GeneMark

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

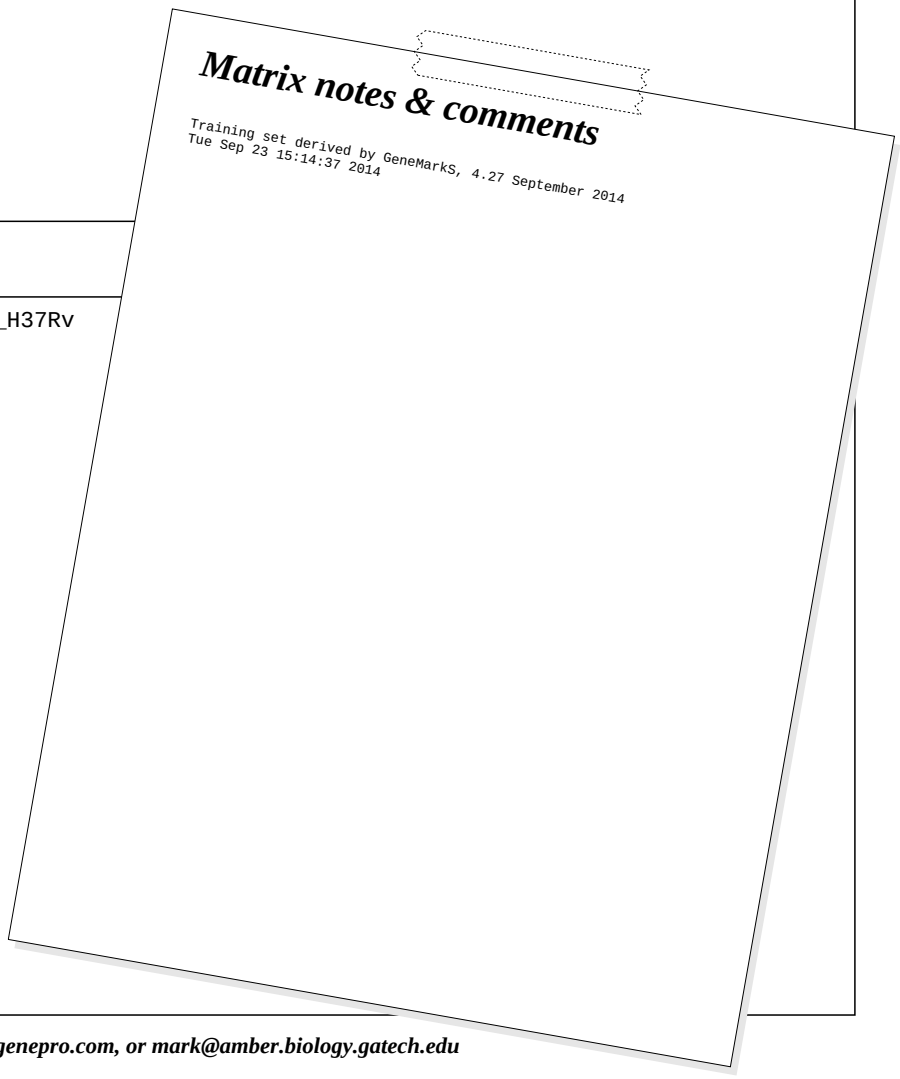
PROGRAM INFORMATION

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Analysis Date    :  3/28/24 at 12:54:36
Pages            :  75
Sequence Length  :  155812 bp
GC Content       :   64.70%

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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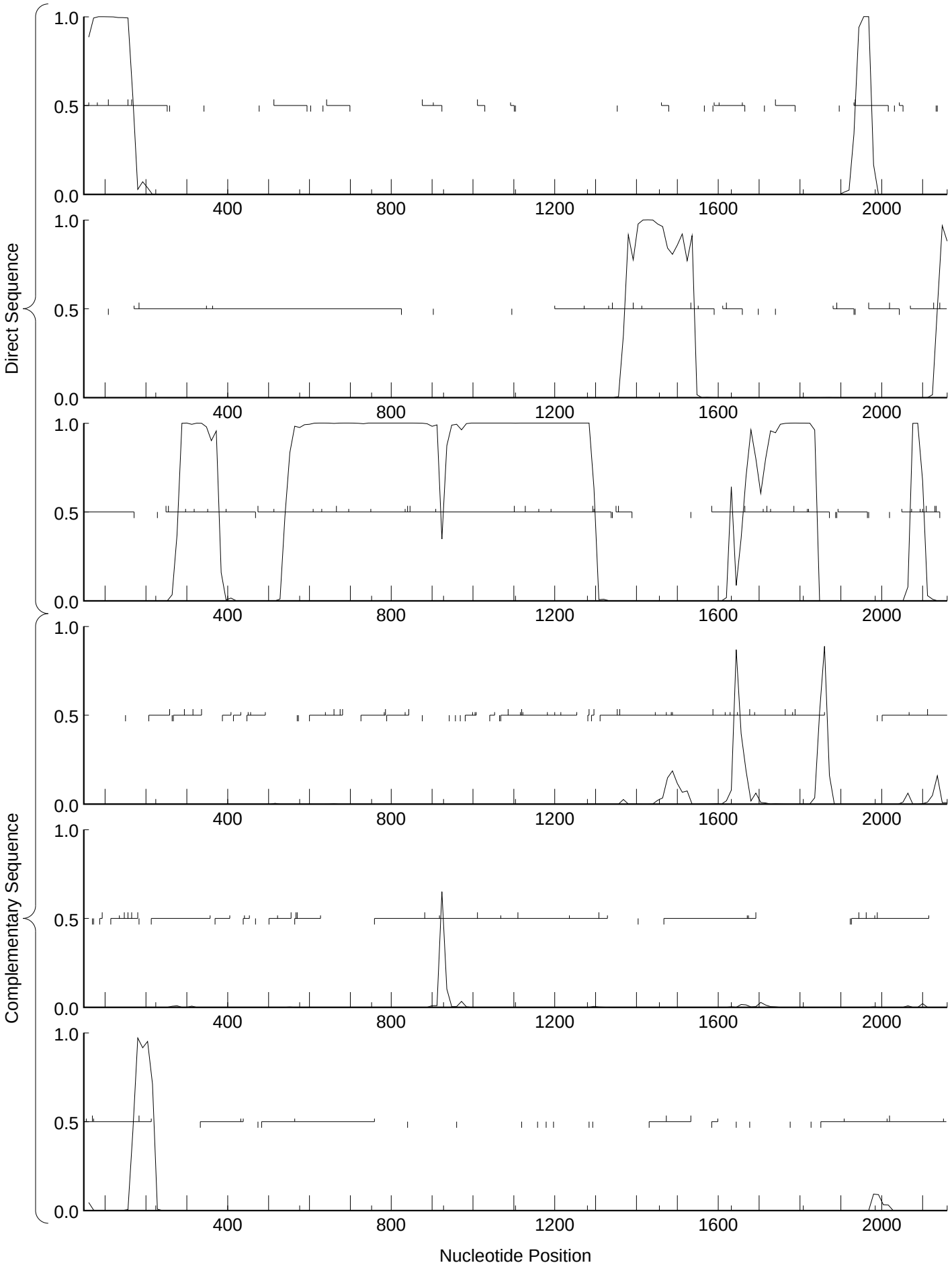
MATRIX INFORMATION

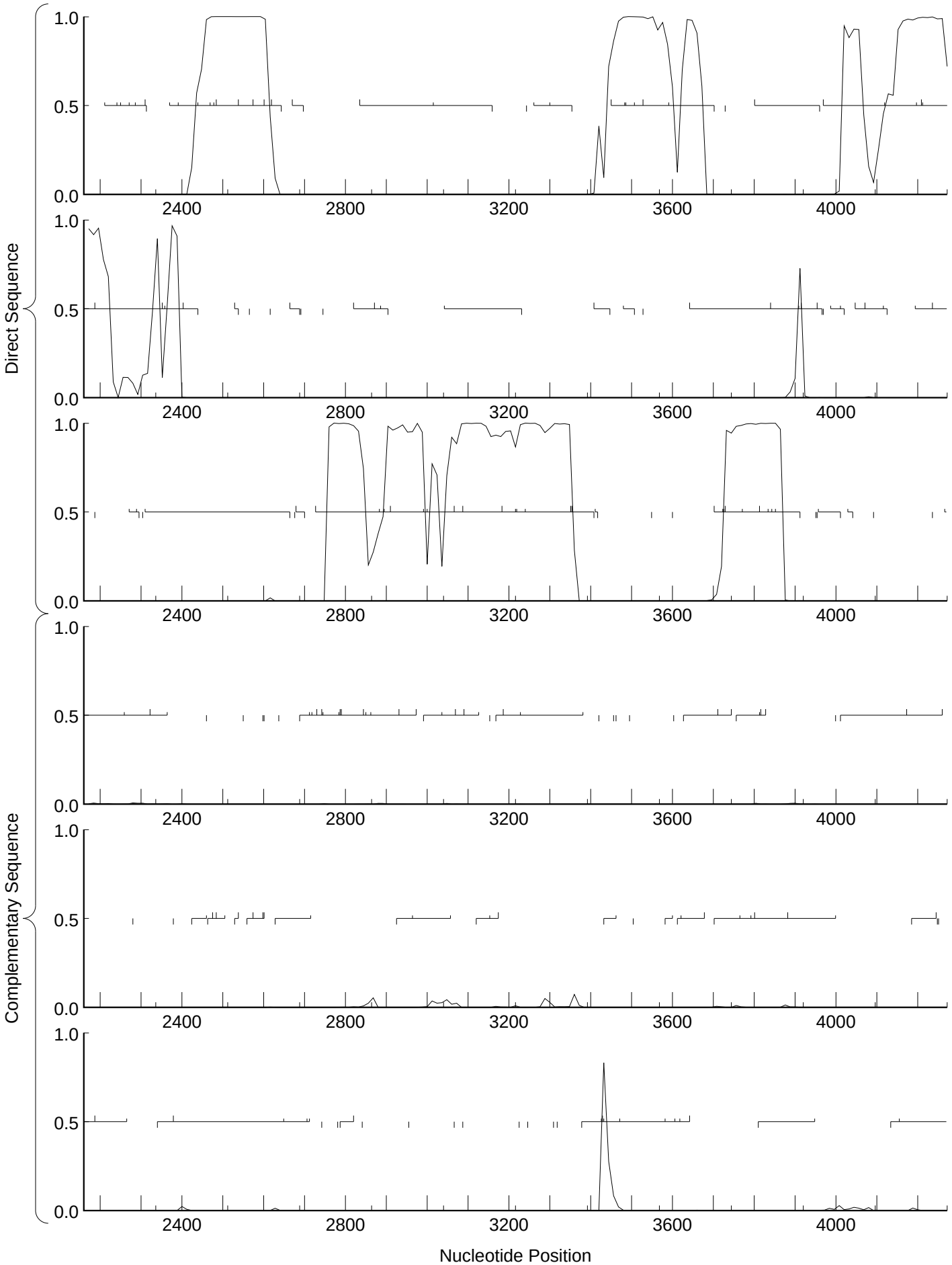
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Matrix     :  Mycobacterium_tuberculosis_H37Rv
Author     :  -

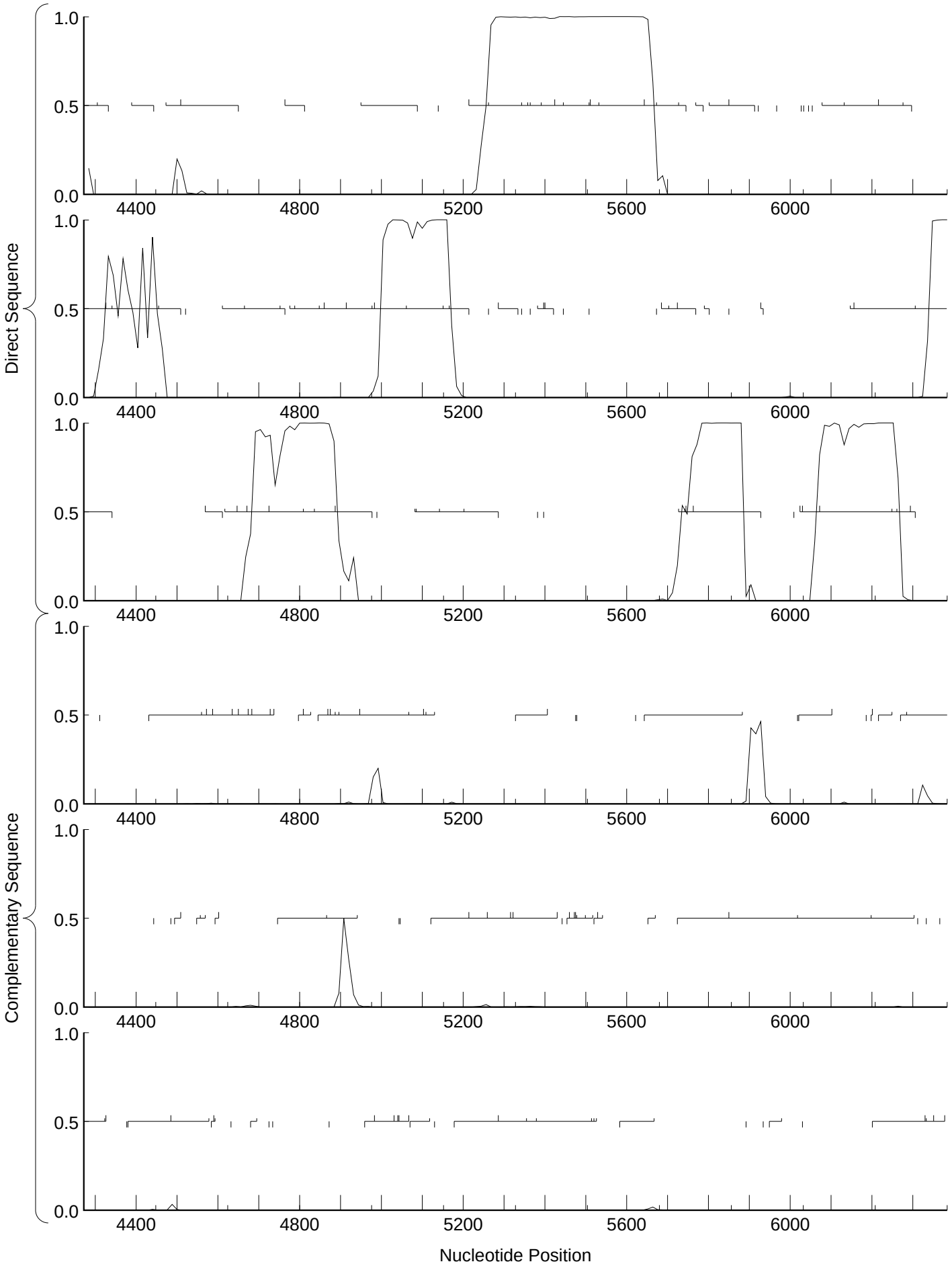
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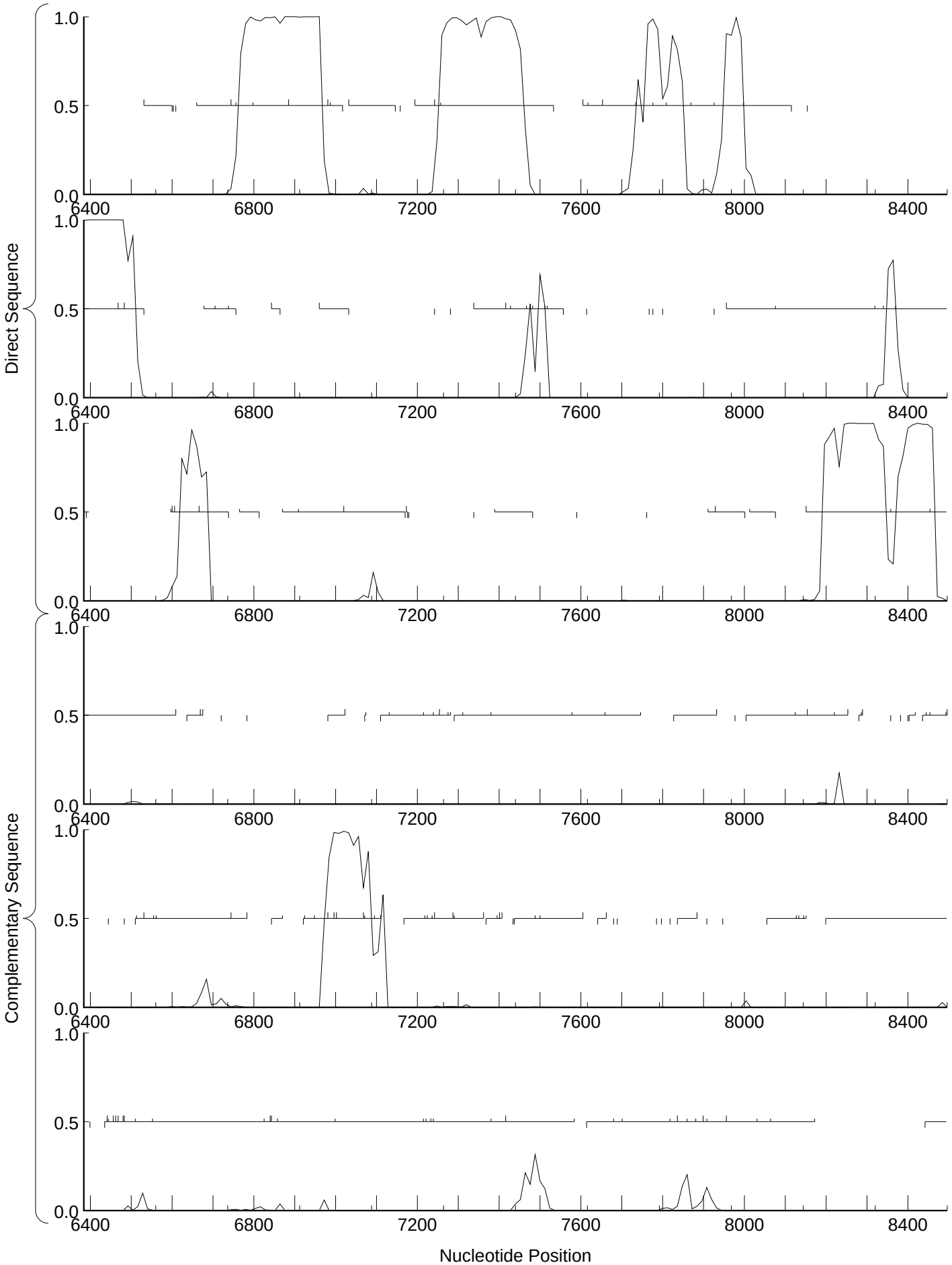

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  Send questions / comments to:
      Dr. M. Borodovsky
      Georgia Institute of Technology
      School of Biology
      Atlanta, GA  30332-0230
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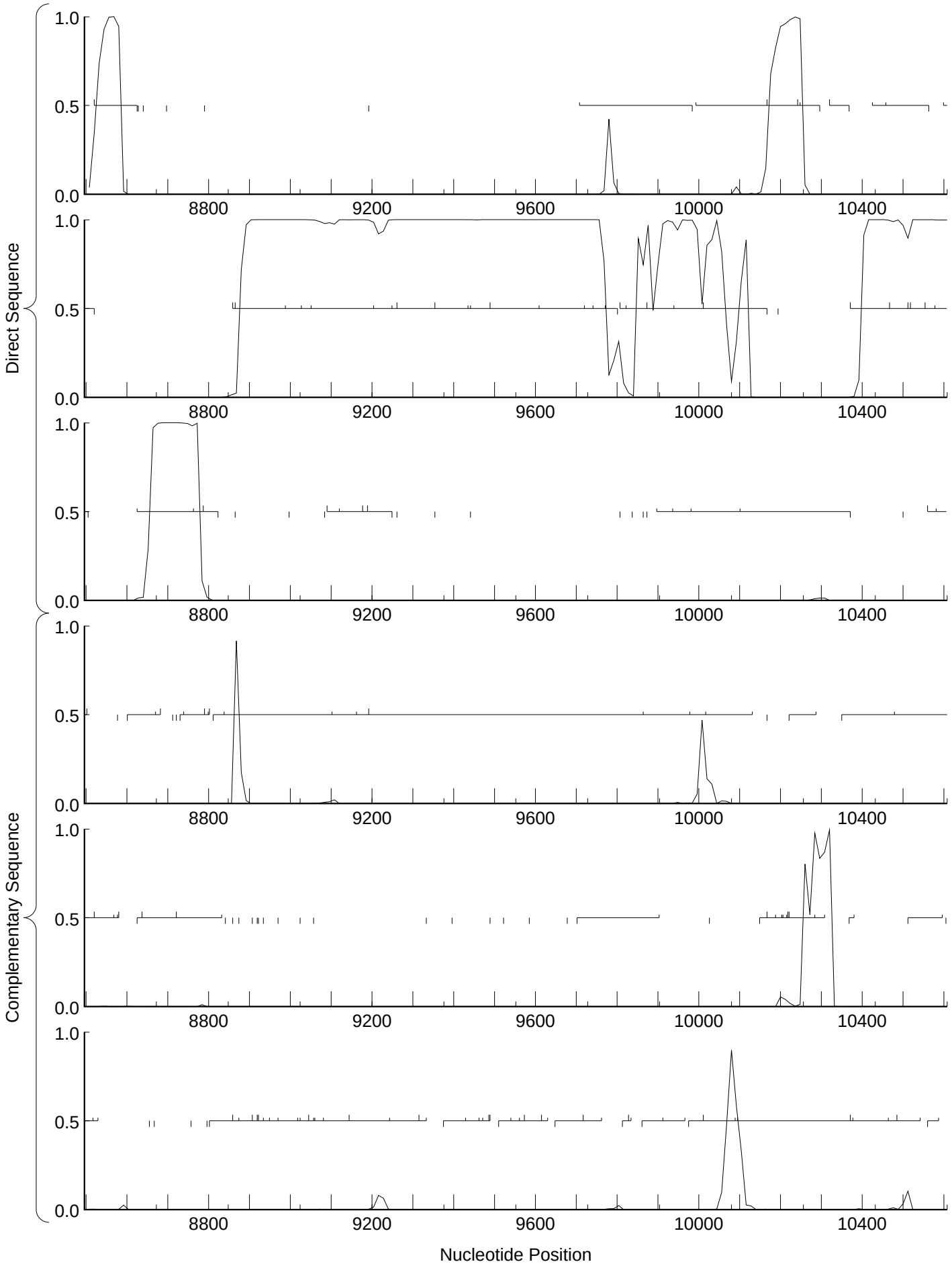

For help or information, send electronic mail to: custserv@genepro.com, or mark@amber.biology.gatech.edu

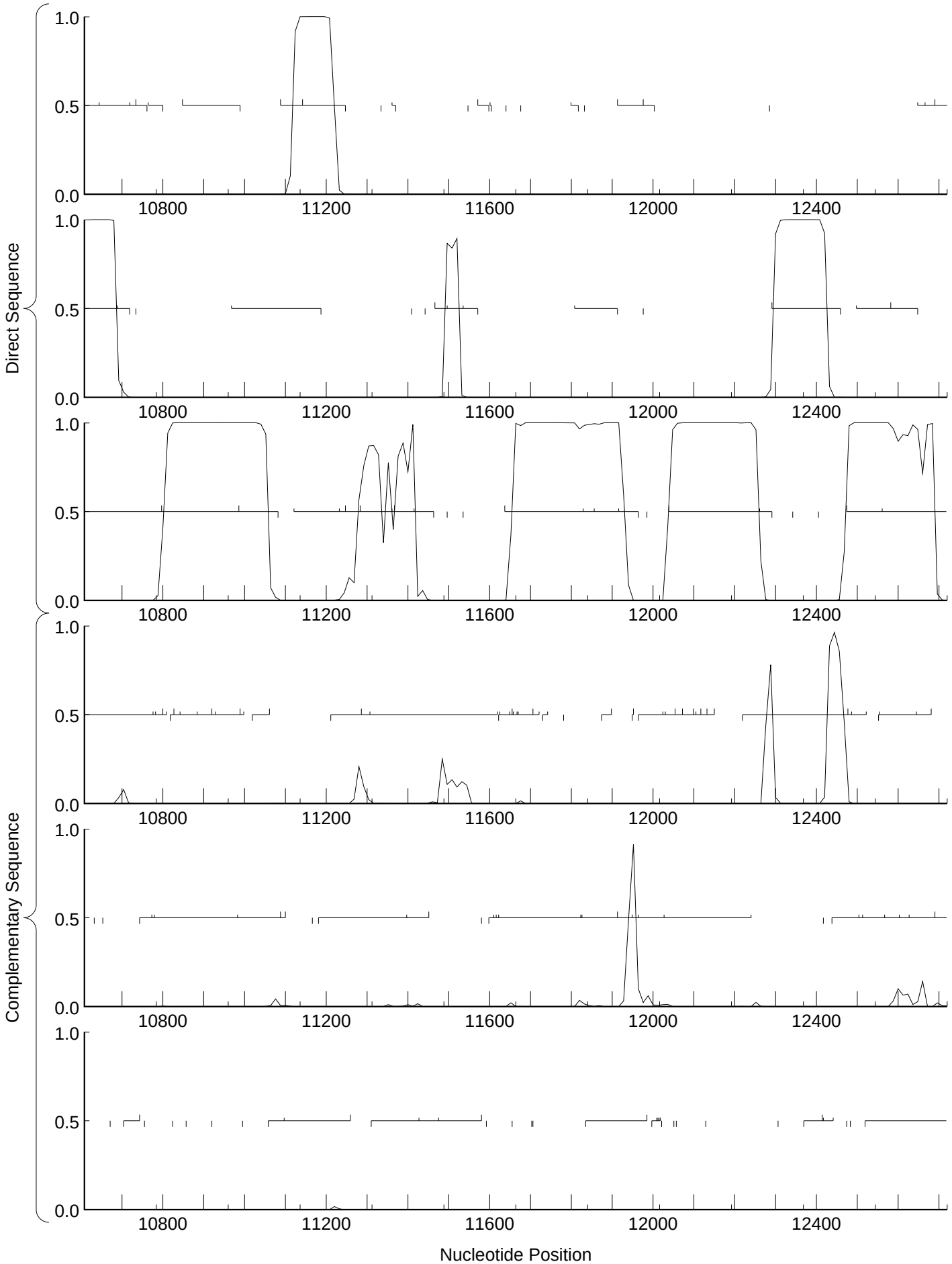

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Nucleotide Position

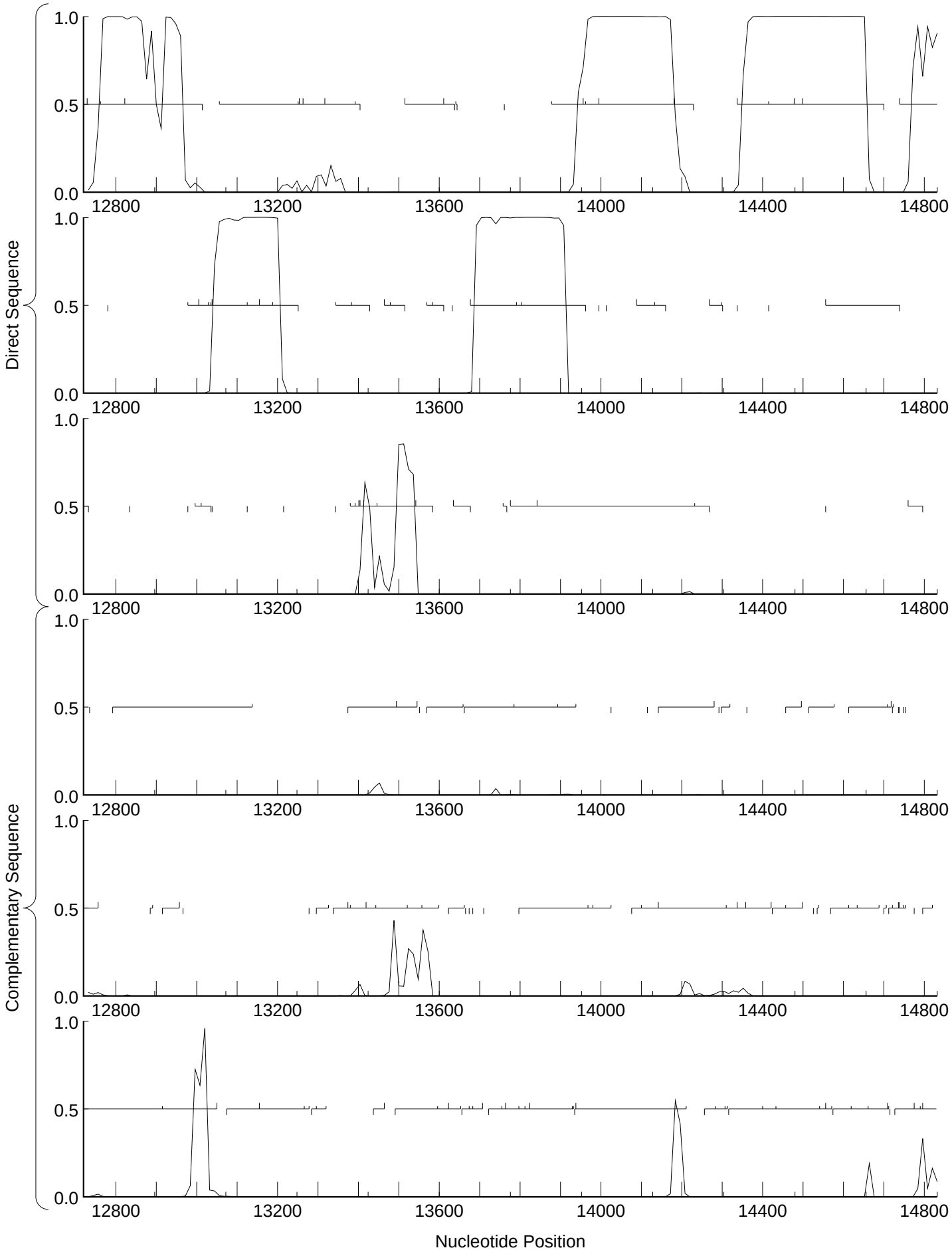

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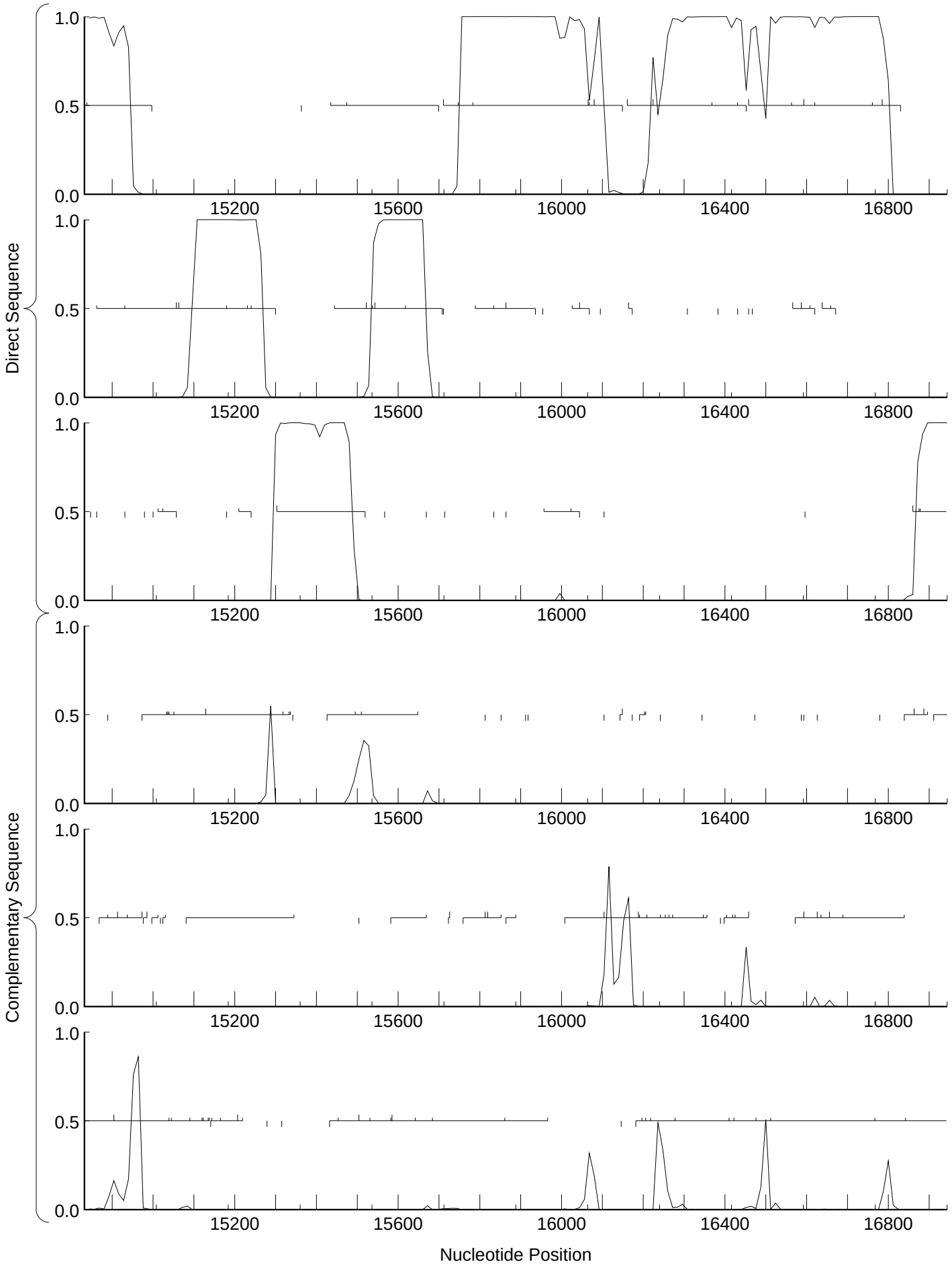

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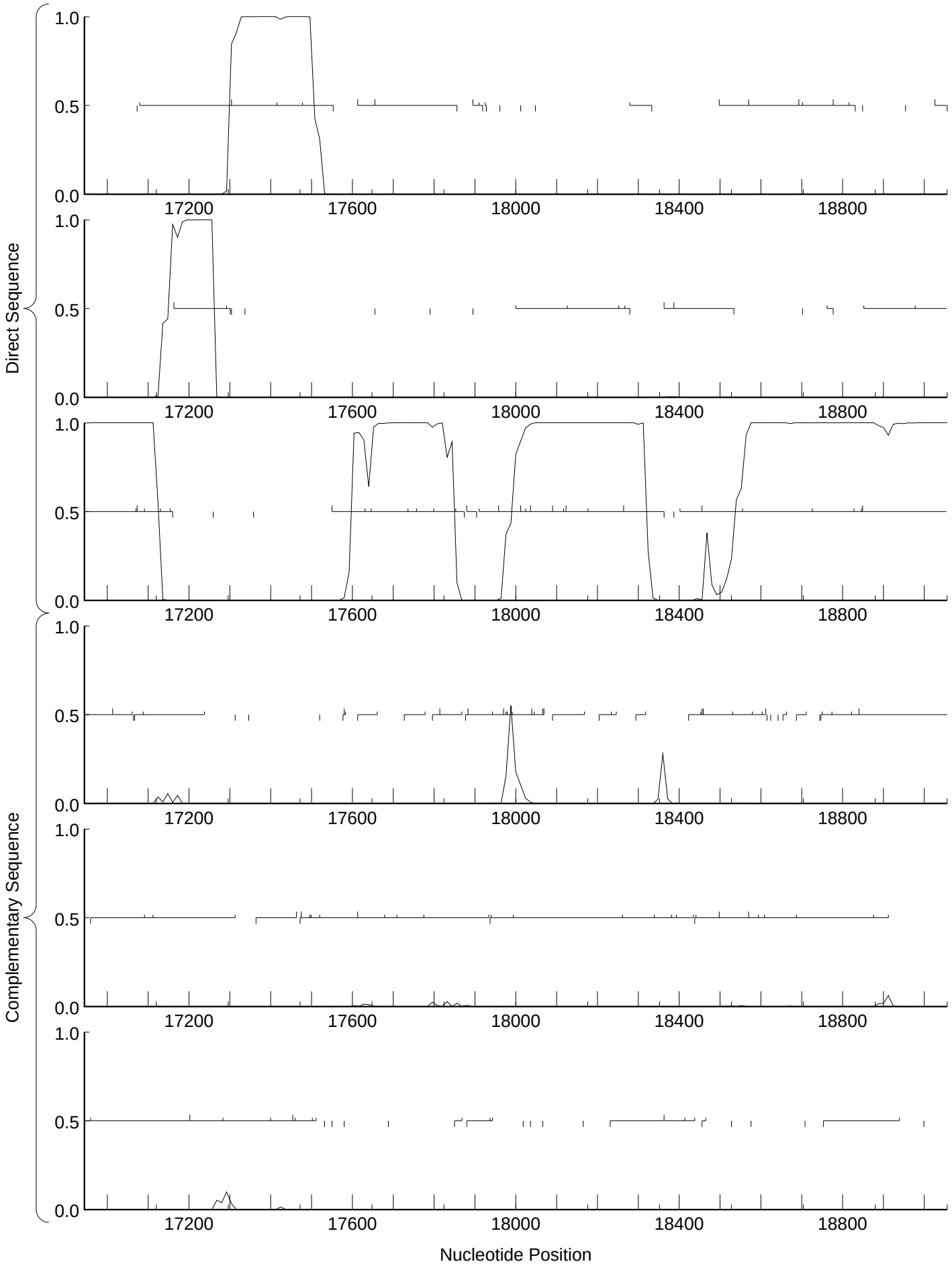

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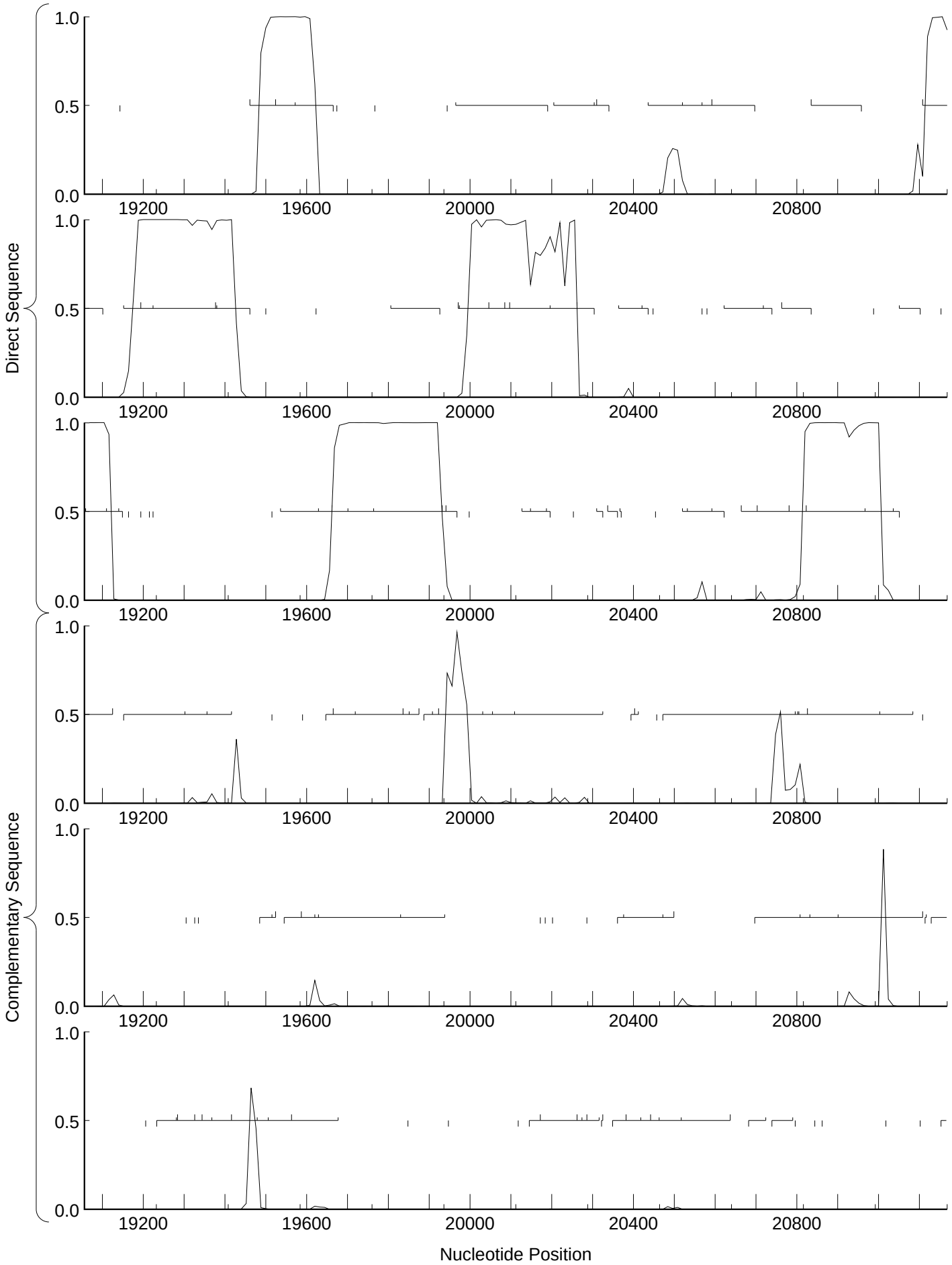

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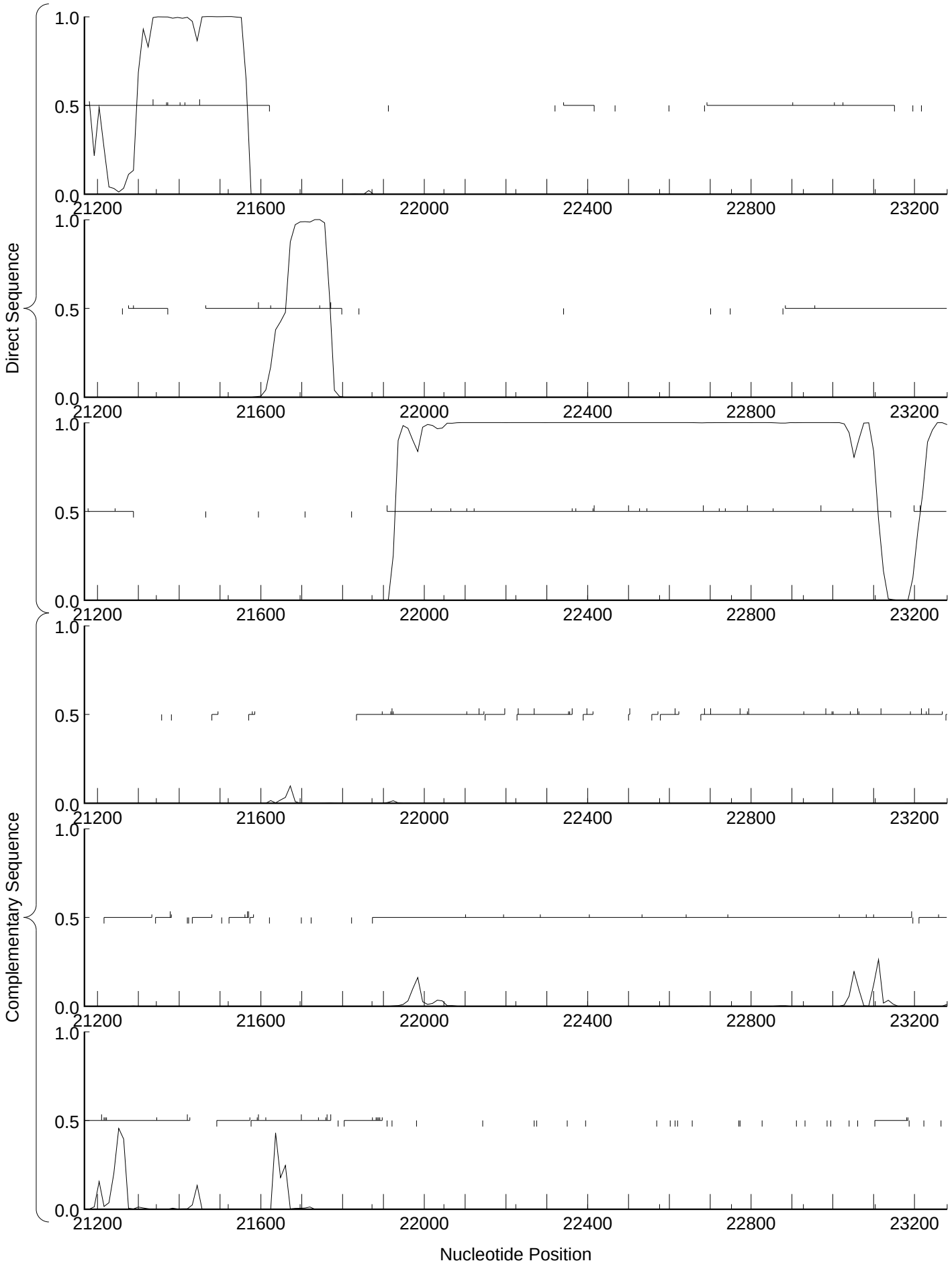

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acterium phage SilverDipper complete sequence, 155812 bp, circularly permuted, Cluster C1, Order 4, Window 96, Step 12, 10/75

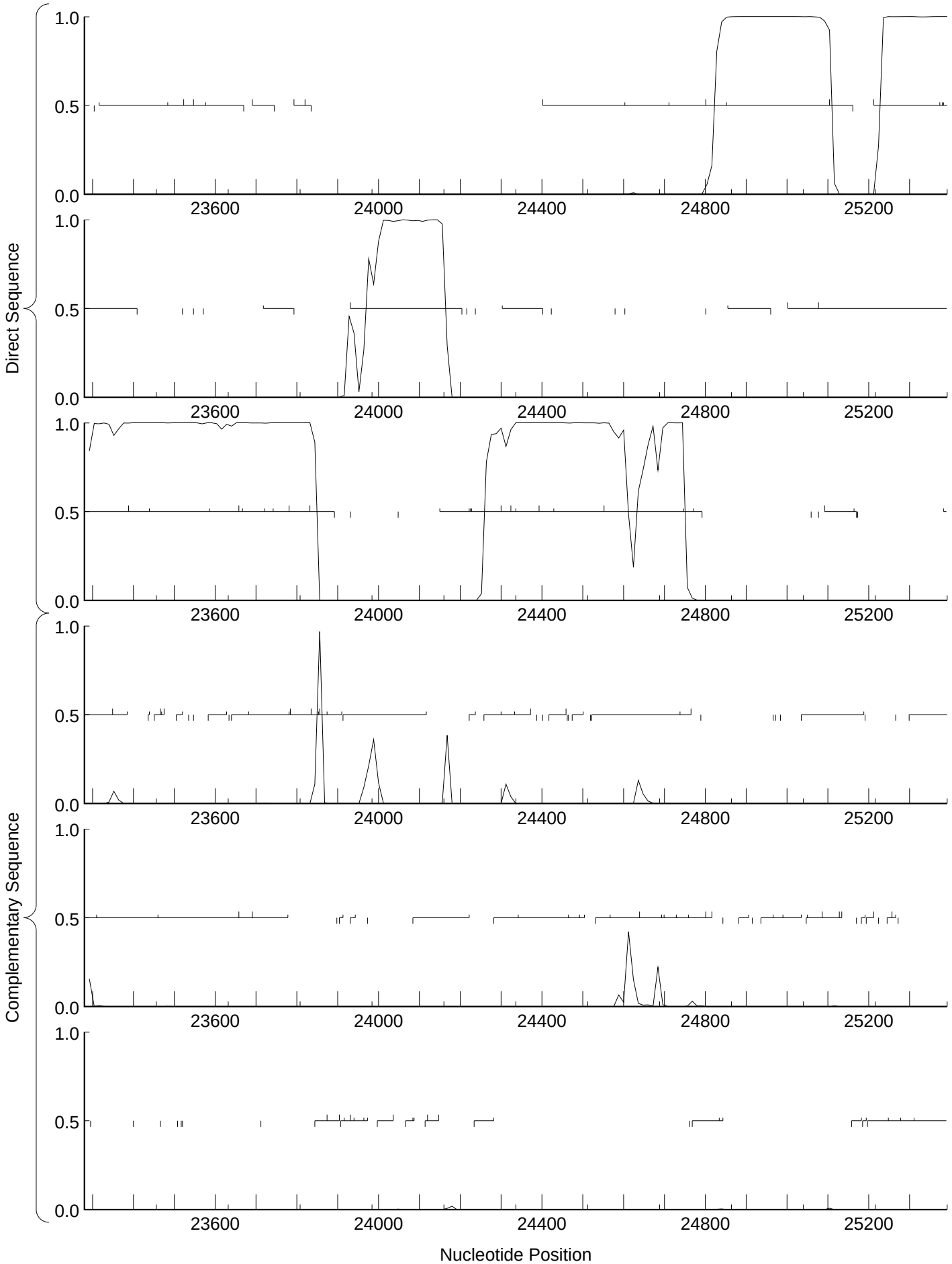



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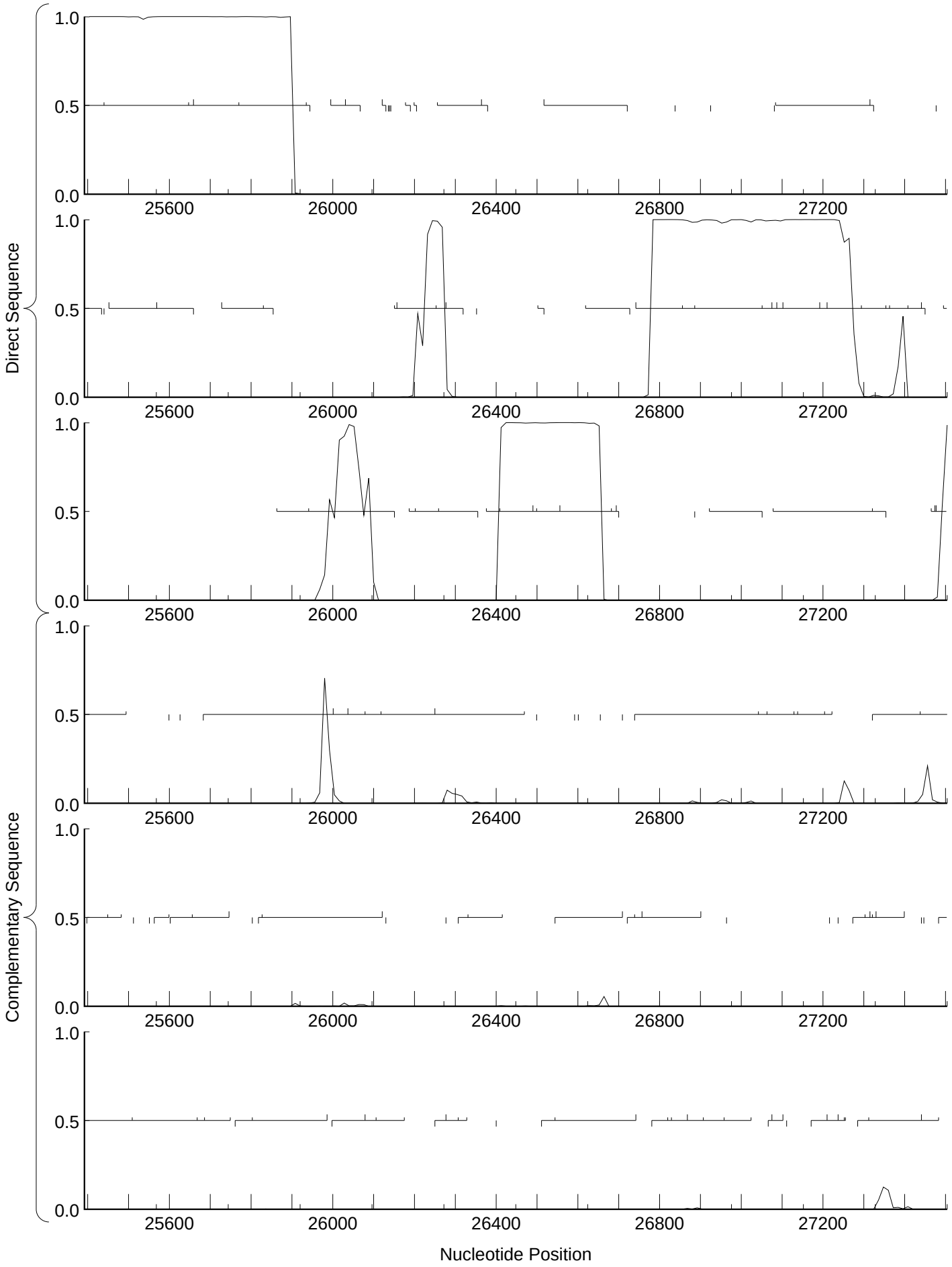
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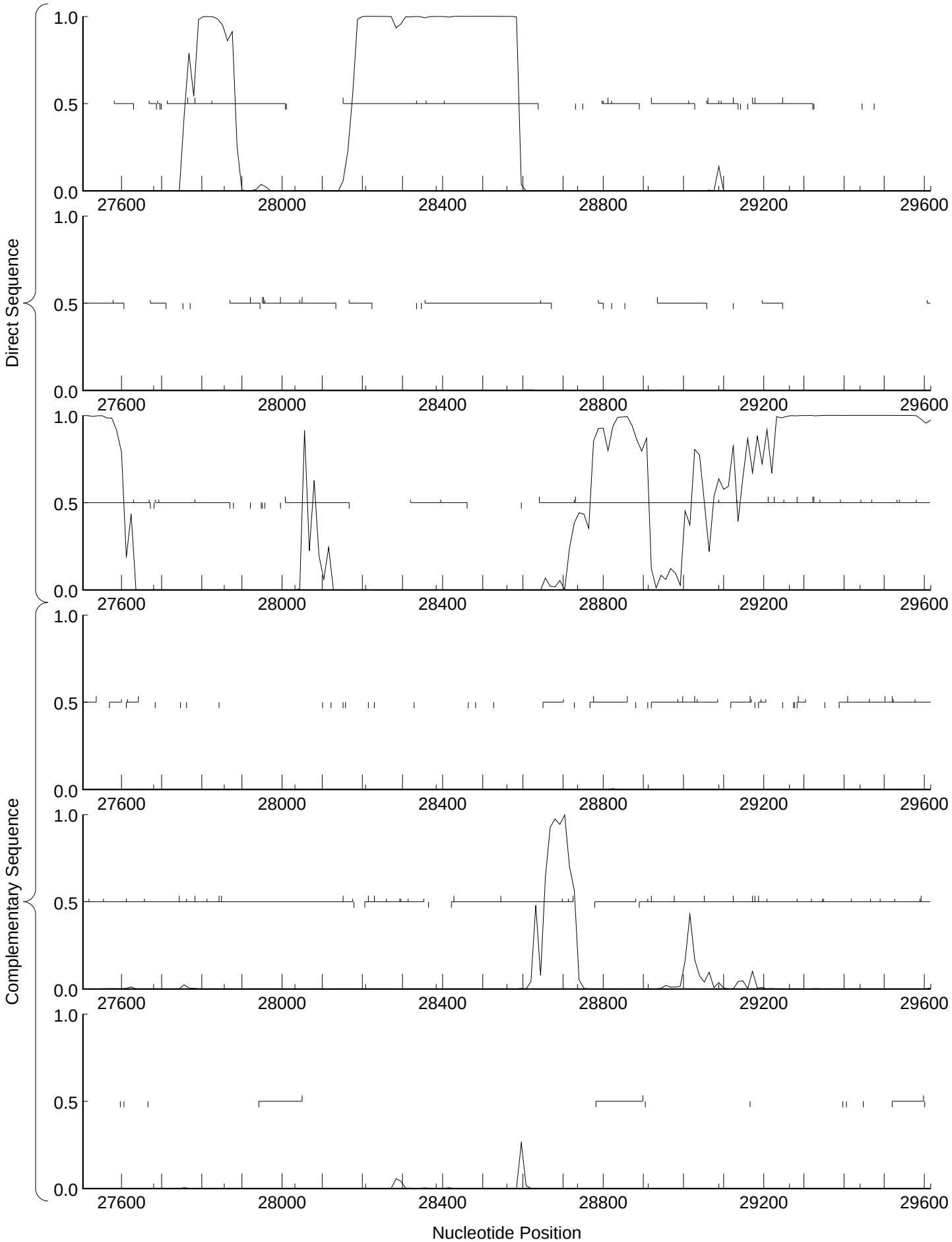
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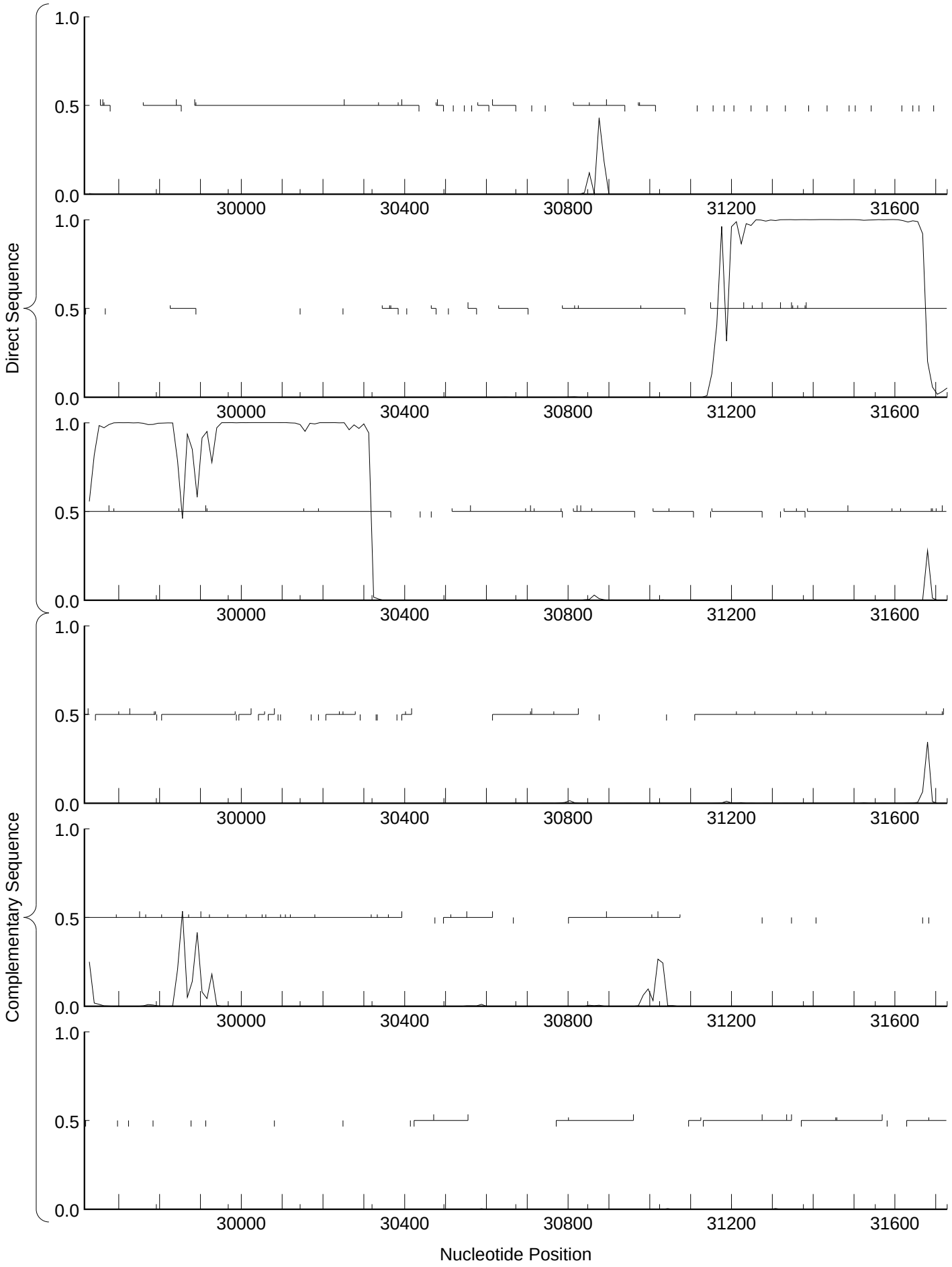
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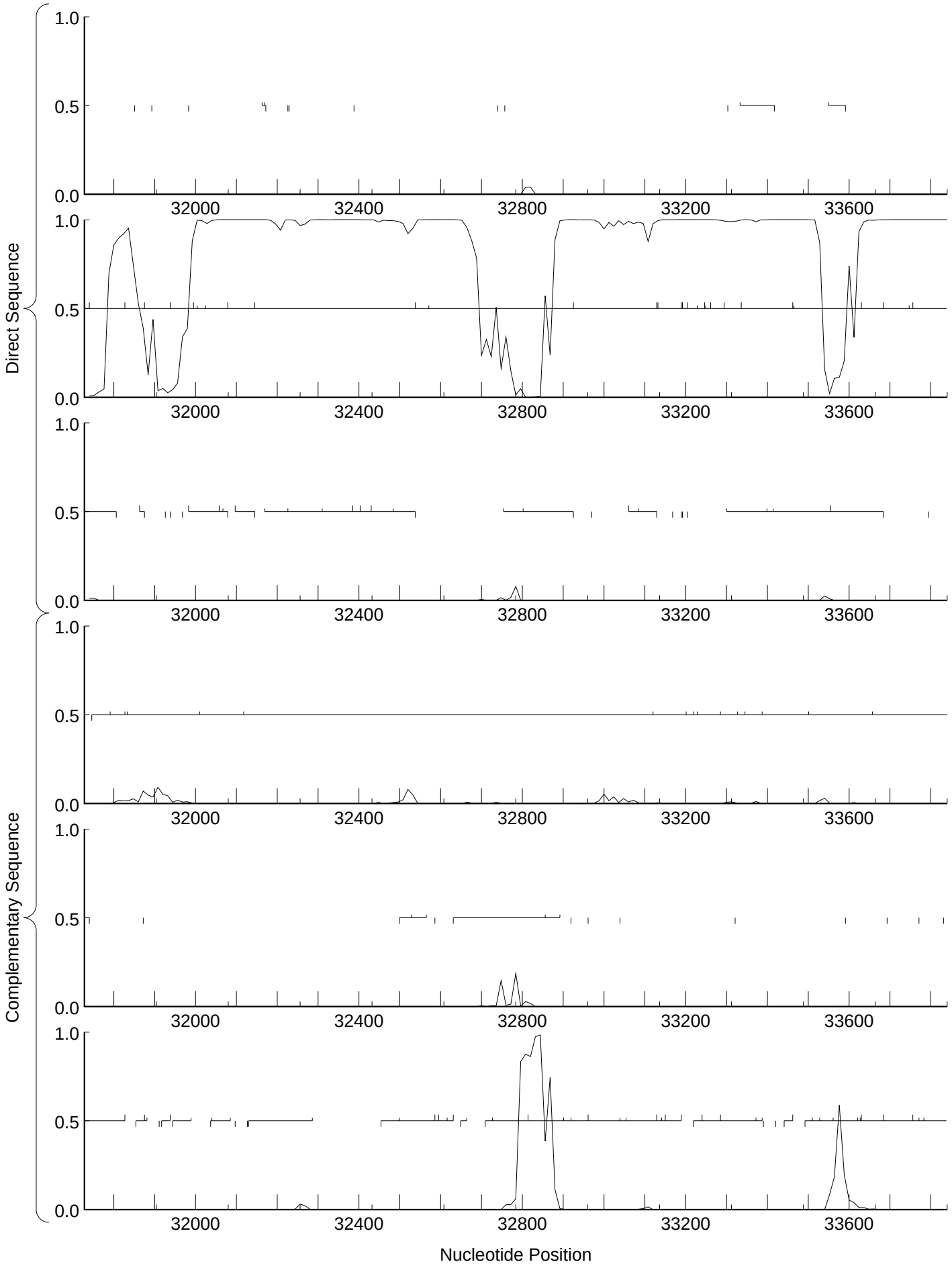
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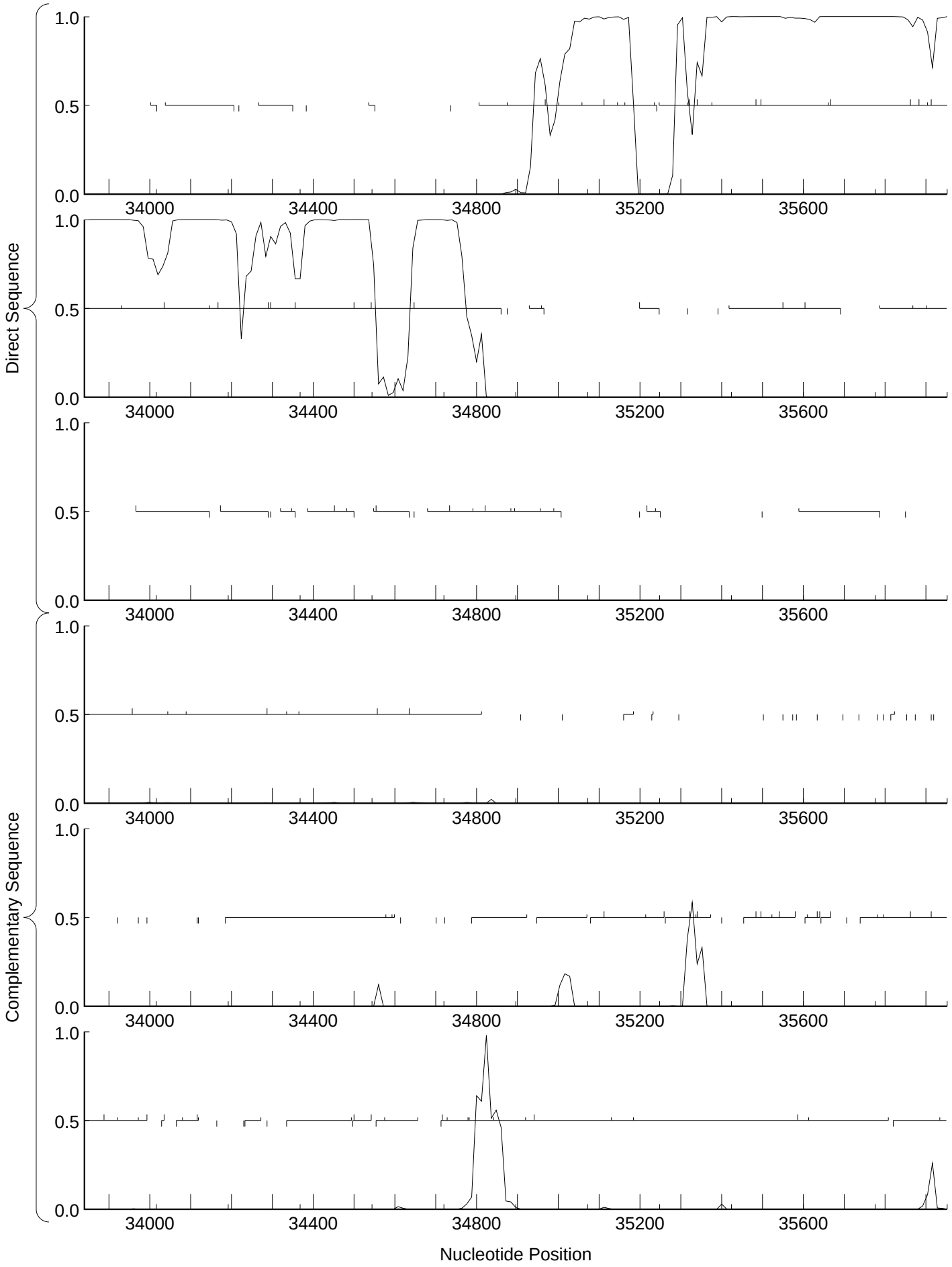
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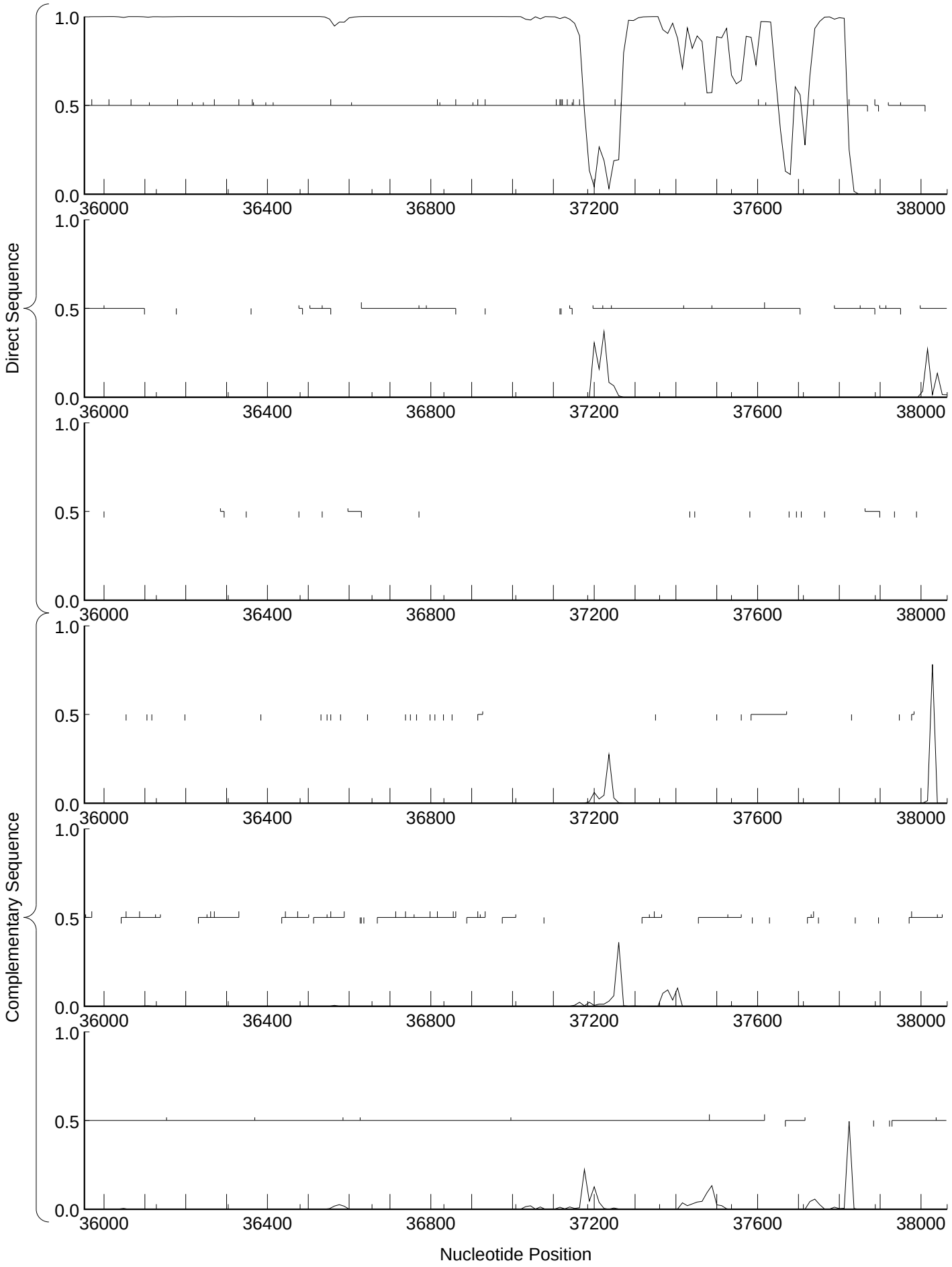
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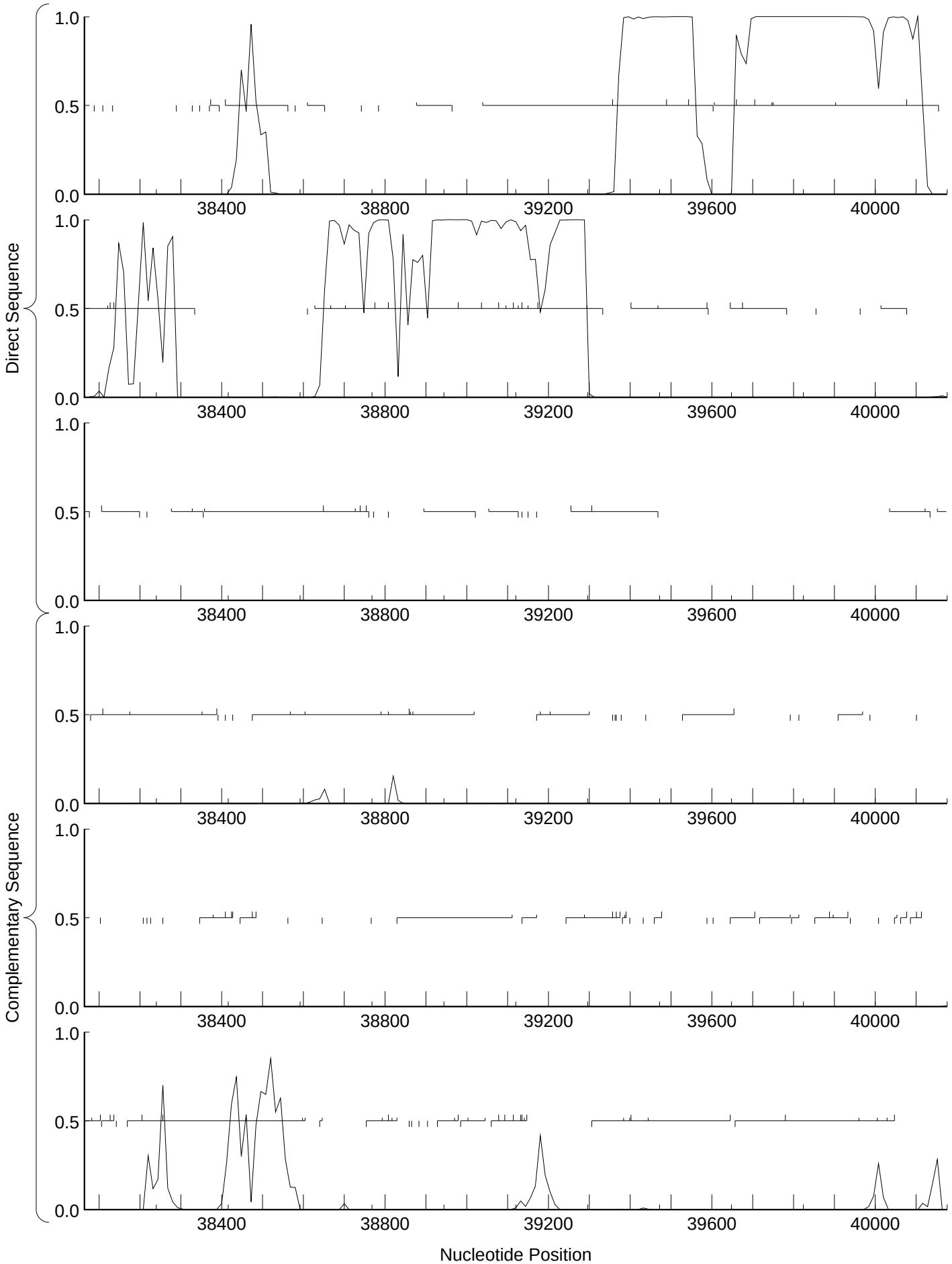
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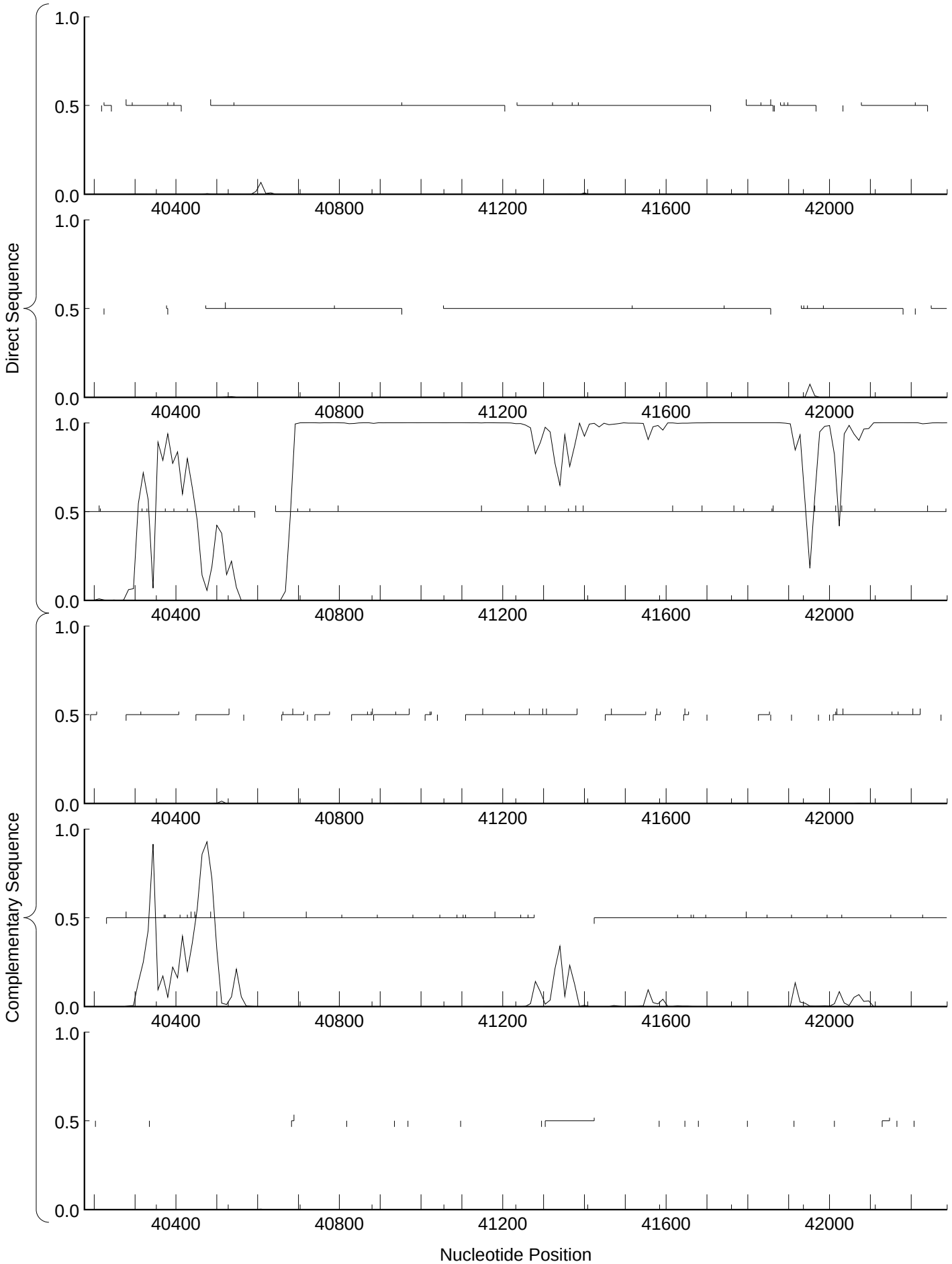
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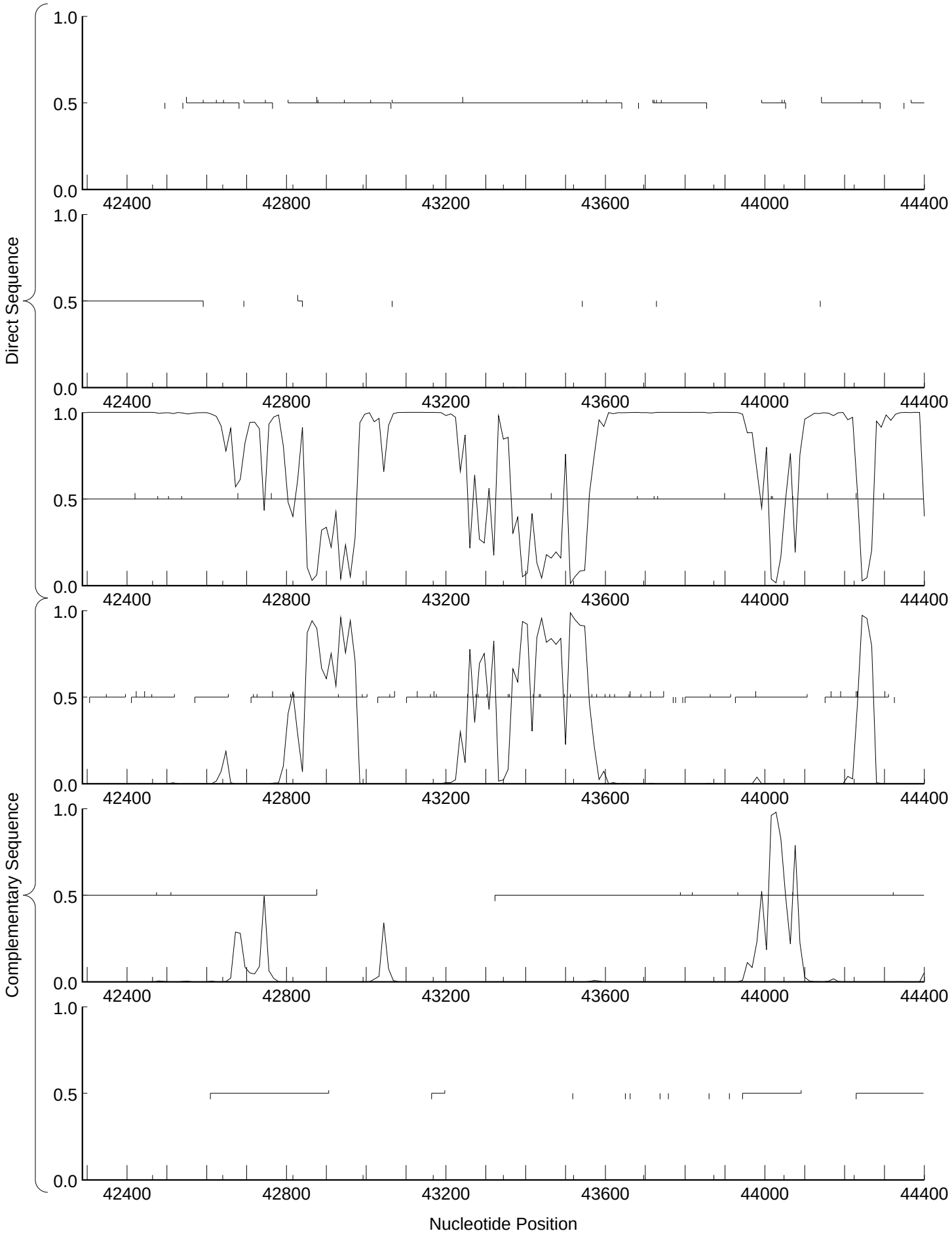
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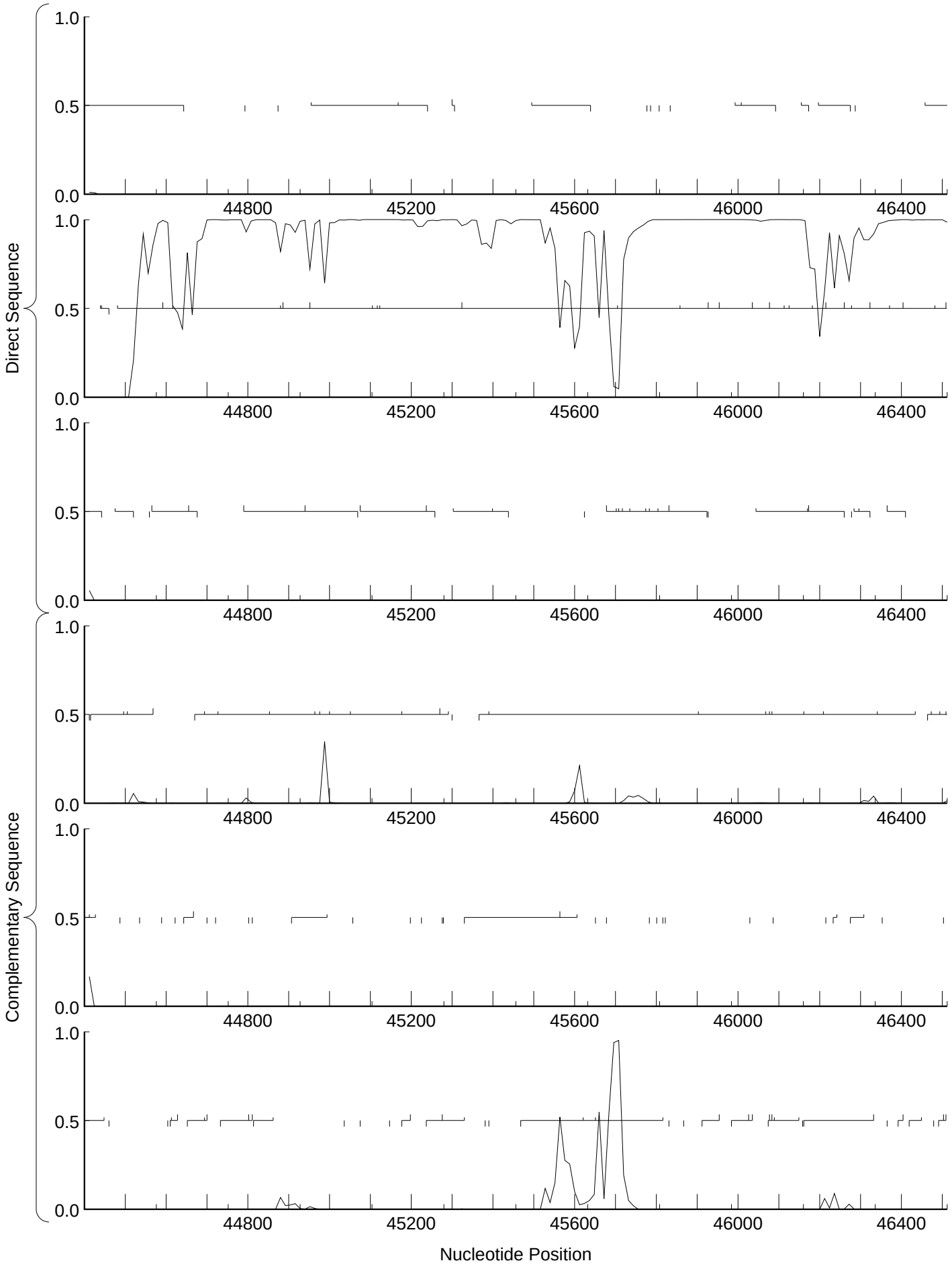
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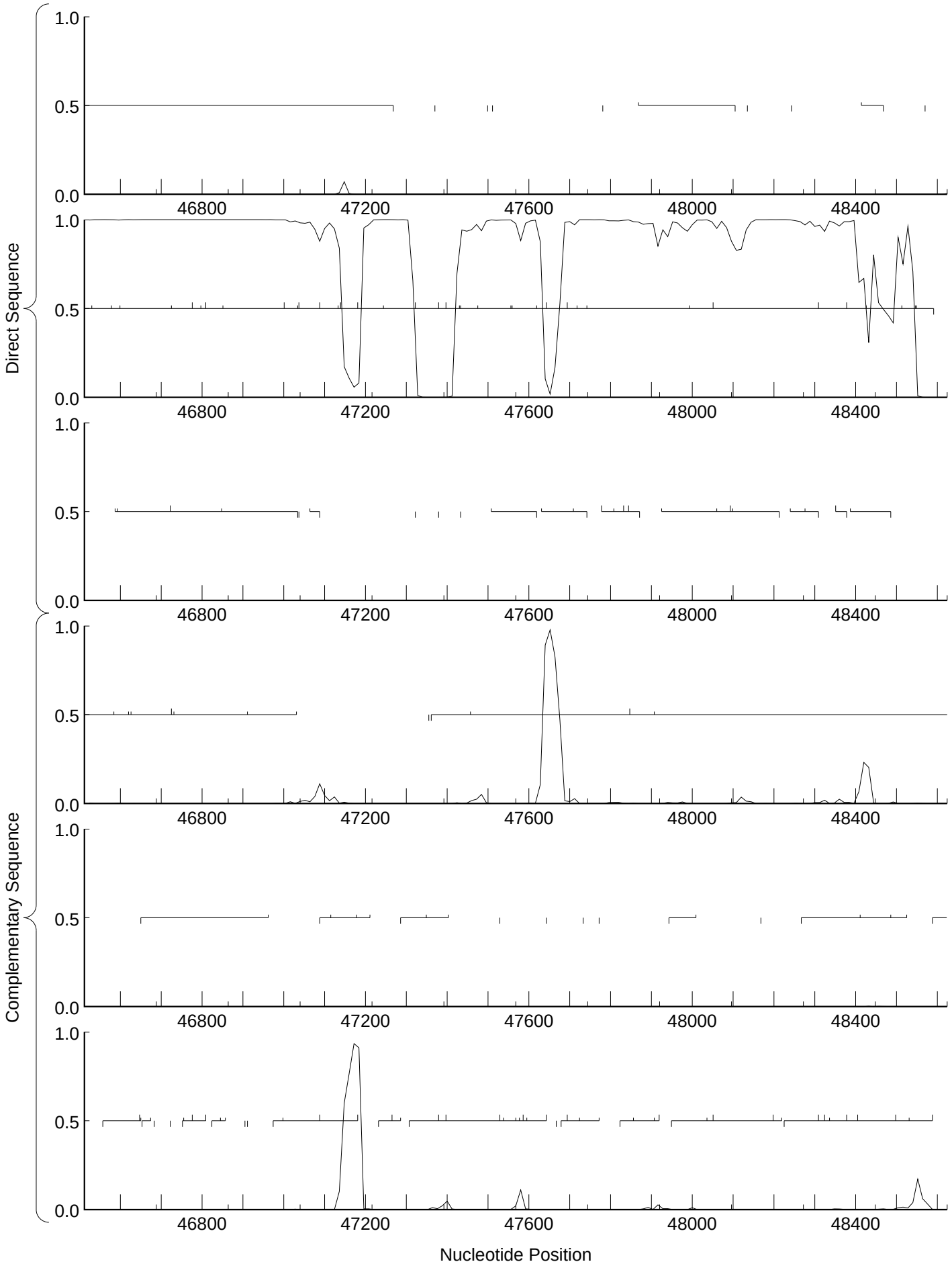
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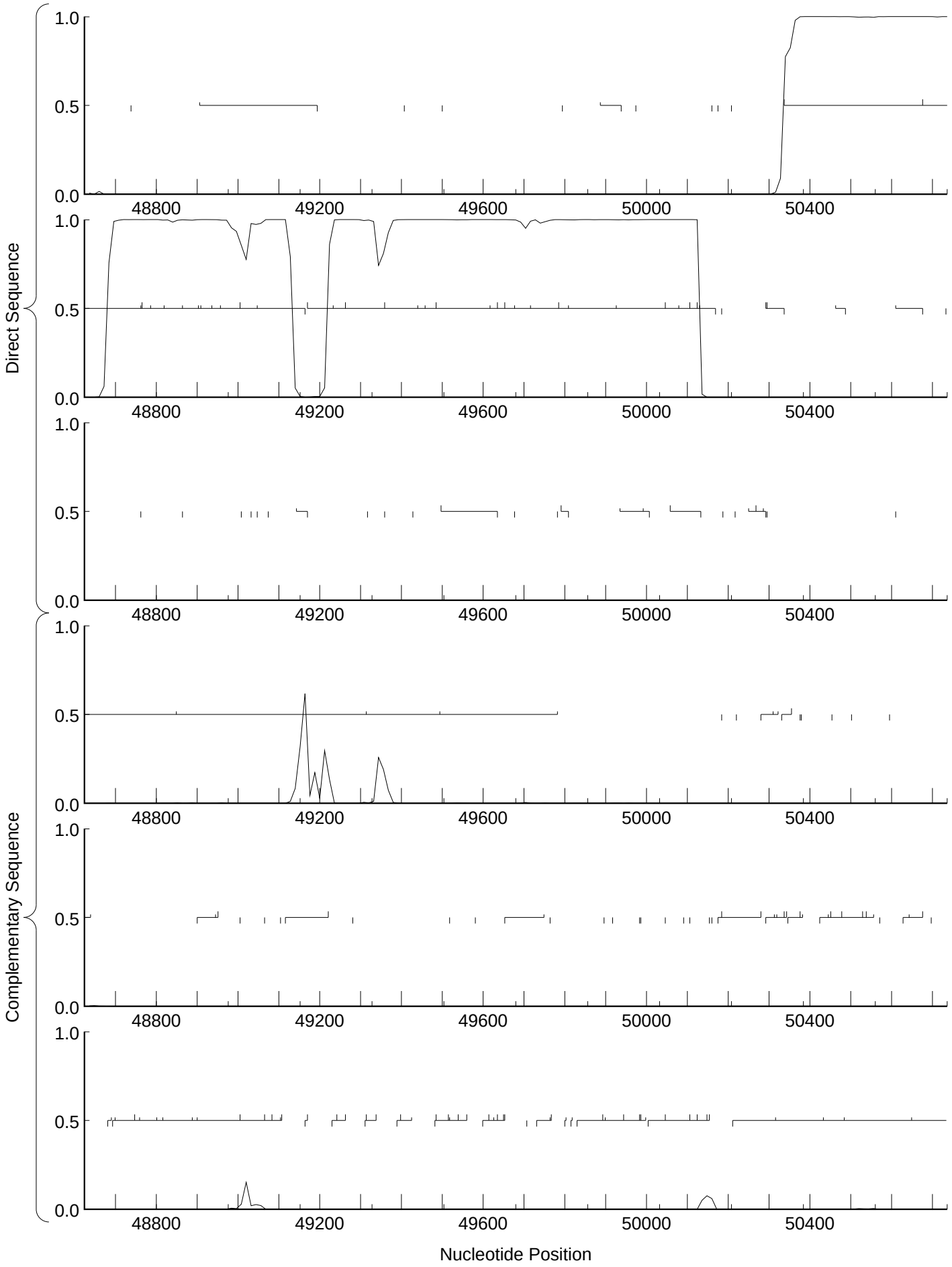
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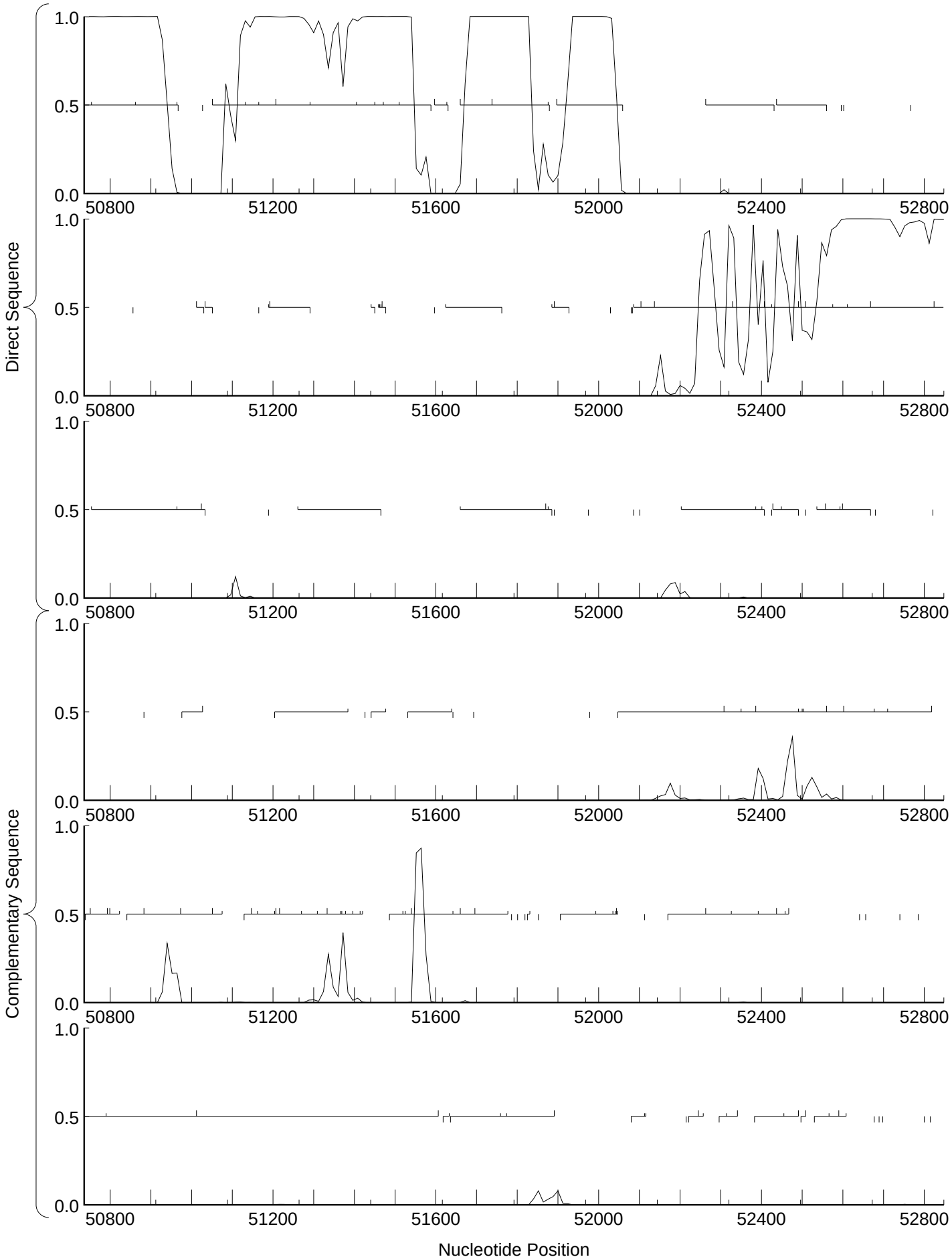
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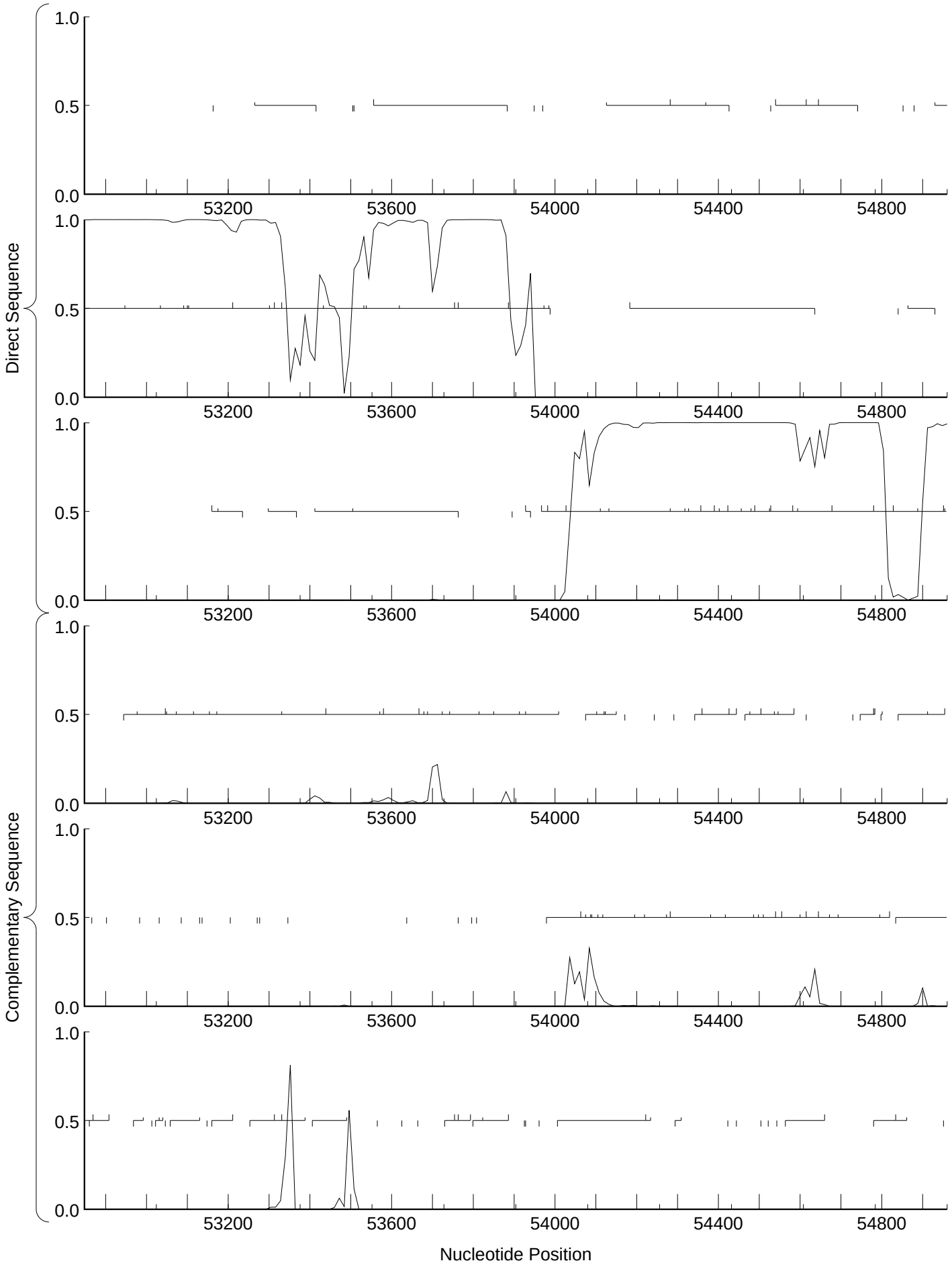
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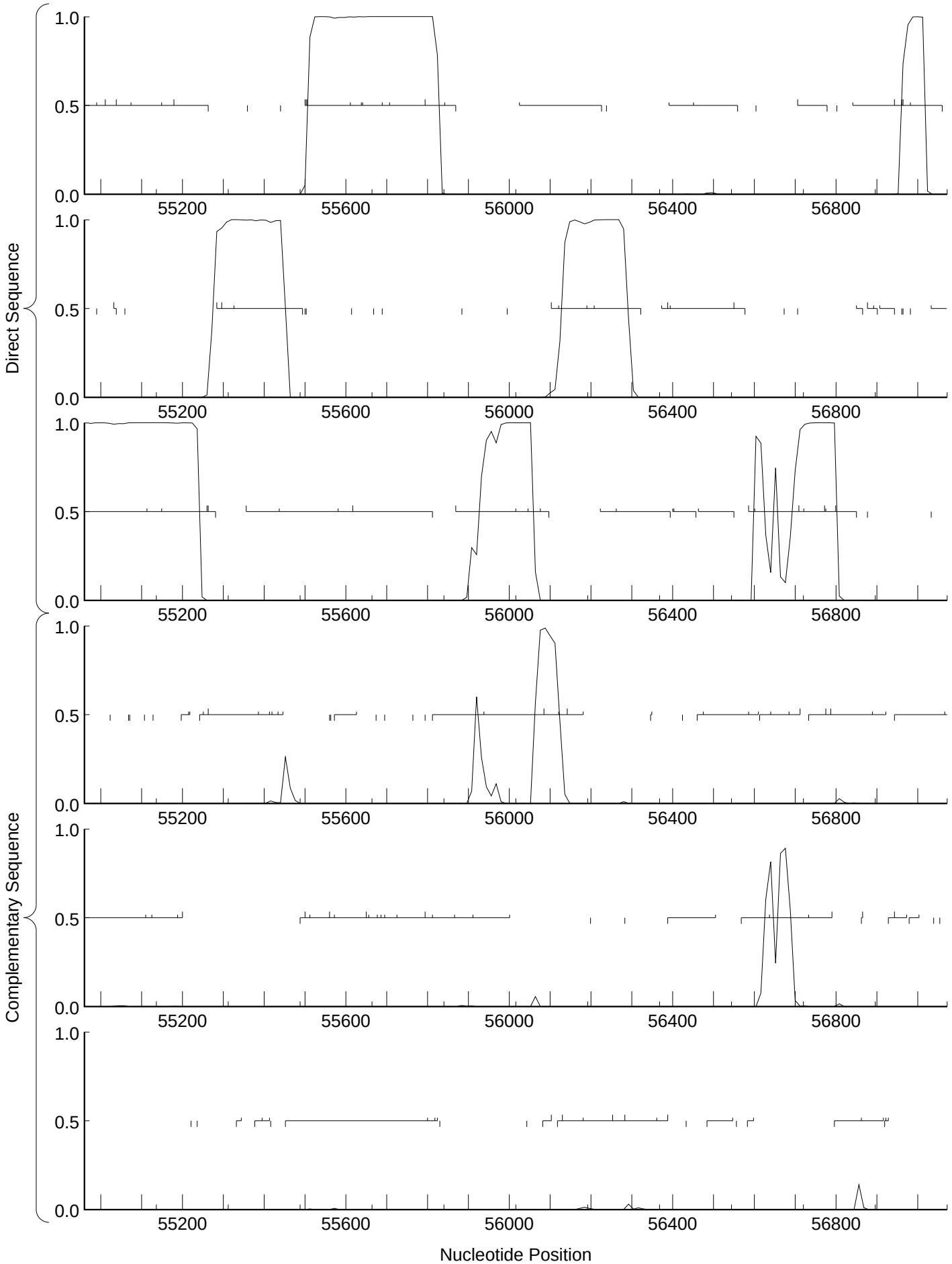


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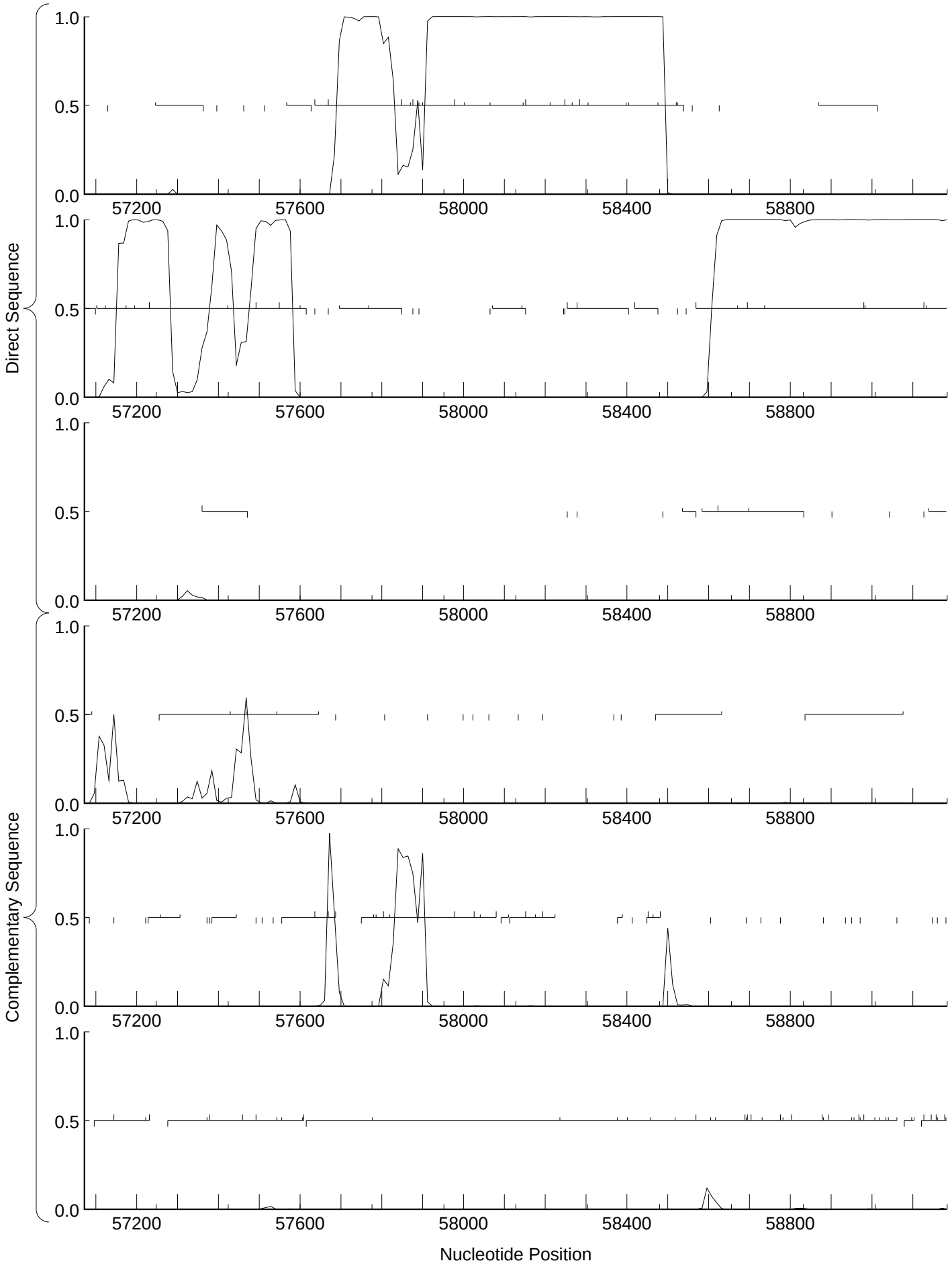


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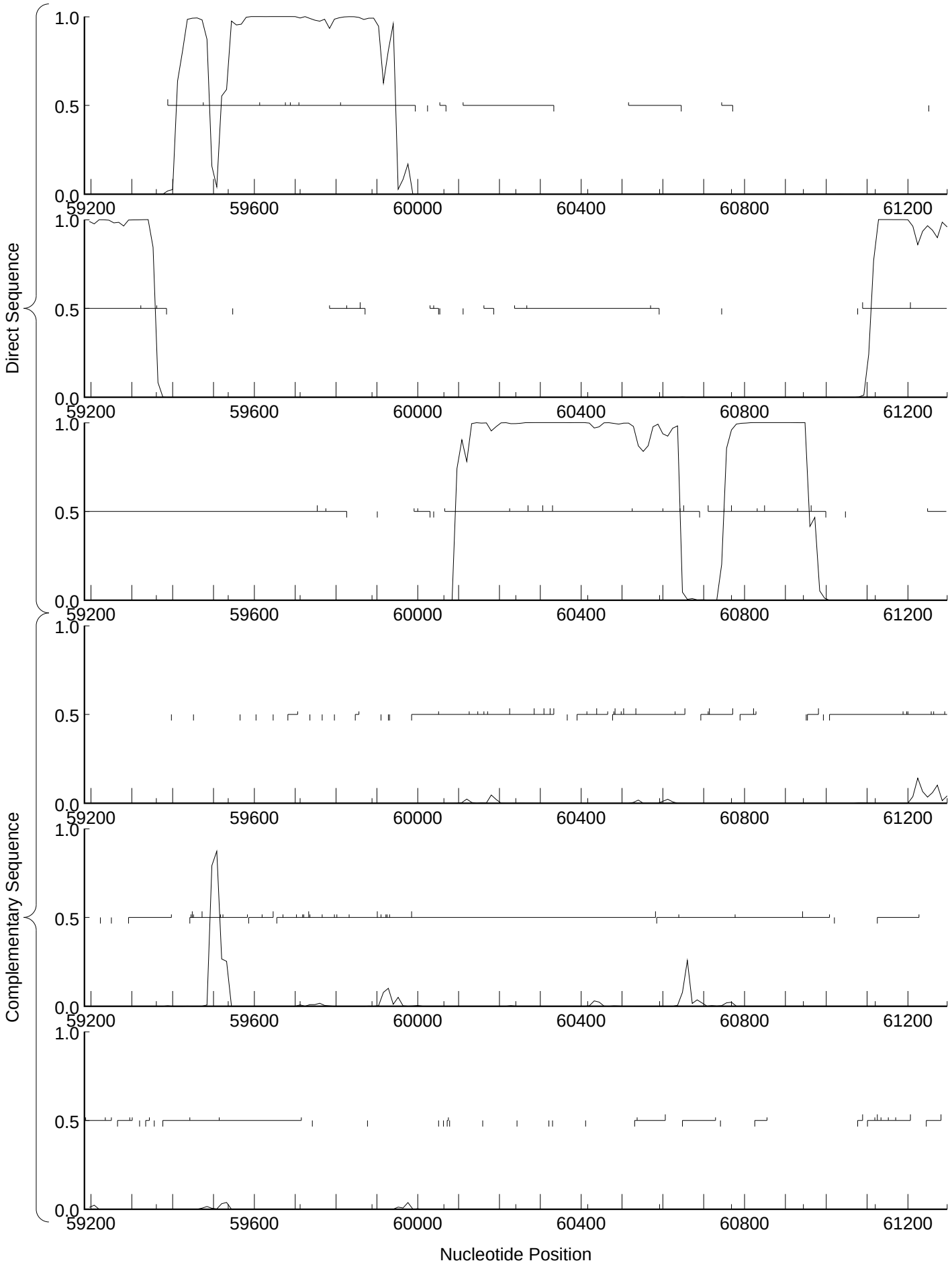



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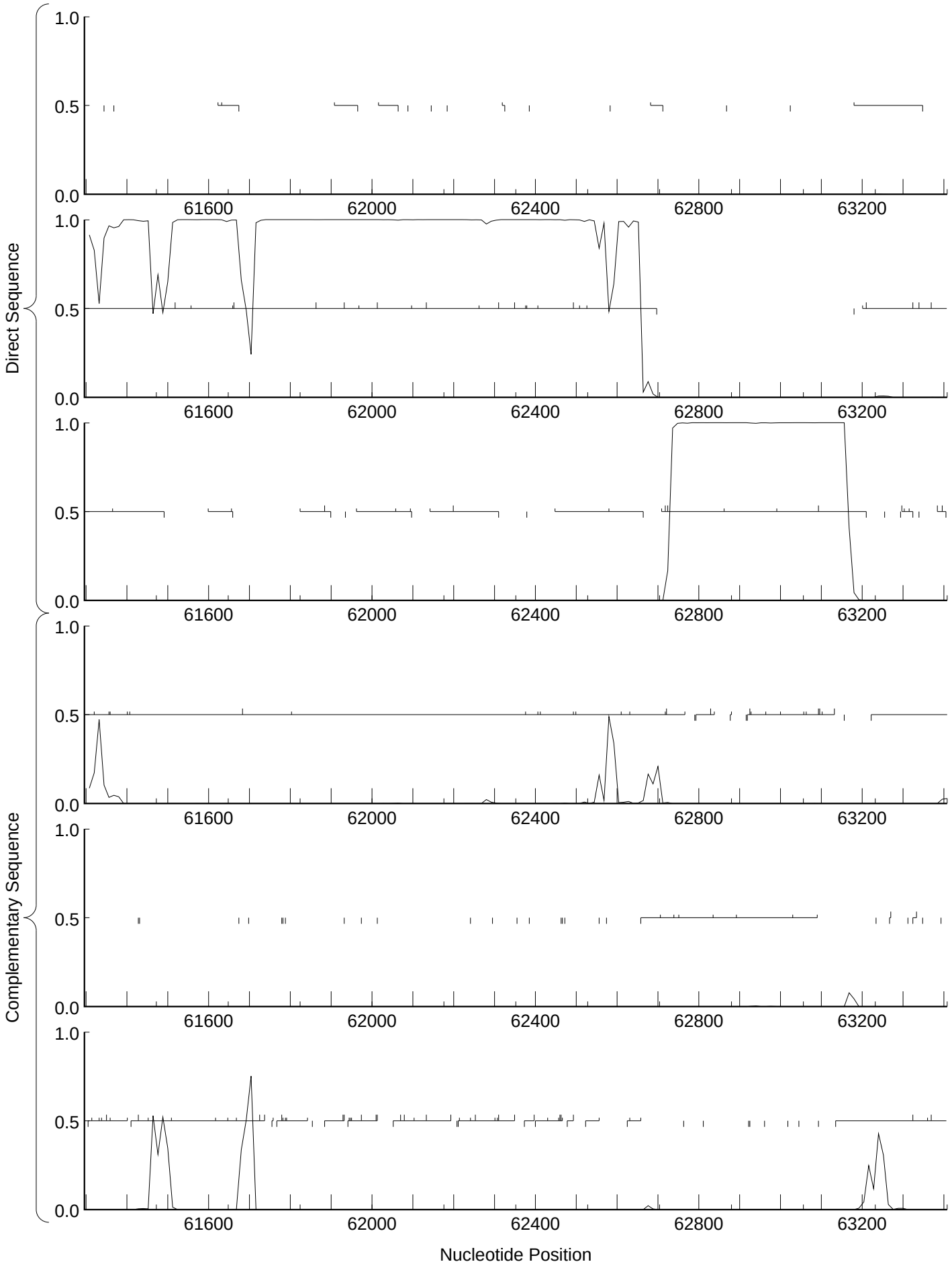
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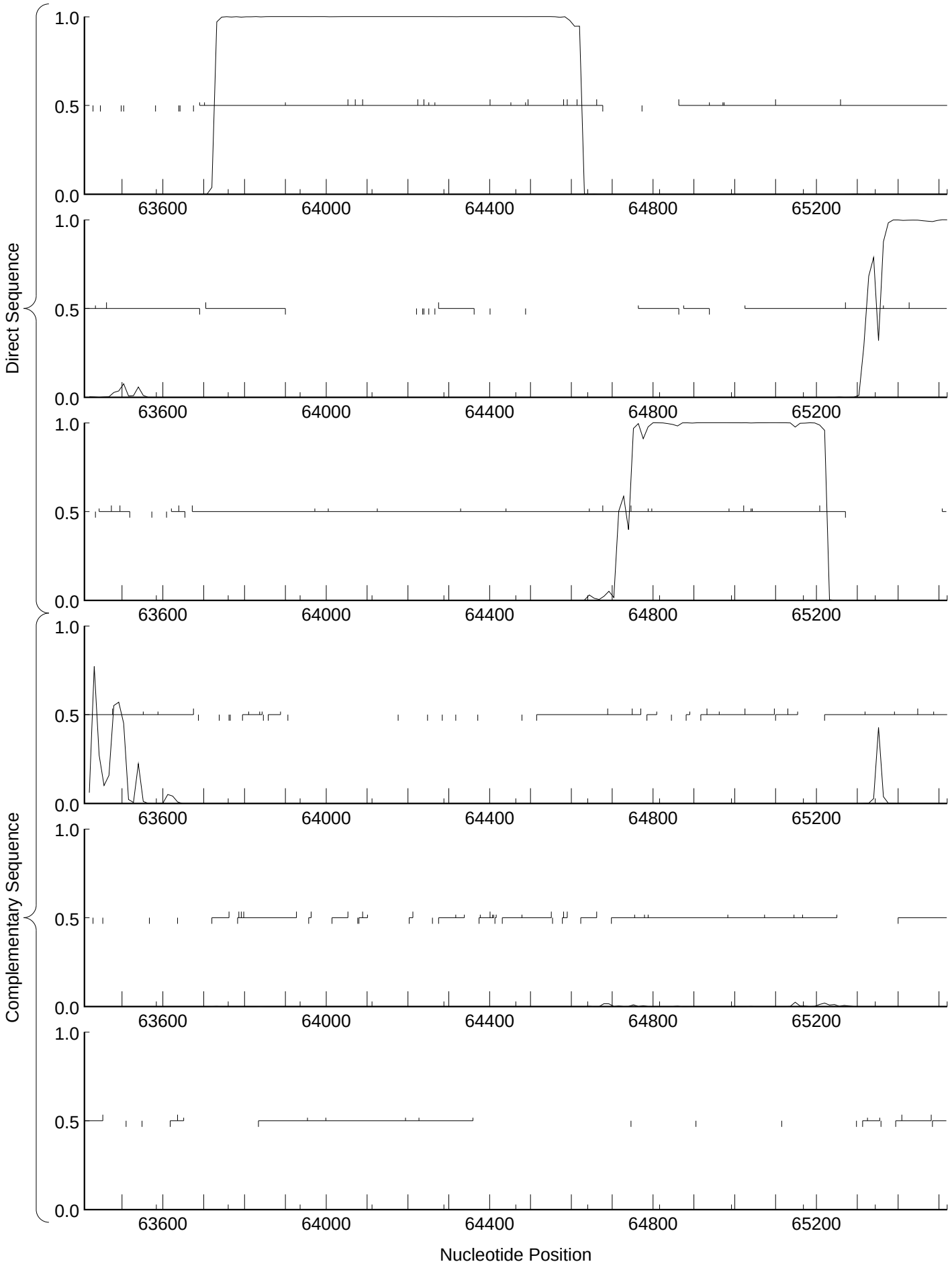
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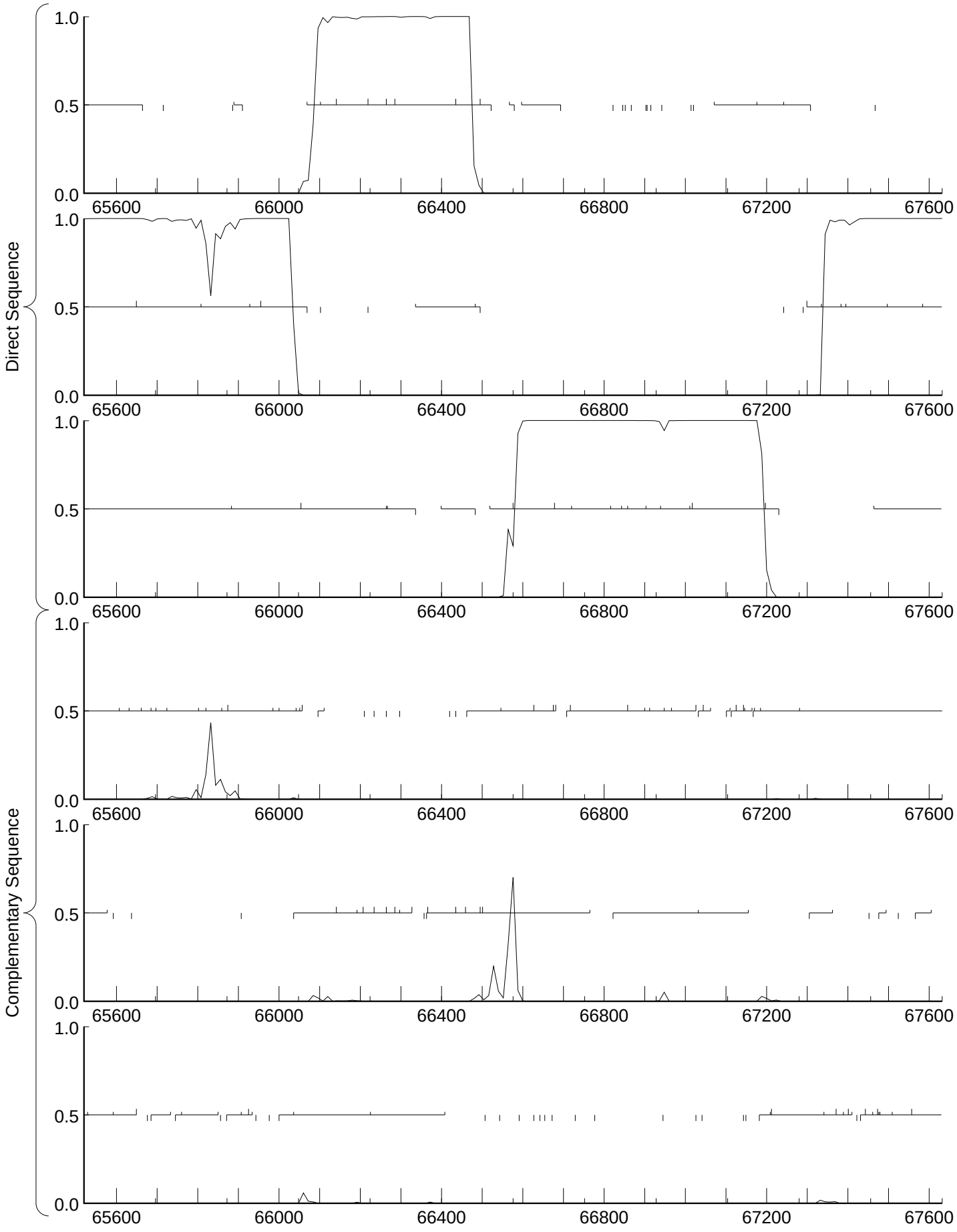
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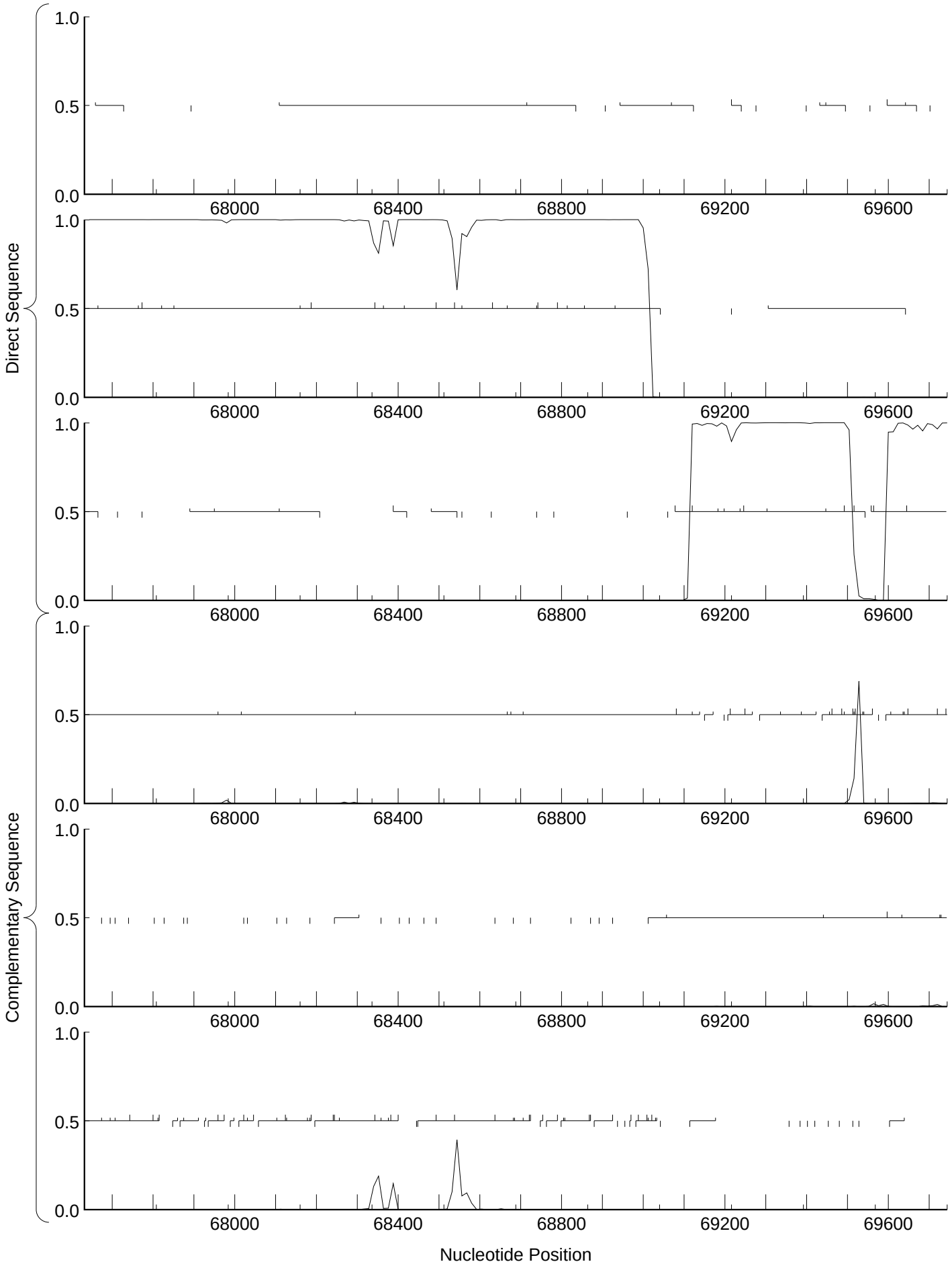
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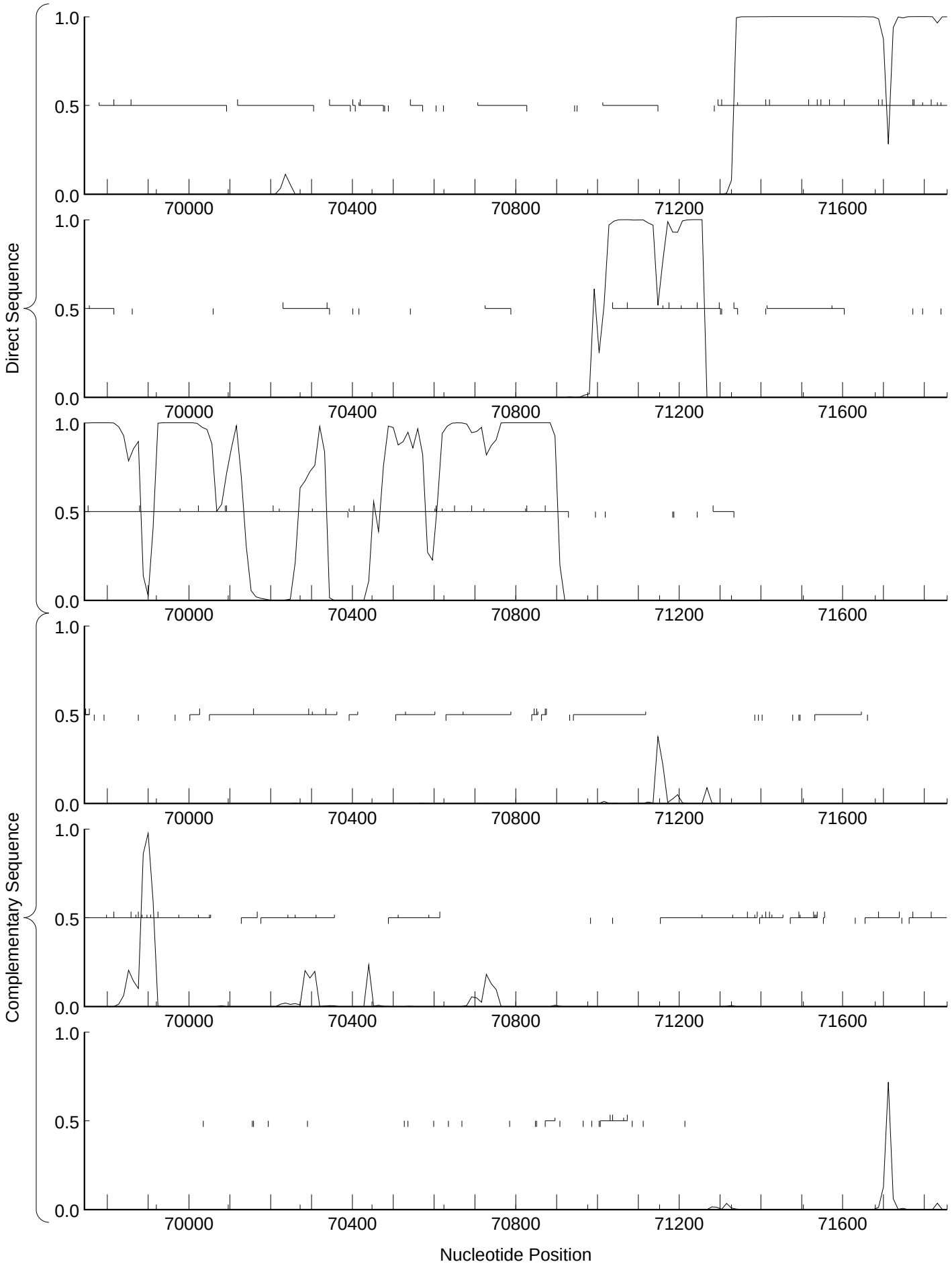
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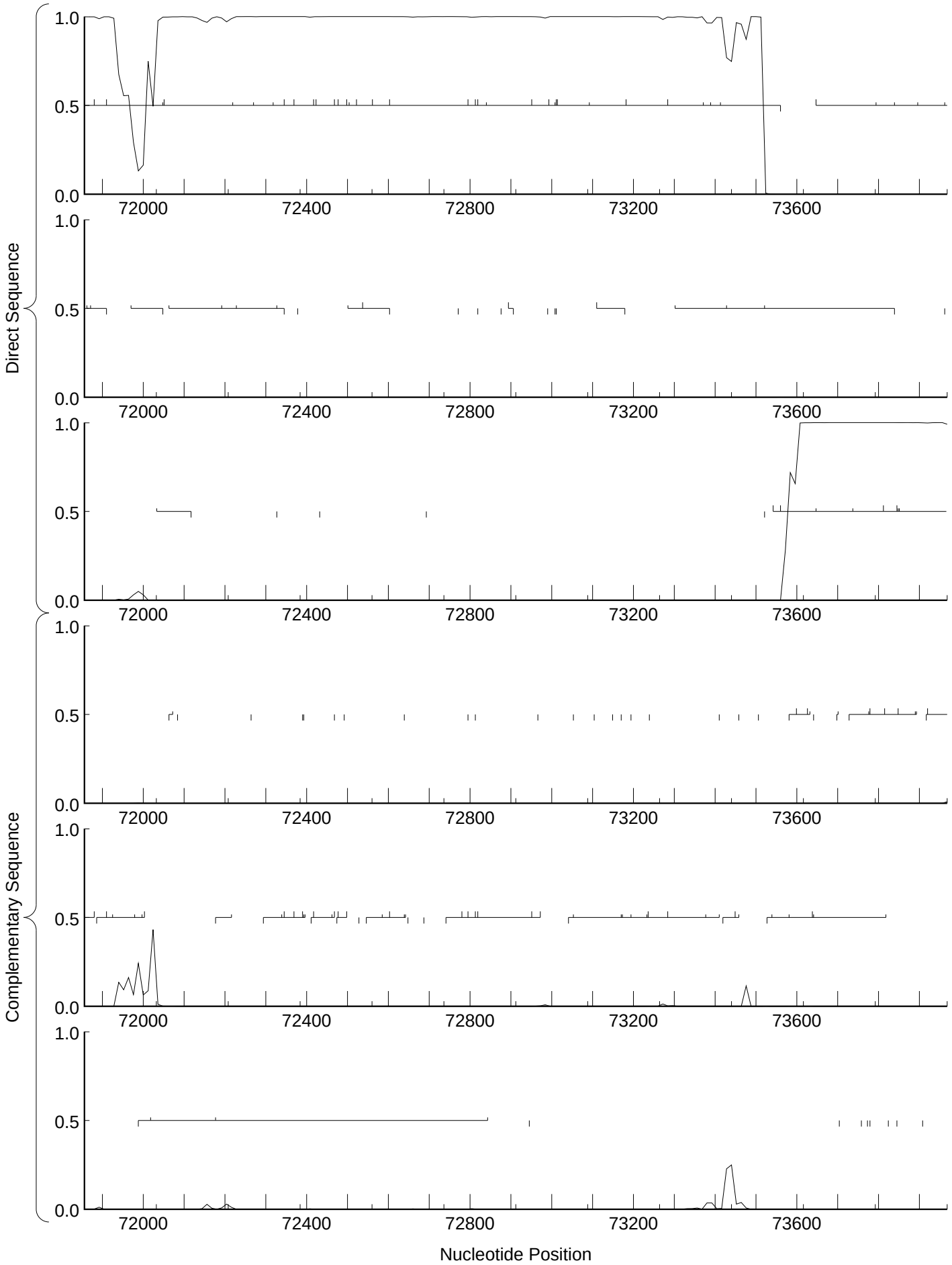


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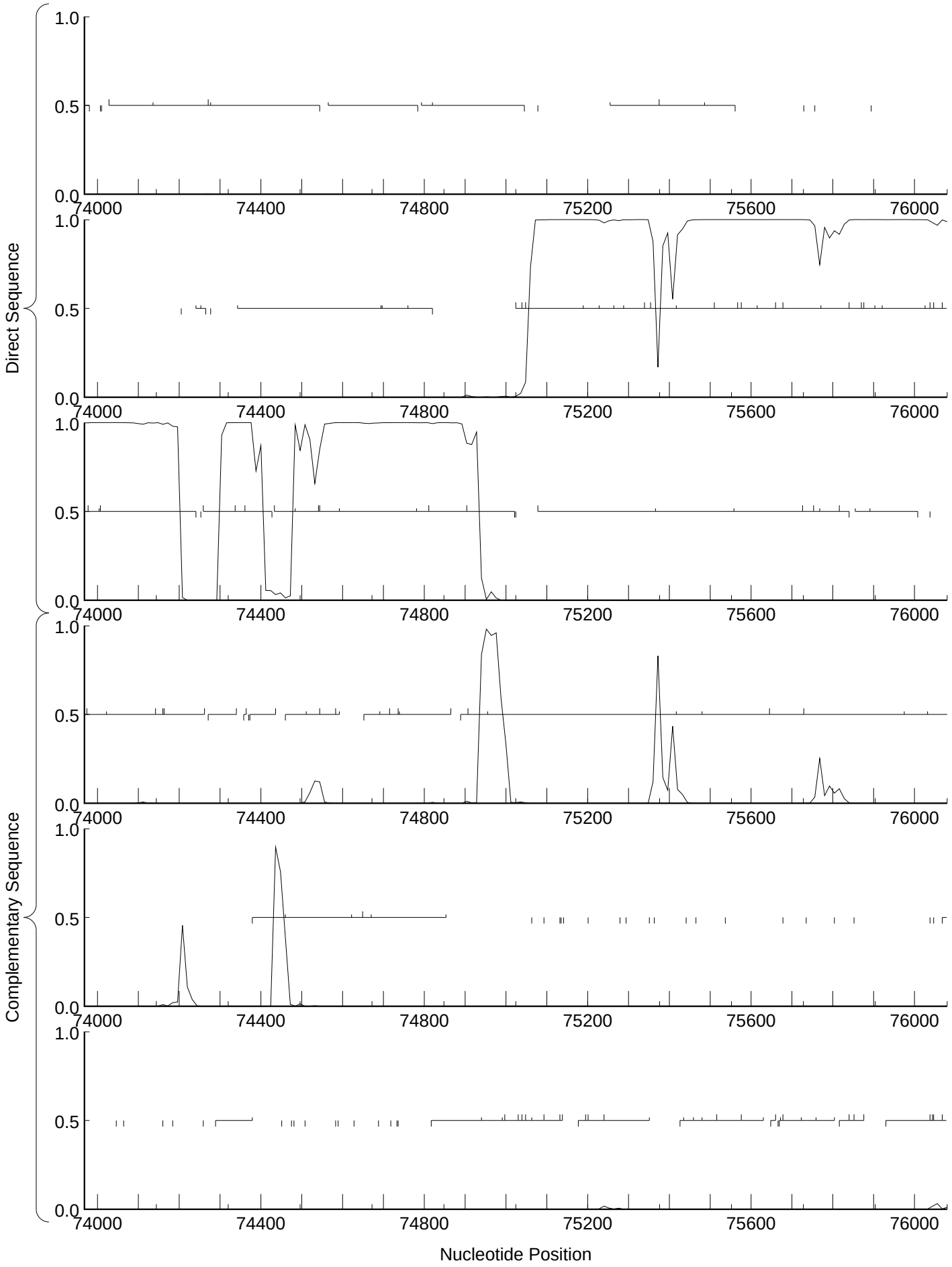


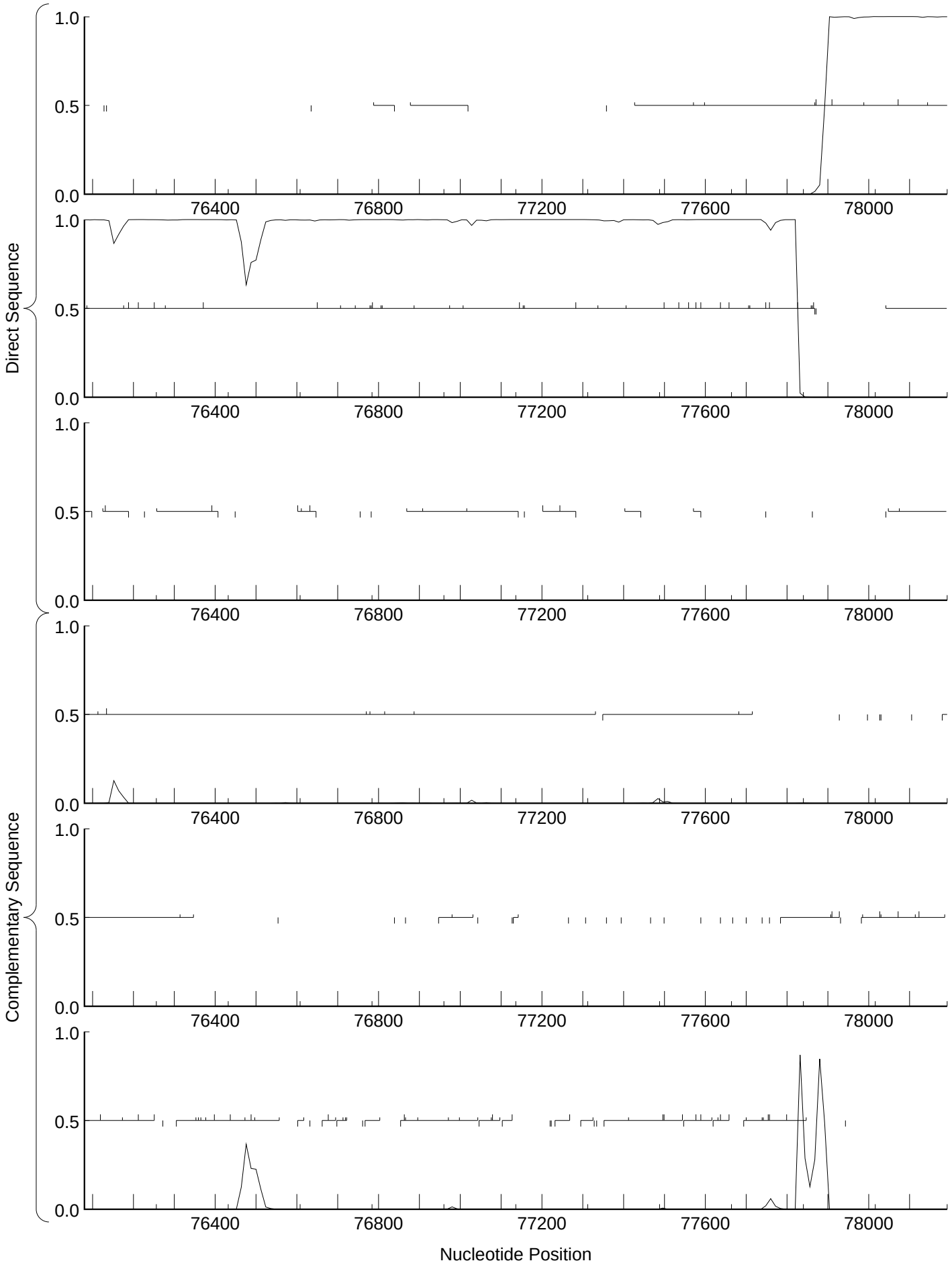
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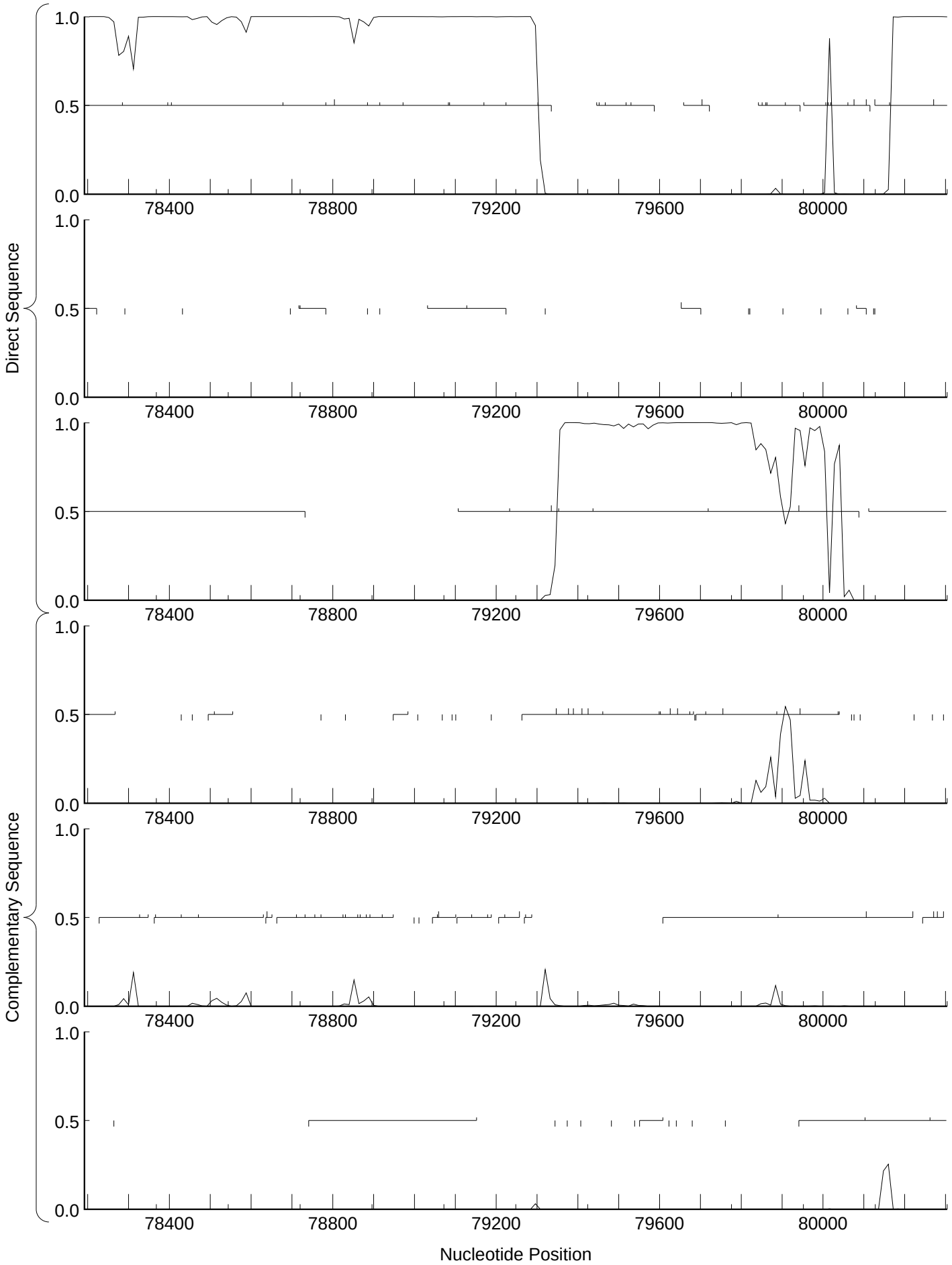

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Complementary Sequence
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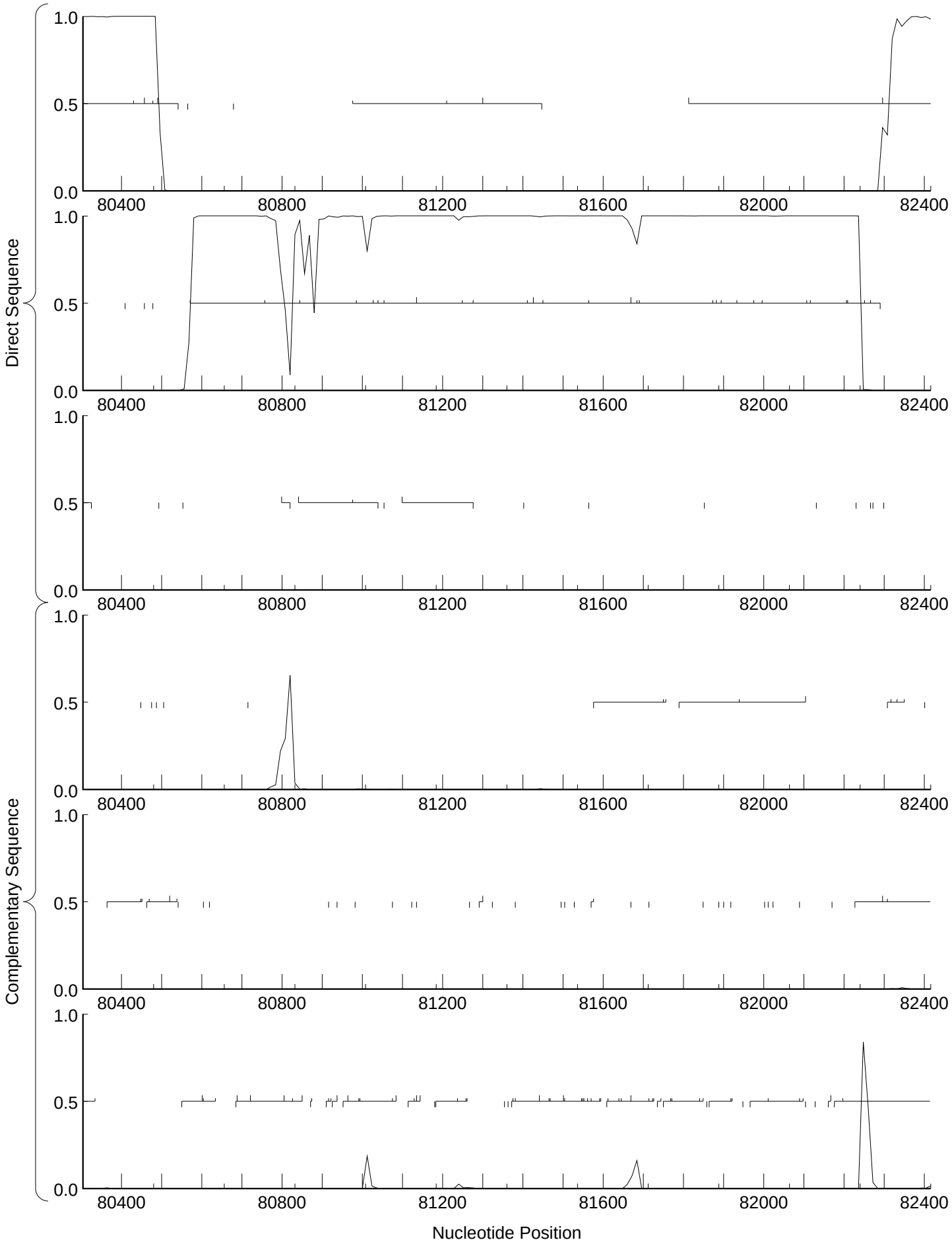


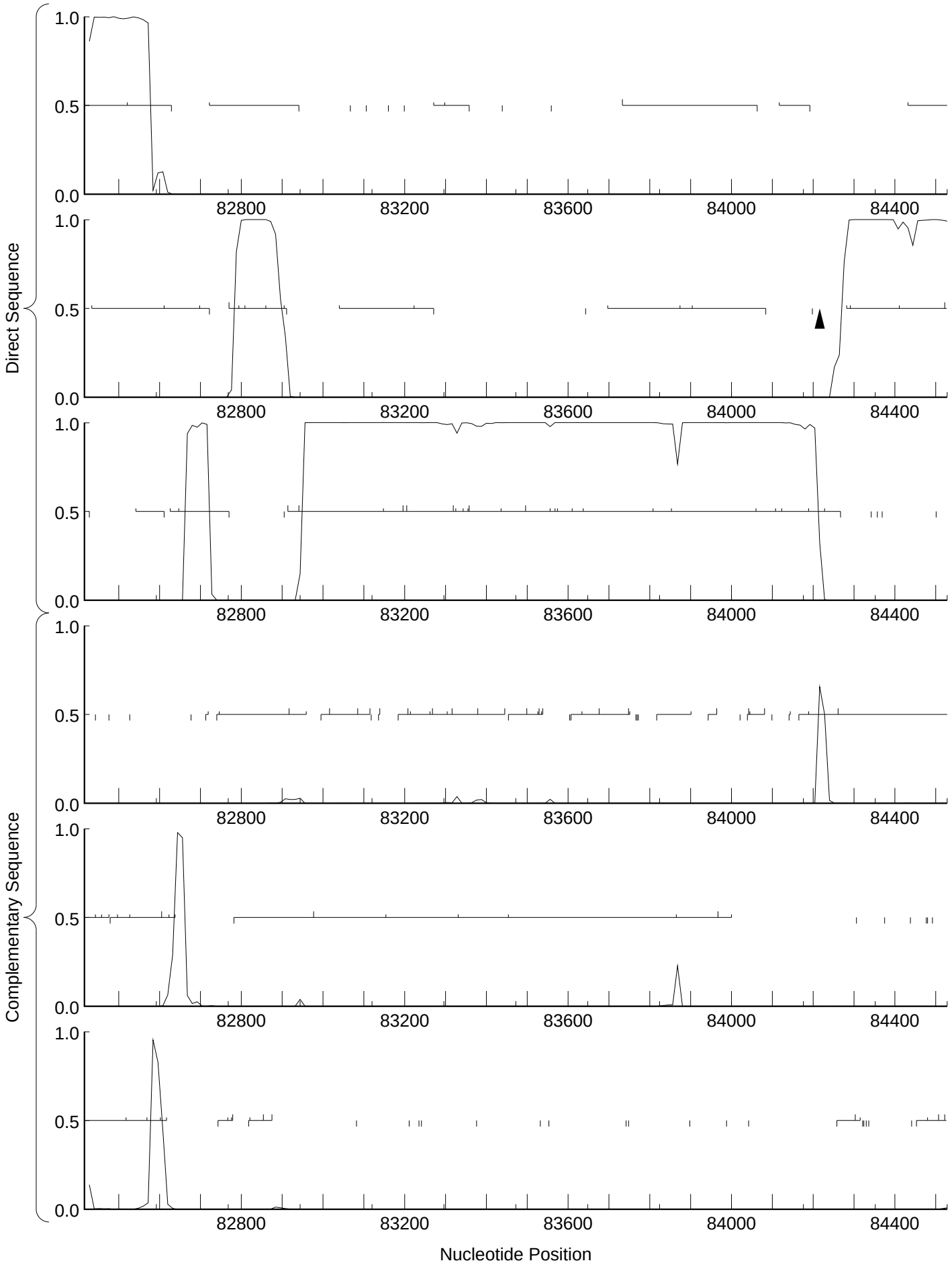

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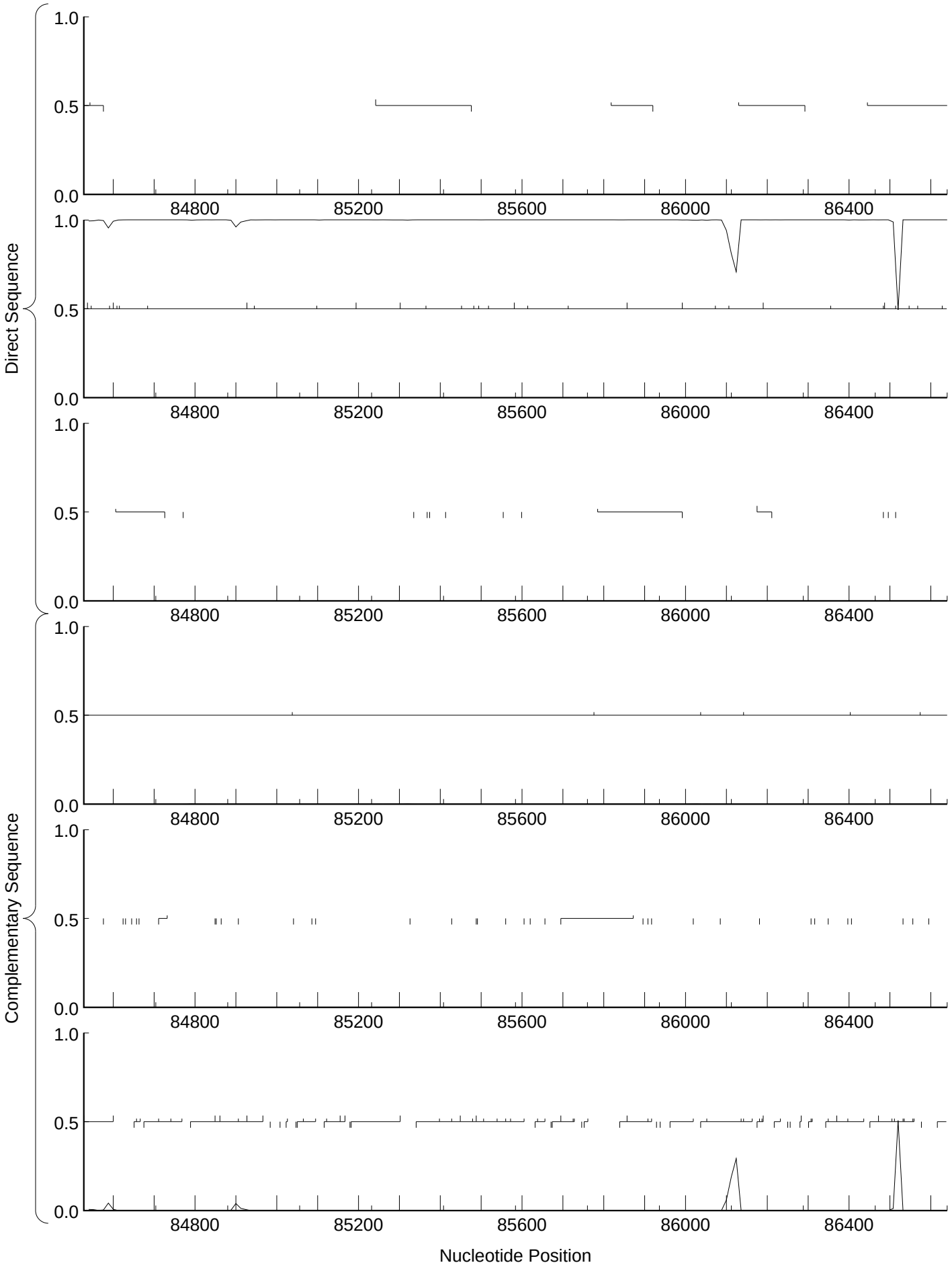


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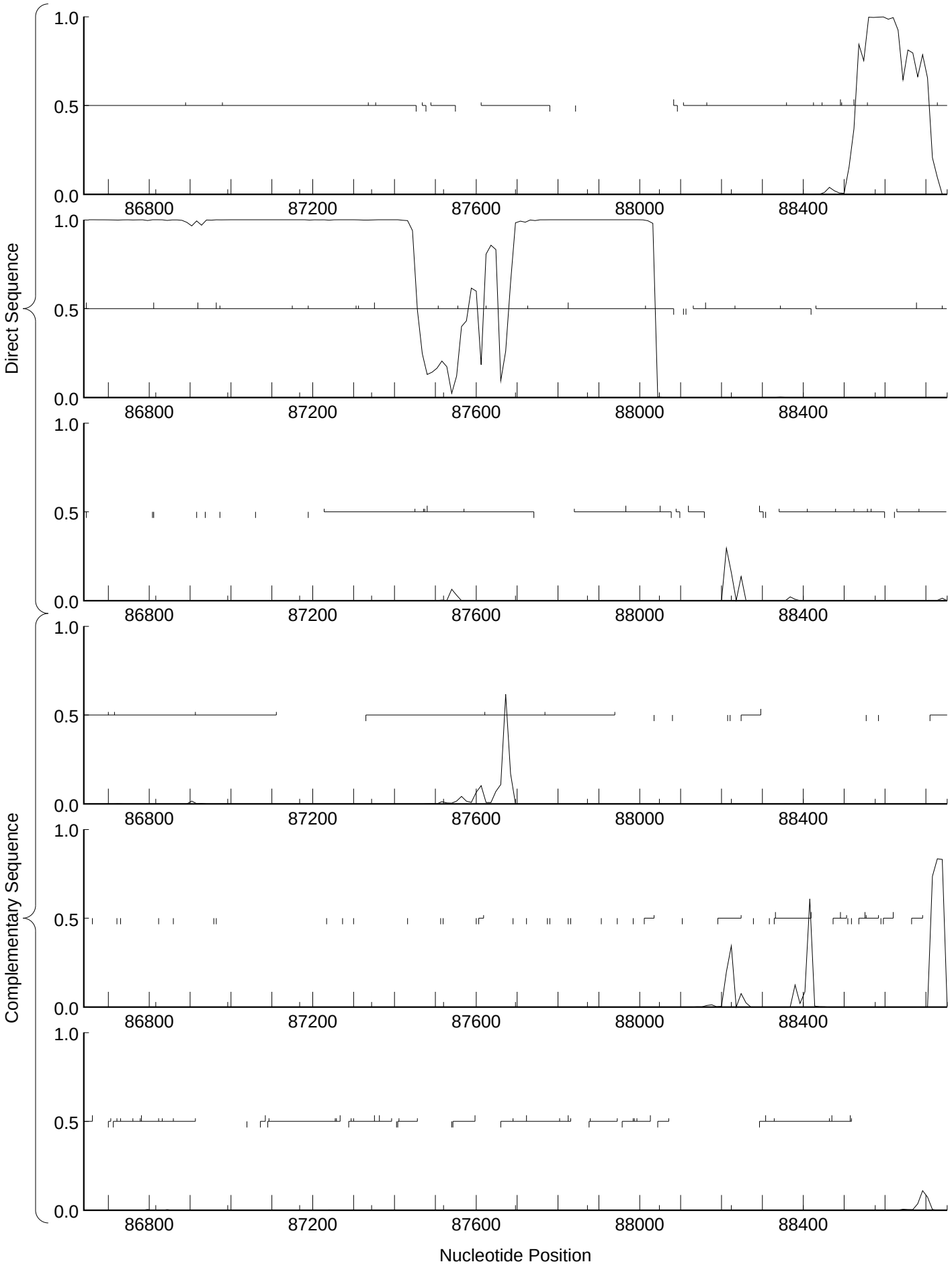


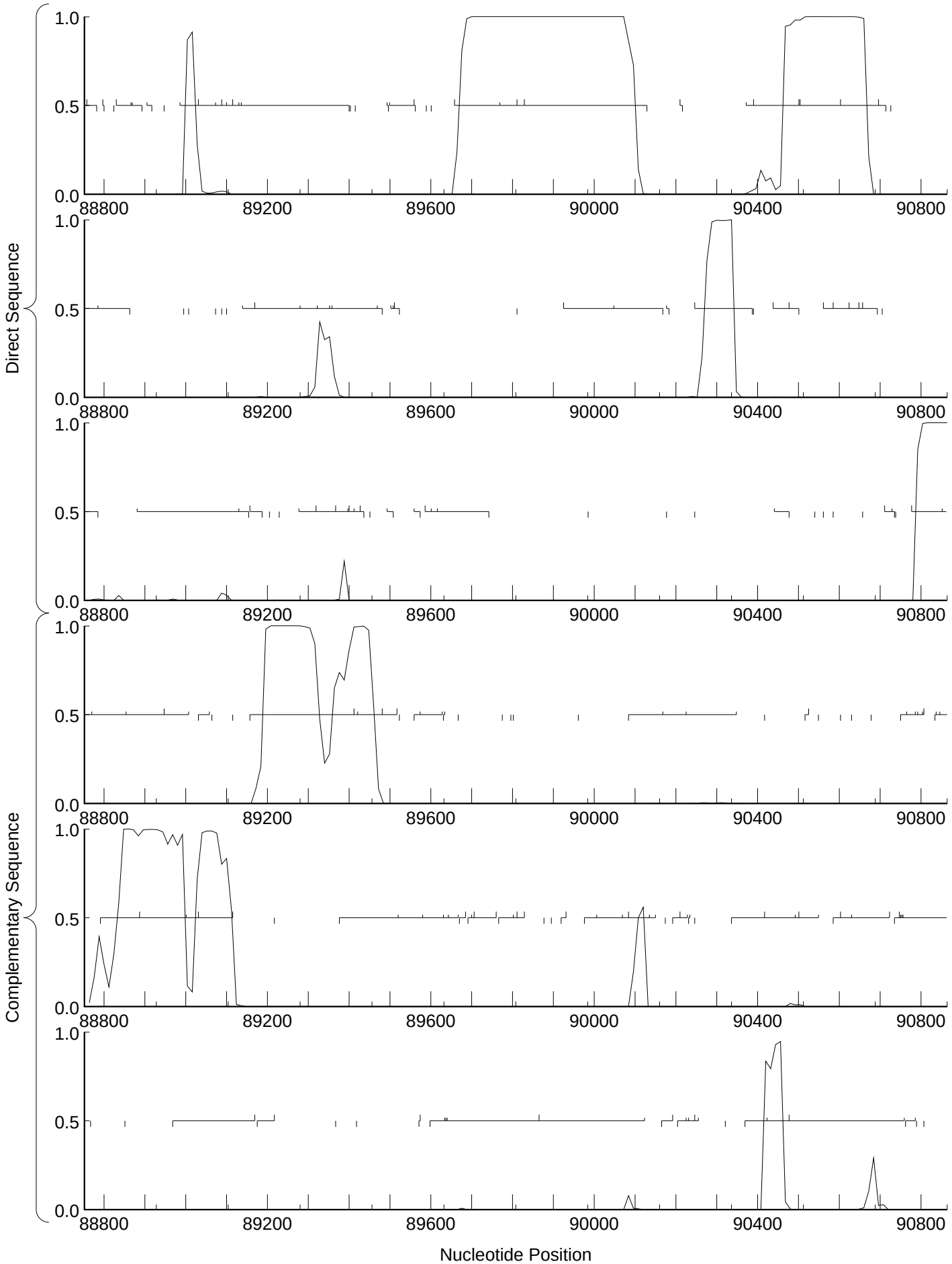

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Nucleotide Position

cterium phage SilverDipper complete sequence, 155812 bp, circularly permuted, Cluster C1, Order 4, Window 96, Step 12, 42/75

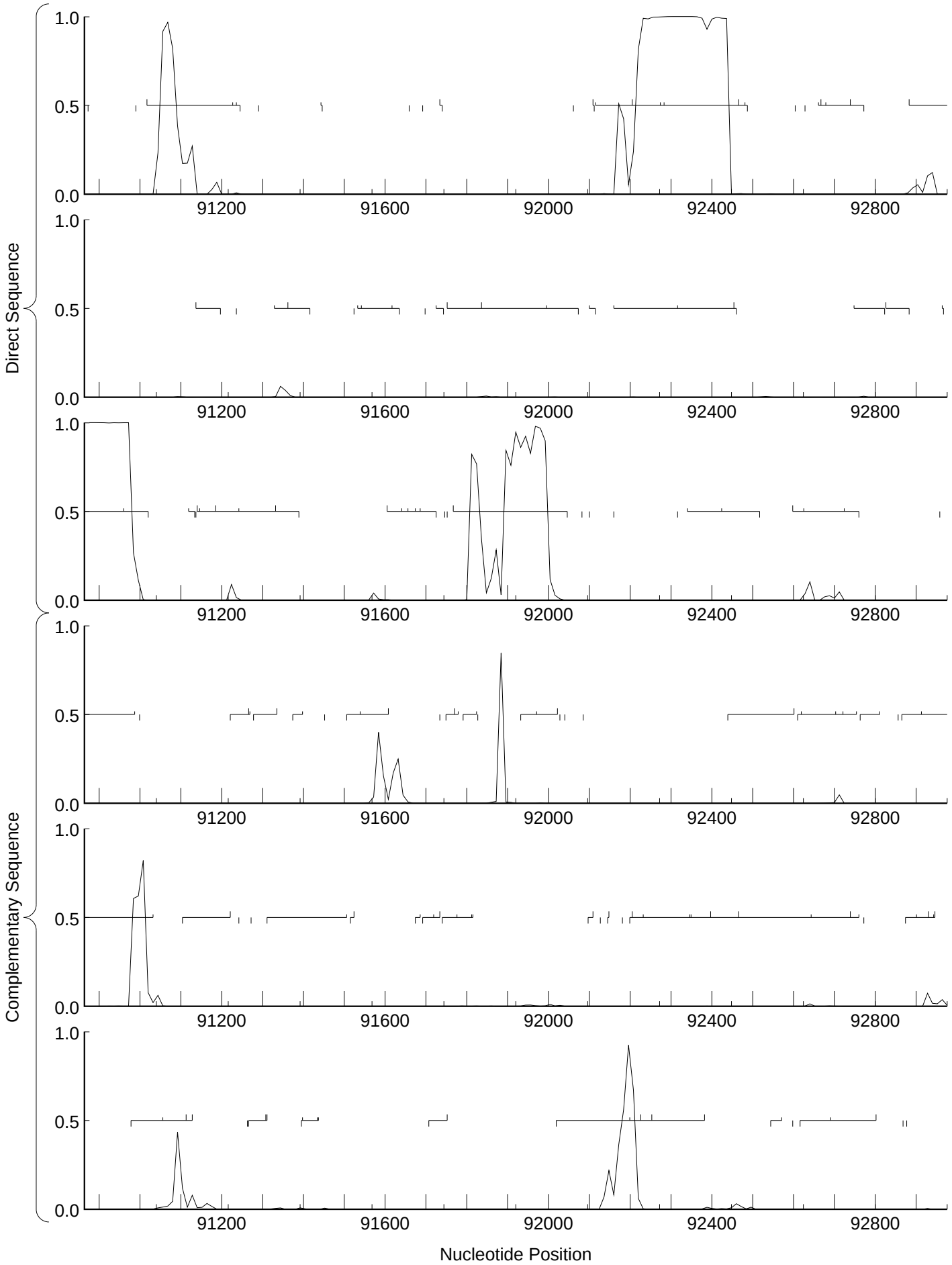


acterium phage SilverDipper complete sequence, 155812 bp, circularly permuted, Cluster C1, Order 4, Window 96, Step 12, 43/75

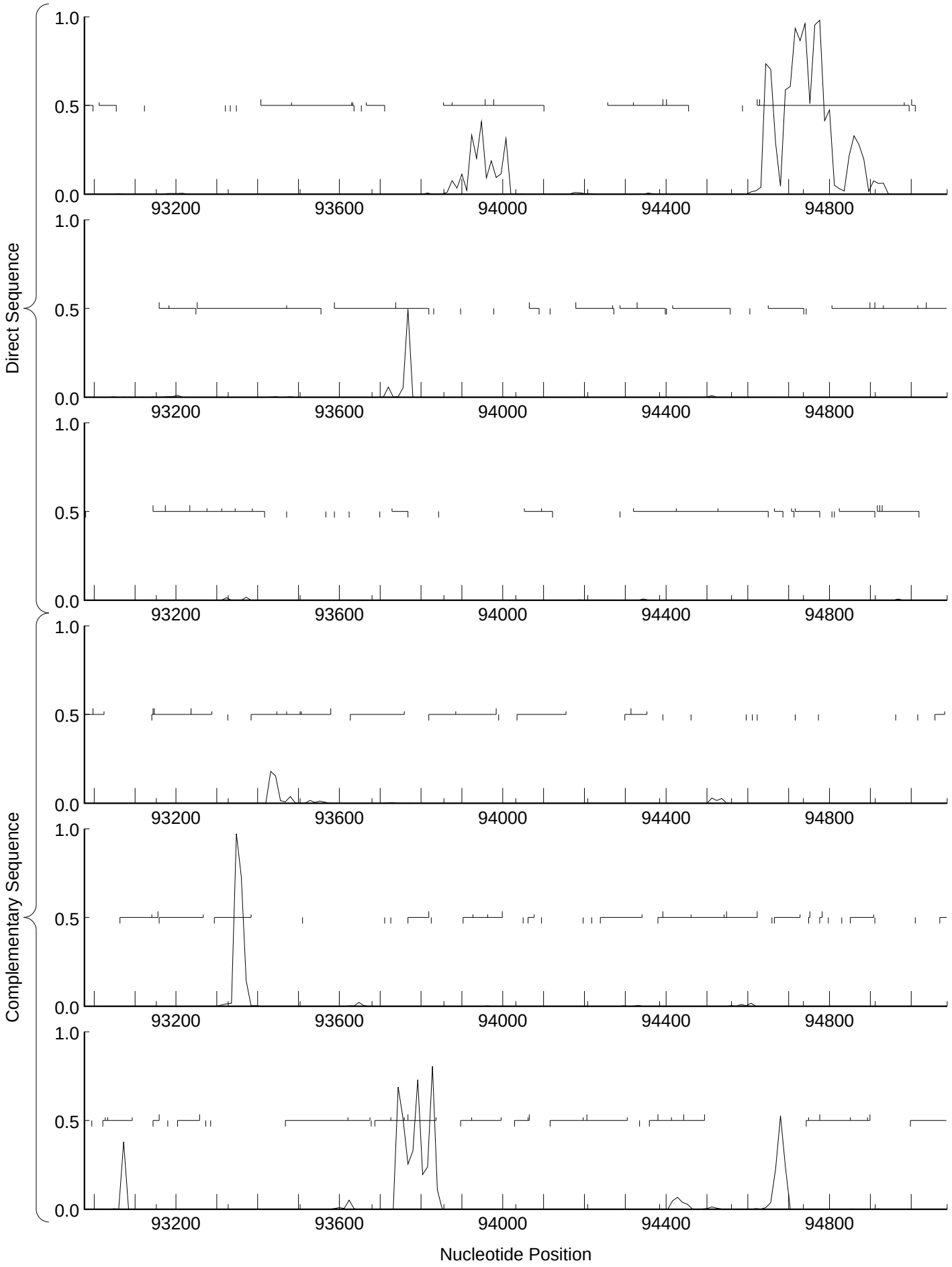



Direct Sequence
Complementary Sequence
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0.5
0.0
88800
89200
89600
90000
90400
90800
Nucleotide Position

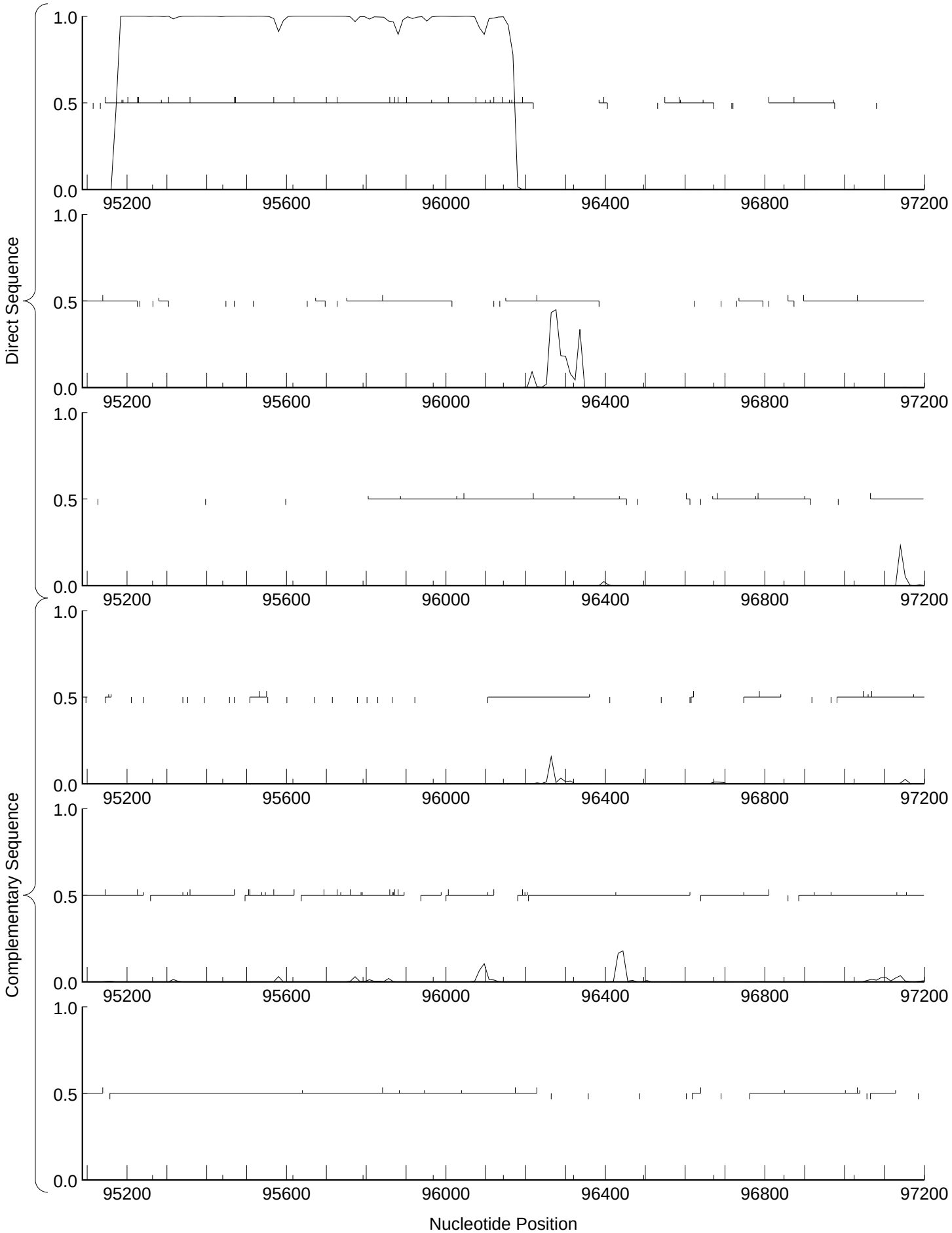
cterium phage SilverDipper complete sequence, 155812 bp, circularly permuted, Cluster C1, Order 4, Window 96, Step 12, 45/75



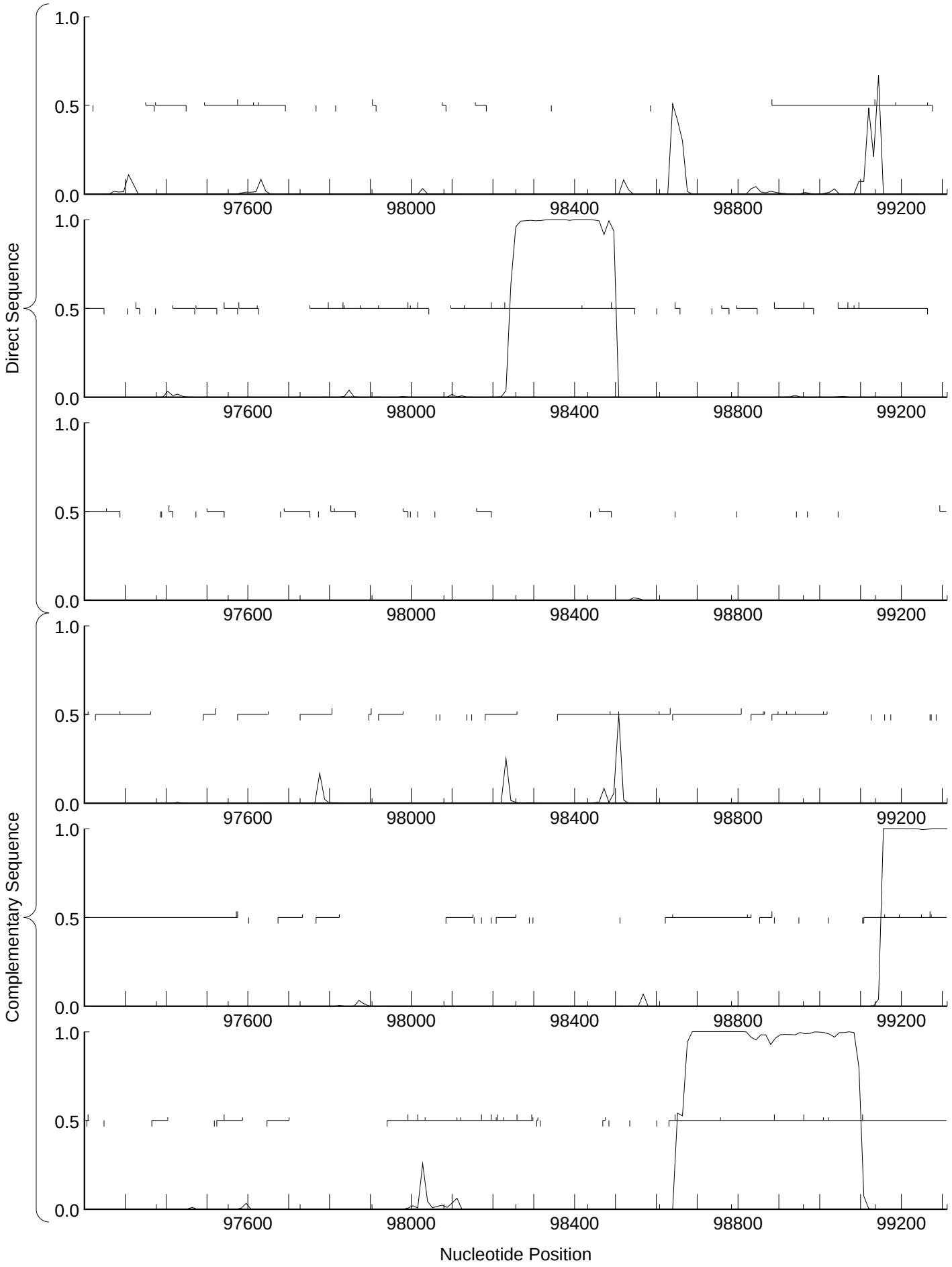
cterium phage SilverDipper complete sequence, 155812 bp, circularly permuted, Cluster C1, Order 4, Window 96, Step 12, 46/75



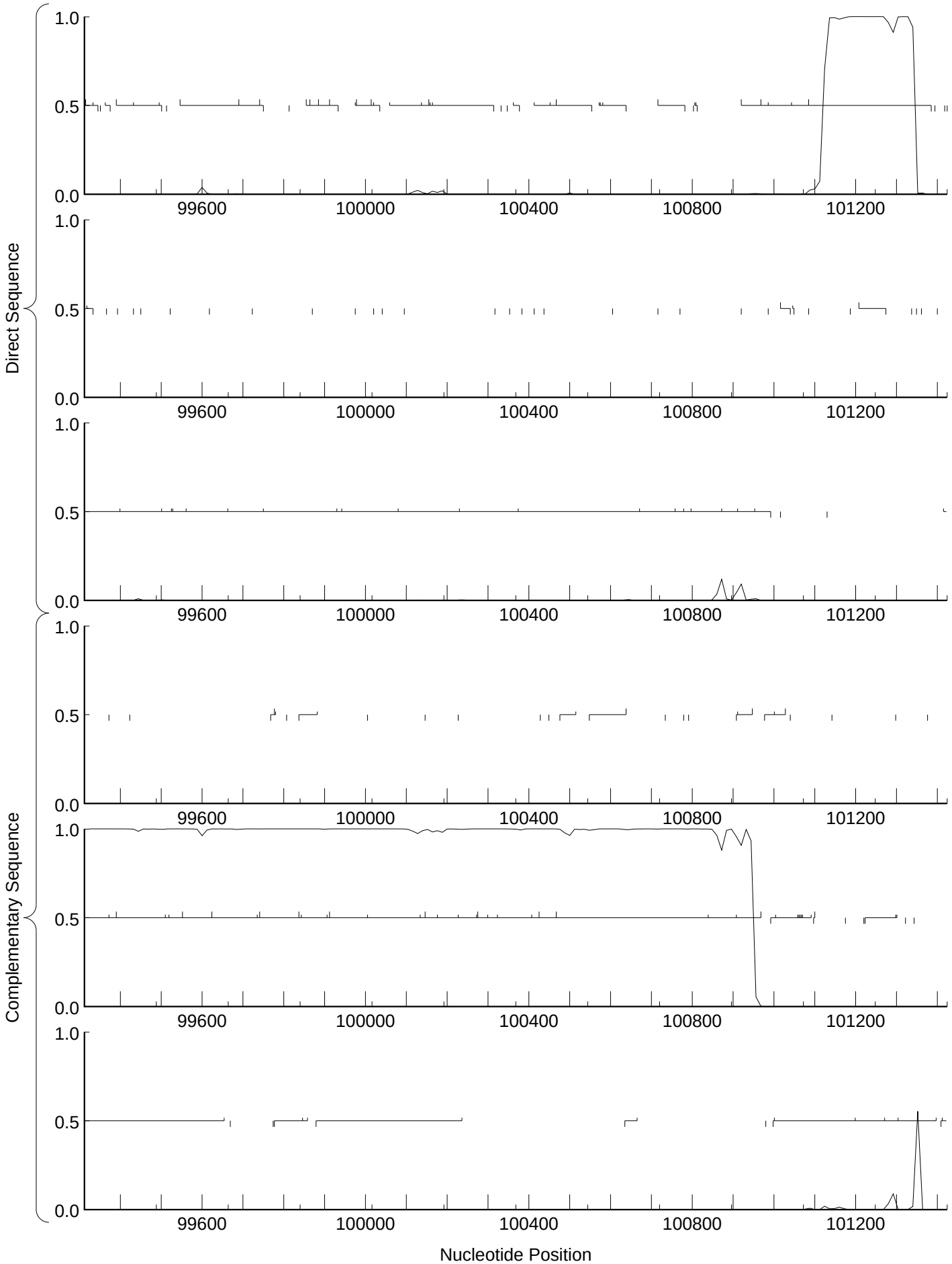
acterium phage SilverDipper complete sequence, 155812 bp, circularly permuted, Cluster C1, Order 4, Window 96, Step 12, 47/75



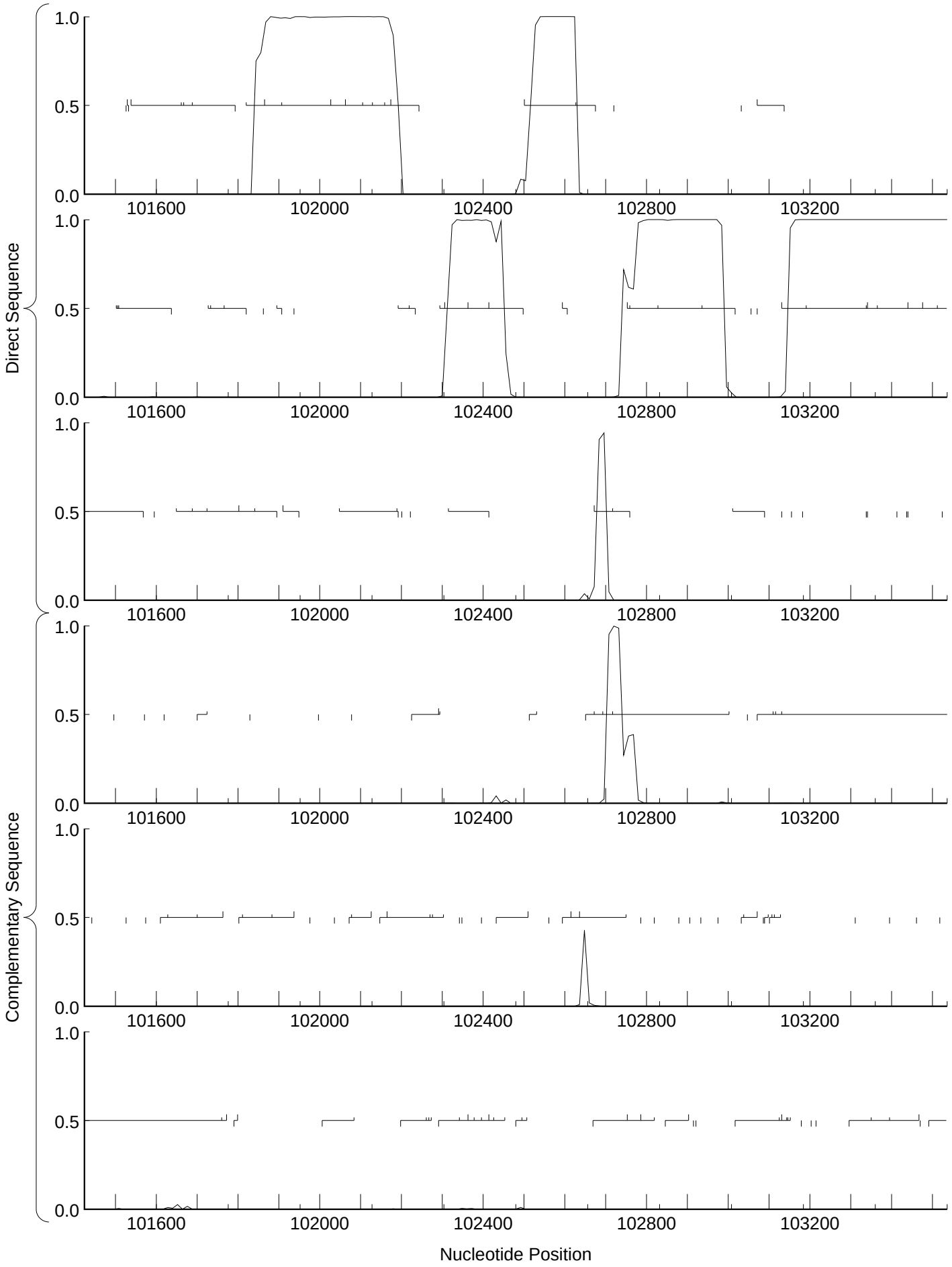
acterium phage SilverDipper complete sequence, 155812 bp, circularly permuted, Cluster C1, Order 4, Window 96, Step 12, 48/75



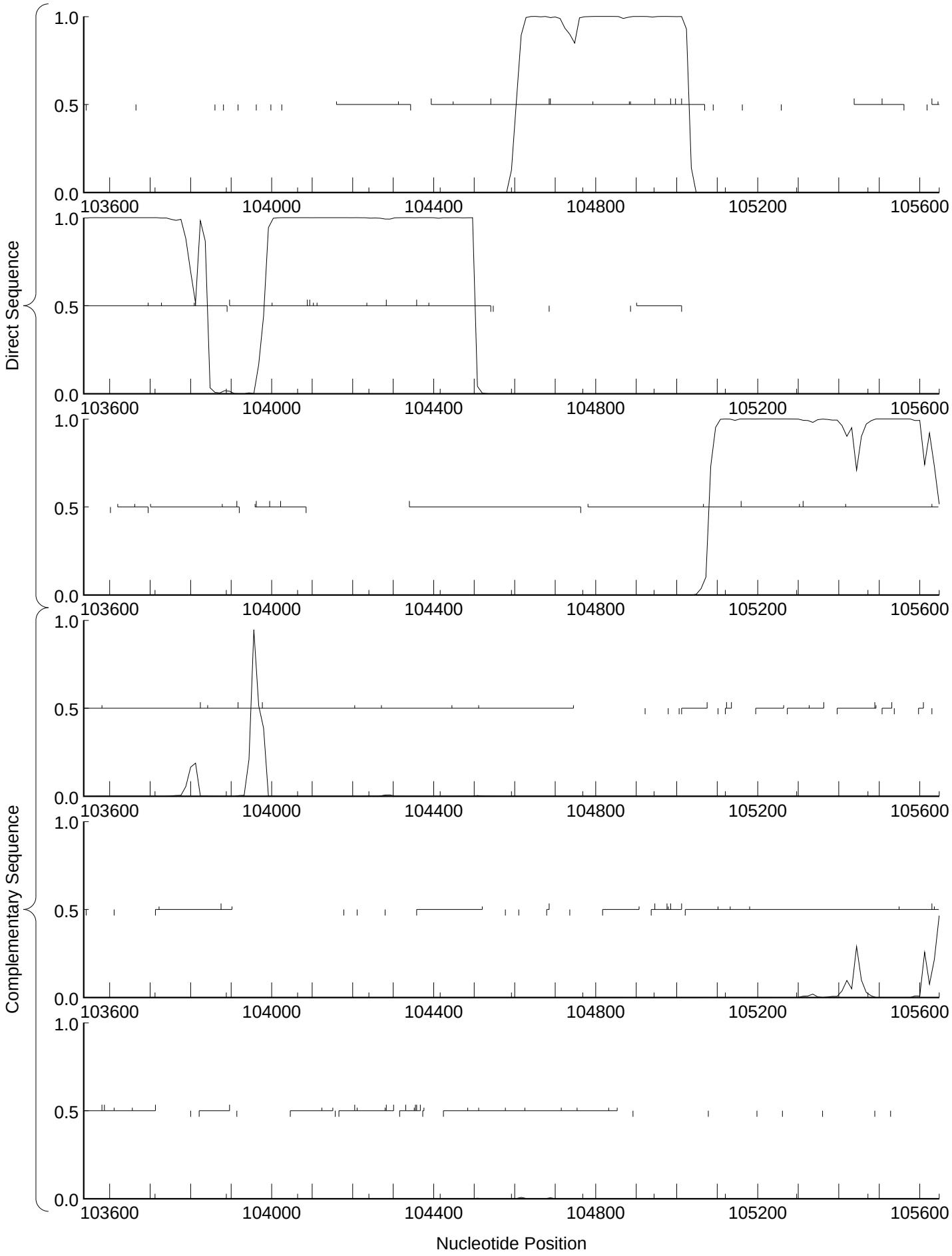
acterium phage SilverDipper complete sequence, 155812 bp, circularly permuted, Cluster C1, Order 4, Window 96, Step 12, 49/75



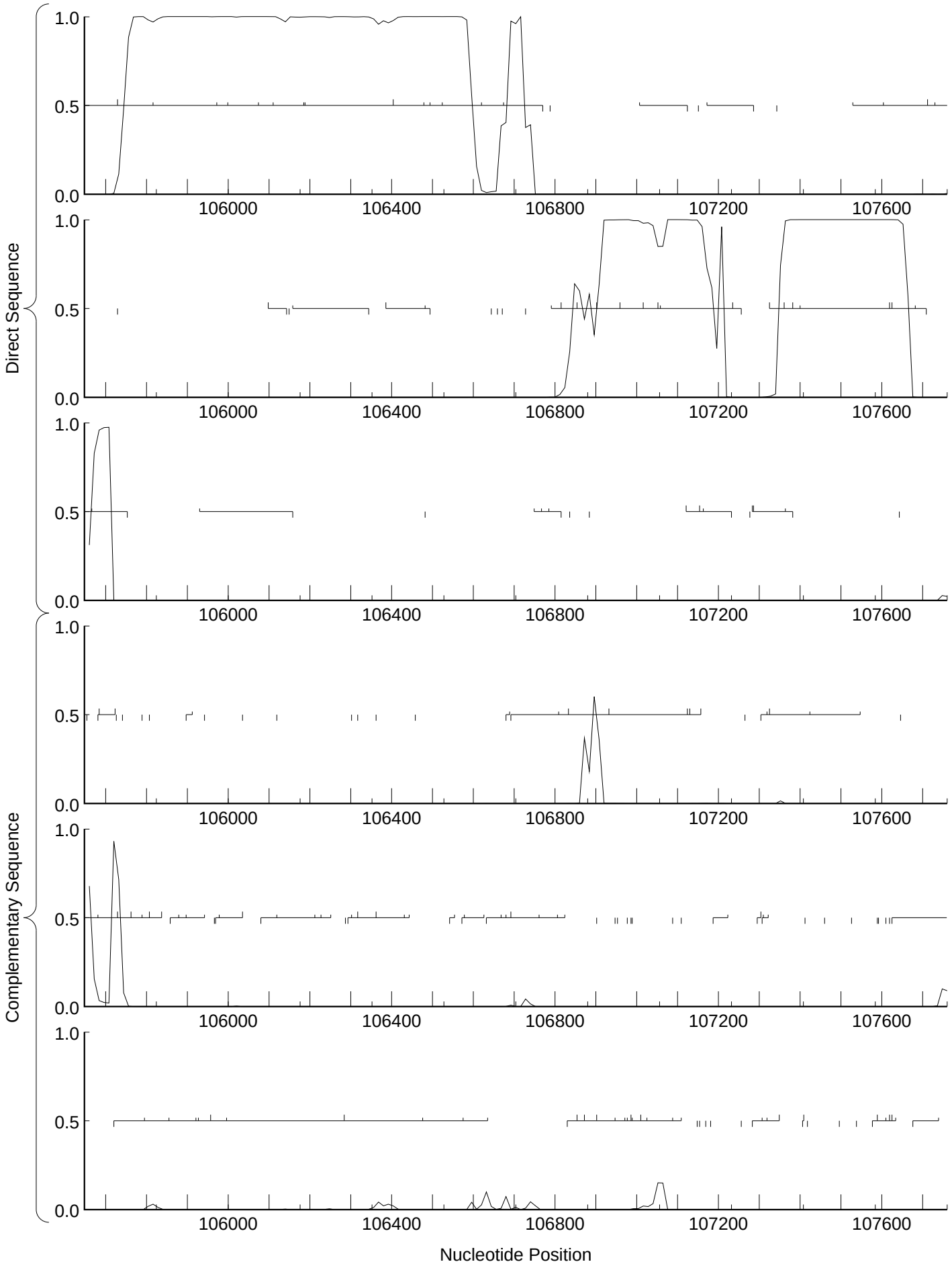
acterium phage SilverDipper complete sequence, 155812 bp, circularly permuted, Cluster C1, Order 4, Window 96, Step 12, 50/75



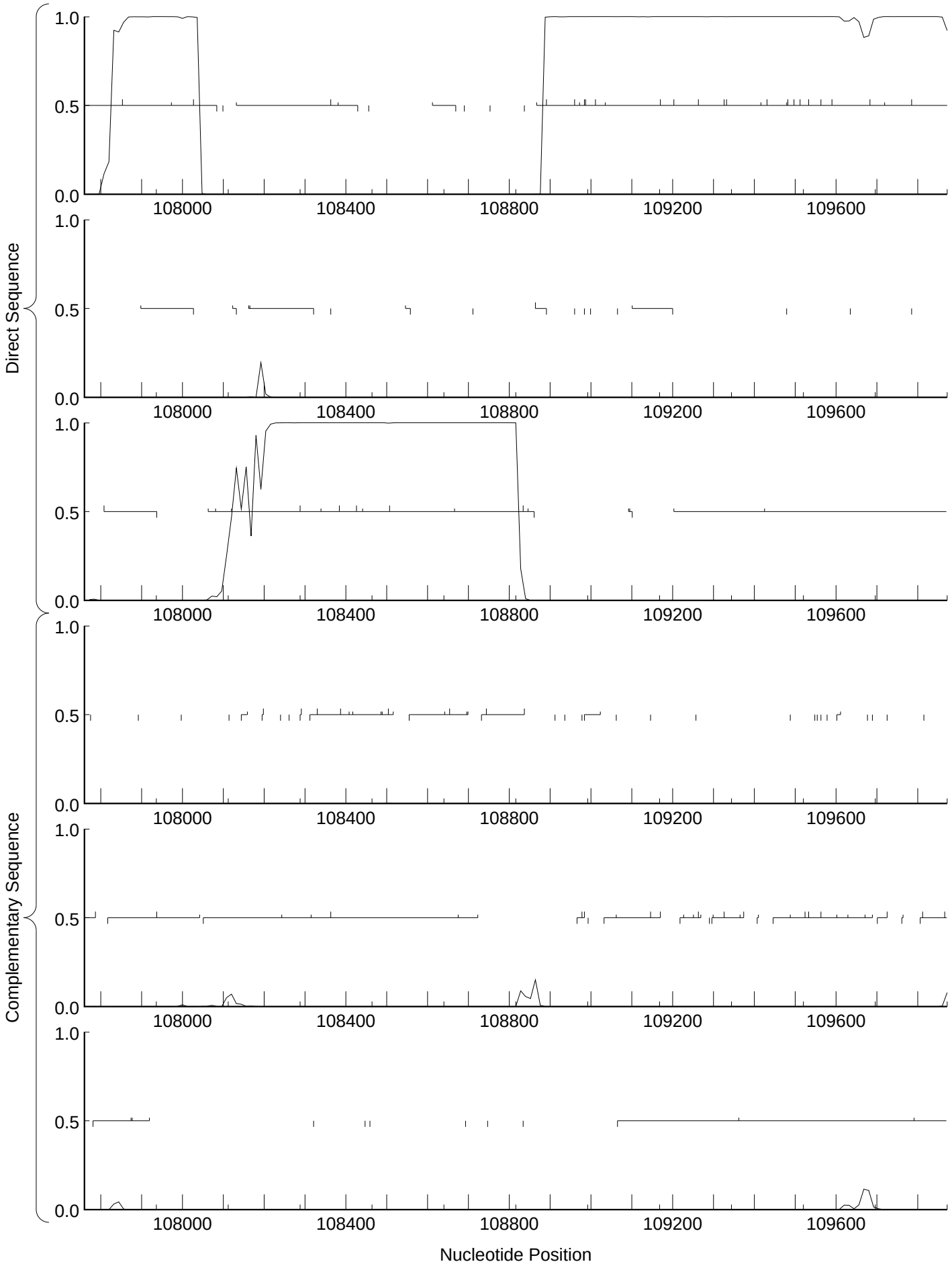
acterium phage SilverDipper complete sequence, 155812 bp, circularly permuted, Cluster C1, Order 4, Window 96, Step 12, 51/75



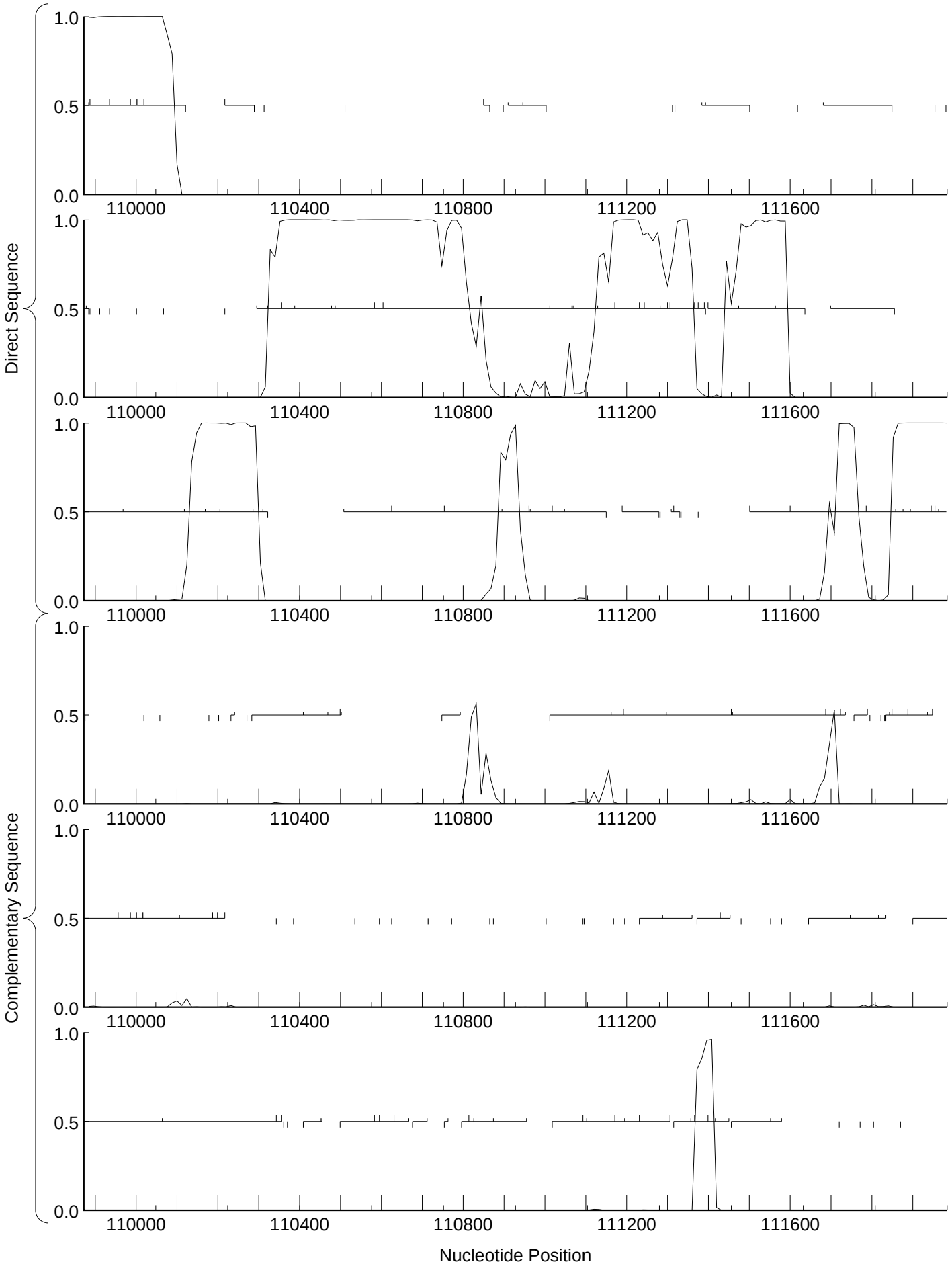
cterium phage SilverDipper complete sequence, 155812 bp, circularly permuted, Cluster C1, Order 4, Window 96, Step 12, 52/75



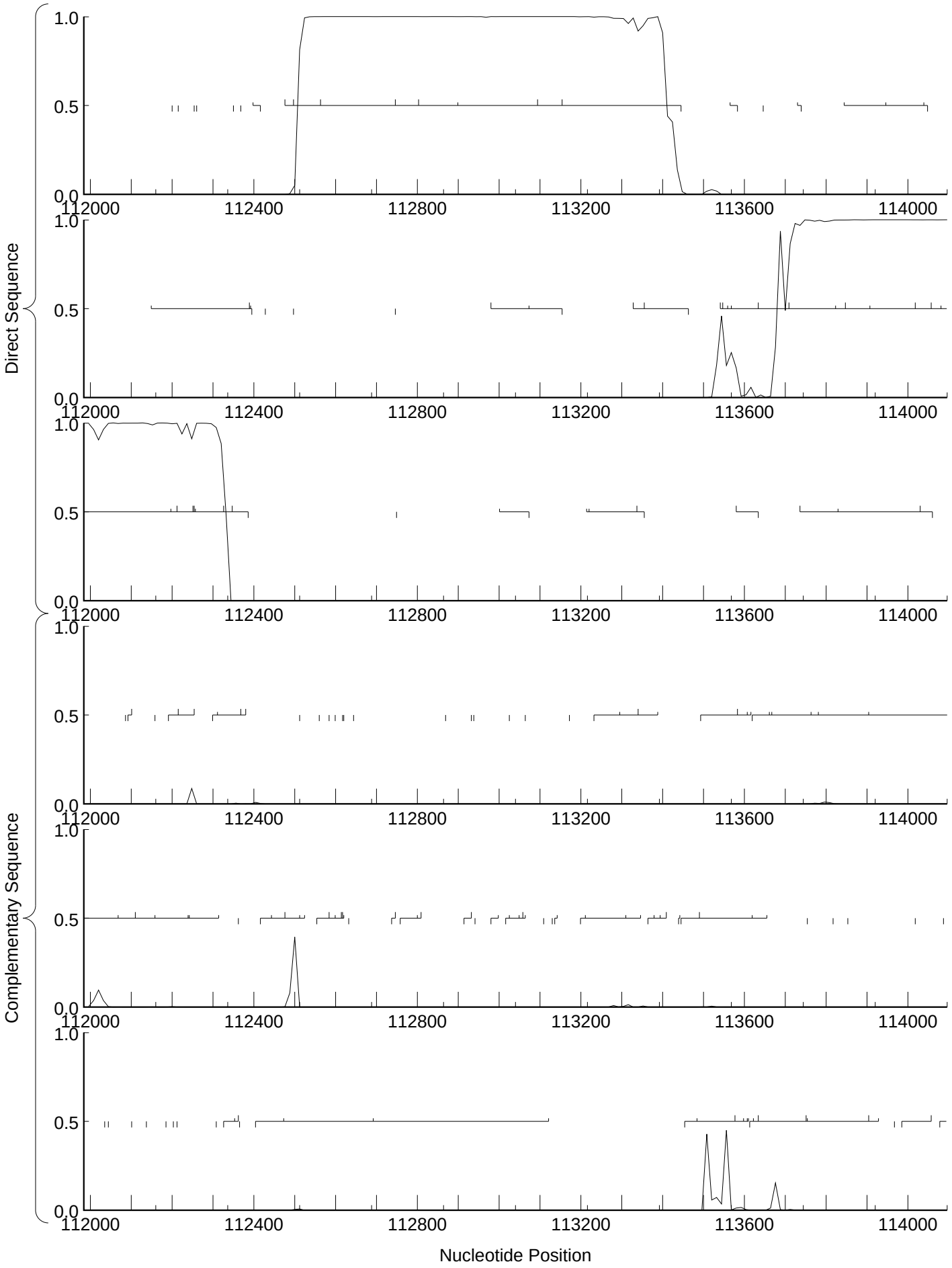
cterium phage SilverDipper complete sequence, 155812 bp, circularly permuted, Cluster C1, Order 4, Window 96, Step 12, 53/75



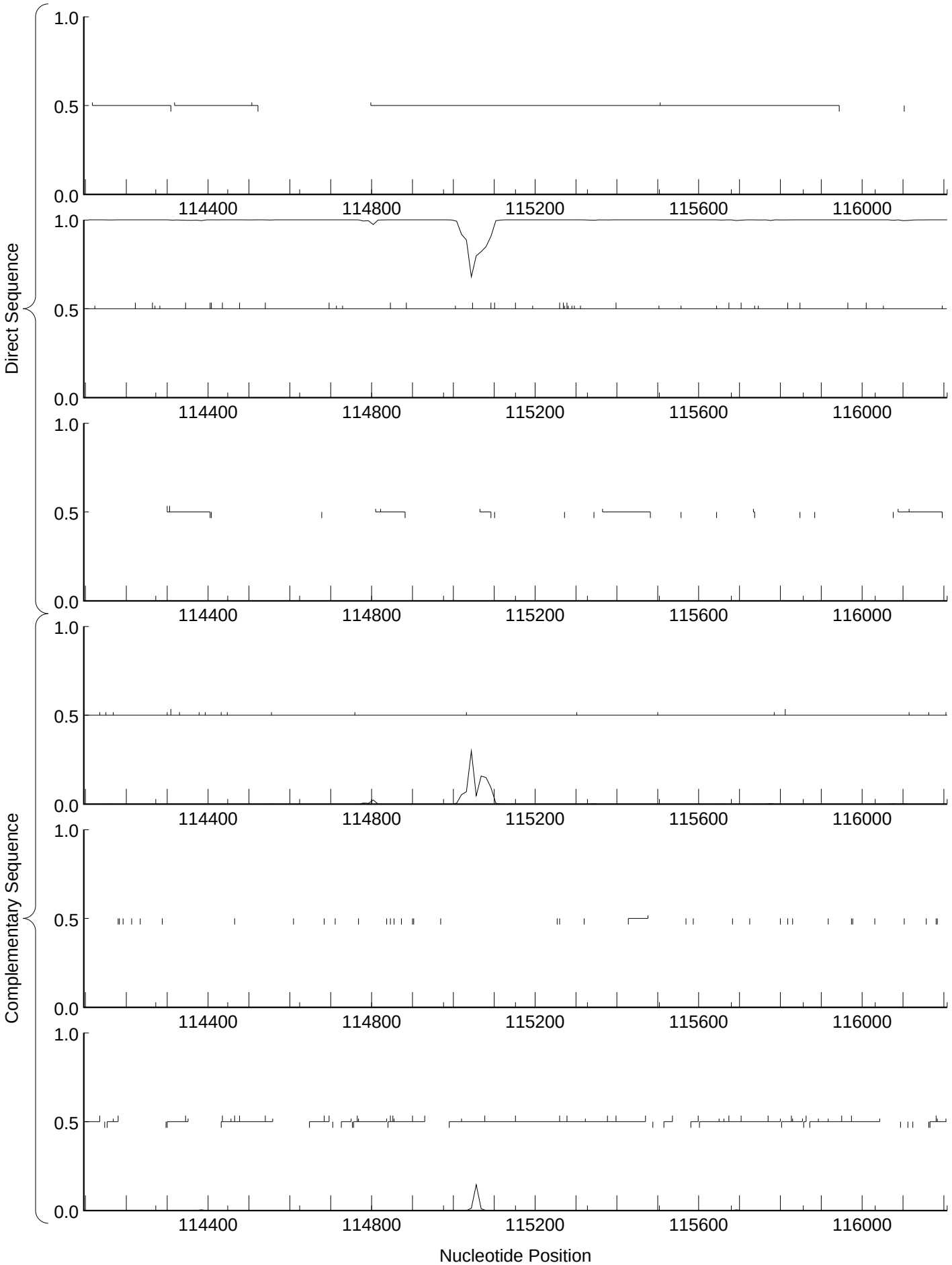
acterium phage SilverDipper complete sequence, 155812 bp, circularly permuted, Cluster C1, Order 4, Window 96, Step 12, 54/75



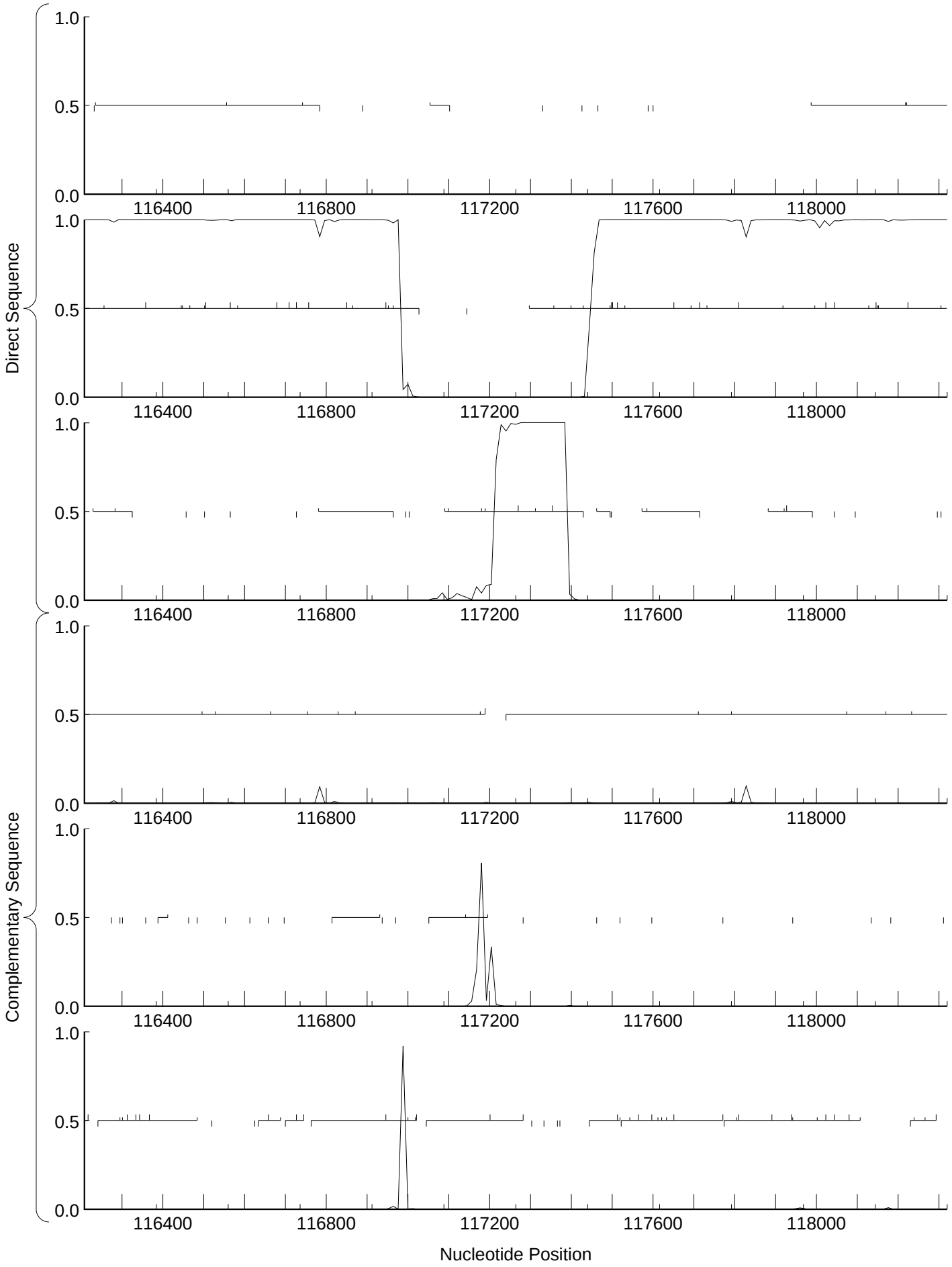
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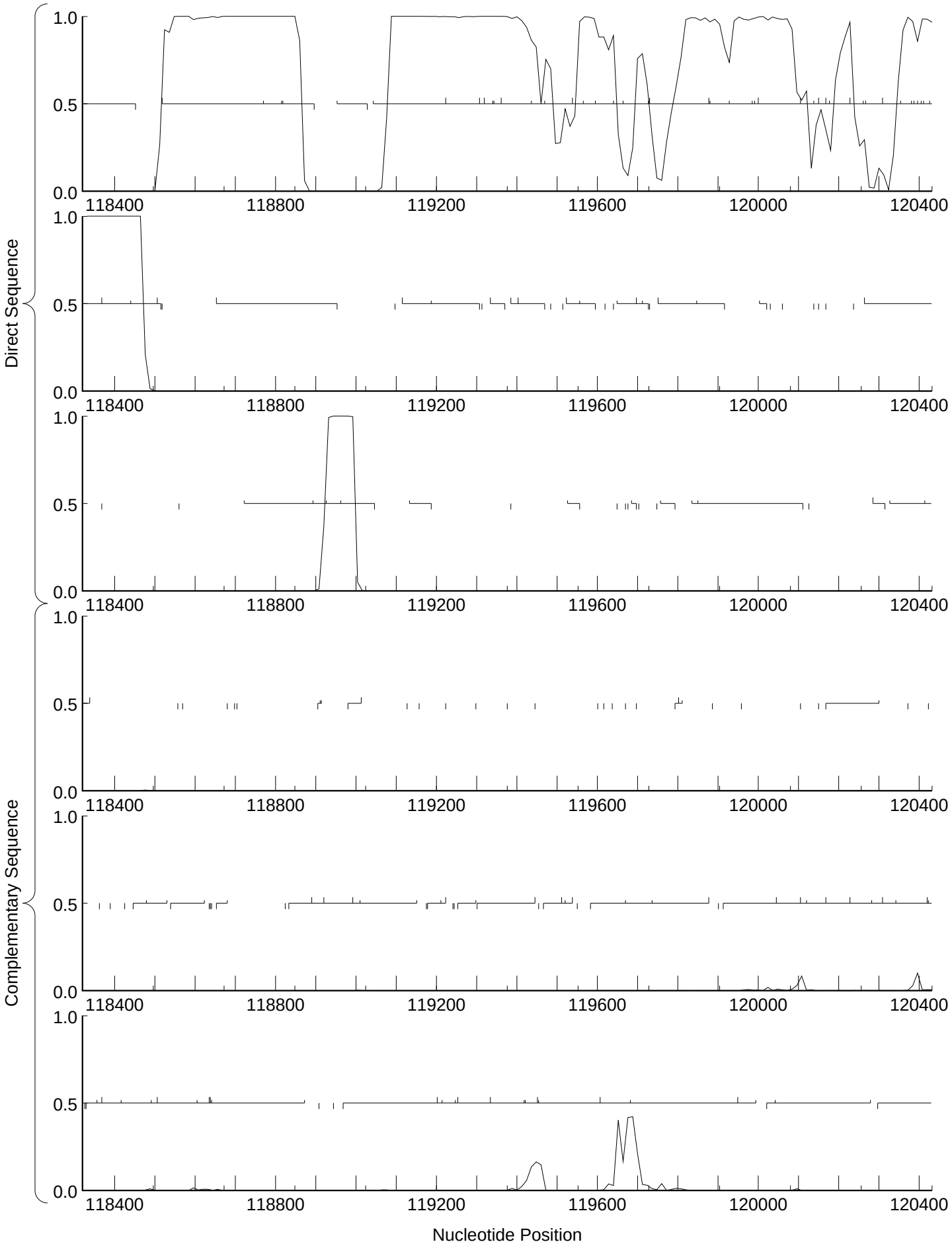
acterium phage SilverDipper complete sequence, 155812 bp, circularly permuted, Cluster C1, Order 4, Window 96, Step 12, 56/75

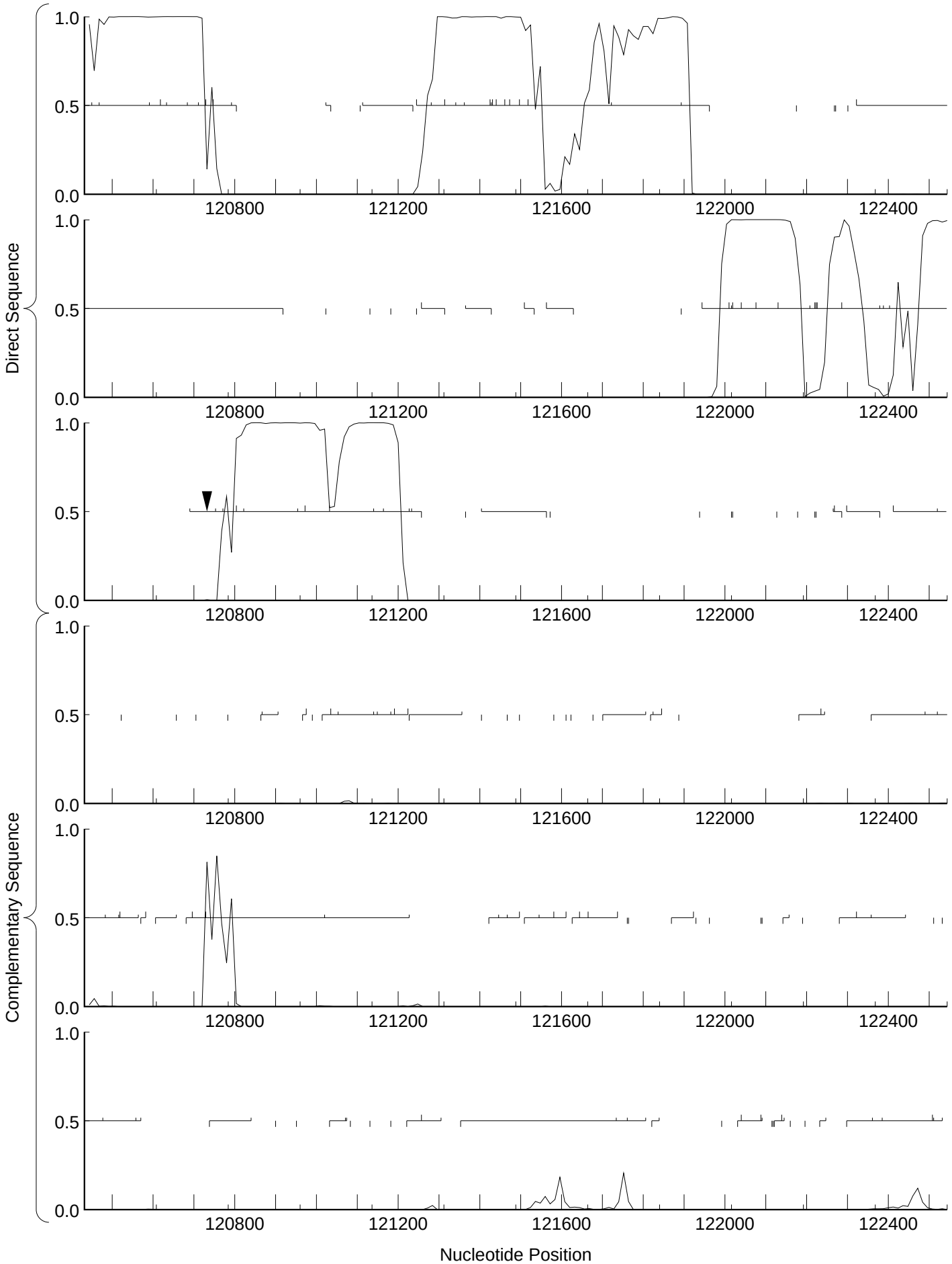


cterium phage SilverDipper complete sequence, 155812 bp, circularly permuted, Cluster C1, Order 4, Window 96, Step 12, 57/75

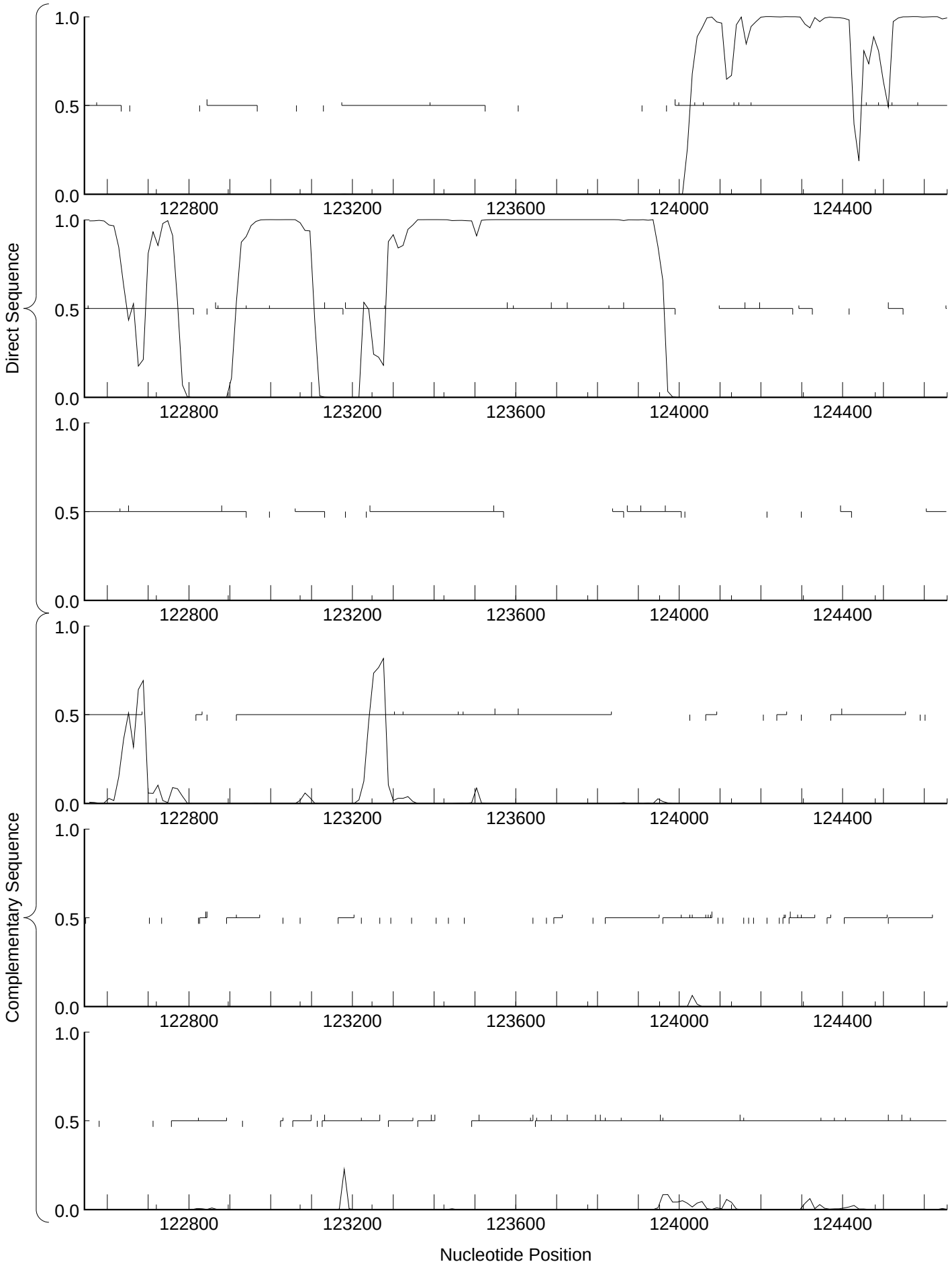


cterium phage SilverDipper complete sequence, 155812 bp, circularly permuted, Cluster C1, Order 4, Window 96, Step 12, 58/75

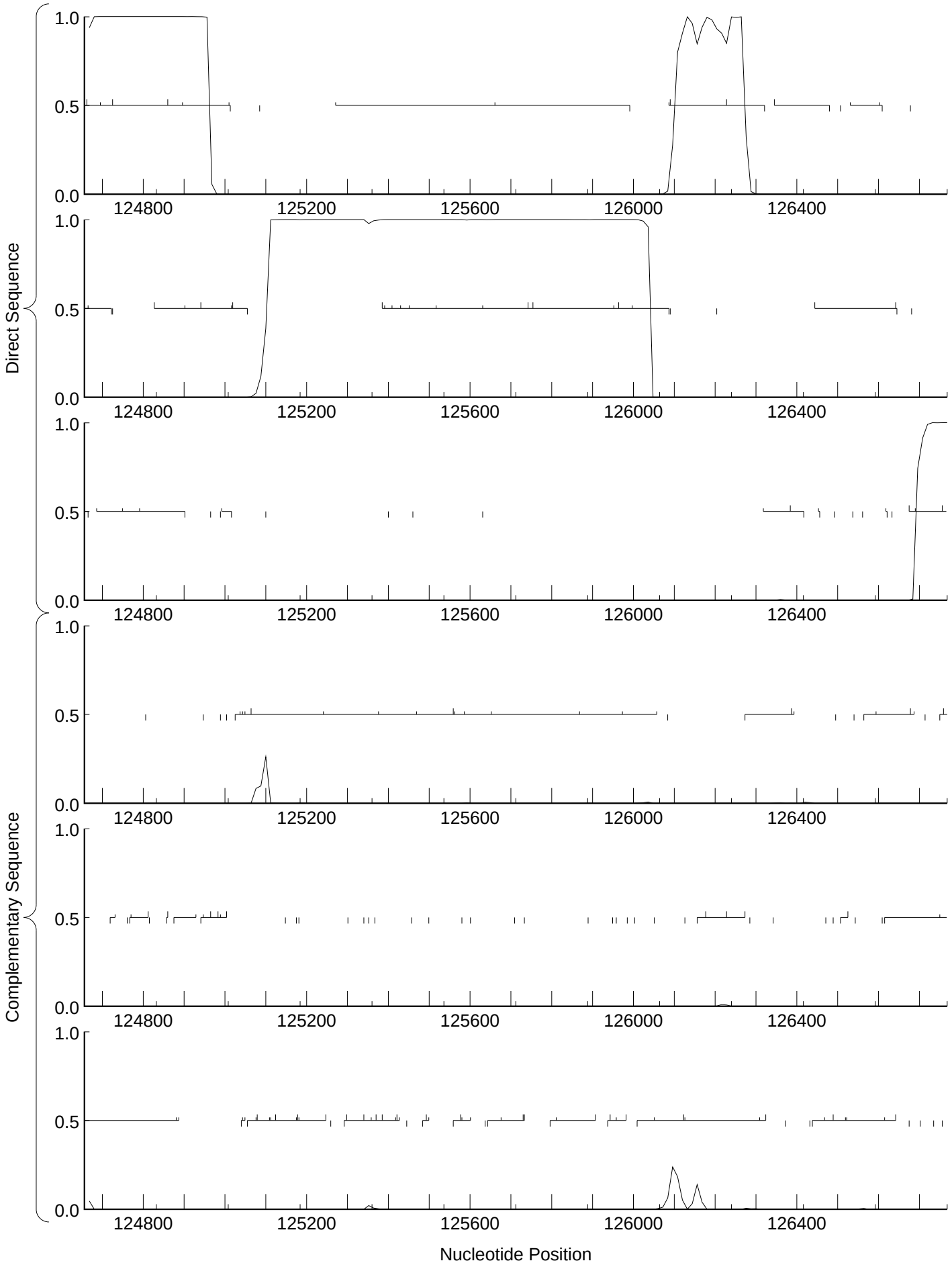



Direct Sequence
Complementary Sequence
1.0
0.5
0.0
120800
121200
121600
122000
122400
Nucleotide Position

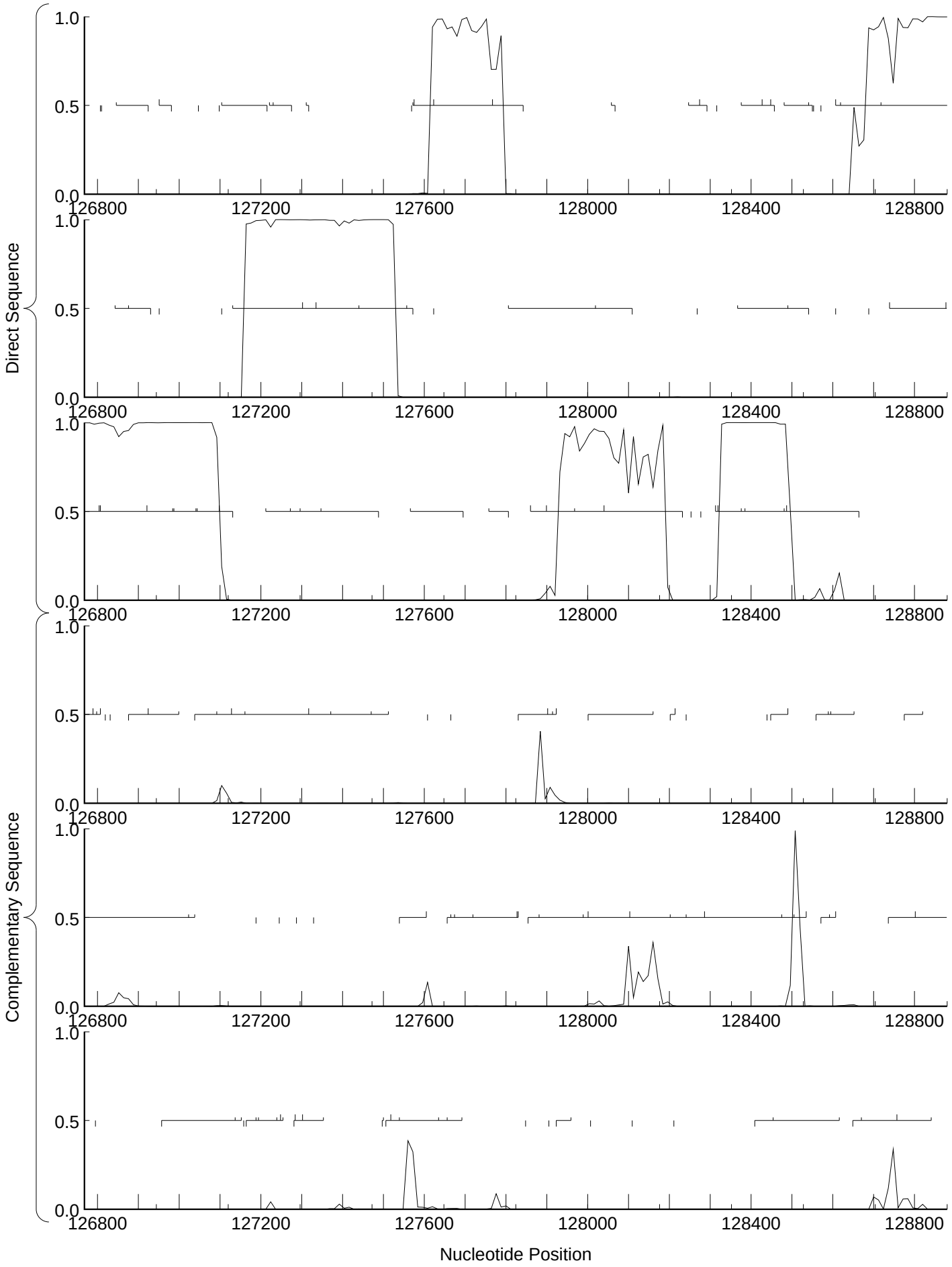
cterium phage SilverDipper complete sequence, 155812 bp, circularly permuted, Cluster C1, Order 4, Window 96, Step 12, 60/75



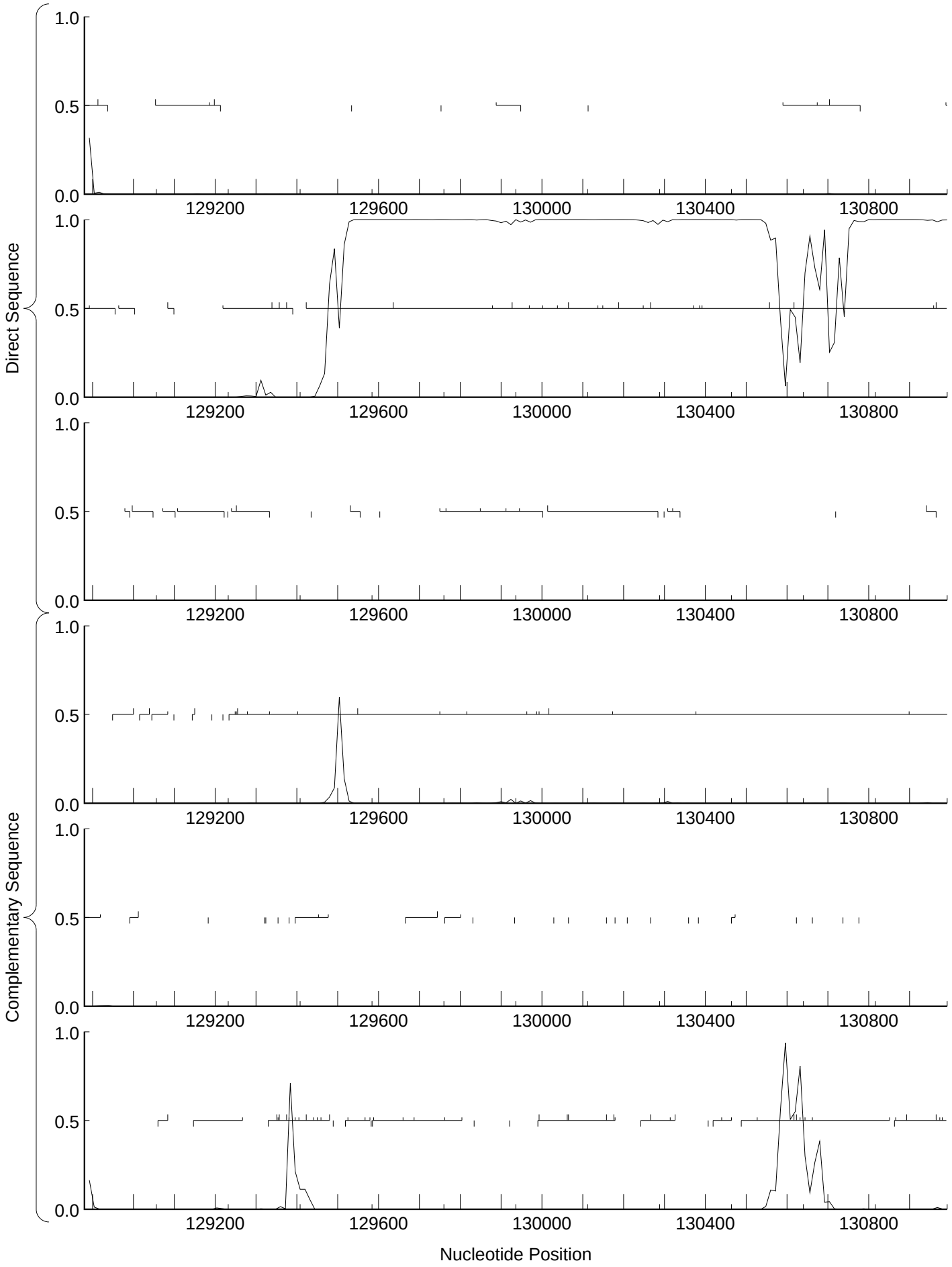
cterium phage SilverDipper complete sequence, 155812 bp, circularly permuted, Cluster C1, Order 4, Window 96, Step 12, 61/75



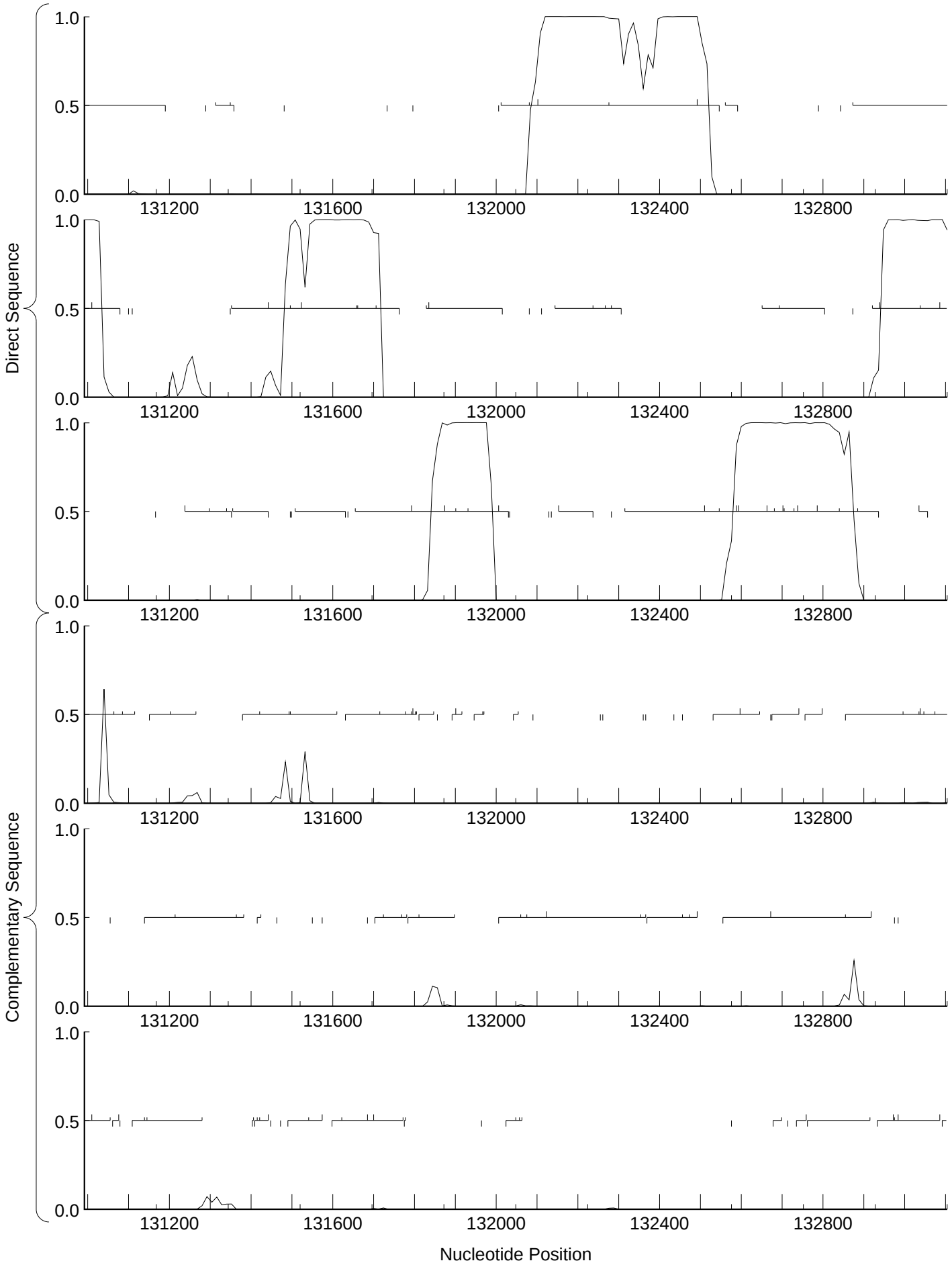
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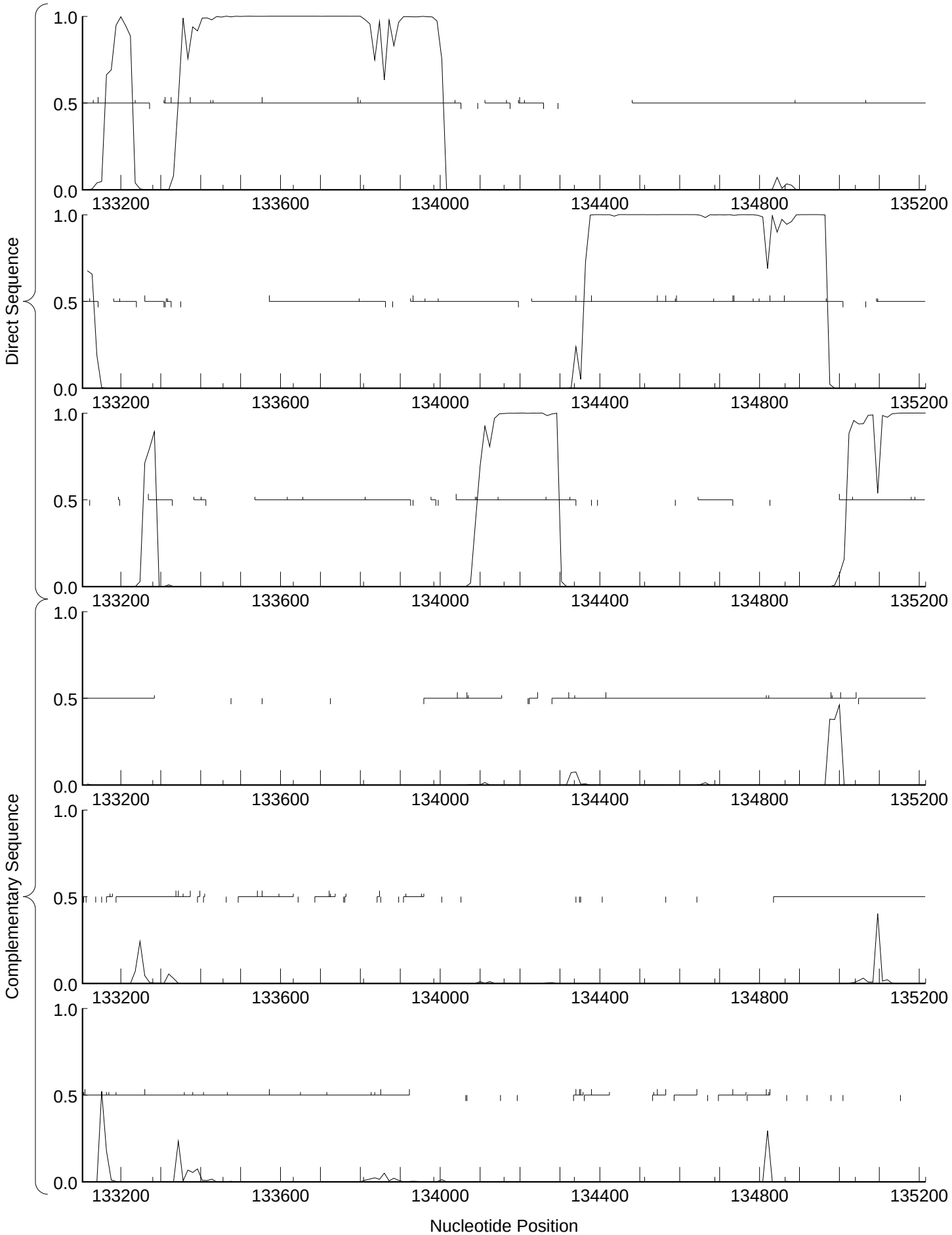
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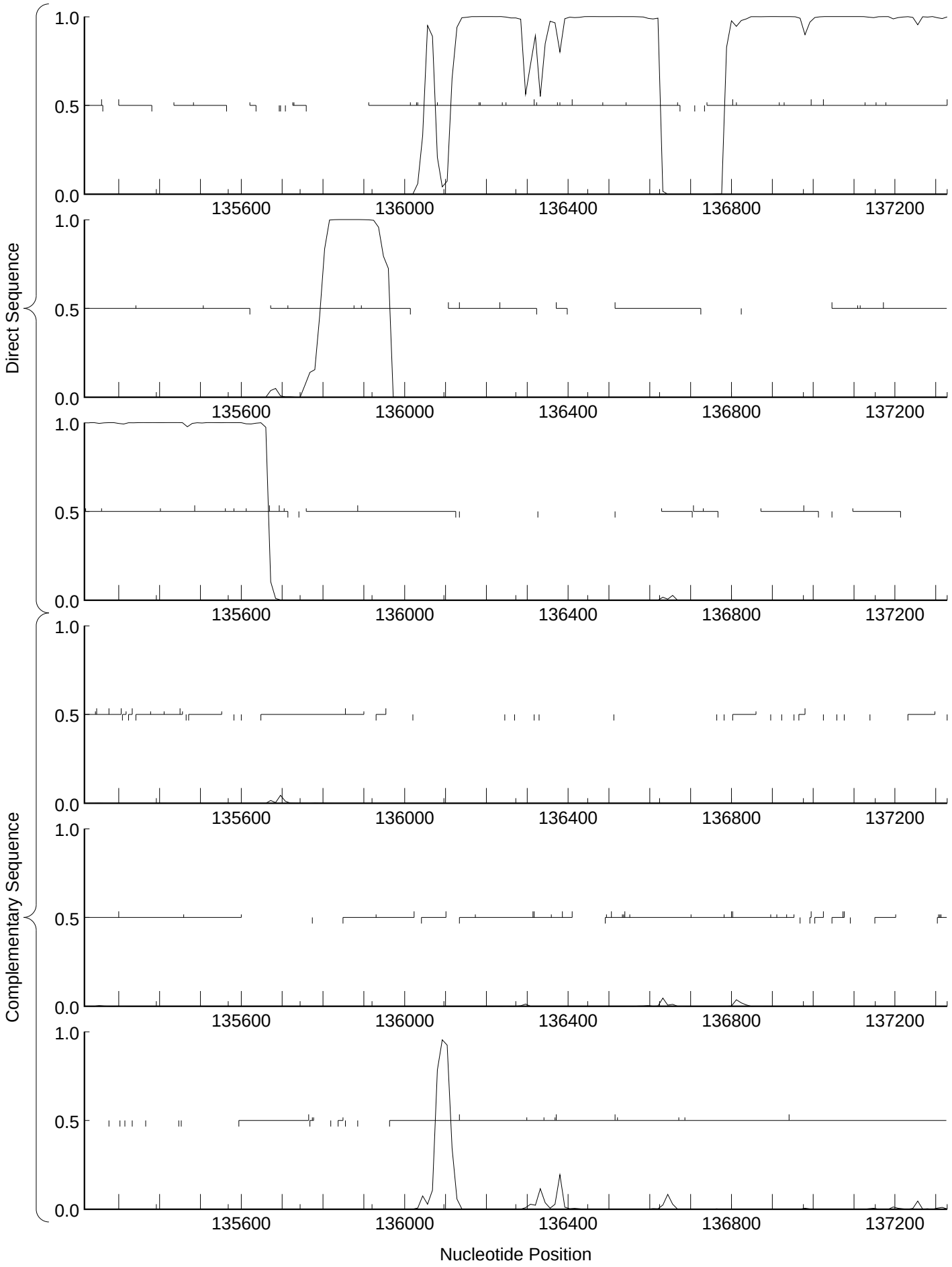
cterium phage SilverDipper complete sequence, 155812 bp, circularly permuted, Cluster C1, Order 4, Window 96, Step 12, 64/75



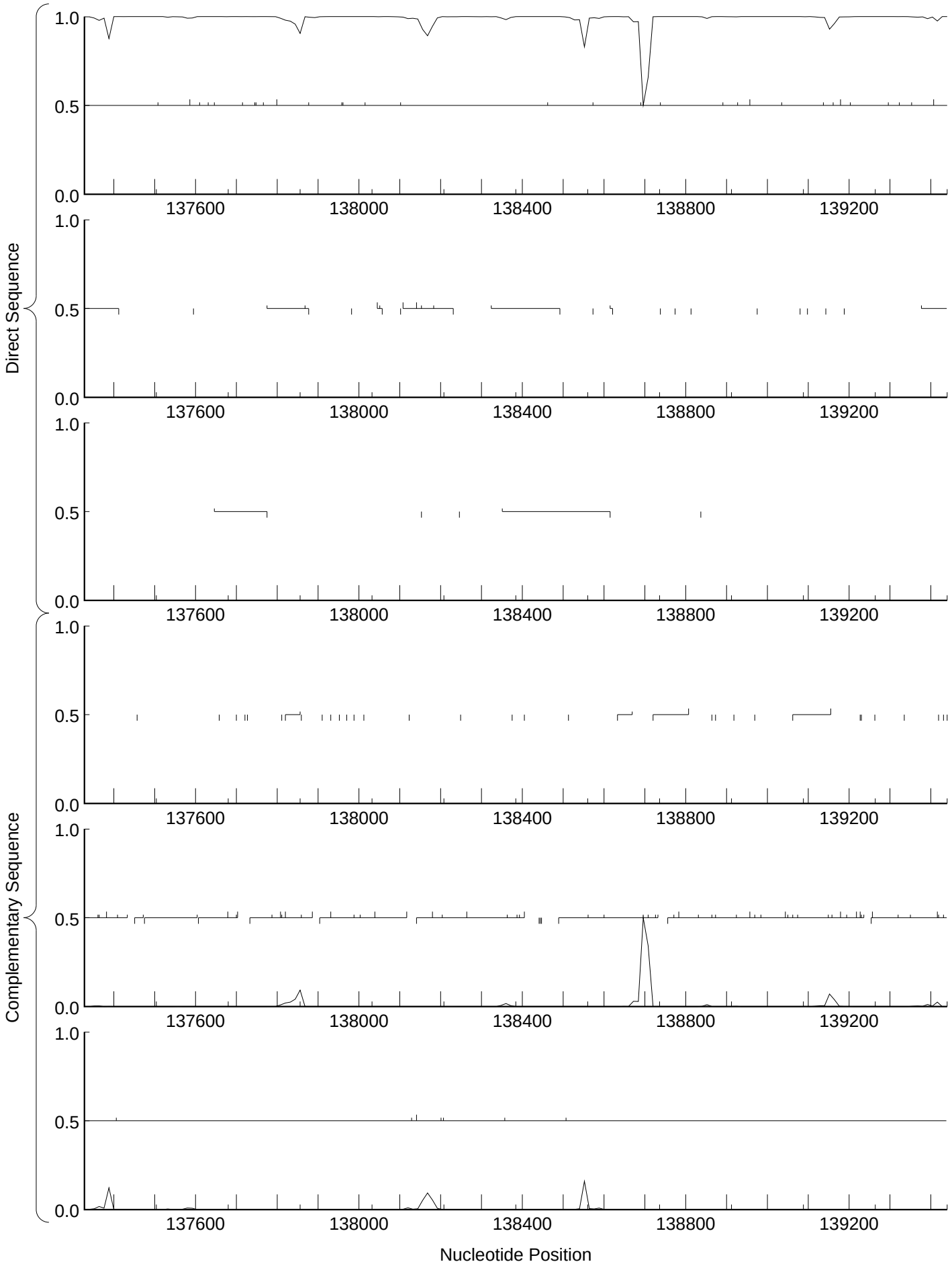
acterium phage SilverDipper complete sequence, 155812 bp, circularly permuted, Cluster C1, Order 4, Window 96, Step 12, 65/75



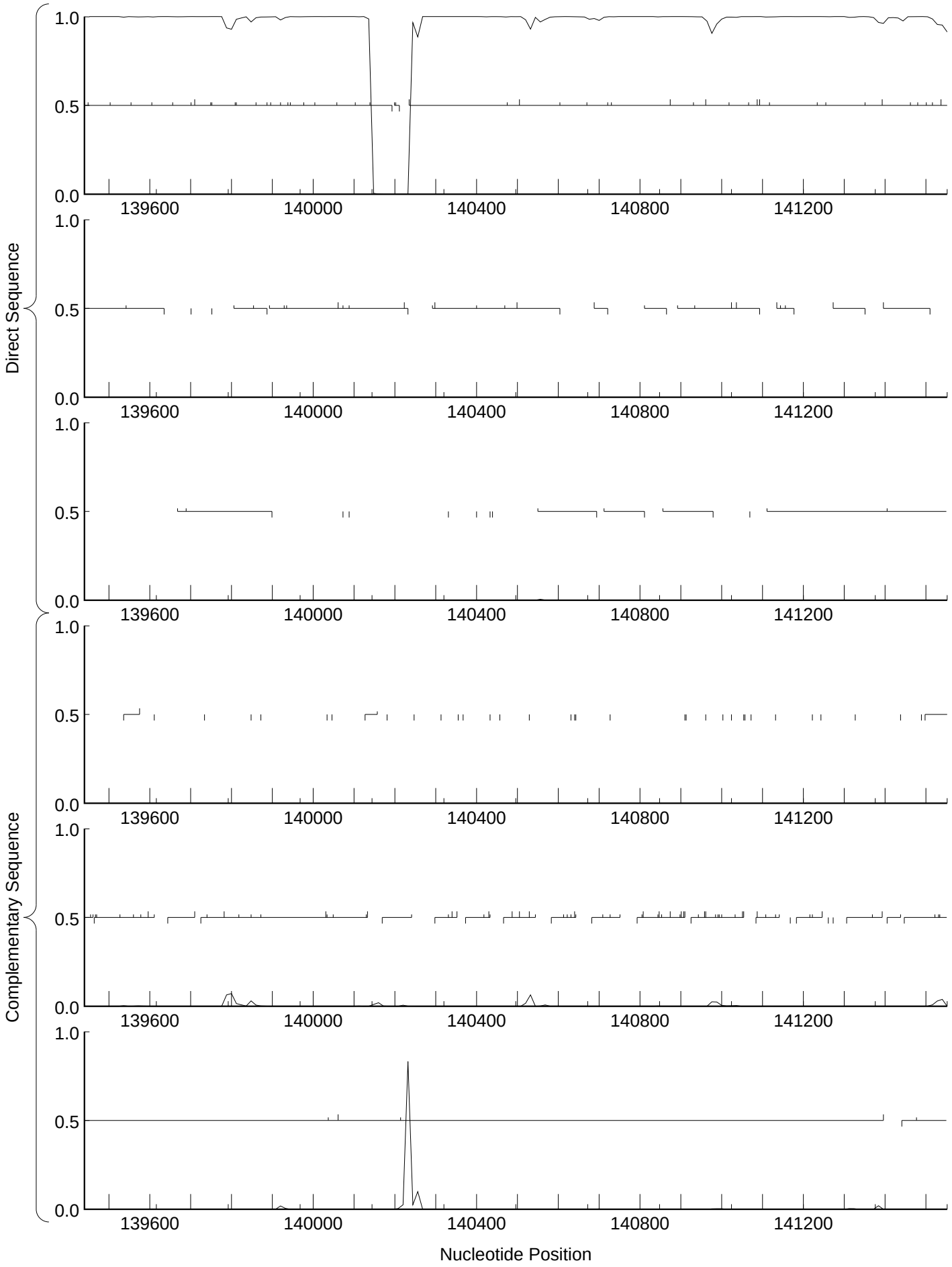
cterium phage SilverDipper complete sequence, 155812 bp, circularly permuted, Cluster C1, Order 4, Window 96, Step 12, 66/75



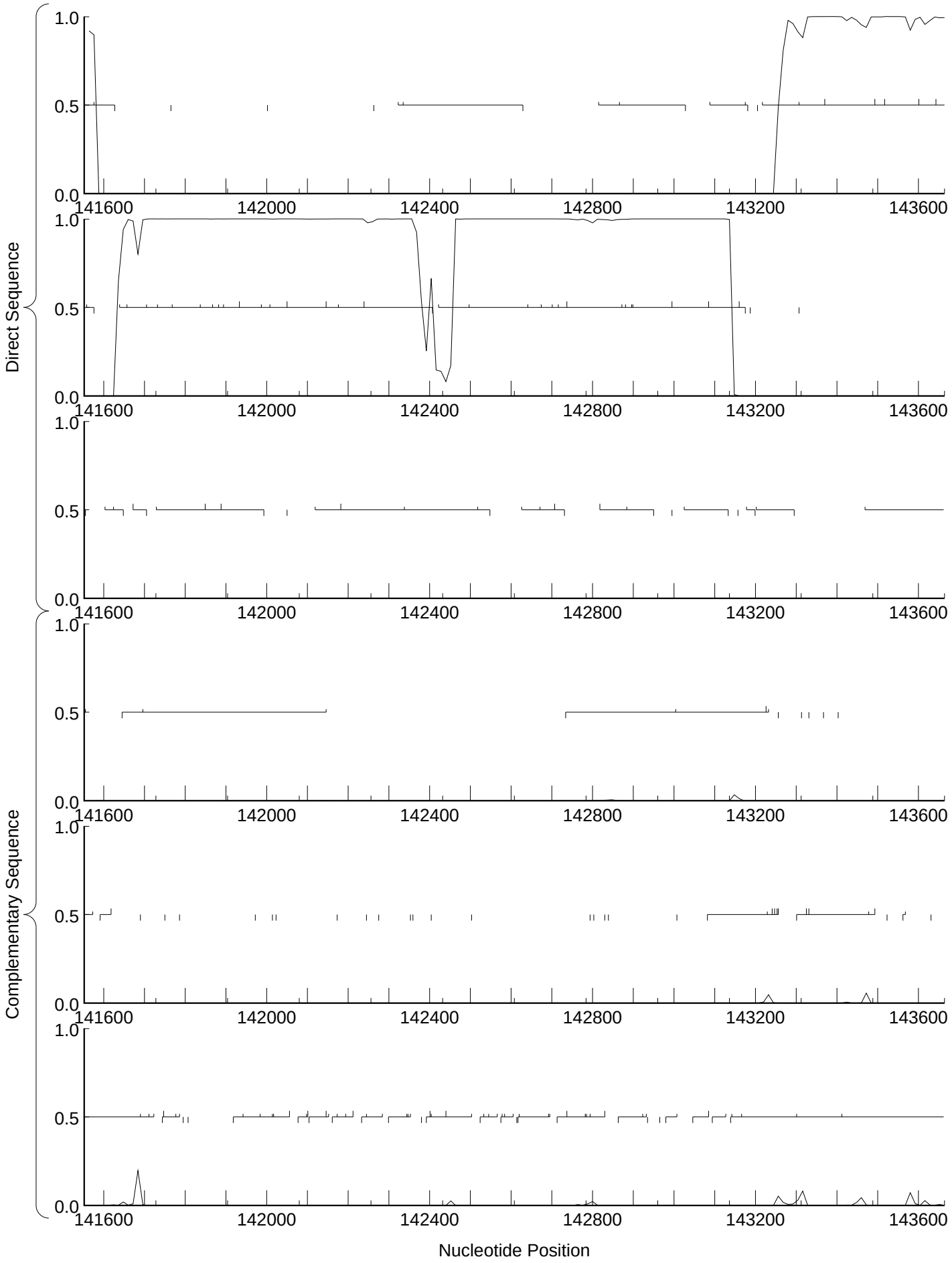
cterium phage SilverDipper complete sequence, 155812 bp, circularly permuted, Cluster C1, Order 4, Window 96, Step 12, 67/75



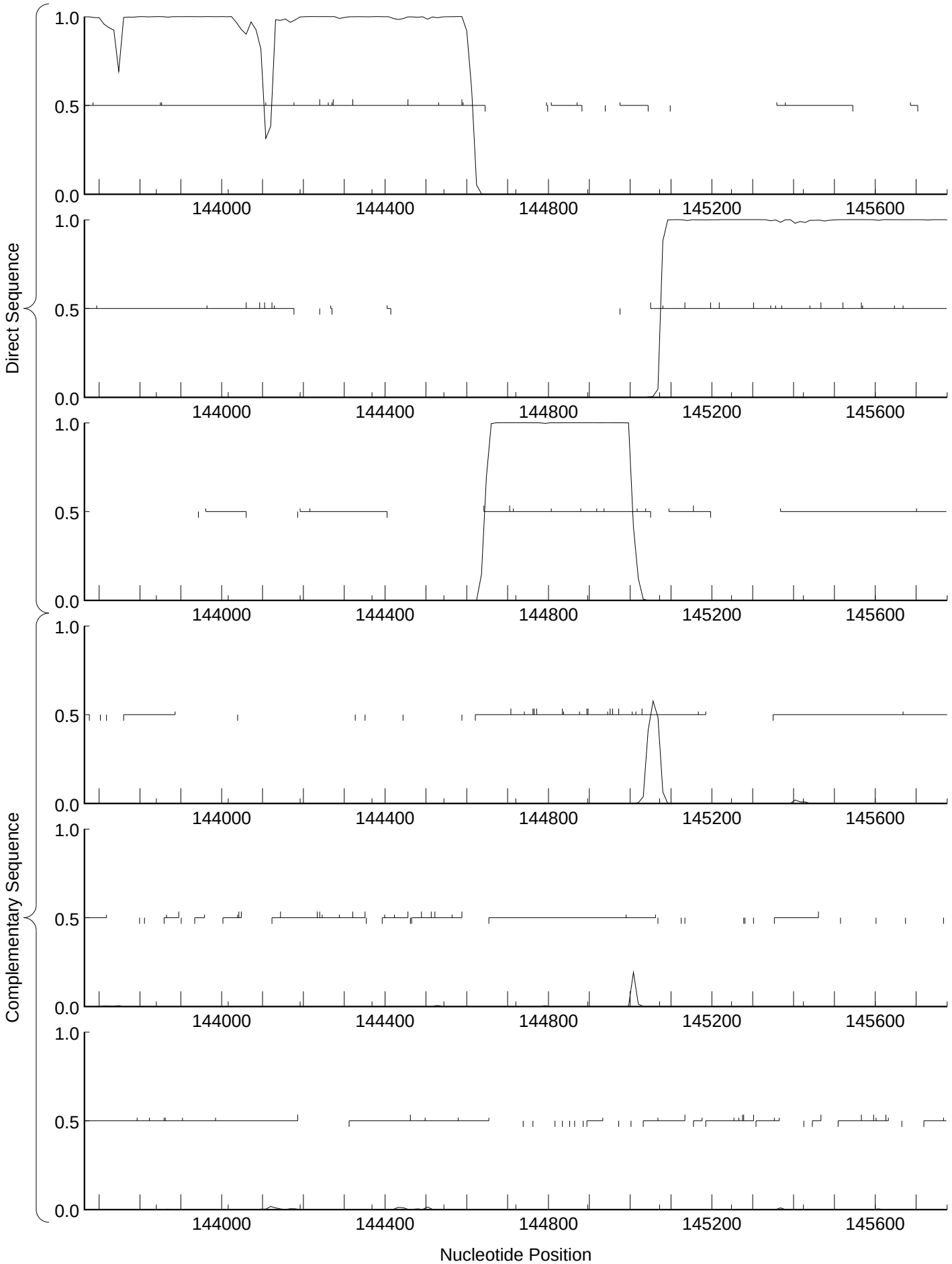
acterium phage SilverDipper complete sequence, 155812 bp, circularly permuted, Cluster C1, Order 4, Window 96, Step 12, 68/75



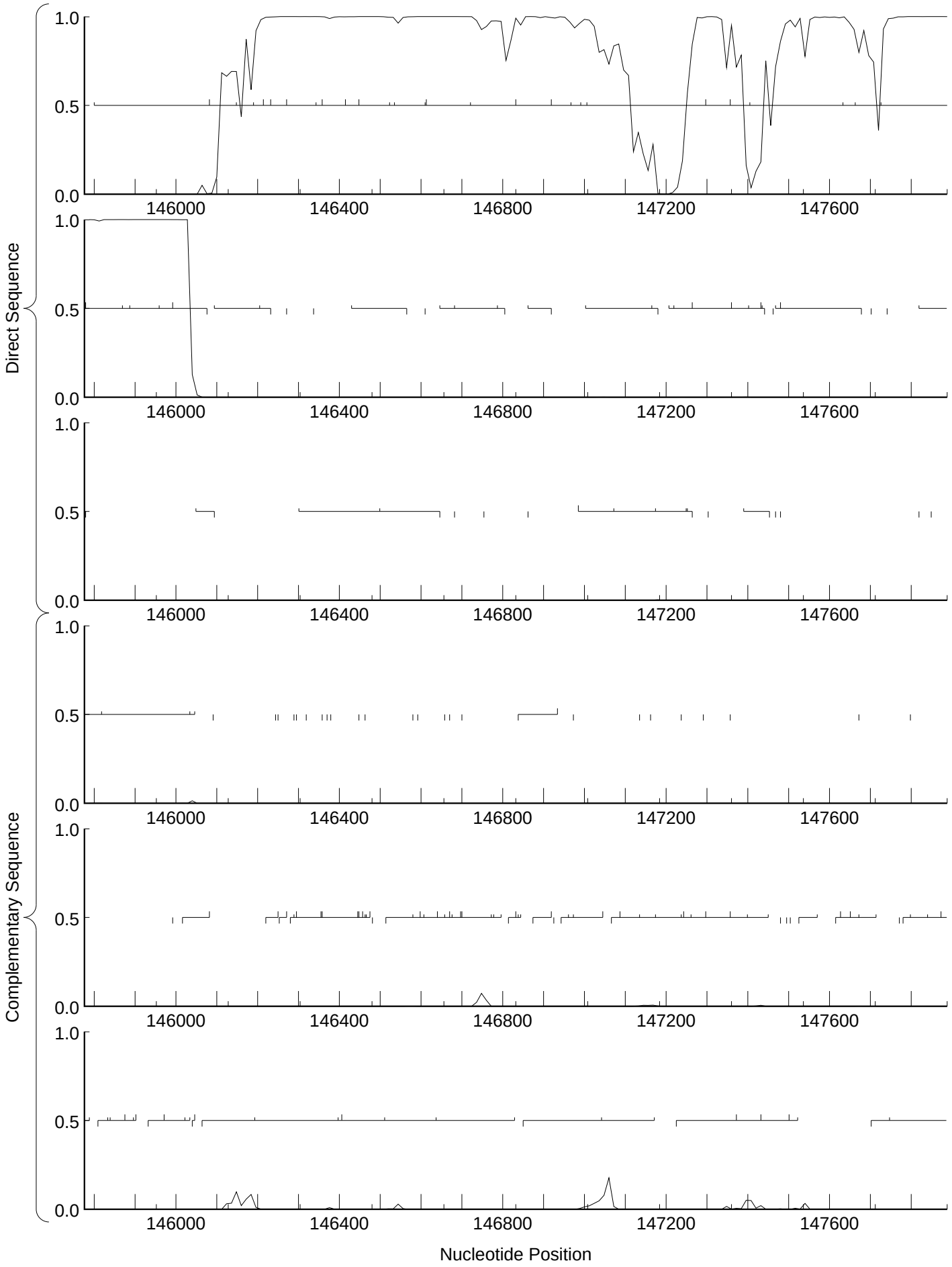
cterium phage SilverDipper complete sequence, 155812 bp, circularly permuted, Cluster C1, Order 4, Window 96, Step 12, 69/75



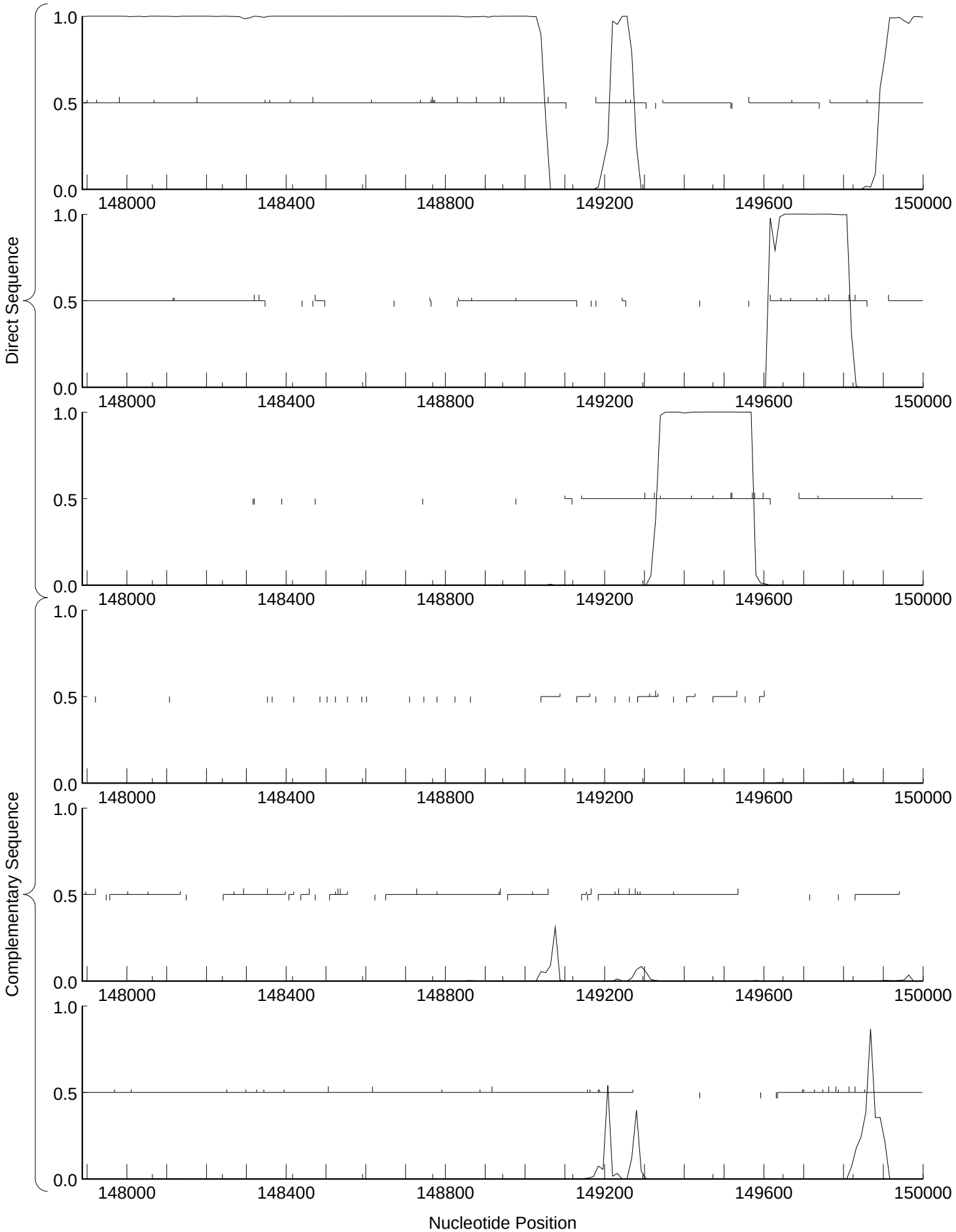
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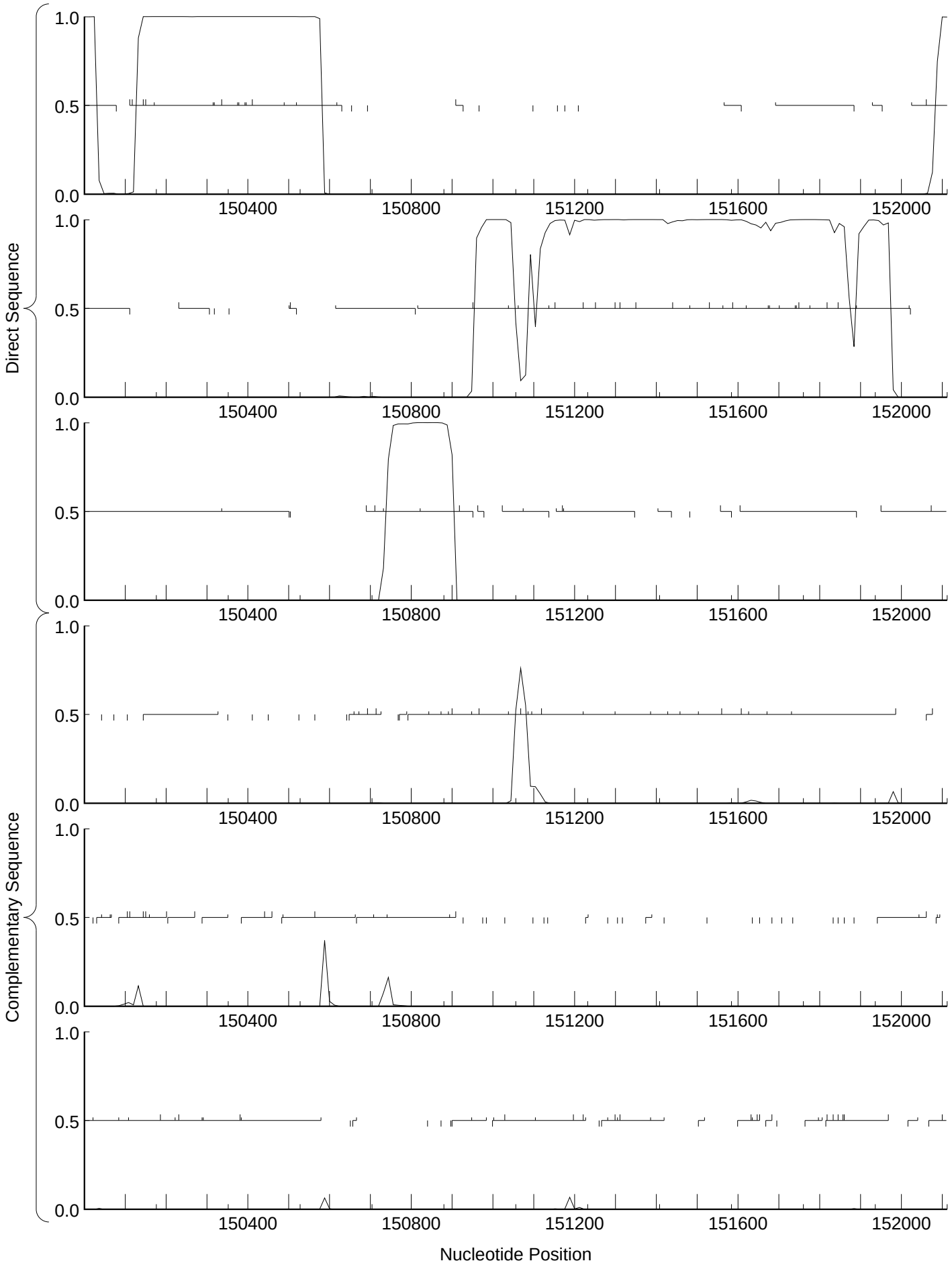
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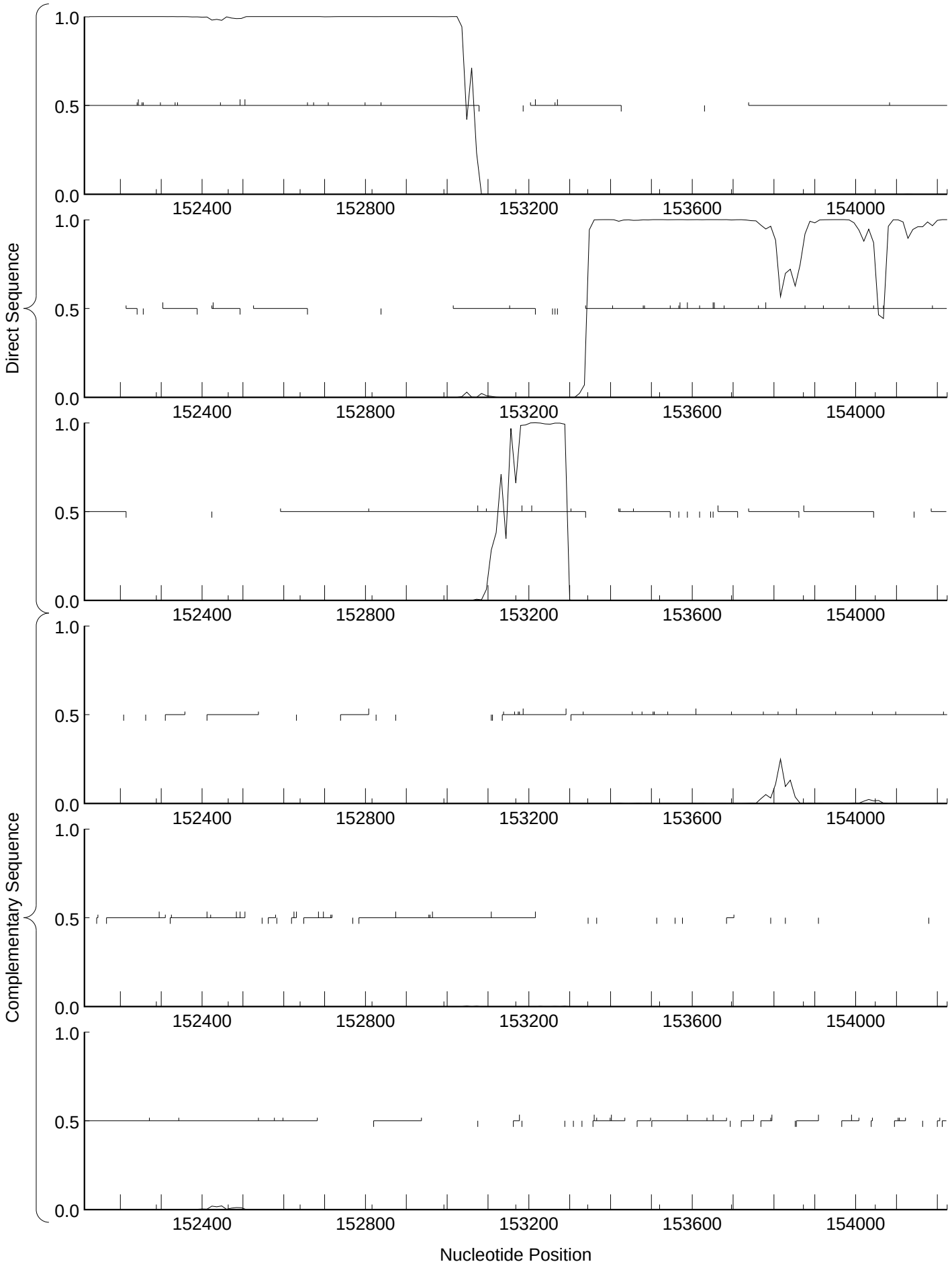
acterium phage SilverDipper complete sequence, 155812 bp, circularly permuted, Cluster C1, Order 4, Window 96, Step 12, 72/75



cterium phage SilverDipper complete sequence, 155812 bp, circularly permuted, Cluster C1, Order 4, Window 96, Step 12, 73/75



acterium phage SilverDipper complete sequence, 155812 bp, circularly permuted, Cluster C1, Order 4, Window 96, Step 12, 74/75



cterium phage SilverDipper complete sequence, 155812 bp, circularly permuted, Cluster C1, Order 4, Window 96, Step 12, 75/75

