GeneMark

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

PROGRAM INFORMATION

```
Sequence         :  Mycobacterium phage Papez complete sequence, 52501 bp including 10-base 3' overhang (CGGATG
Analysis Date    :  3/29/24 at 1:45:57
Pages            :  26
Sequence Length  :  52501 bp
GC Content       :   63.79%

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

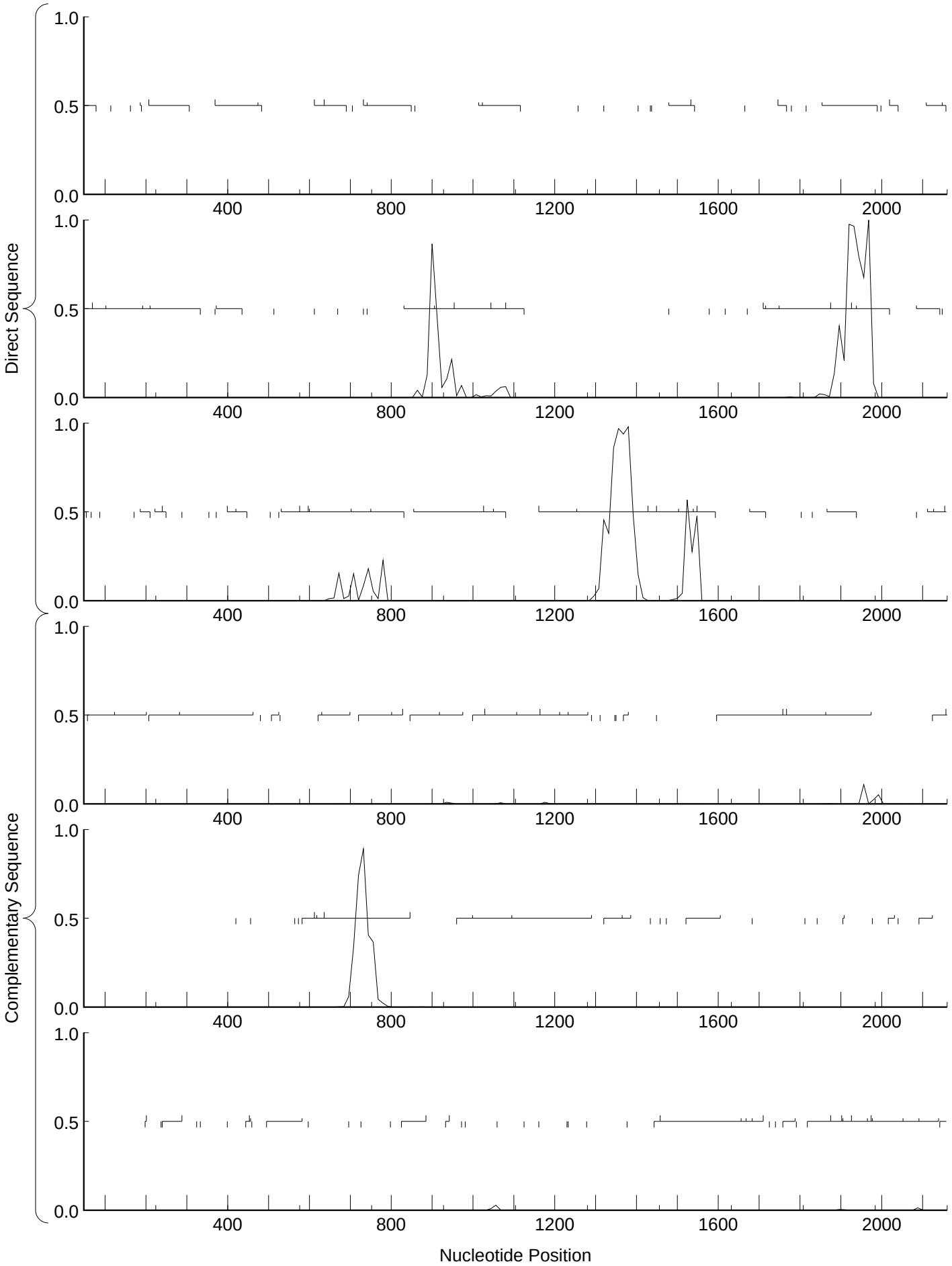

  Send questions / comments to:
      Dr. M. Borodovsky
      Georgia Institute of Technology
      School of Biology
      Atlanta, GA  30332-0230
```

Matrix notes & comments

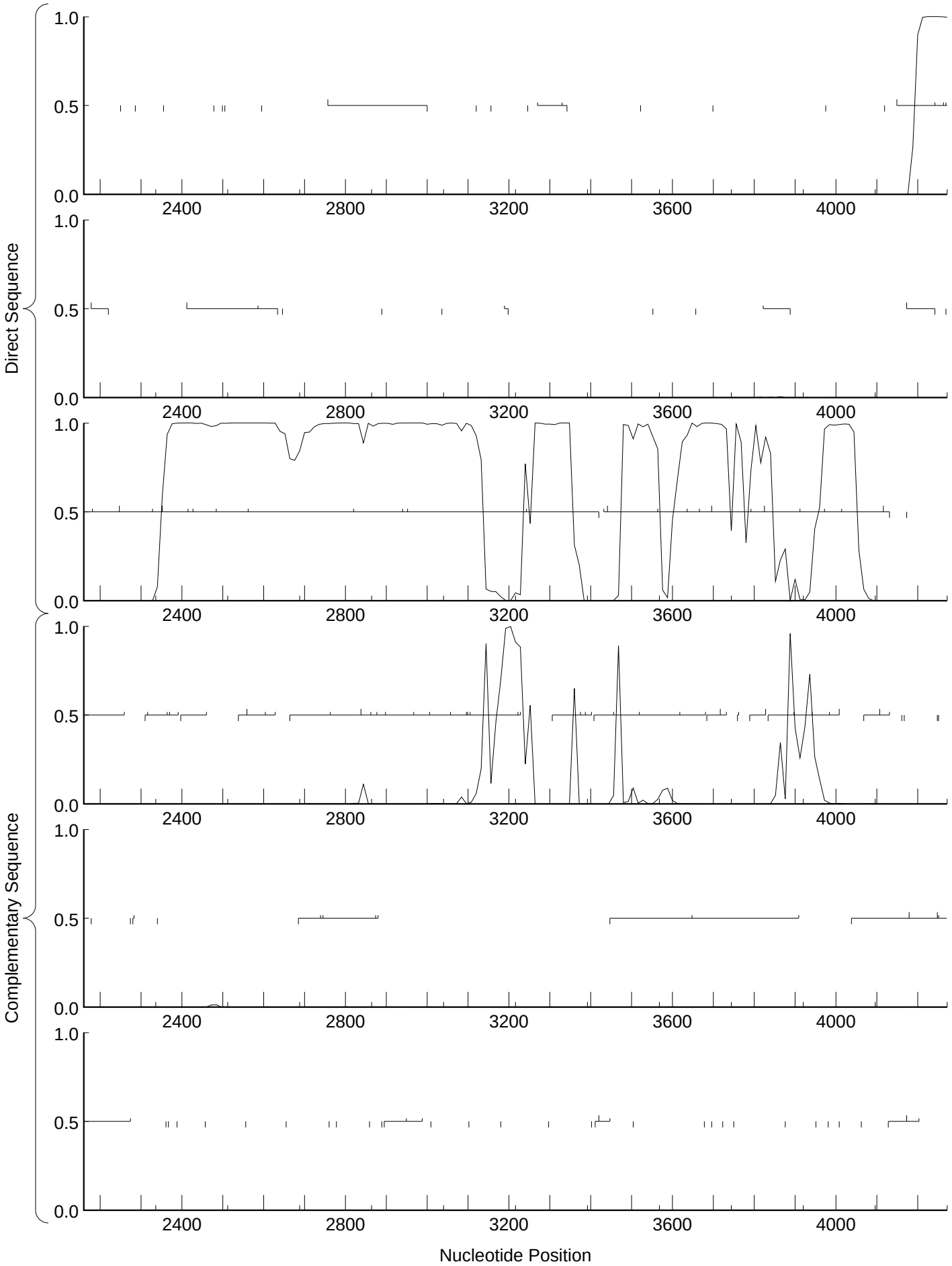
Training set derived by GeneMarkS, 4.27 September 2014
Tue Sep 23 15:23:03 2014

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

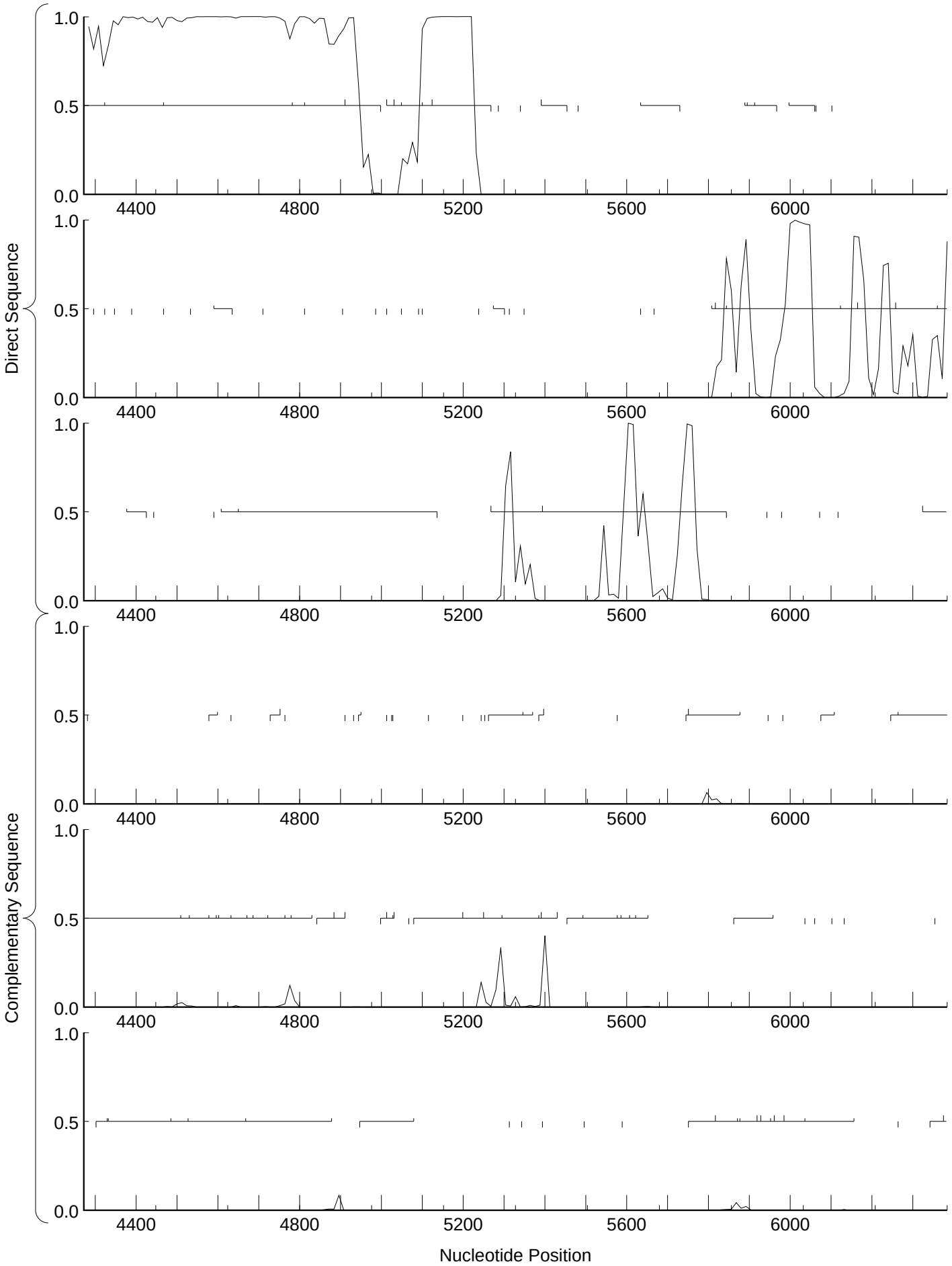
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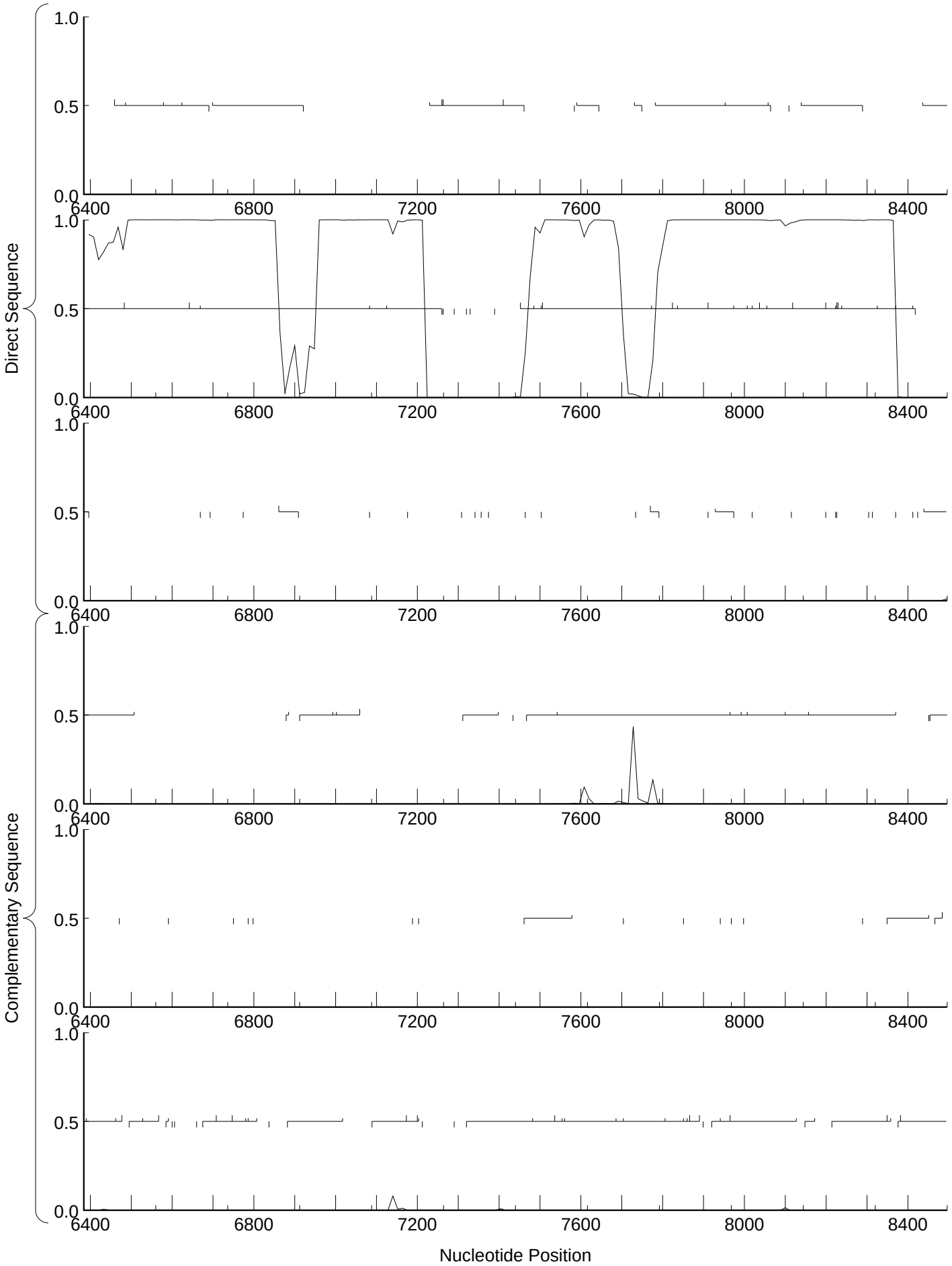
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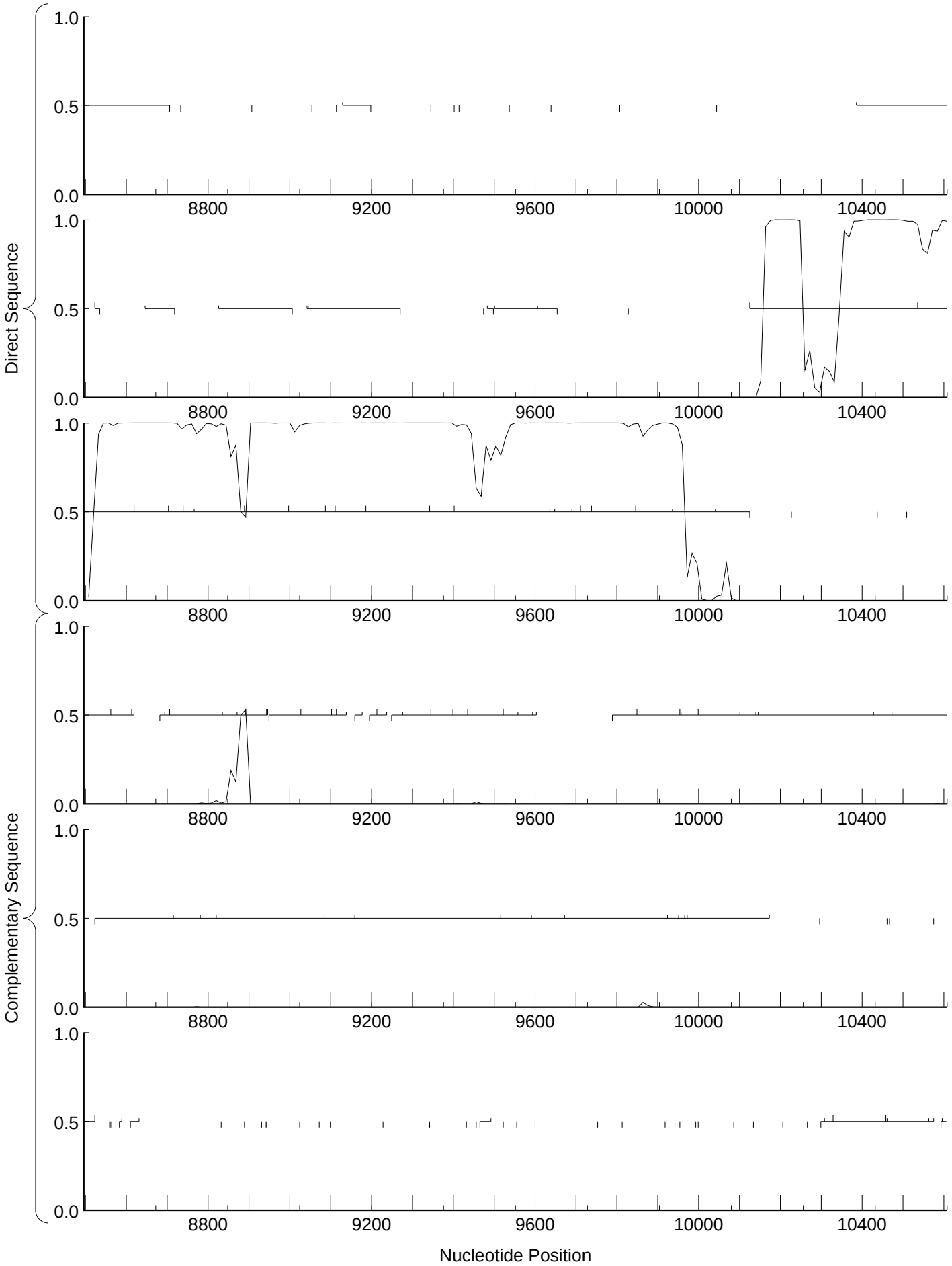
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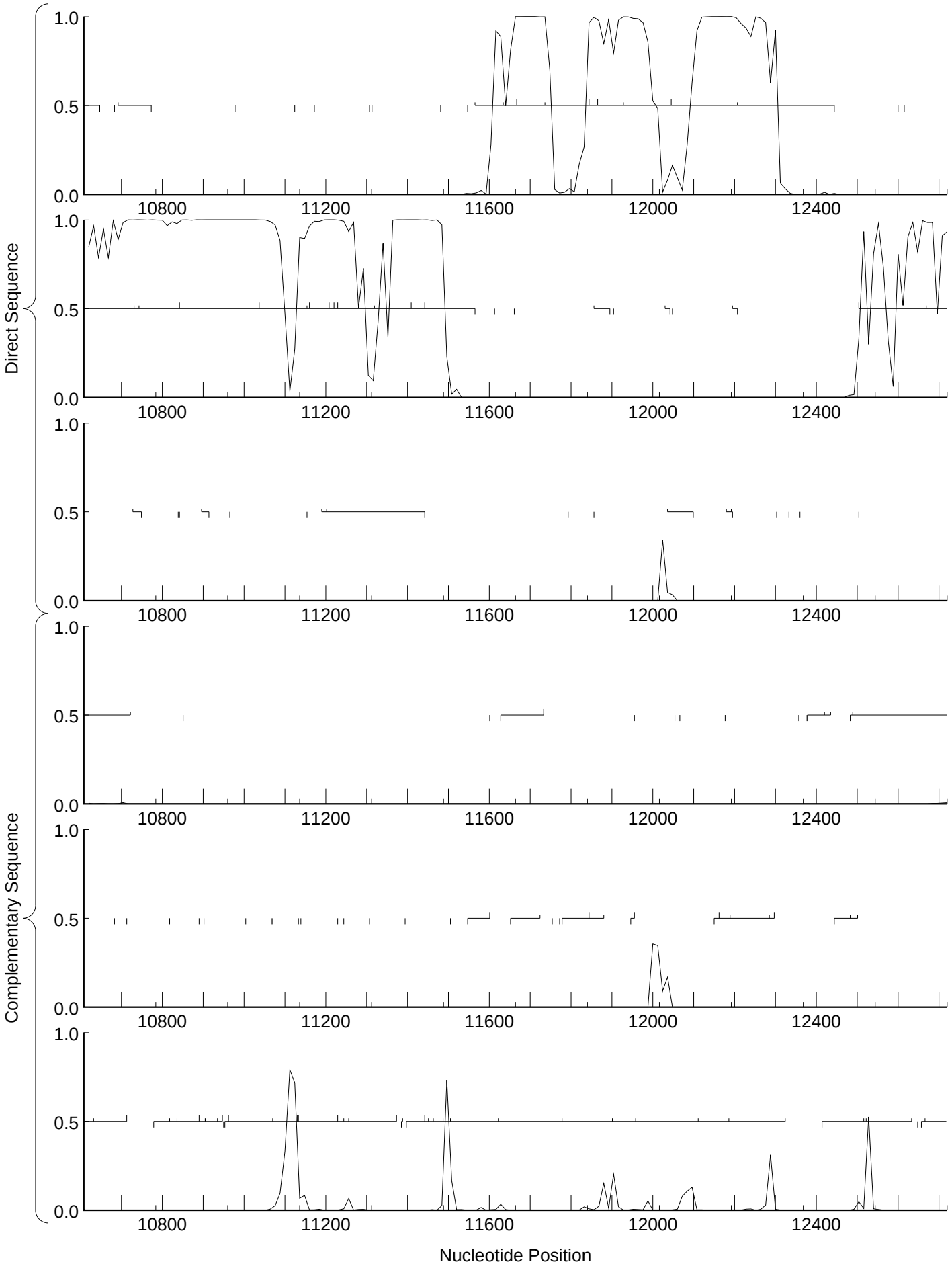
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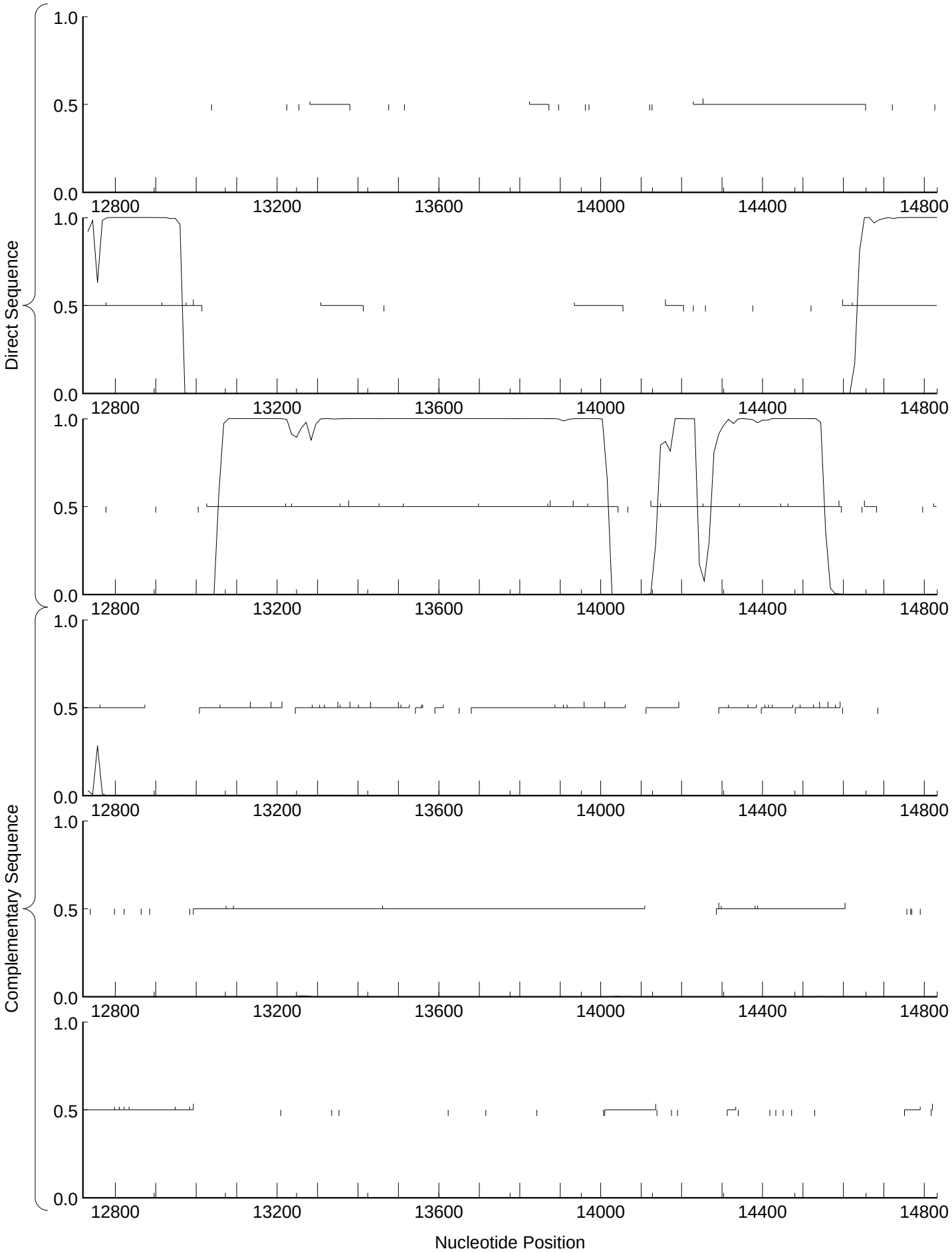
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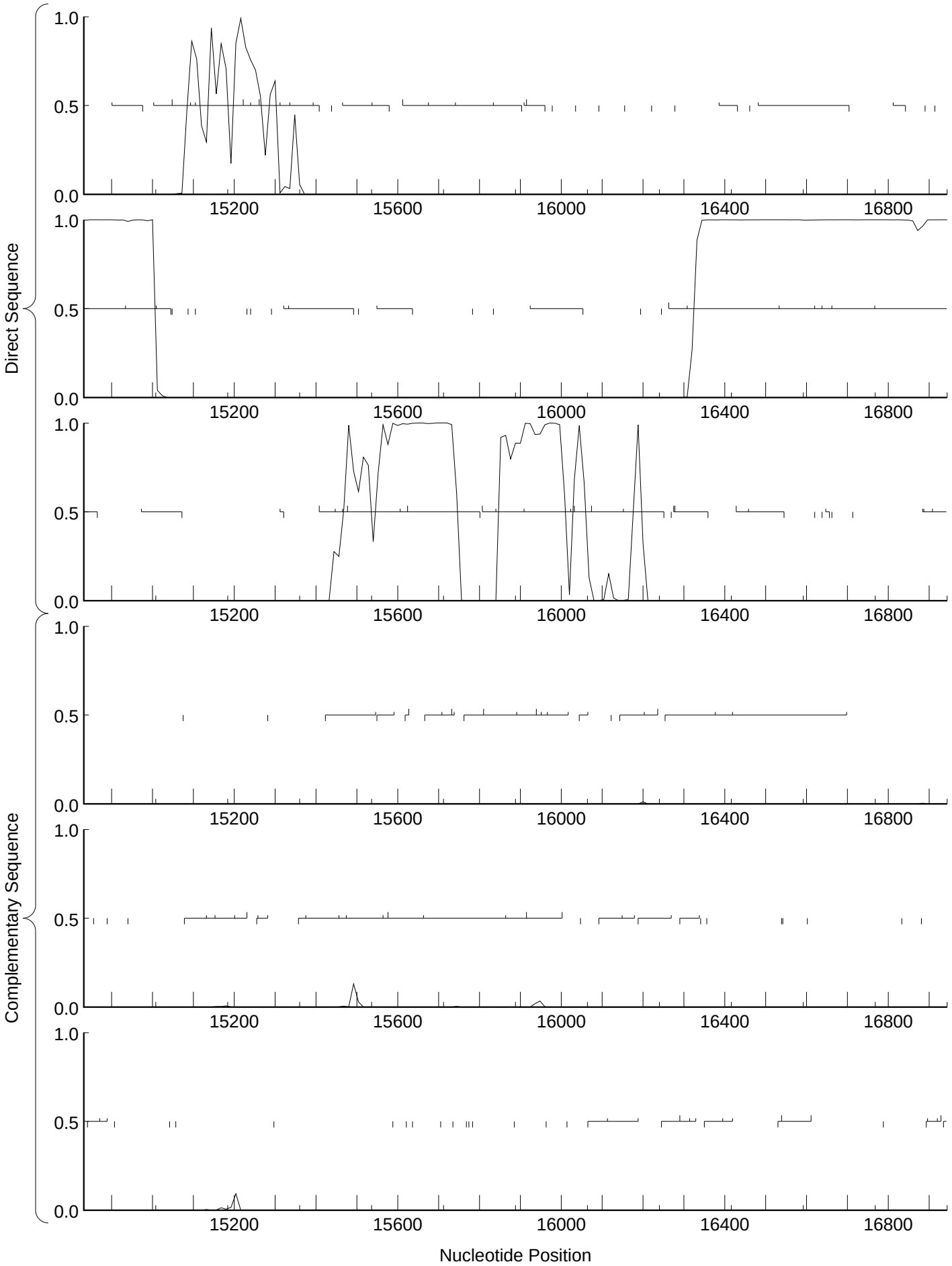
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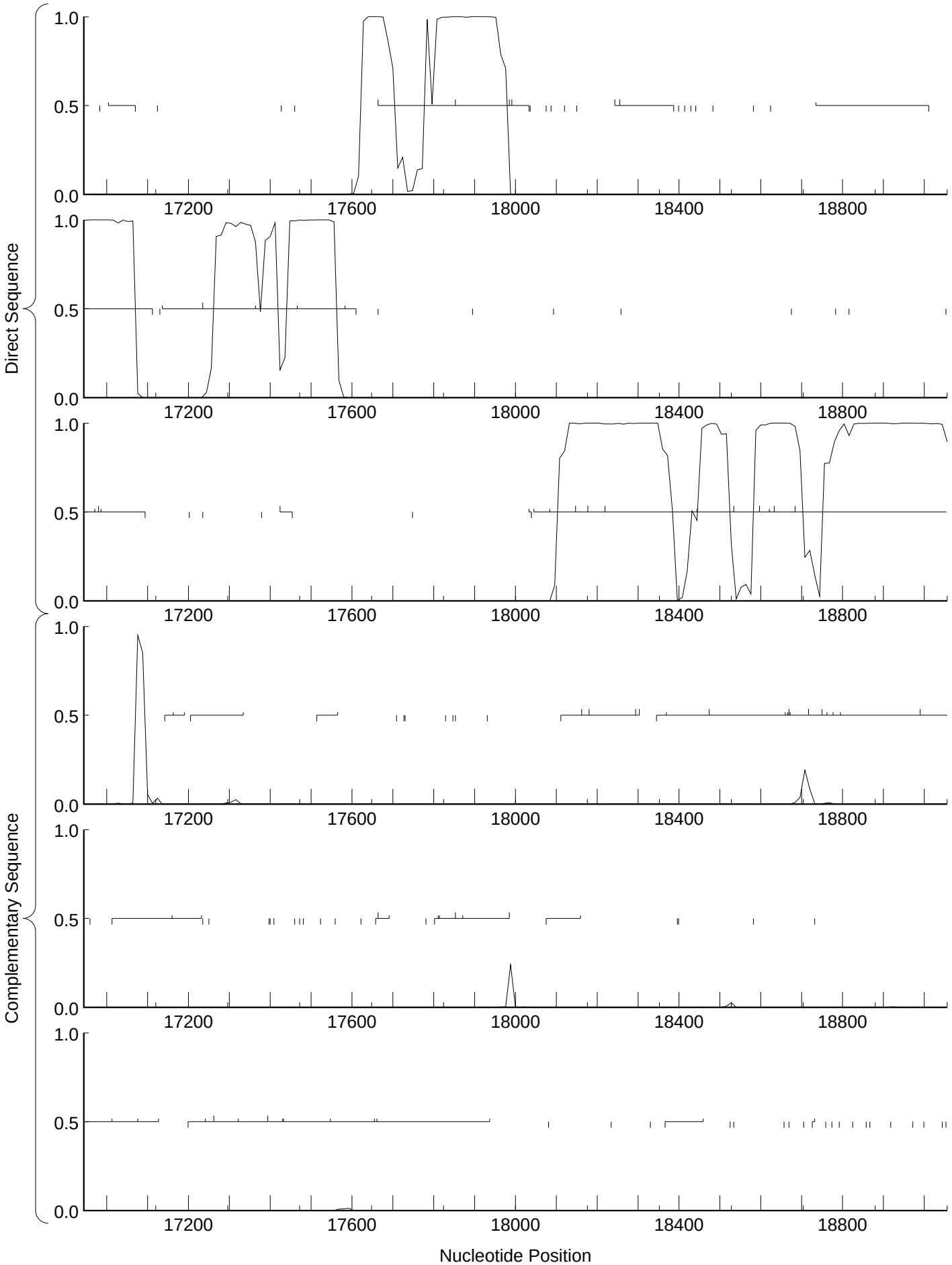


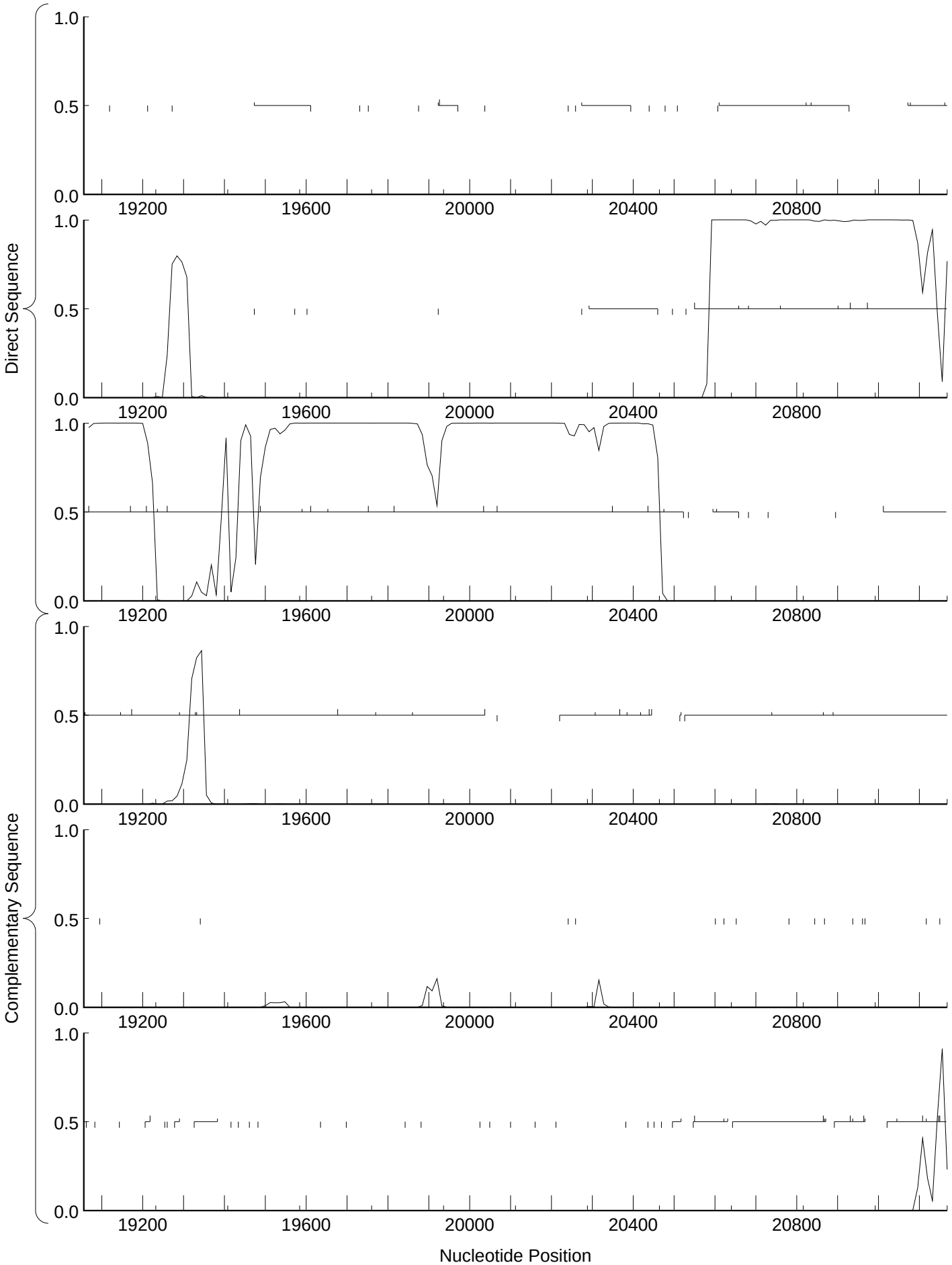
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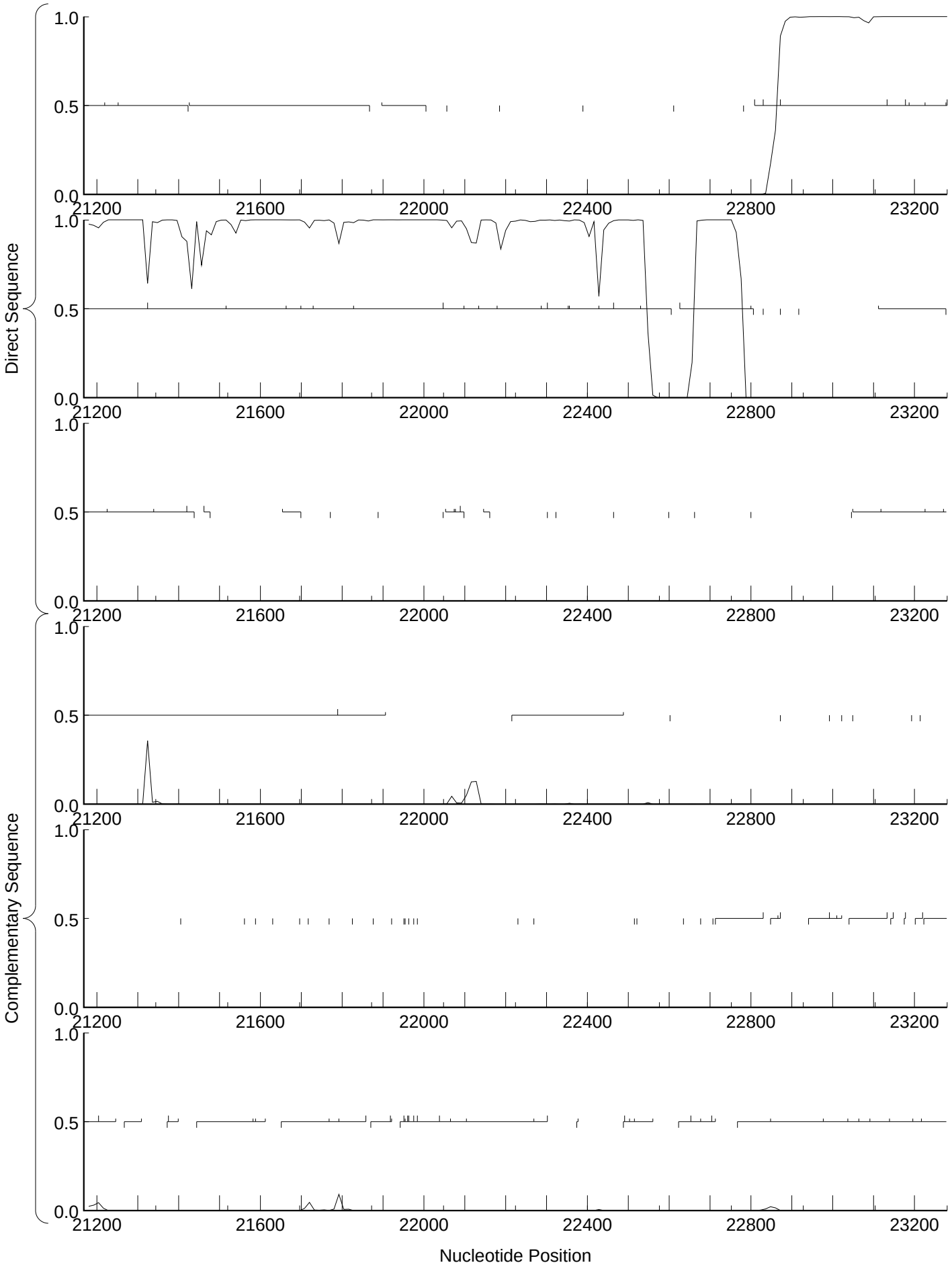


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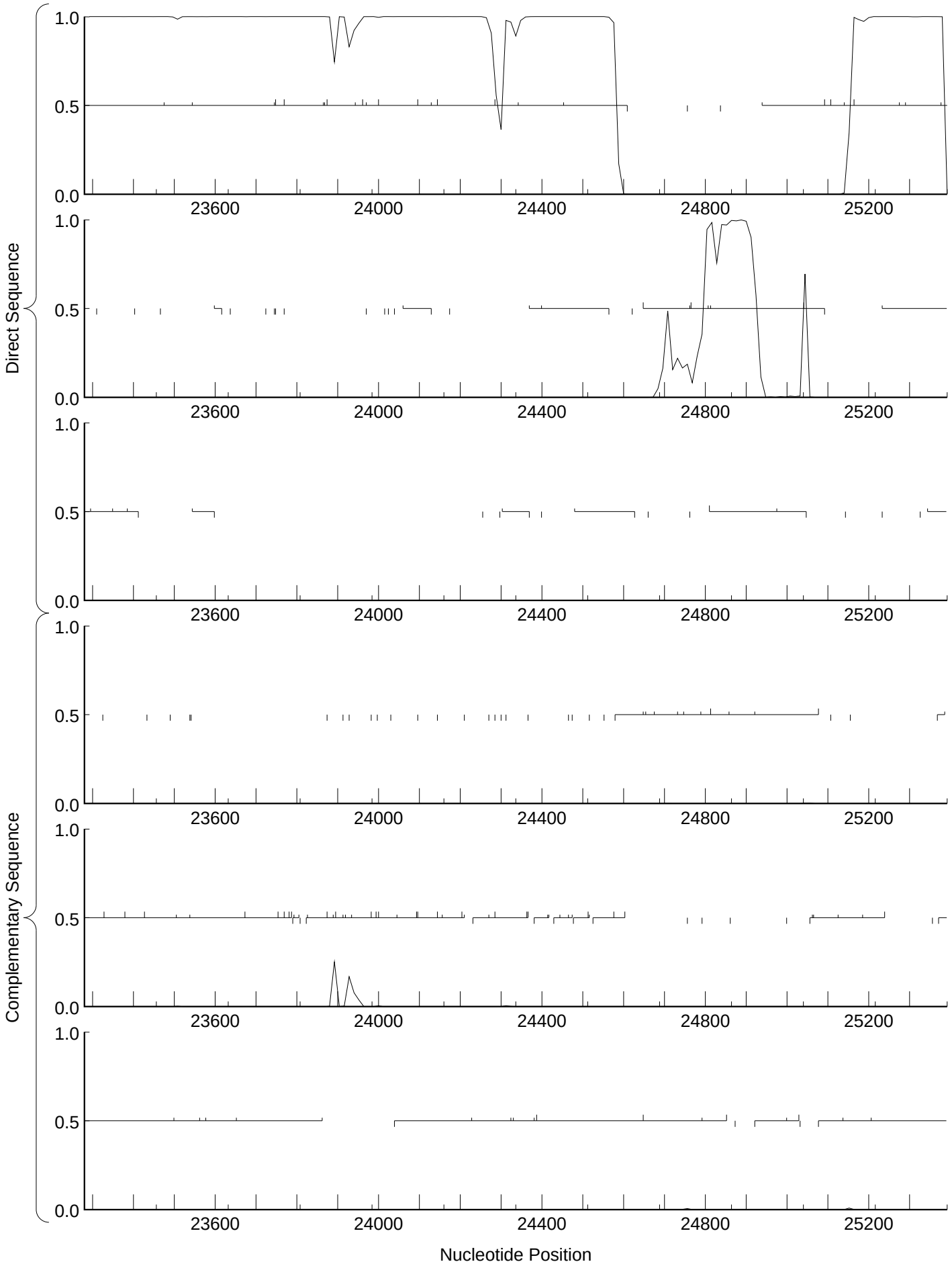


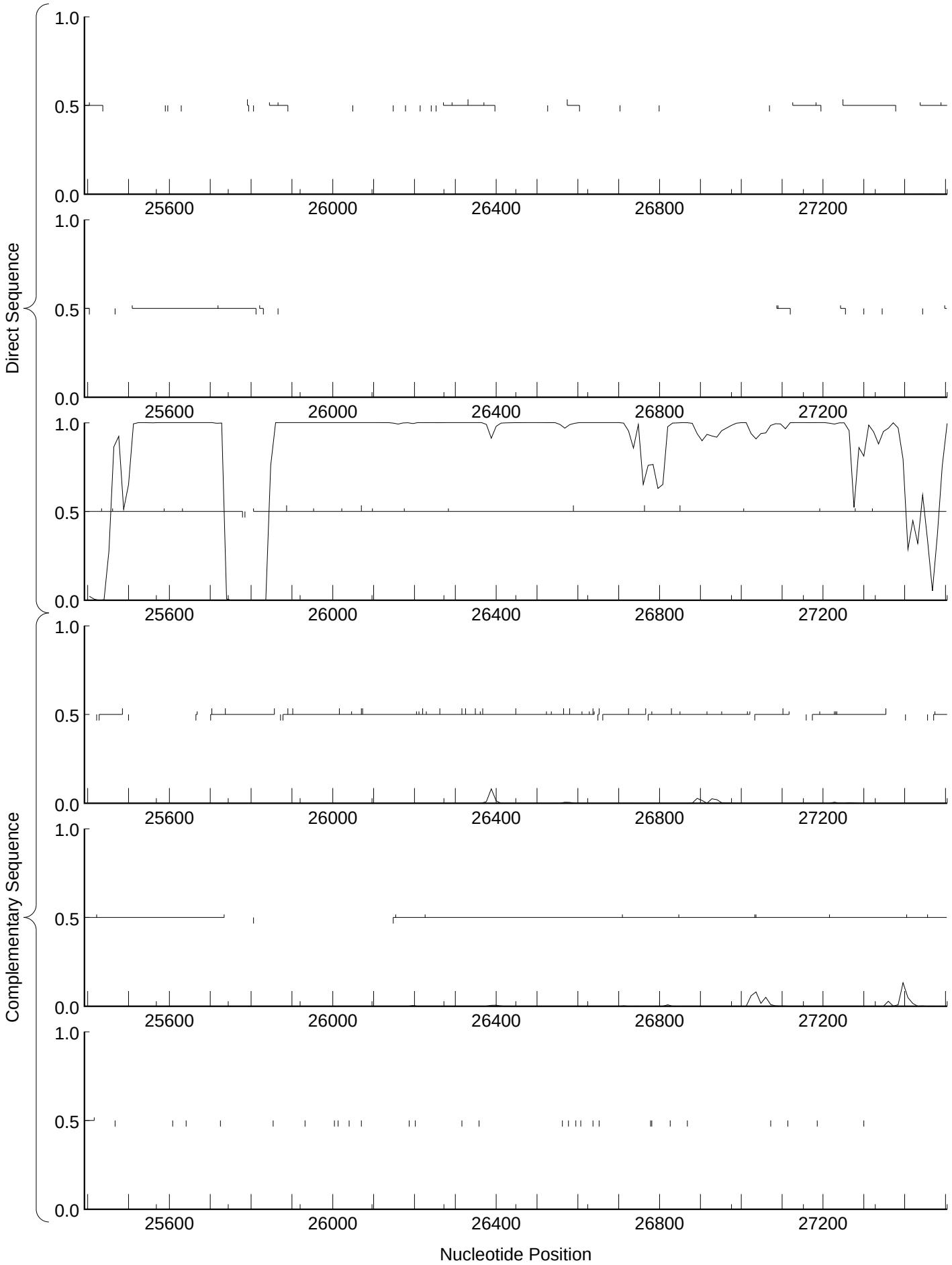

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Complementary Sequence
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0.5
0.0
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17600
18000
18400
18800
Nucleotide Position

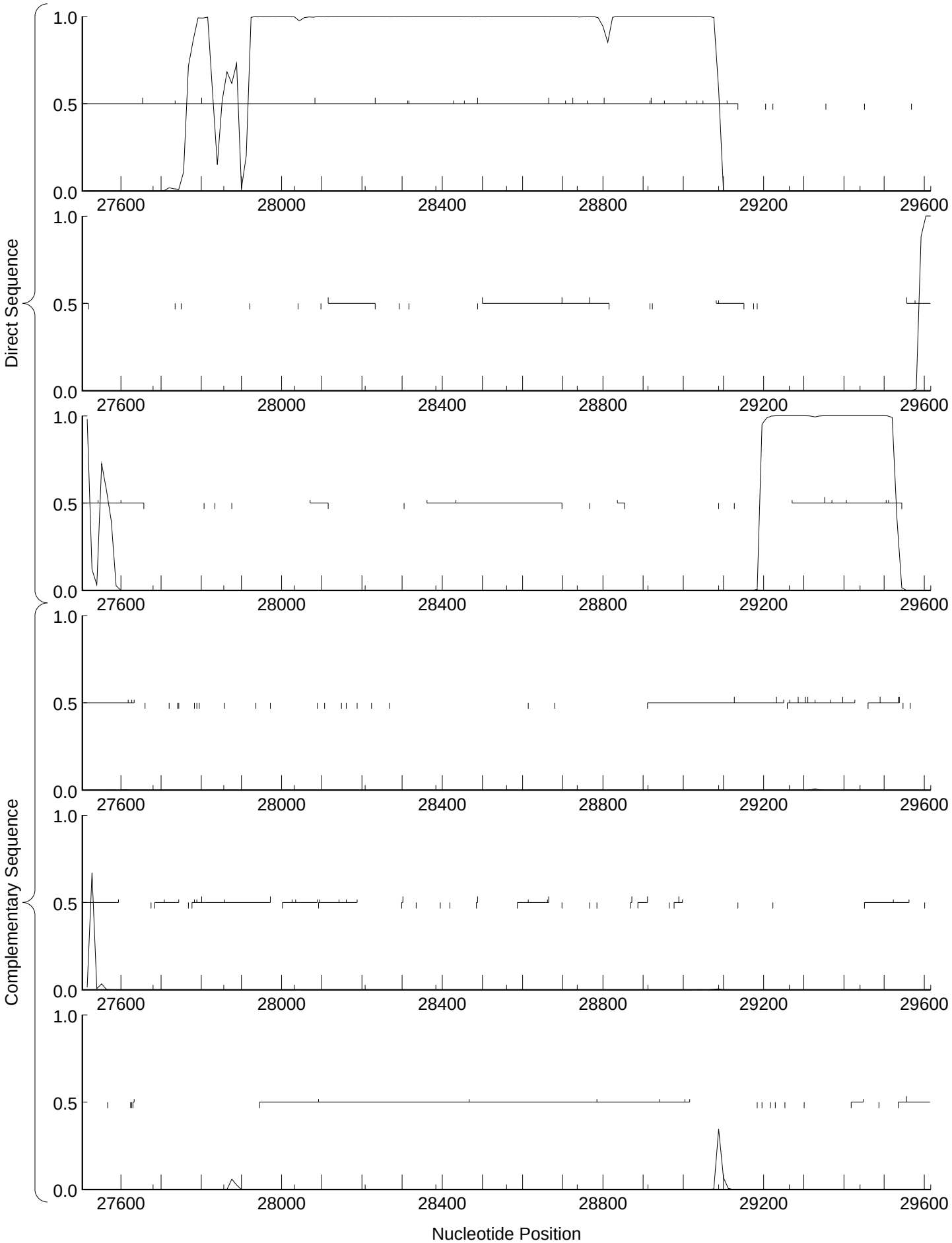

Direct Sequence
Complementary Sequence
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20000
20400
20800
Nucleotide Position

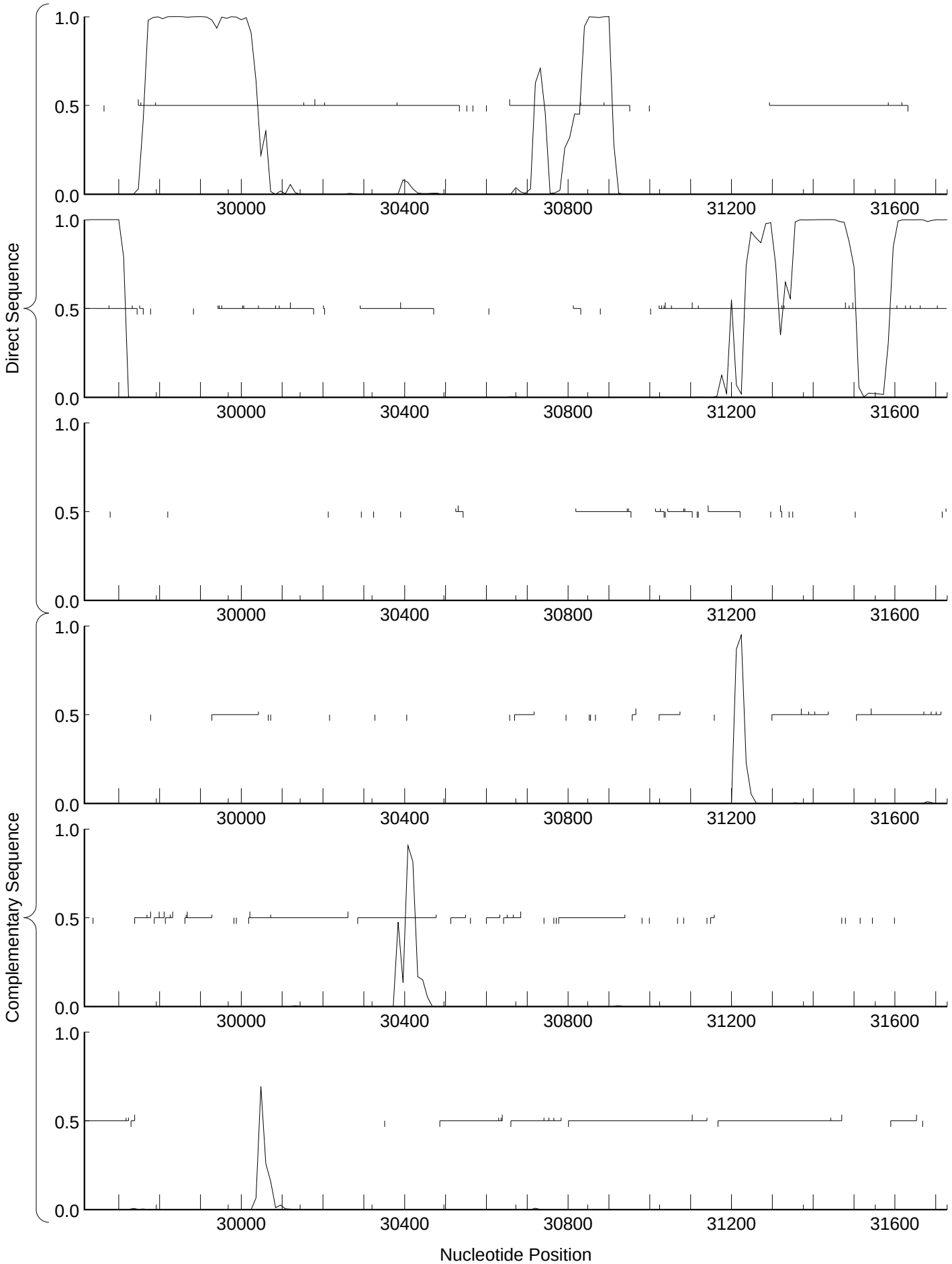

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Complementary Sequence
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21600
22000
22400
22800
23200
Nucleotide Position

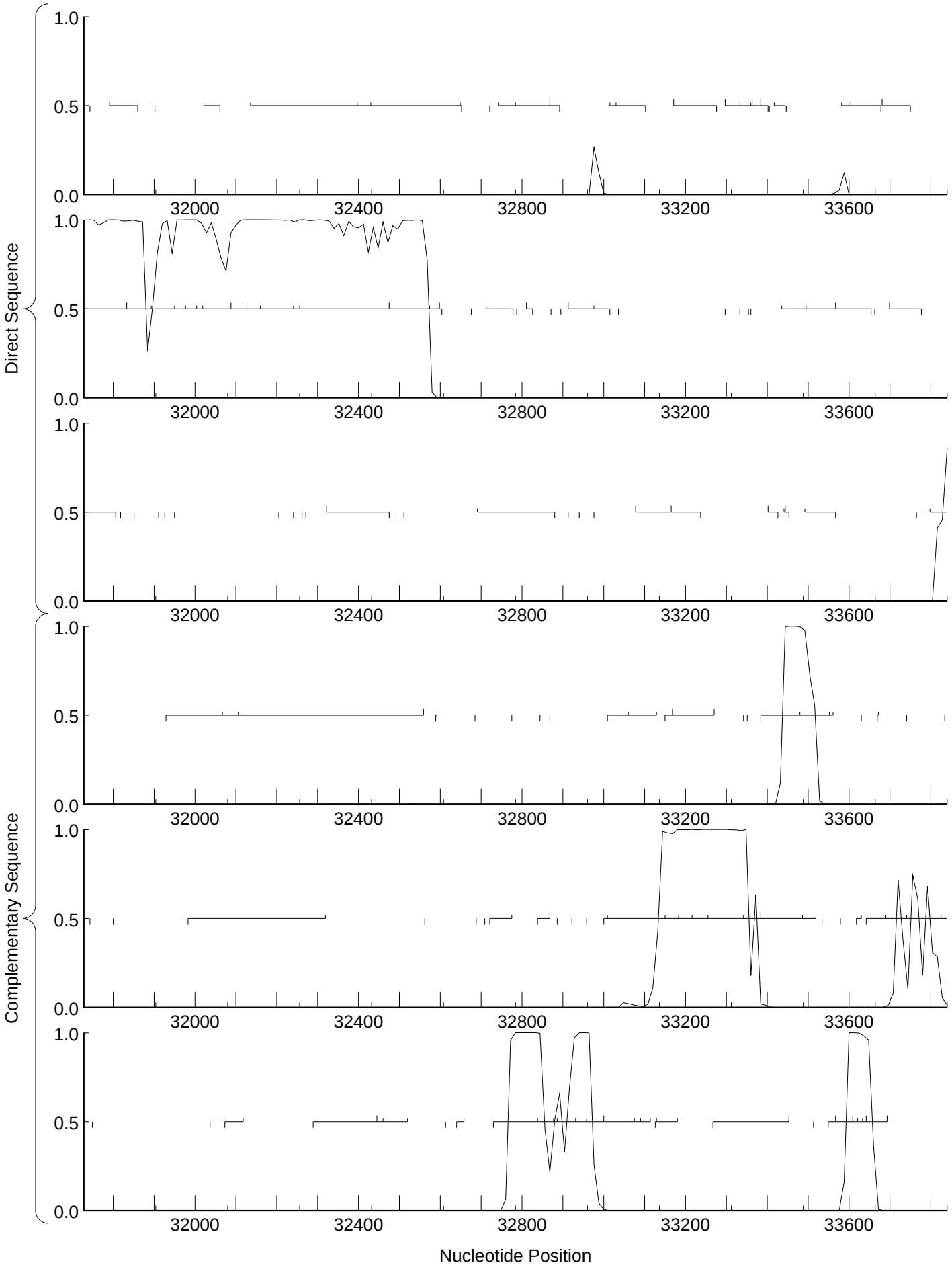
complete sequence, 52501 bp including 10-base 3’ overhang (CGGATGGTAA), Cluster A1, Order 4, Window 96, Step 12, 13/26

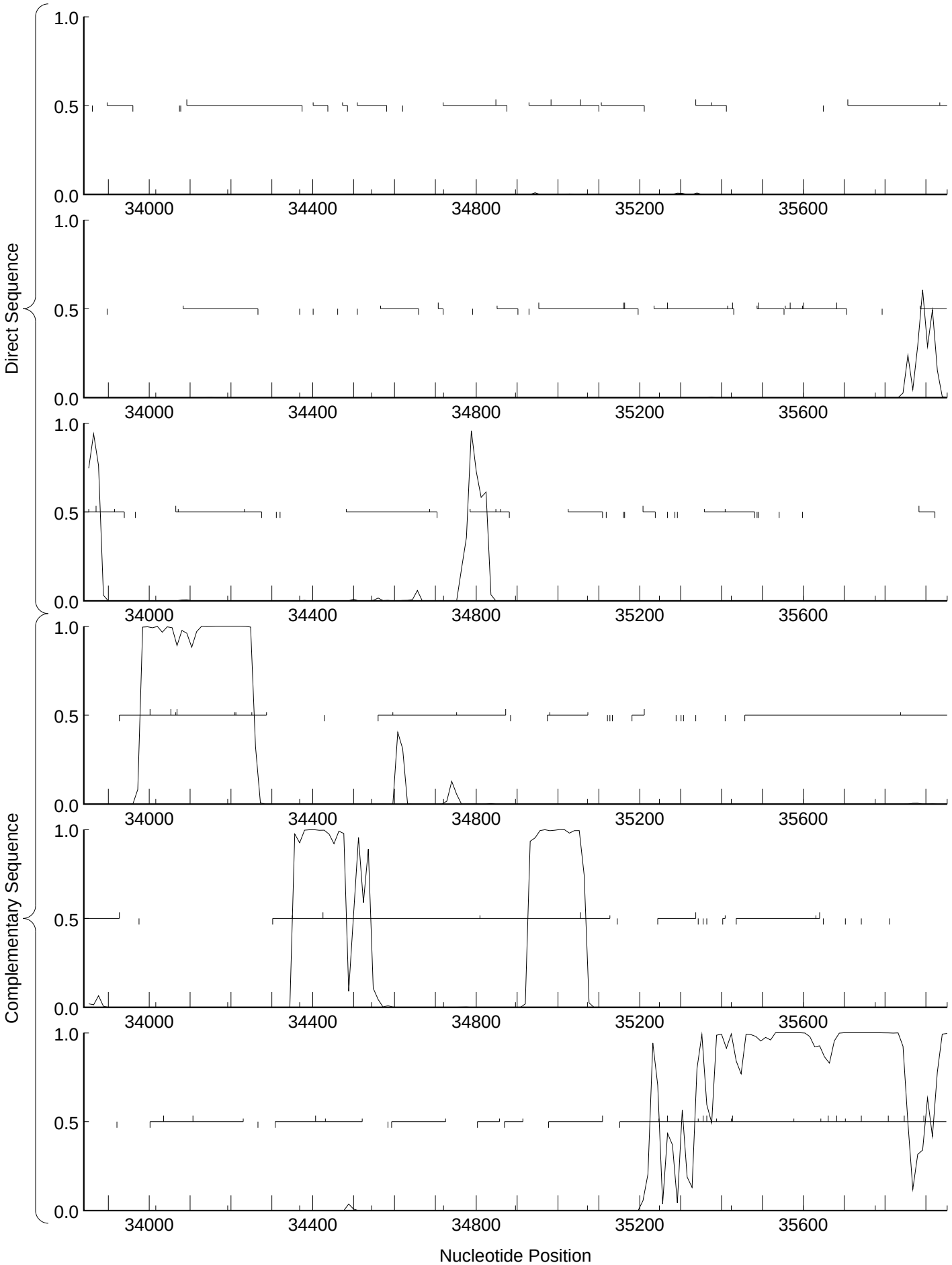


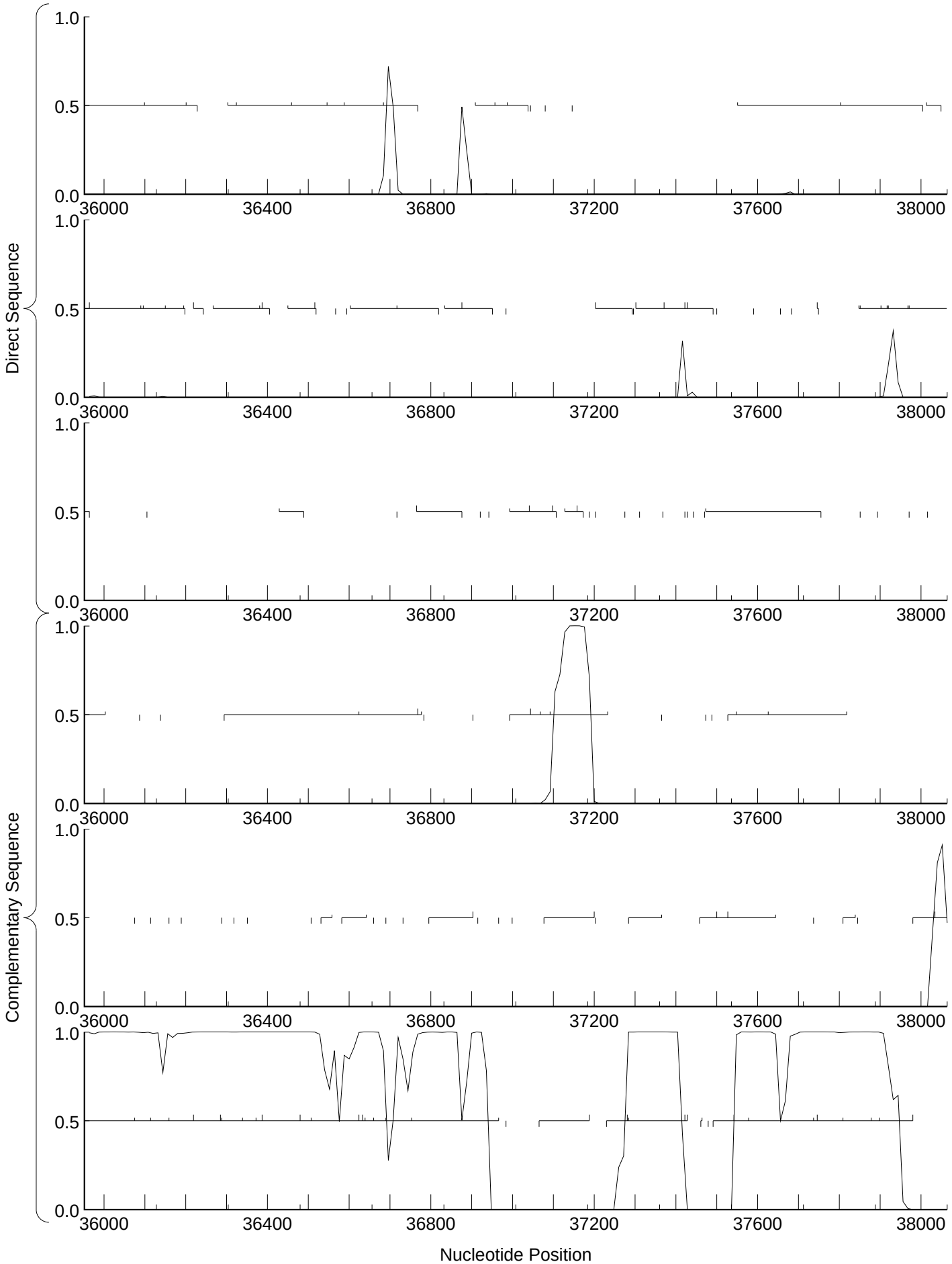

Direct Sequence
Complementary Sequence
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0.5
0.0
25600
26000
26400
26800
27200
Nucleotide Position

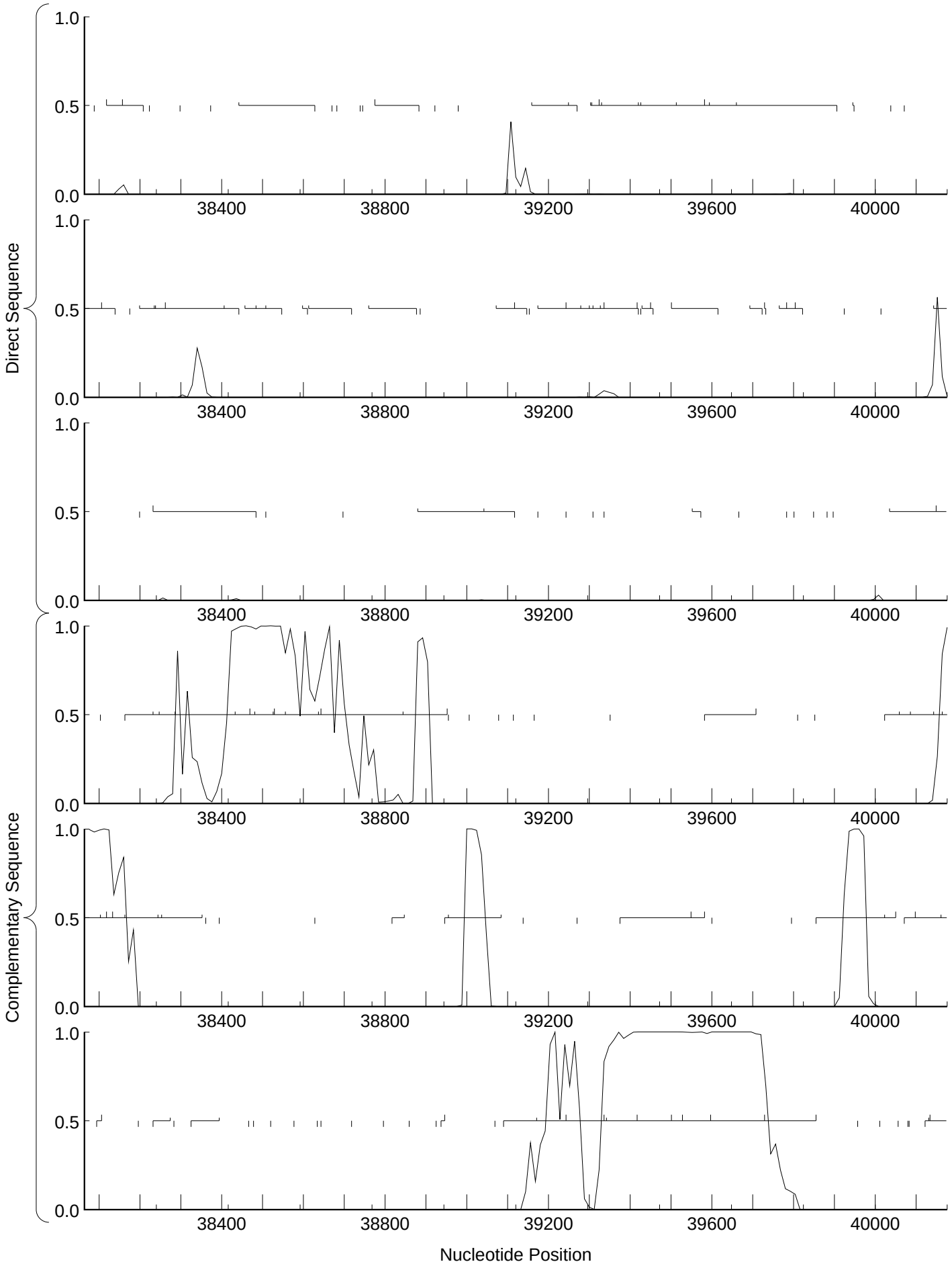

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Complementary Sequence
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0.0
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29200
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Nucleotide Position

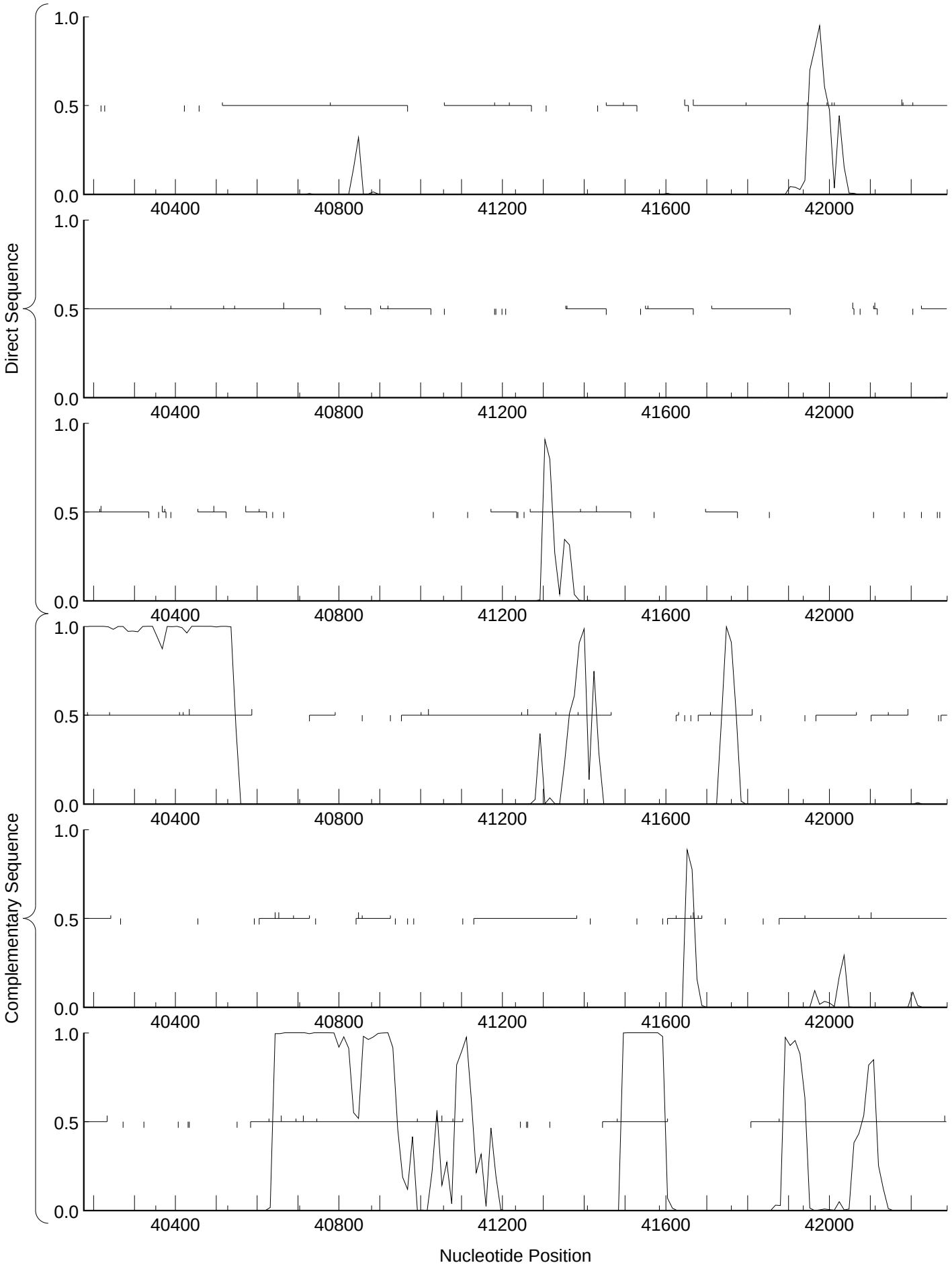

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Complementary Sequence
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31200
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Nucleotide Position

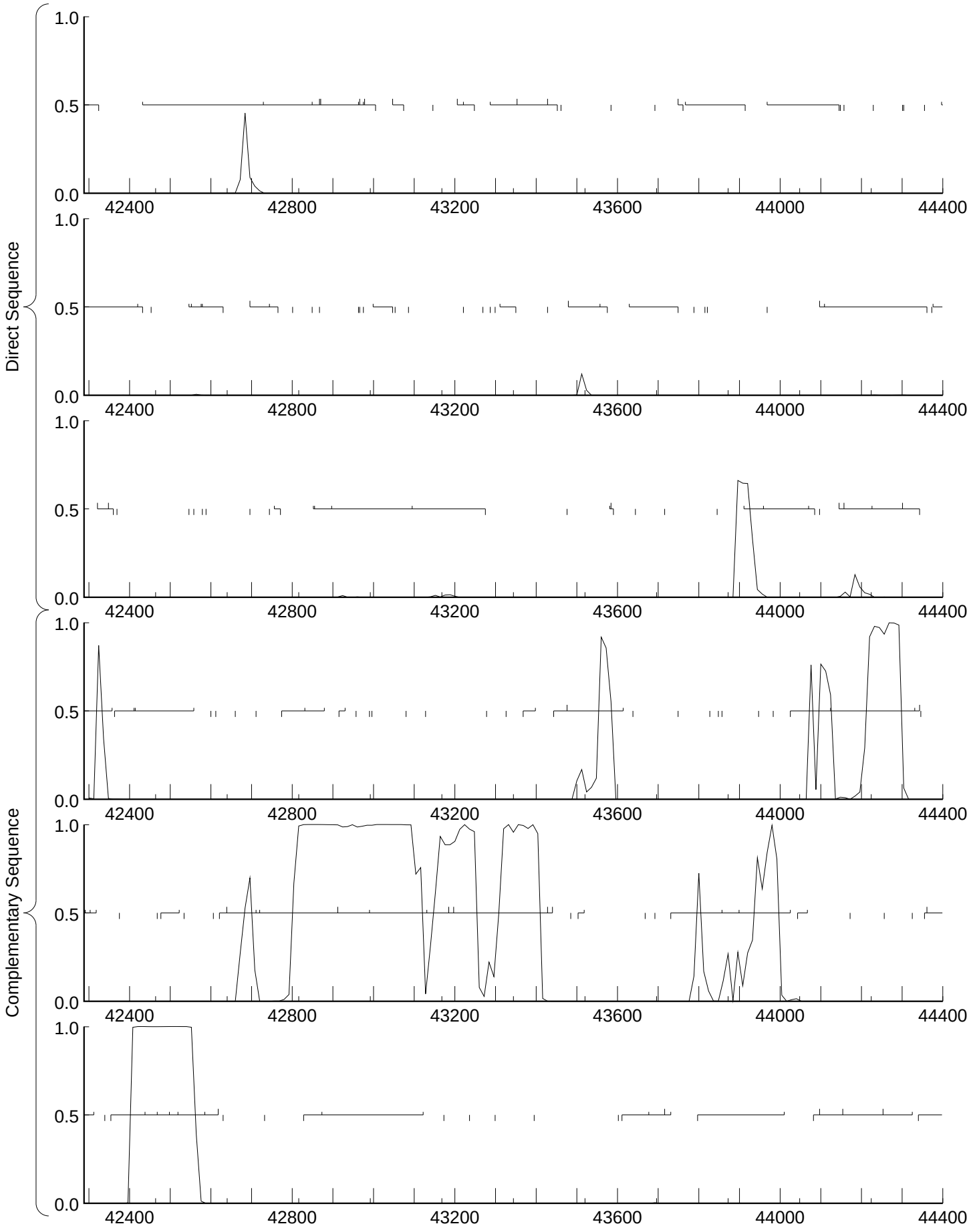

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Complementary Sequence
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32800
33200
33600
Nucleotide Position

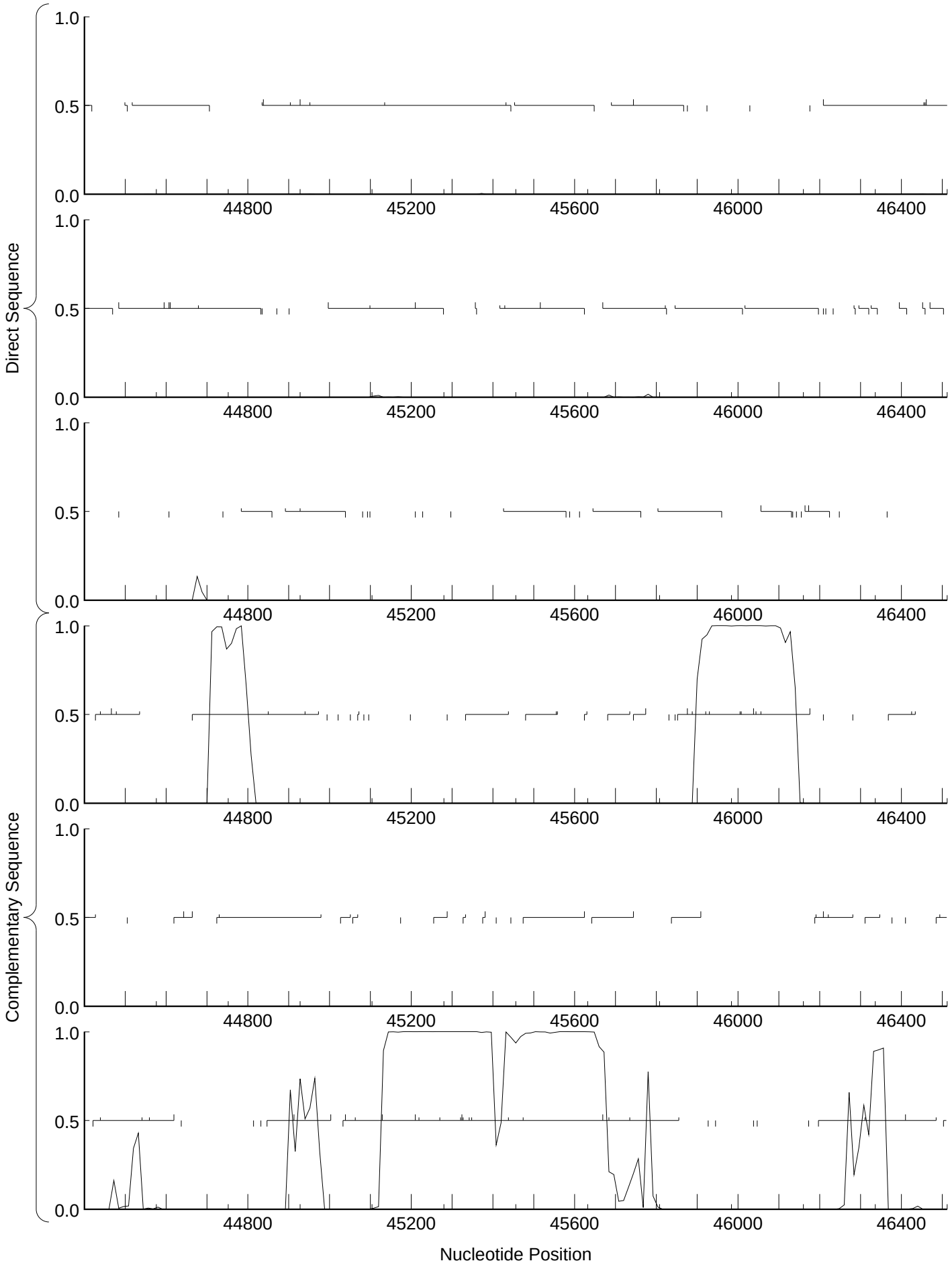

Direct Sequence
Complementary Sequence
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34400
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35600
Nucleotide Position

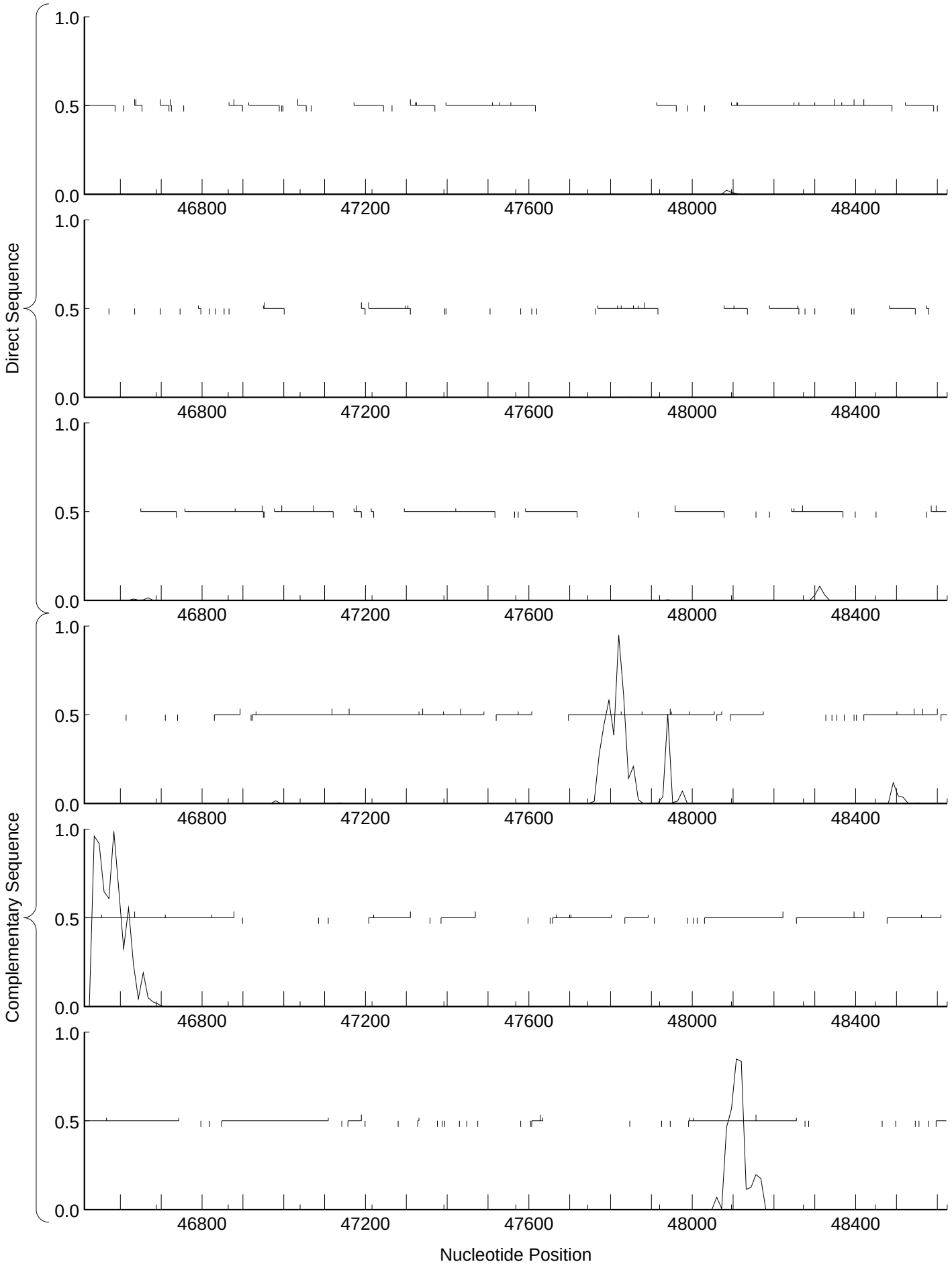

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36400
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37200
37600
38000
Nucleotide Position

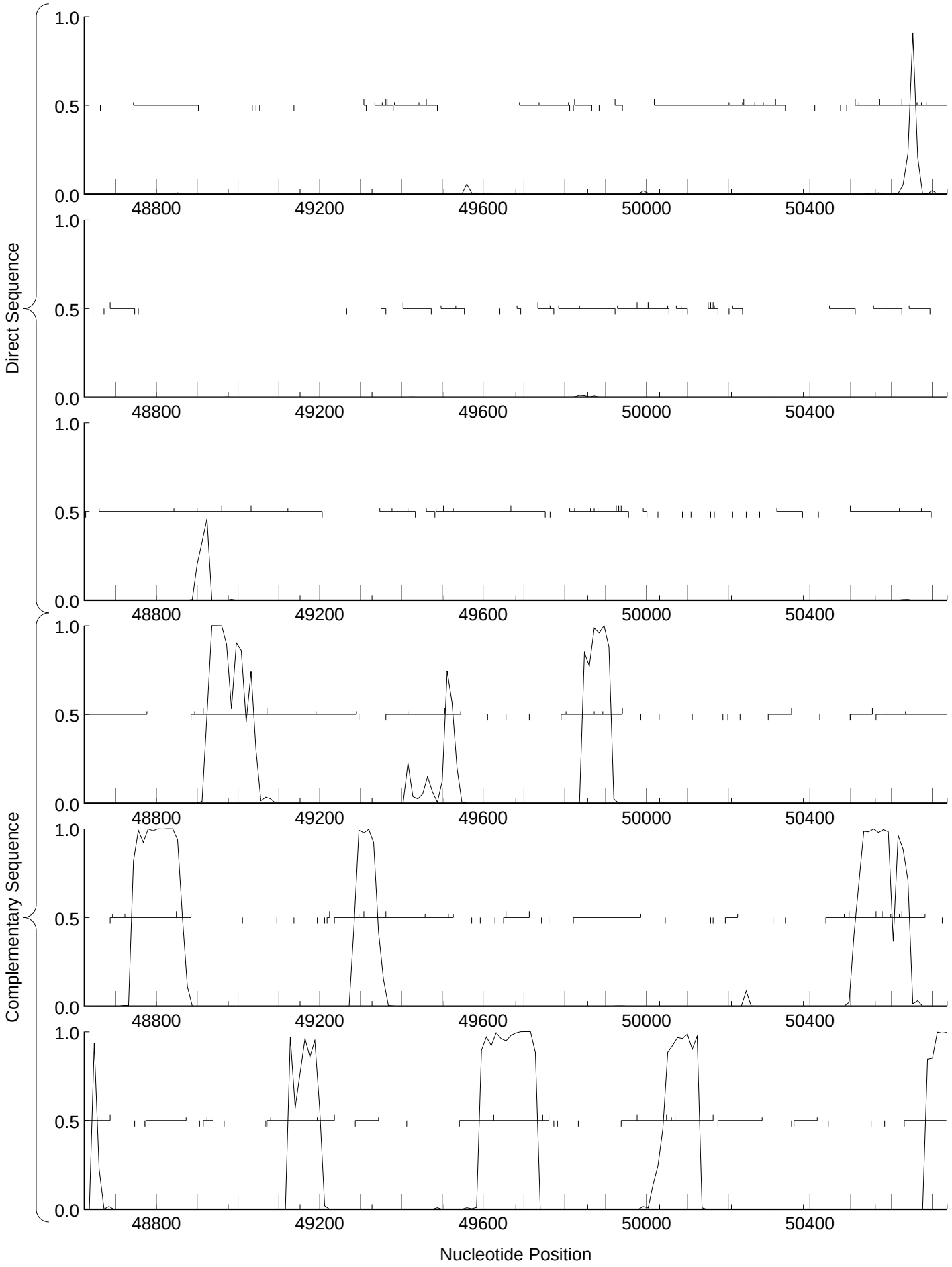

Direct Sequence
Complementary Sequence
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0.5
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38800
39200
39600
40000
Nucleotide Position

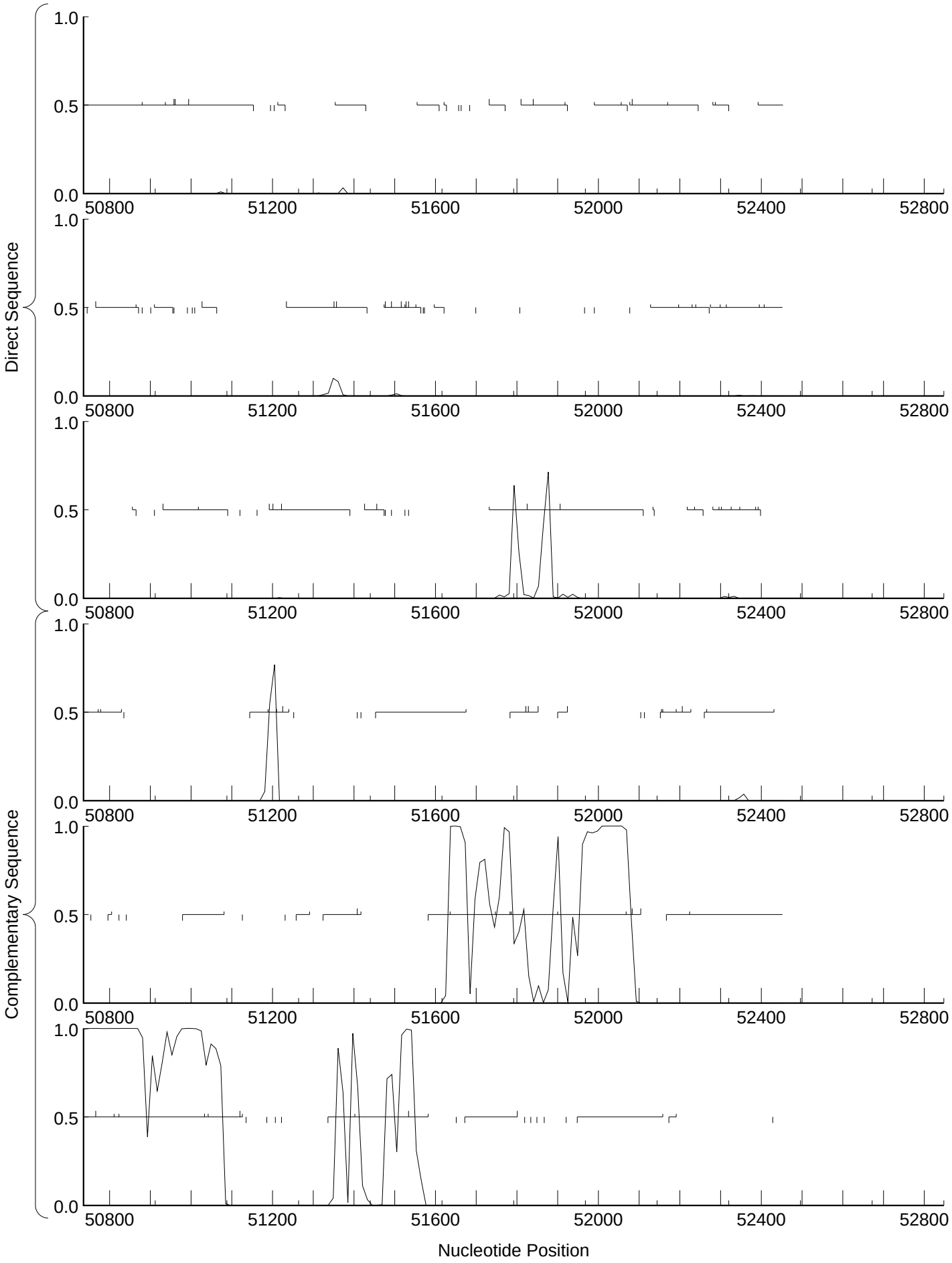

Direct Sequence
Complementary Sequence
1.0
0.5
0.0
40400
40800
41200
41600
42000
Nucleotide Position


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


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


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