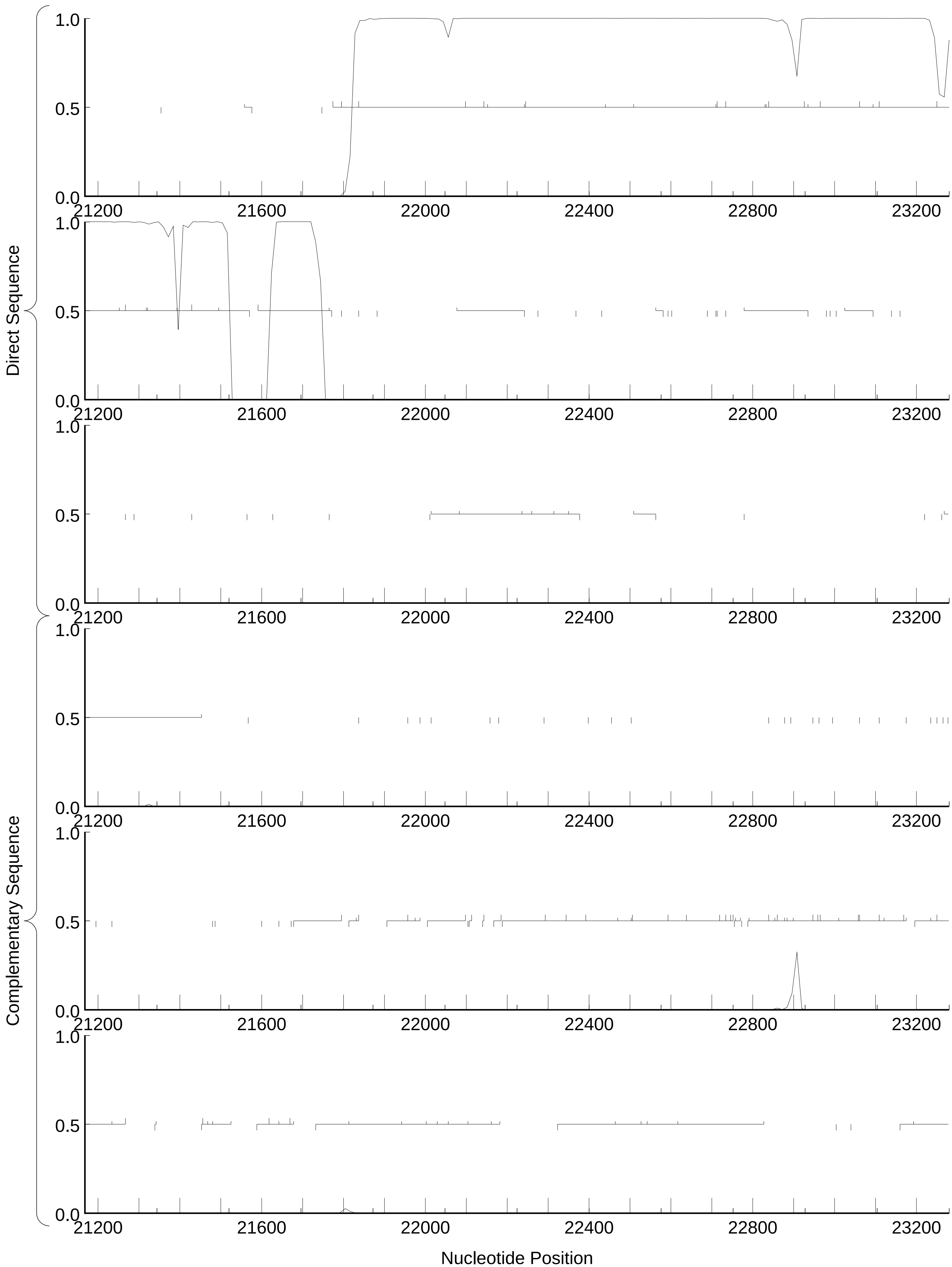
0.5
0.0
17200
17600
18000
18400
18800
Direct Sequence
Complementary Sequence
Nucleotide Position

l complete sequence, 52364 bp including 10-base 3’ overhang (CGGATGGTAA), Cluster A1, Order 4, Window 96, Step 12, 11/26

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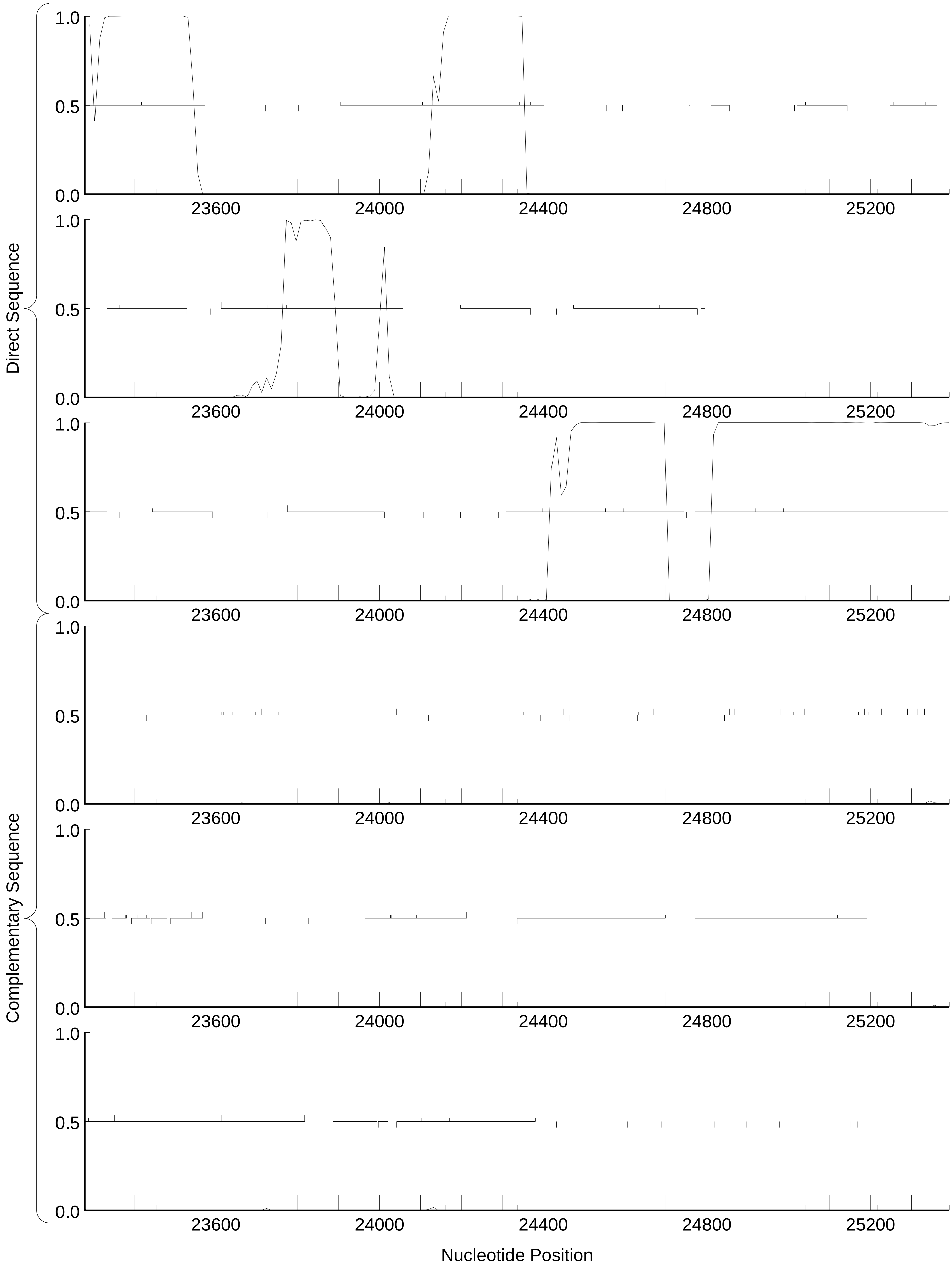
Nucleotide Position



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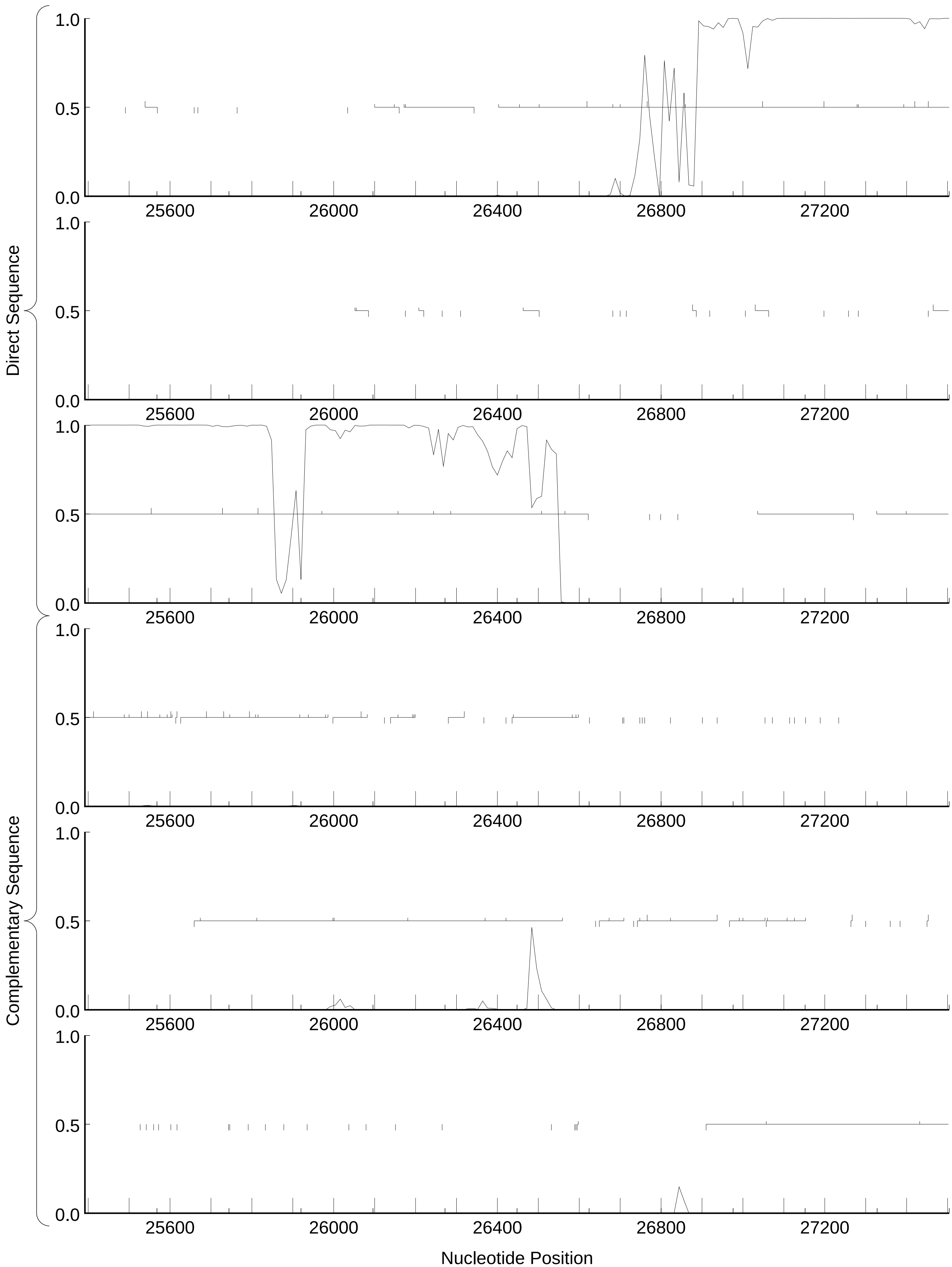
Direct Sequence
Complementary Sequence
Nucleotide Position


Direct Sequence
Complementary Sequence
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0.0
25600
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26400
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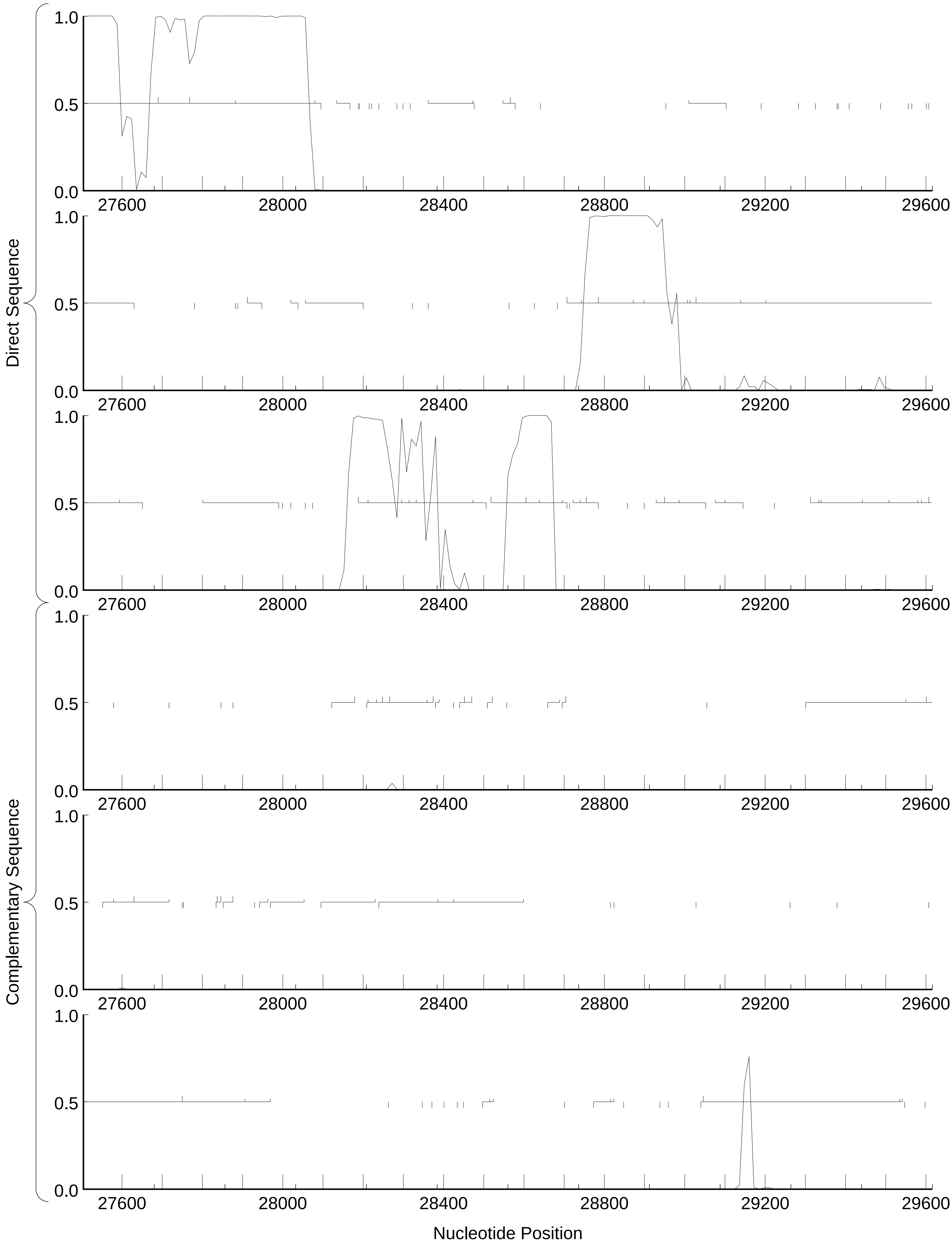
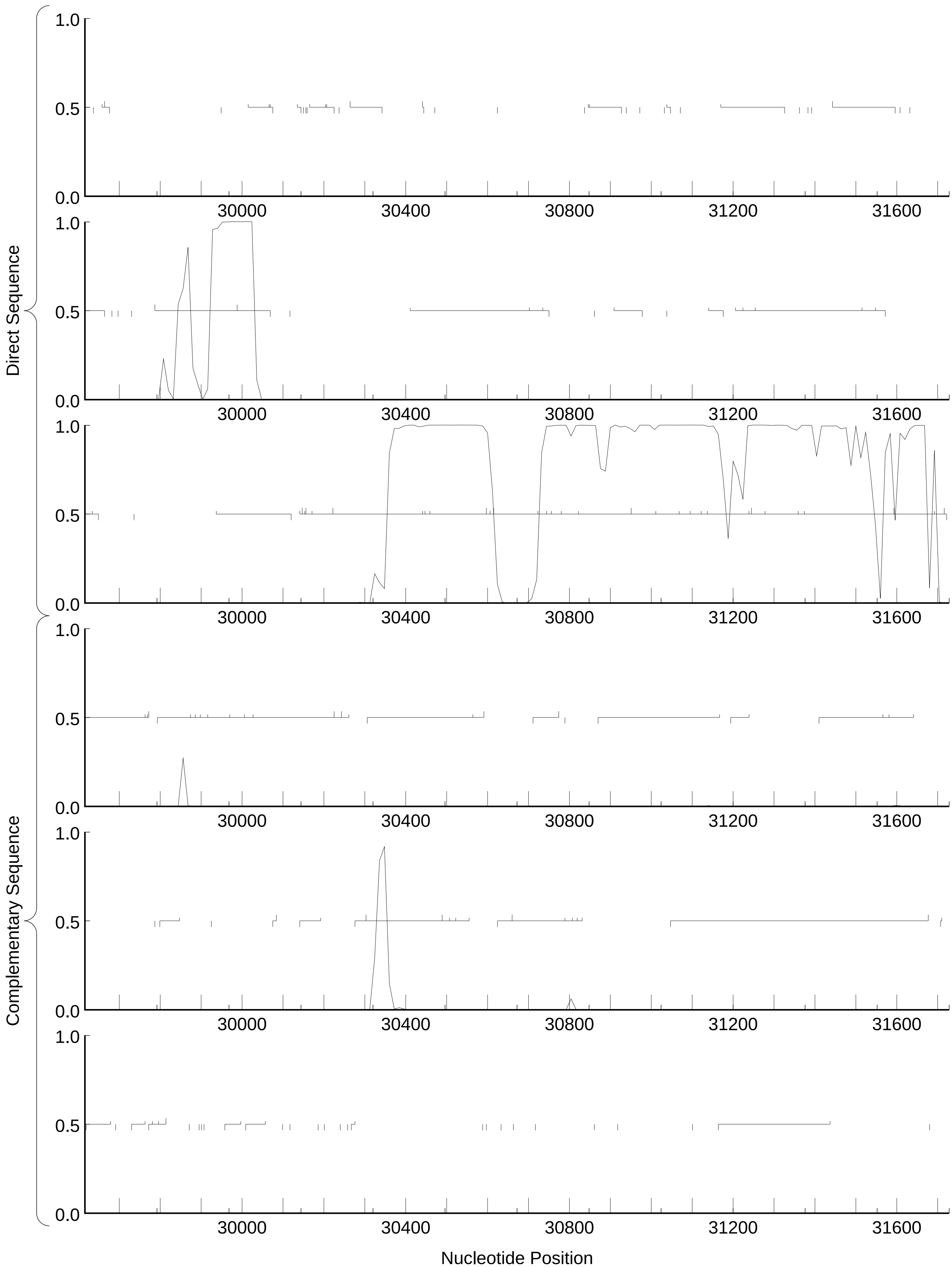
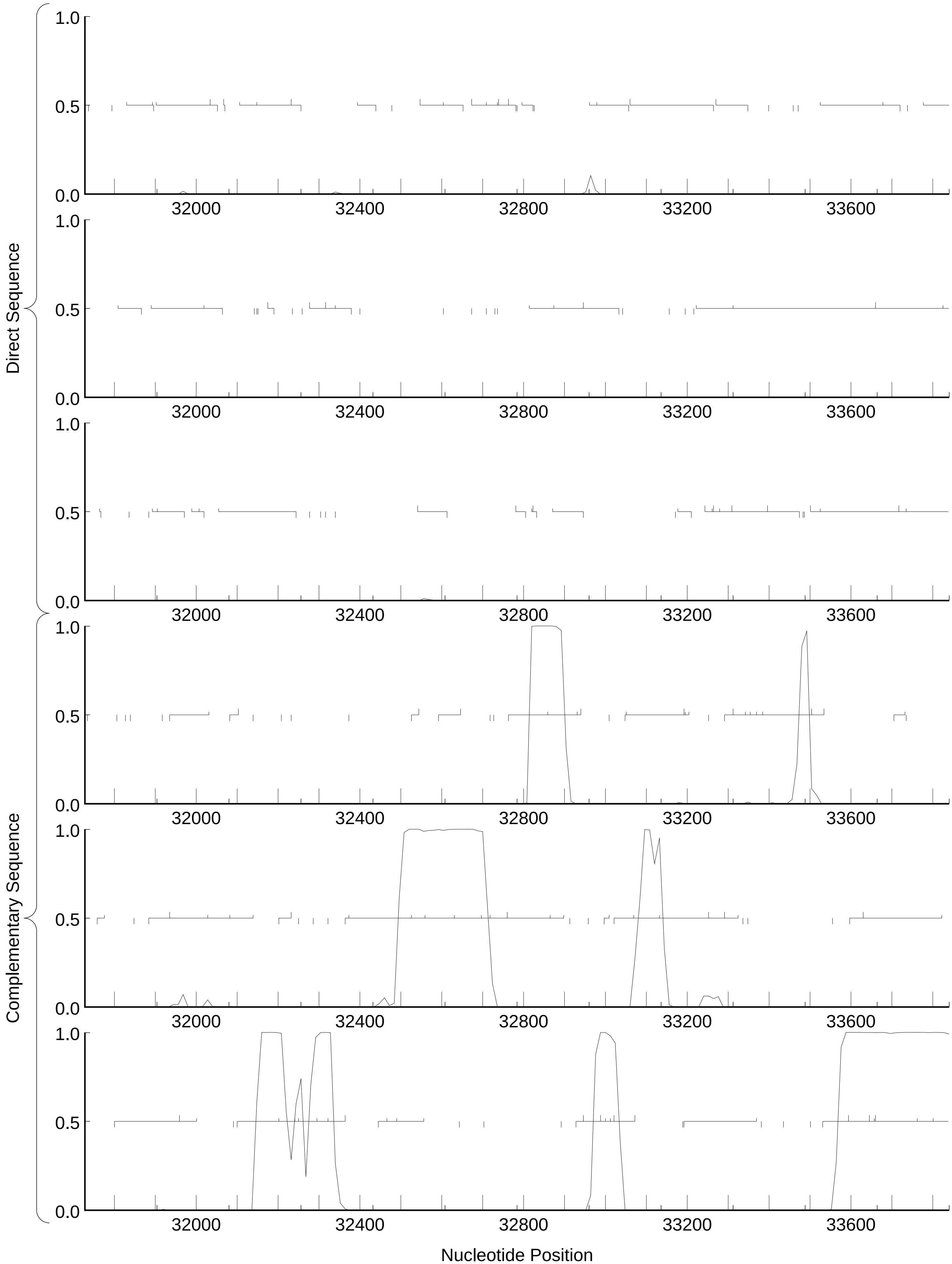
27200
Nucleotide Position

l complete sequence, 52364 bp including 10-base 3' overhang (CGGATGGTAA), Cluster A1, Order 4, Window 96, Step 12, 15/26



d complete sequence, 52364 bp including 10-base 3' overhang (CGGATGGTAA), Cluster A1, Order 4, Window 96, Step 12, 16/26





Direct Sequence
Complementary Sequence
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0.0
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32800
33200
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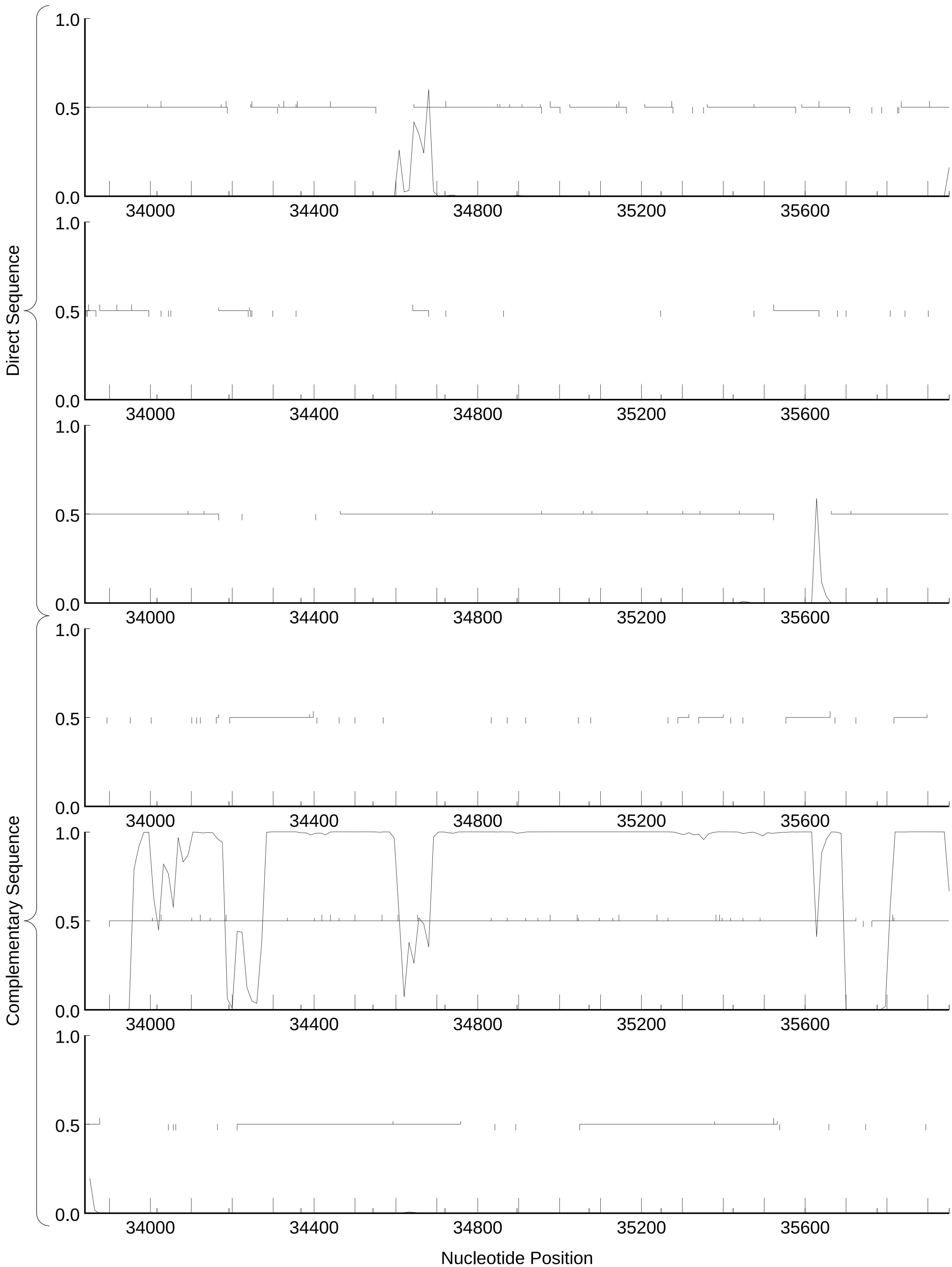
Nucleotide Position


Direct Sequence
Complementary Sequence
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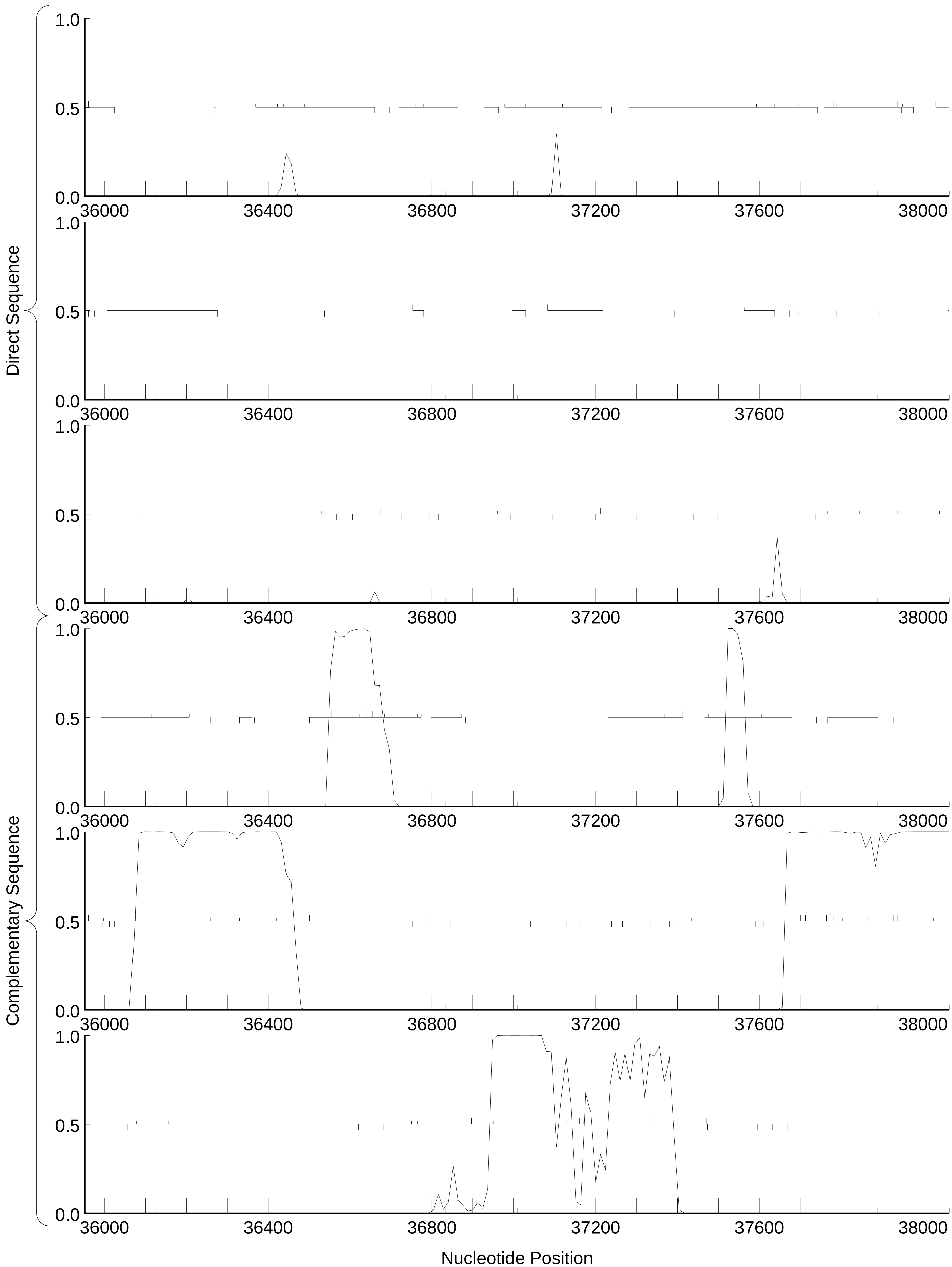
Nucleotide Position



Direct Sequence
Complementary Sequence
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0.0
36000
36400
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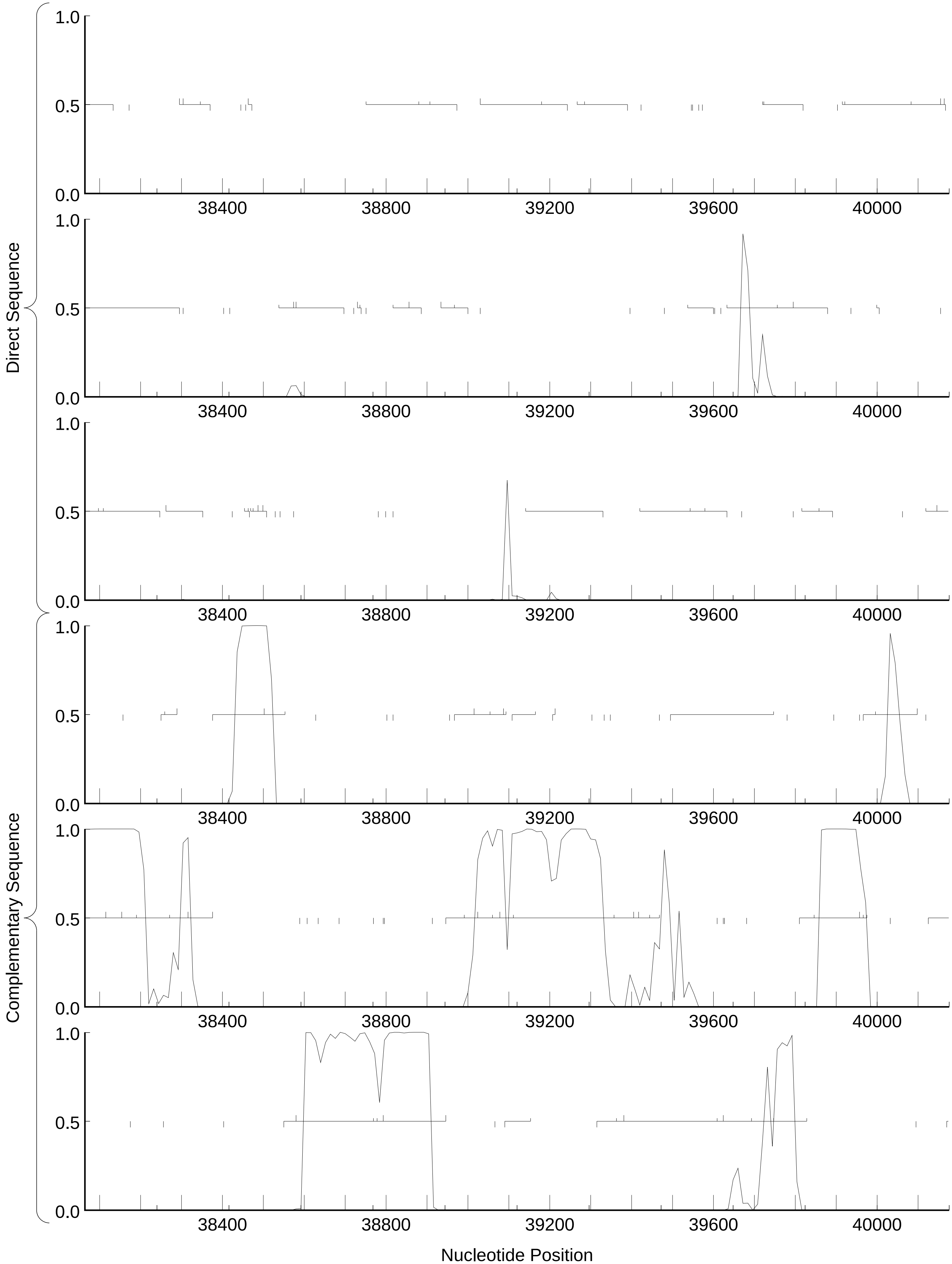
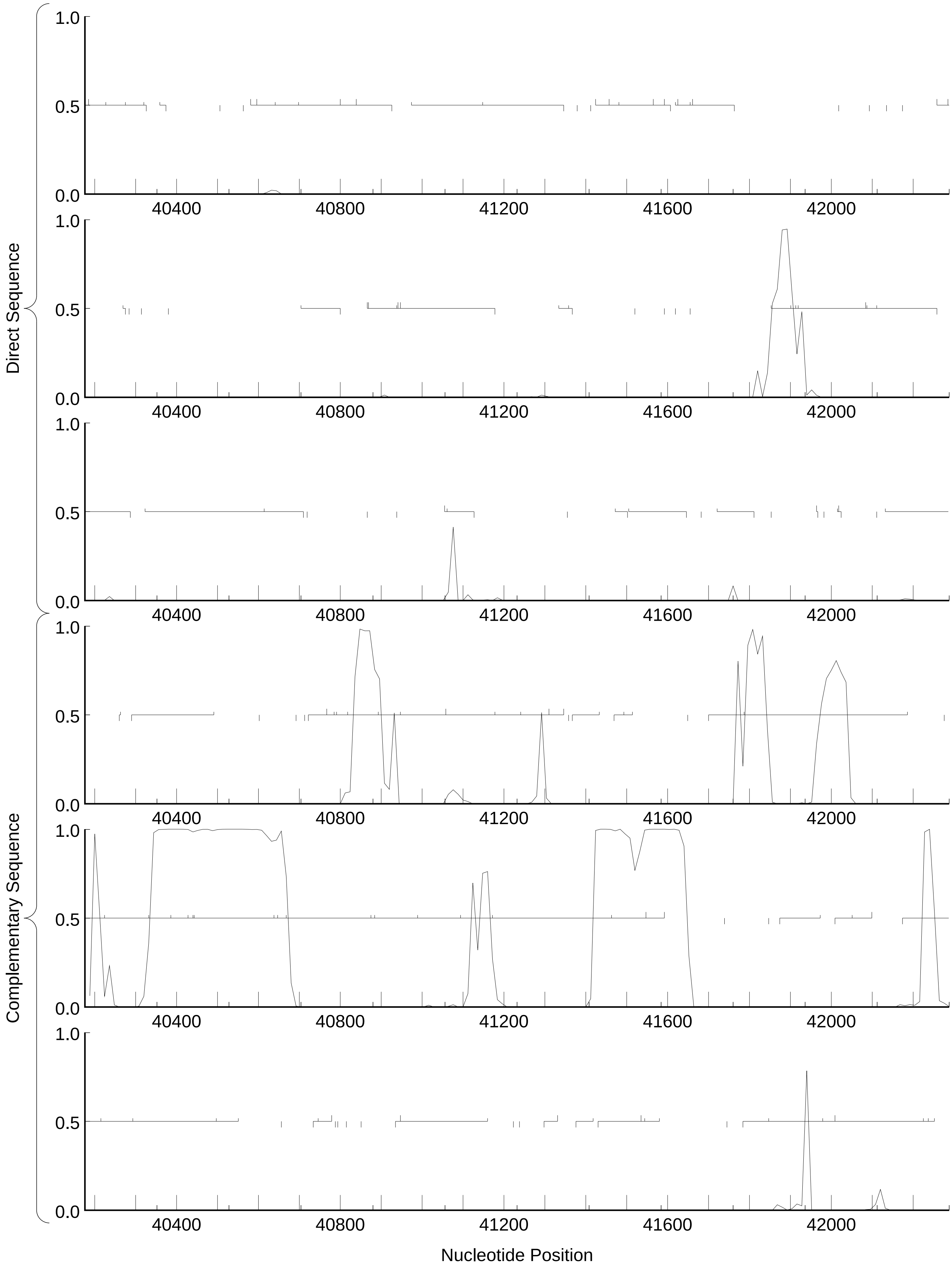
37600
38000
Nucleotide Position

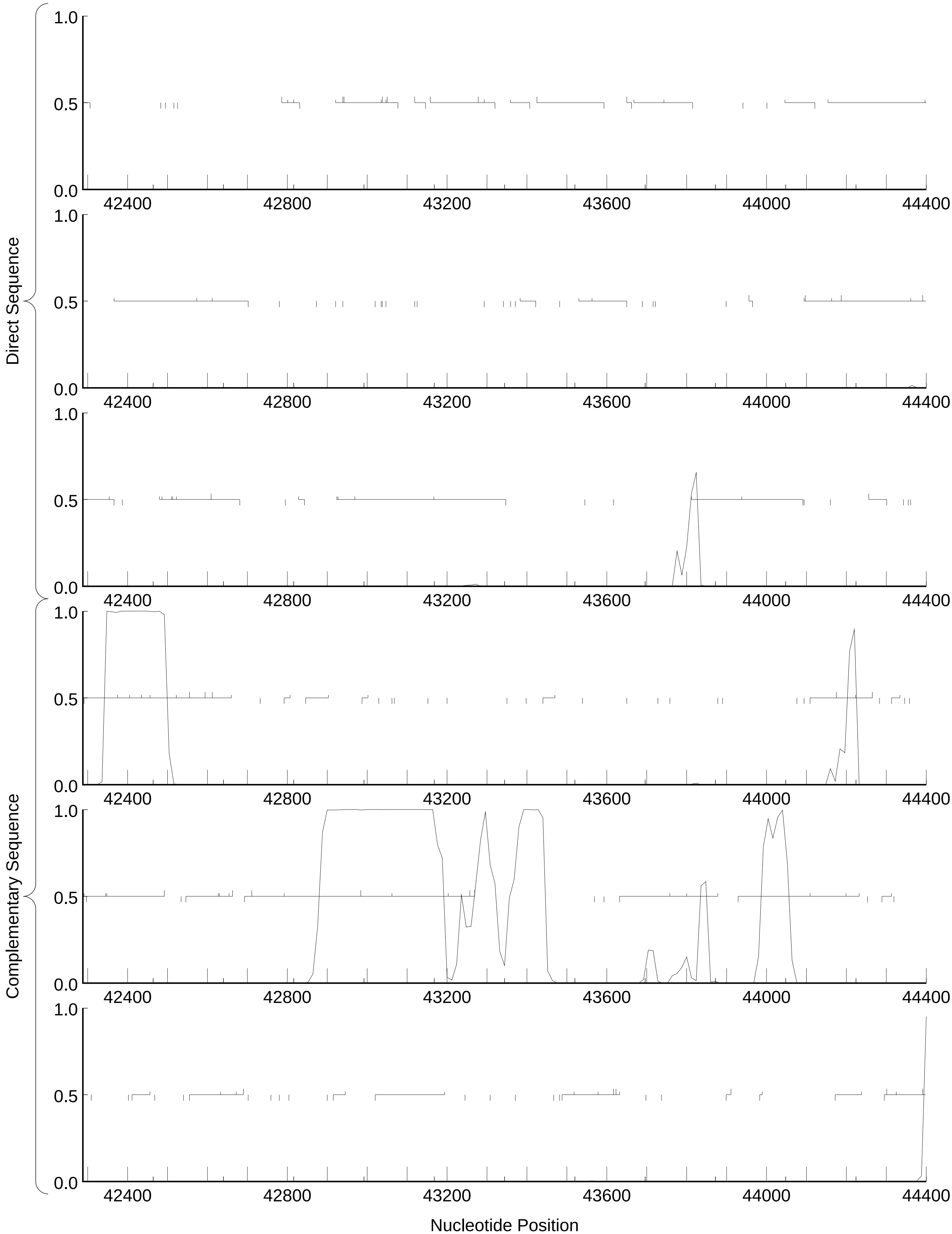
l complete sequence, 52364 bp including 10-base 3' overhang (CGGATGGTAA), Cluster A1, Order 4, Window 96, Step 12, 20/26



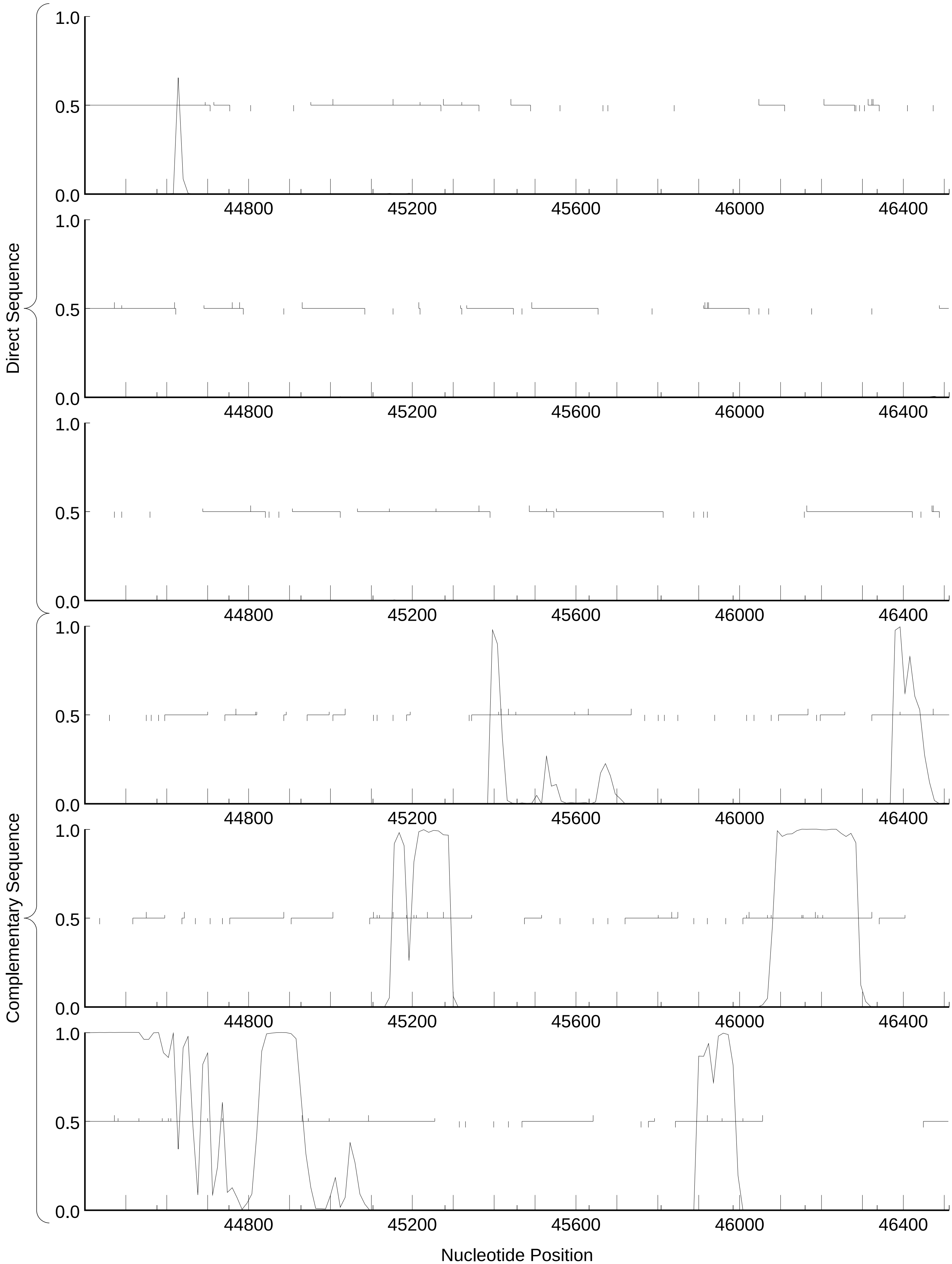
l complete sequence, 52364 bp including 10-base 3’ overhang (CGGATGGTAA), Cluster A1, Order 4, Window 96, Step 12, 21/26

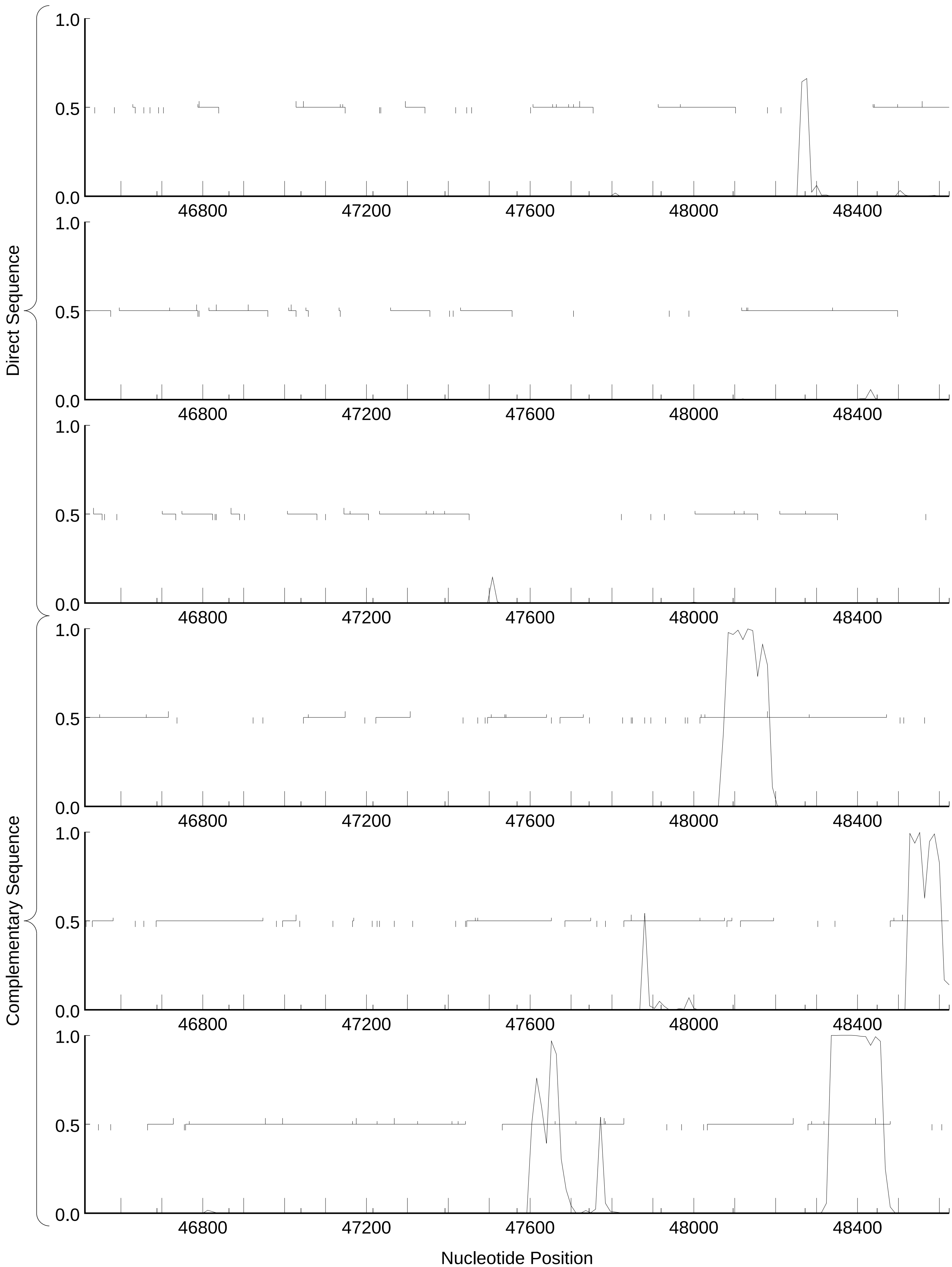


l complete sequence, 52364 bp including 10-base 3’ overhang (CGGATGGTAA), Cluster A1, Order 4, Window 96, Step 12, 22/26



l complete sequence, 52364 bp including 10-base 3' overhang (CGGATGGTAA), Cluster A1, Order 4, Window 96, Step 12, 23/26

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Complementary Sequence
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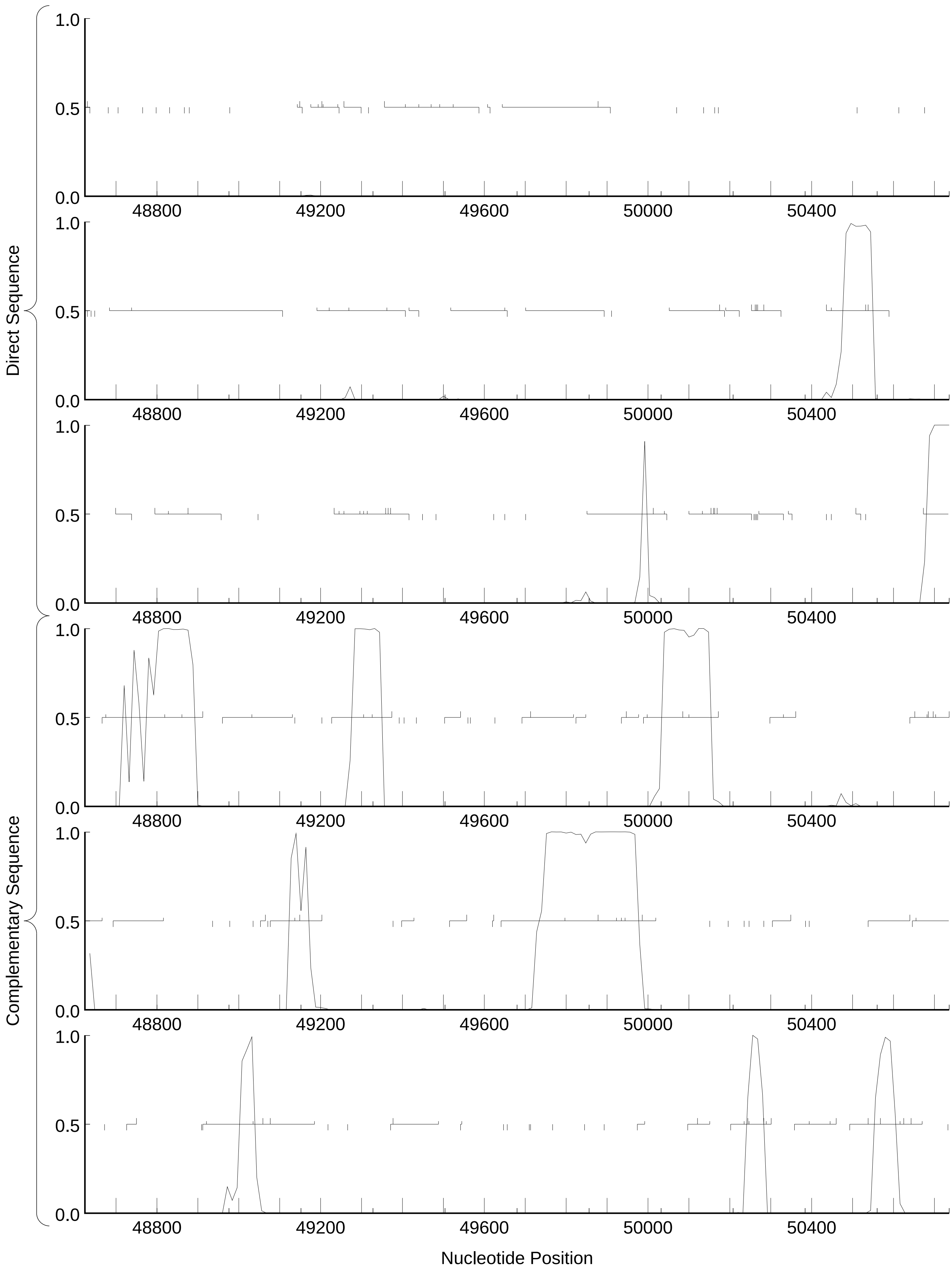
Nucleotide Position


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

l complete sequence, 52364 bp including 10-base 3' overhang (CGGATGGTAA), Cluster A1, Order 4, Window 96, Step 12, 26/26