GeneMark

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

PROGRAM INFORMATION

```
Sequence         :  Streptomyces phage Bordeaux complete sequence, 131317 bp including 12579 bp terminal repeat
Analysis Date    :  3/28/24 at 13:10:34
Pages            :  64
Sequence Length  :  131317 bp
GC Content       :   49.49%

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 INFORMATION

```
Matrix     :  Streptomyces_scabiei_87_22
Author     :  -

Order      :  4
```

Send questions / comments to:

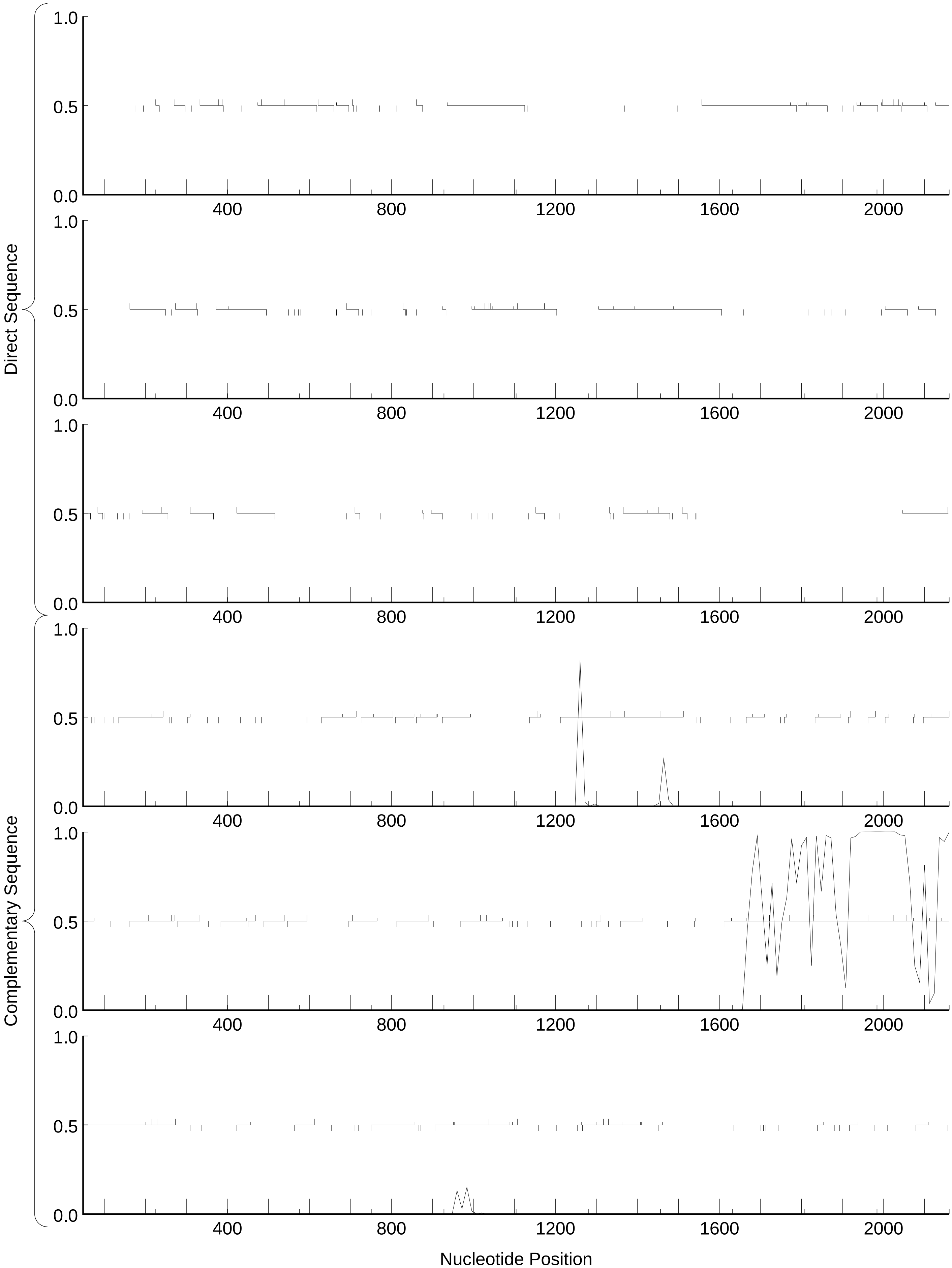
Dr. M. Borodovsky
Georgia Institute of Technology
School of Biology
Atlanta, GA 30332-0230

Matrix notes & comments

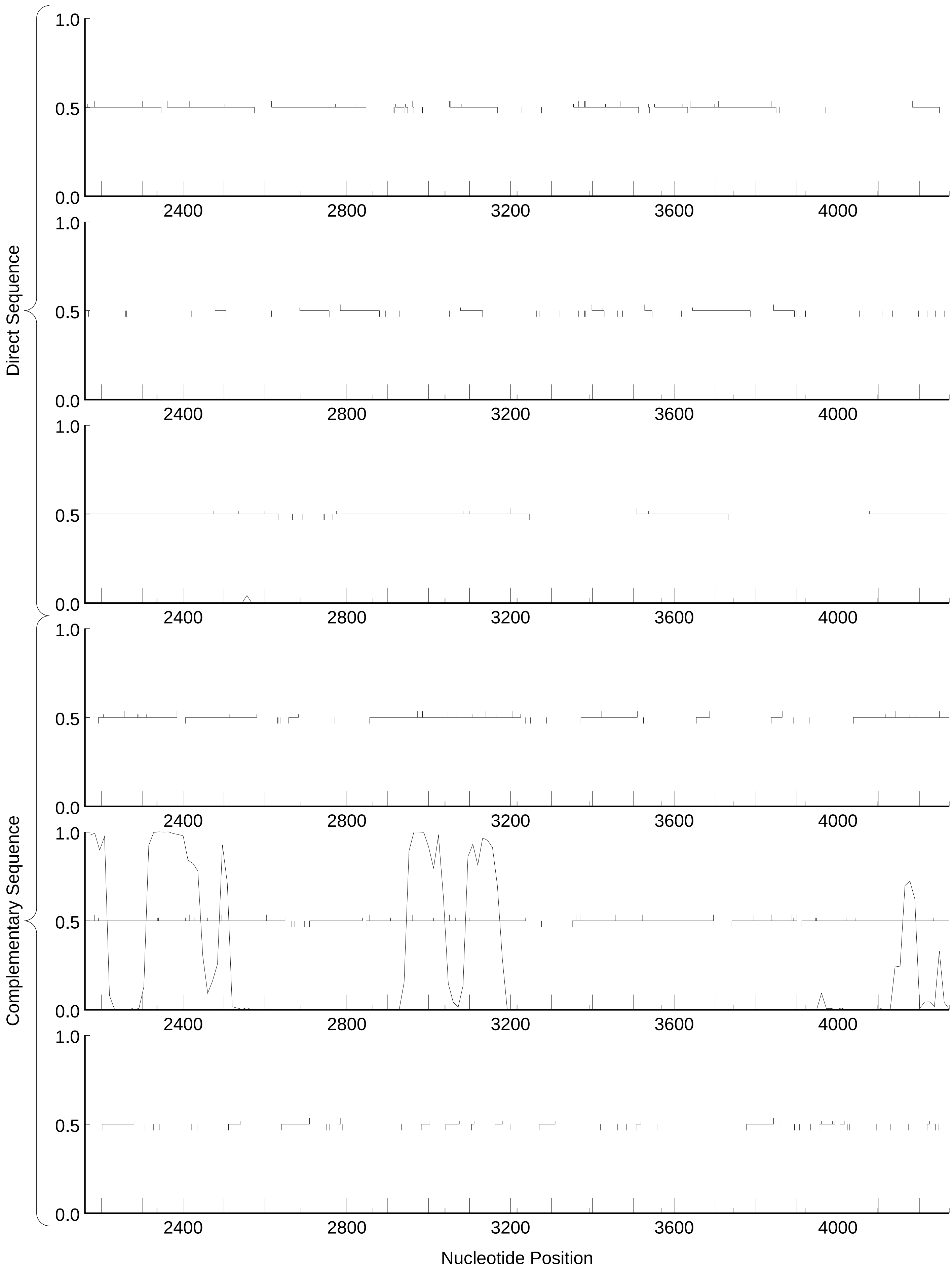
Training set derived by GeneMarkS, 4.27 September 2014
Tue Sep 23 15:43:16 2014

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

ge Bordeaux complete sequence, 131317 bp including 12579 bp terminal repeat, Cluster BE2, Order 4, Window 96, Step 12, 2/64



ge Bordeaux complete sequence, 131317 bp including 12579 bp terminal repeat, Cluster BE2, Order 4, Window 96, Step 12, 3/64



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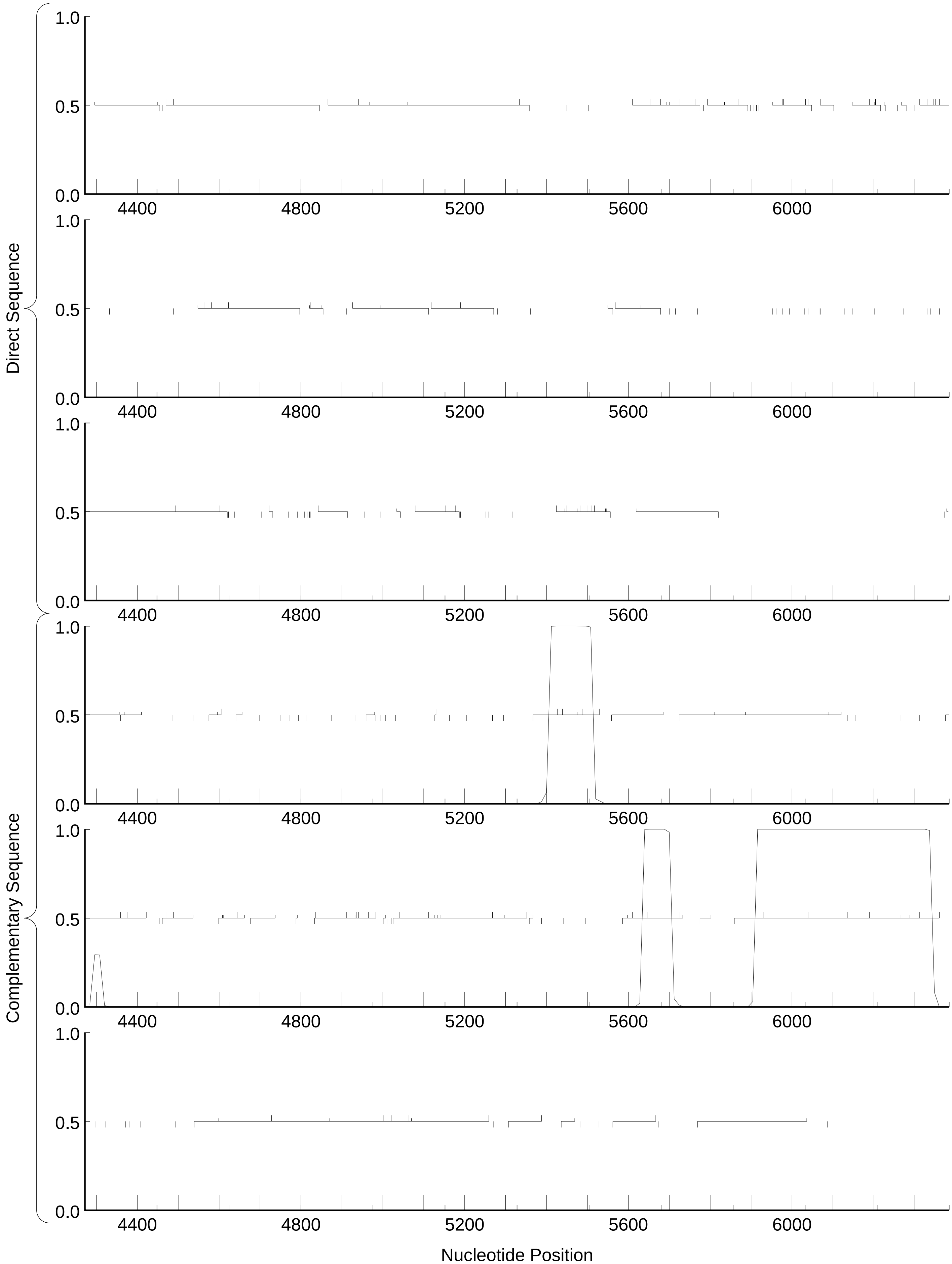

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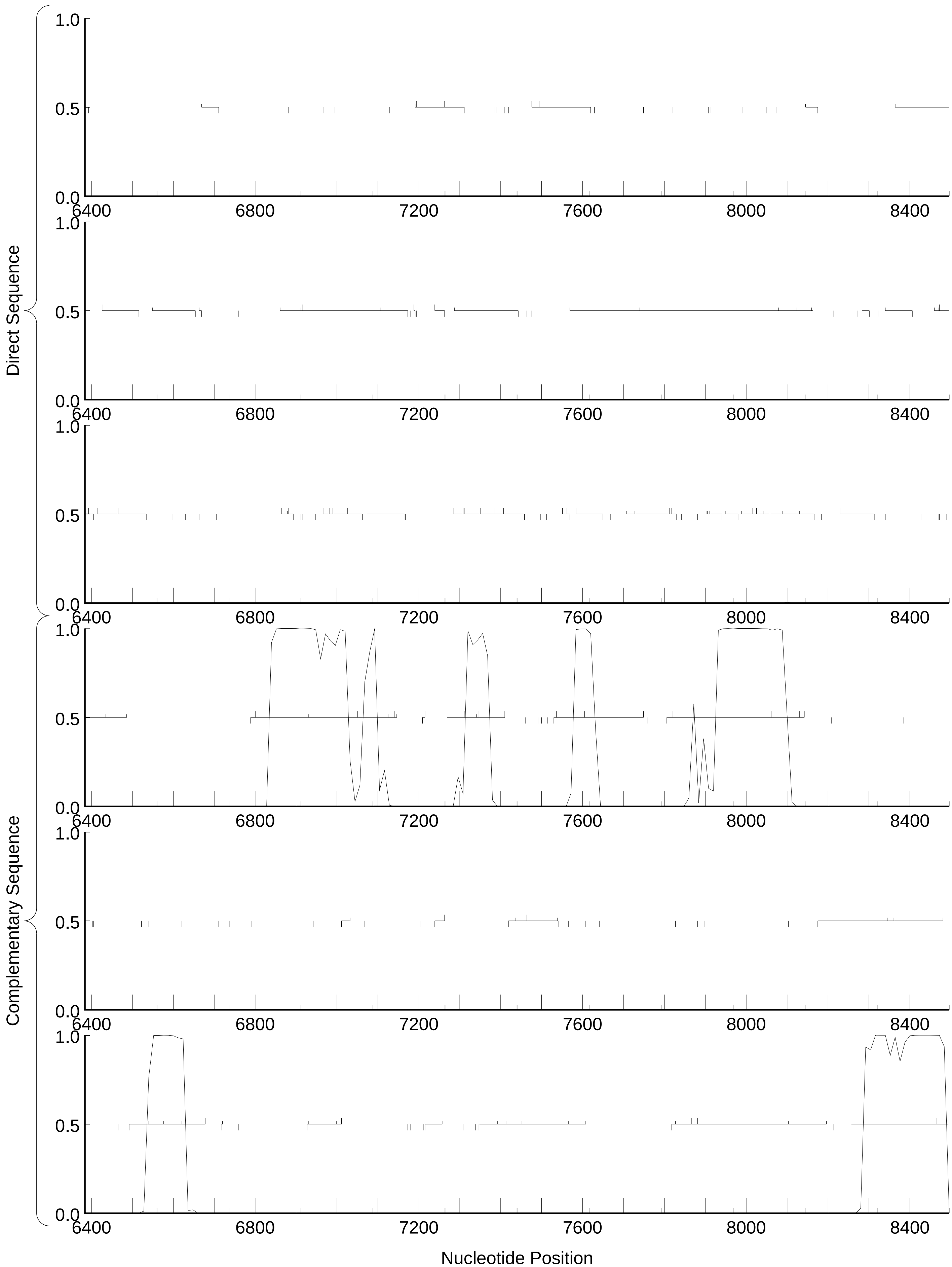

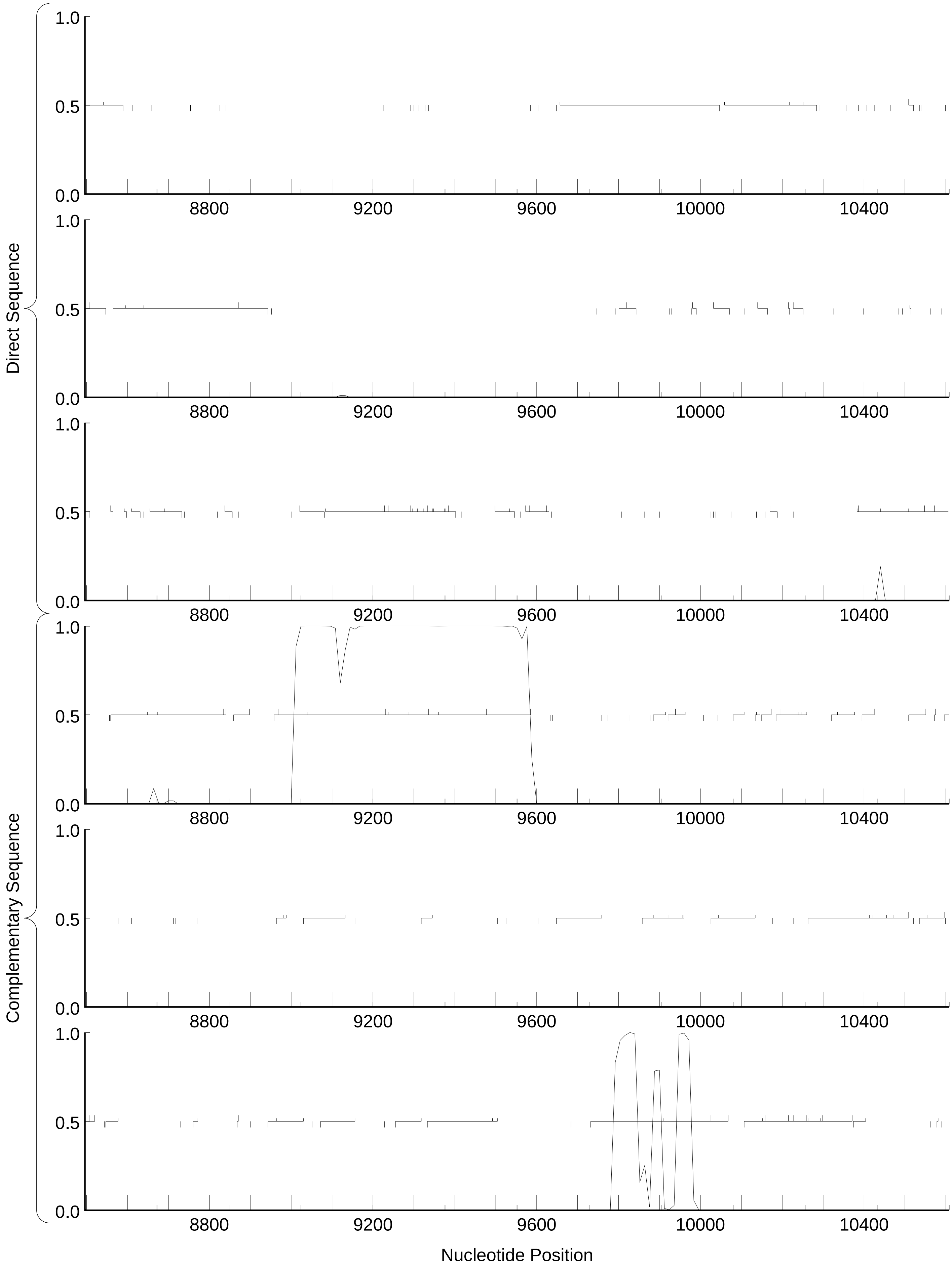

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Complementary Sequence
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0.0
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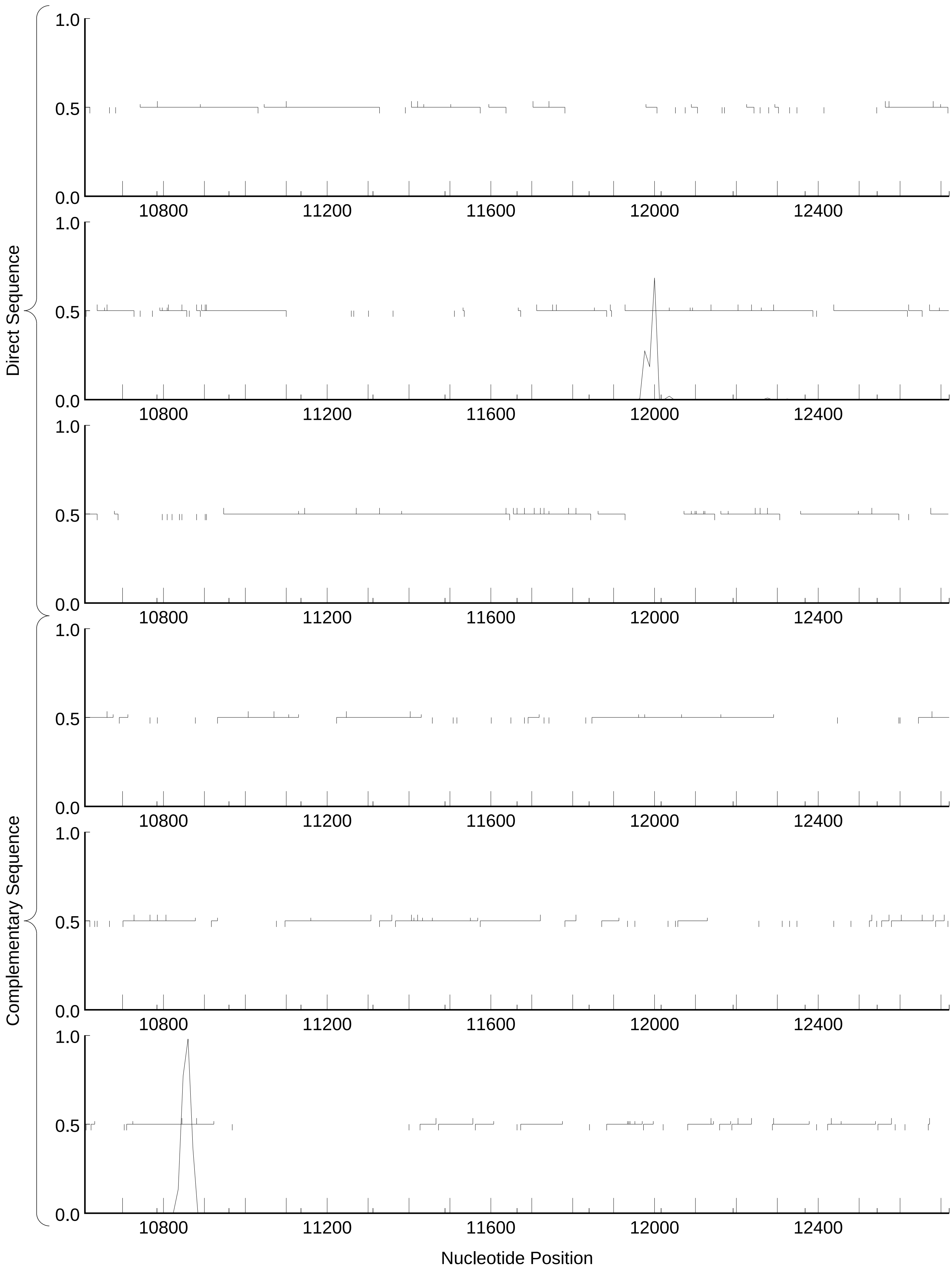
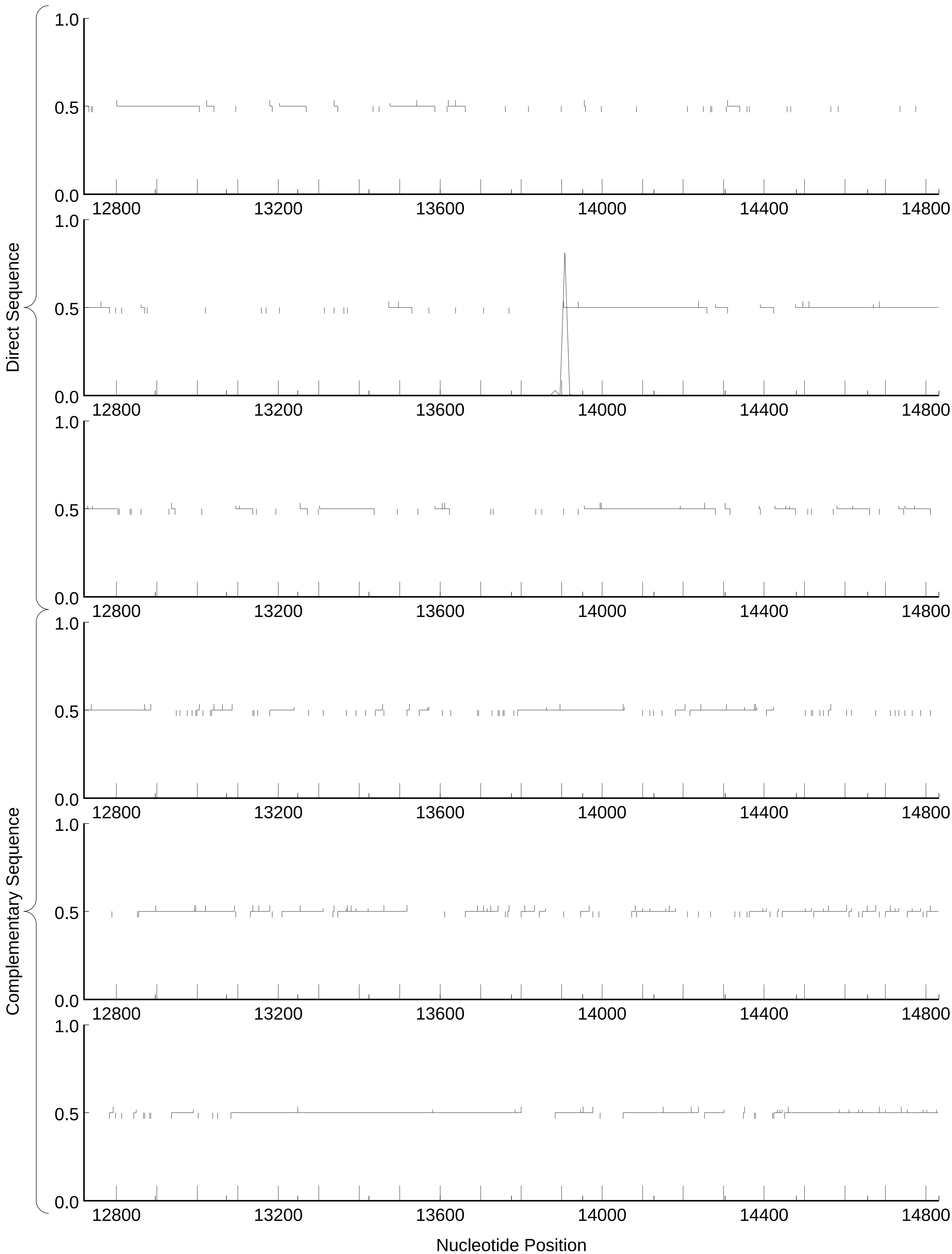
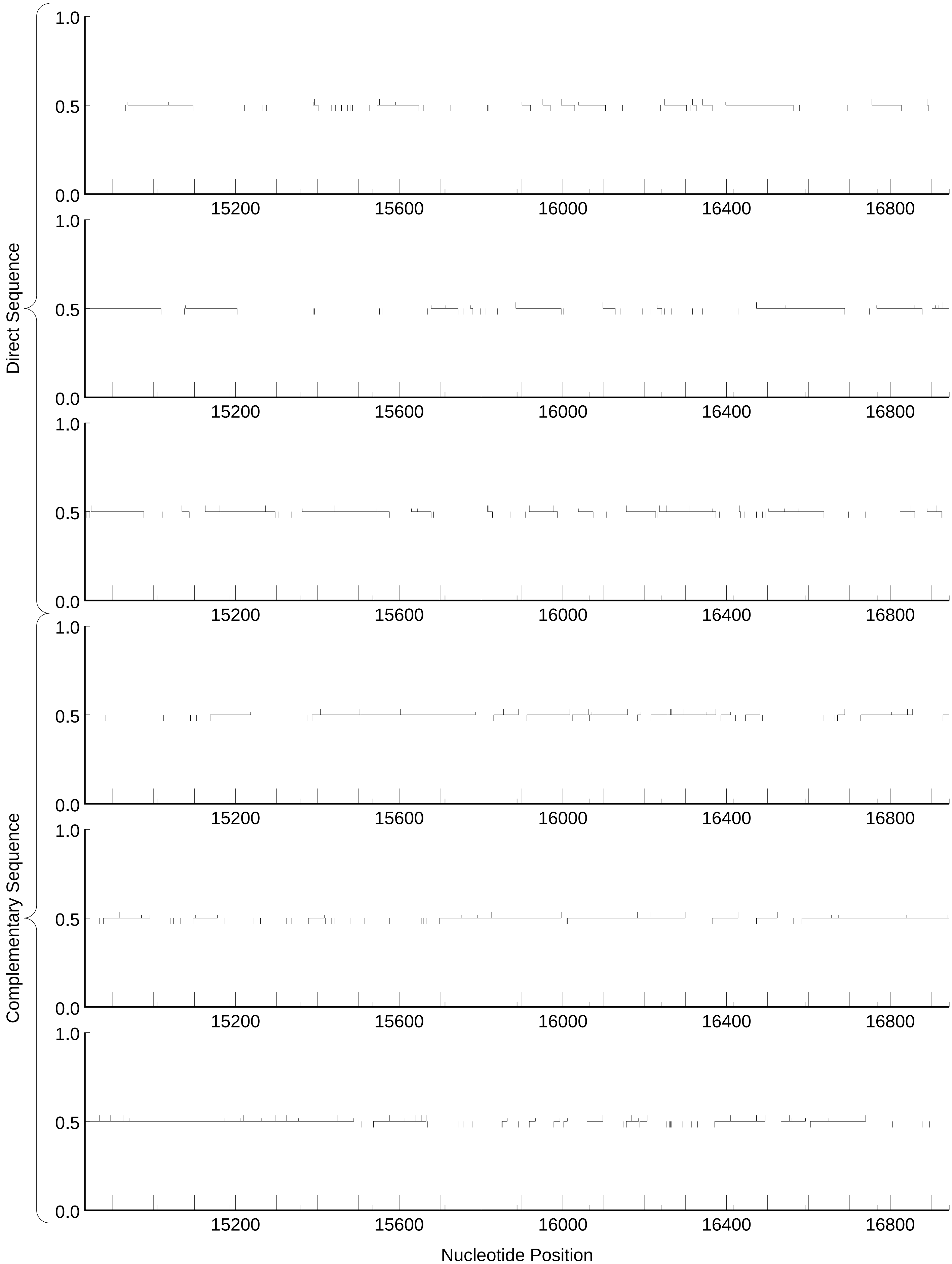
9600
10000
10400
Nucleotide Position

ge Bordeaux complete sequence, 131317 bp including 12579 bp terminal repeat, Cluster BE2, Order 4, Window 96, Step 12, 7/64



ge Bordeaux complete sequence, 131317 bp including 12579 bp terminal repeat, Cluster BE2, Order 4, Window 96, Step 12, 8/64

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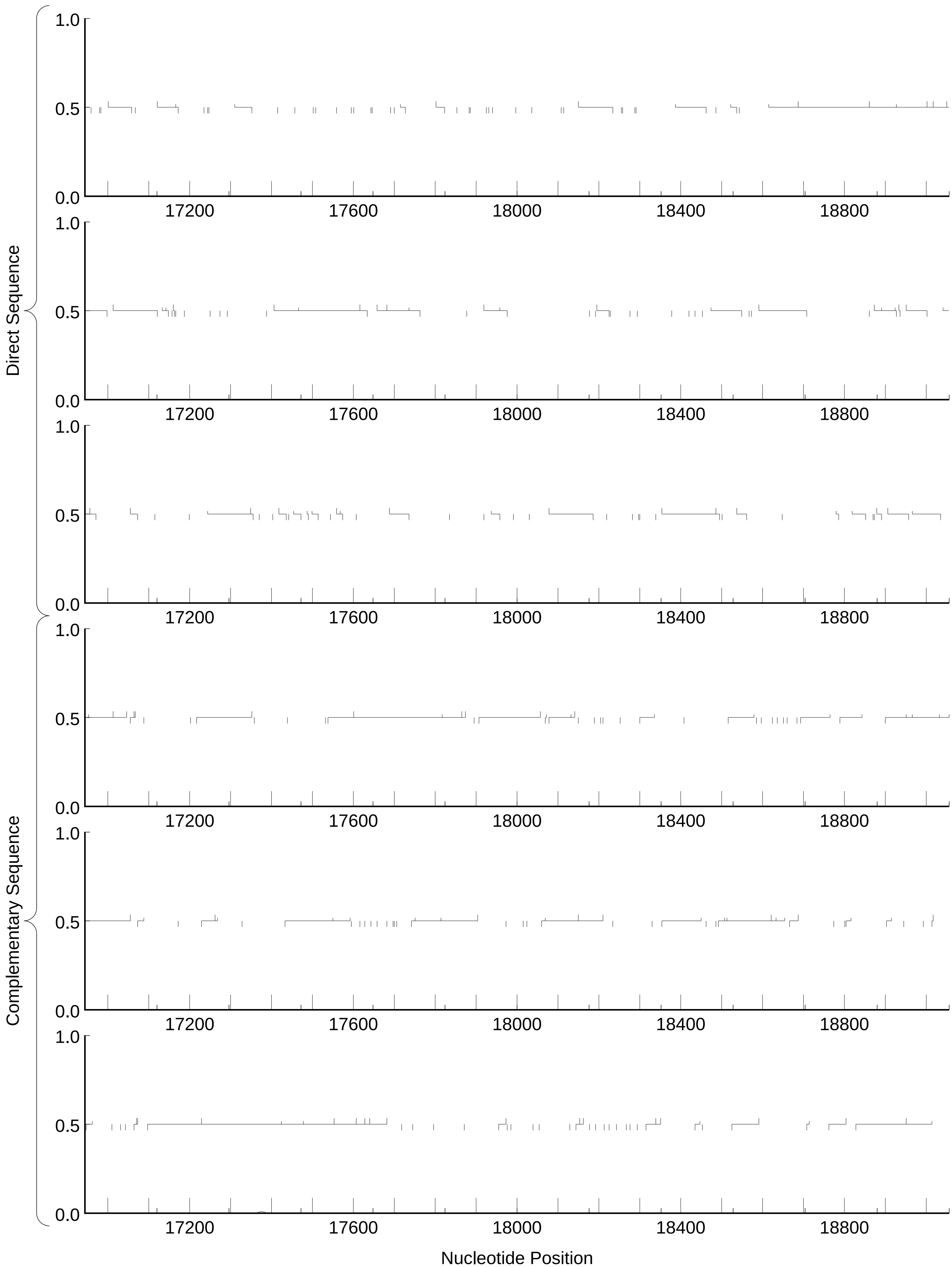
Nucleotide Position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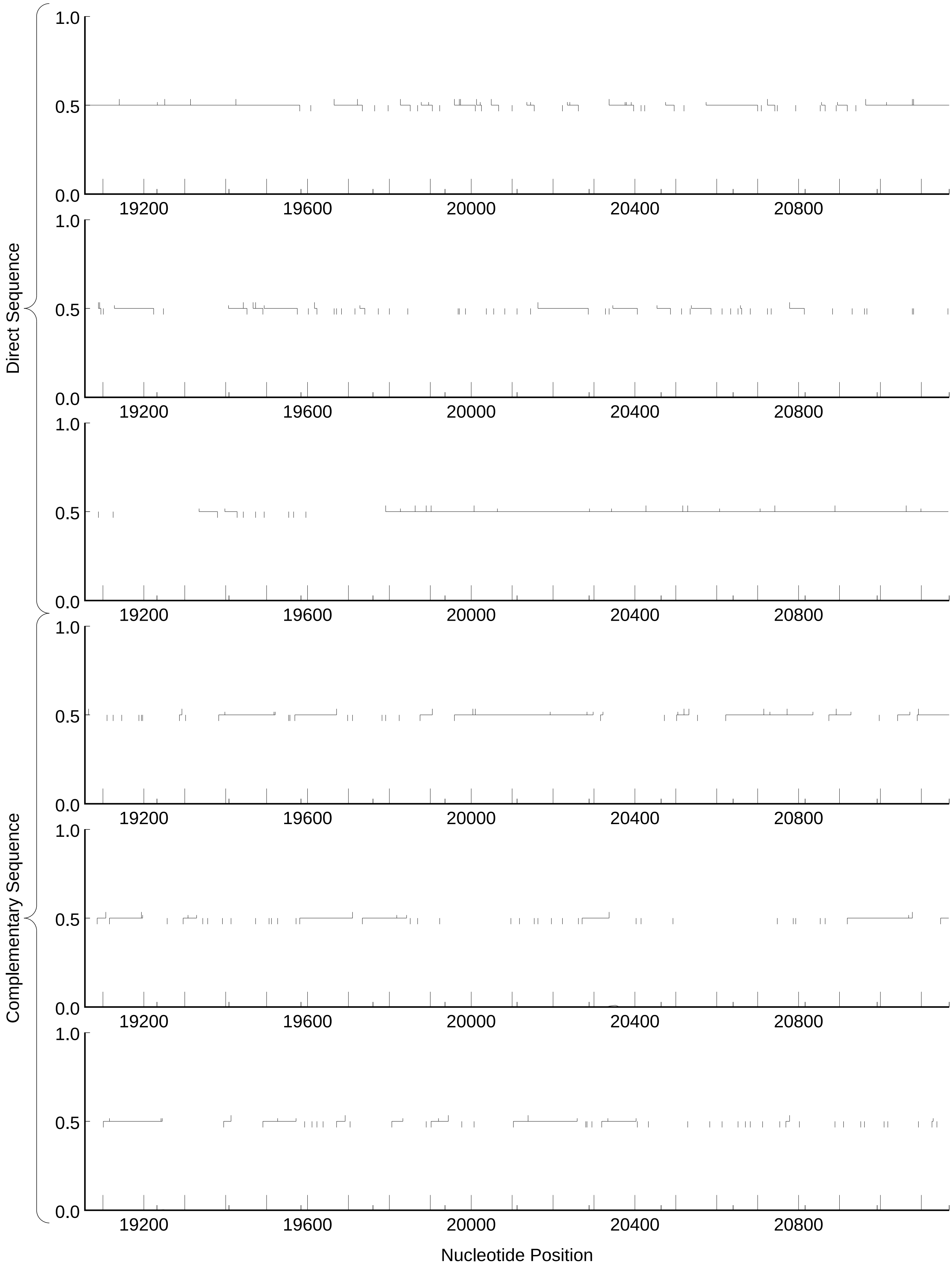
Complementary Sequence
Nucleotide Position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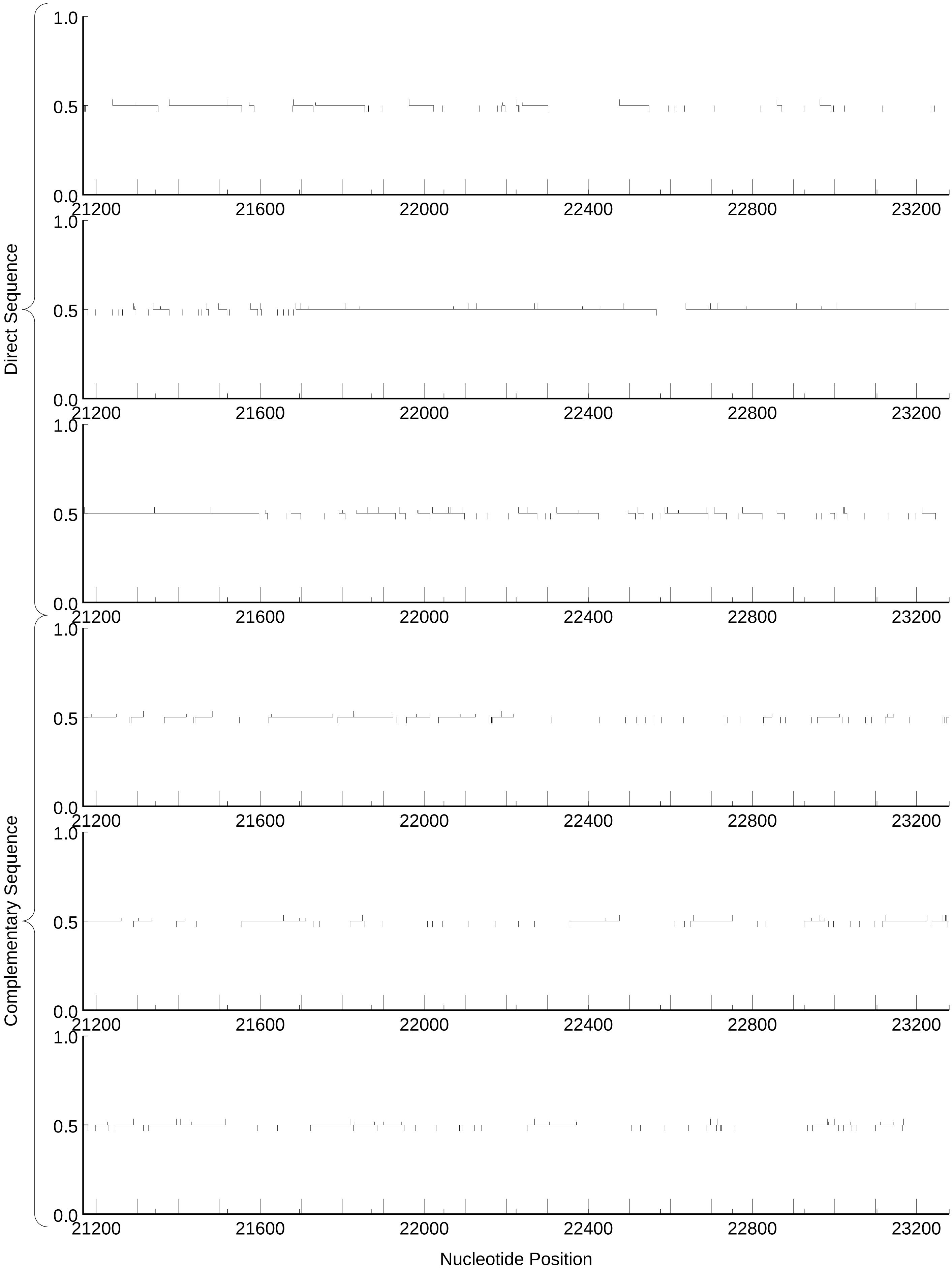
Nucleotide Position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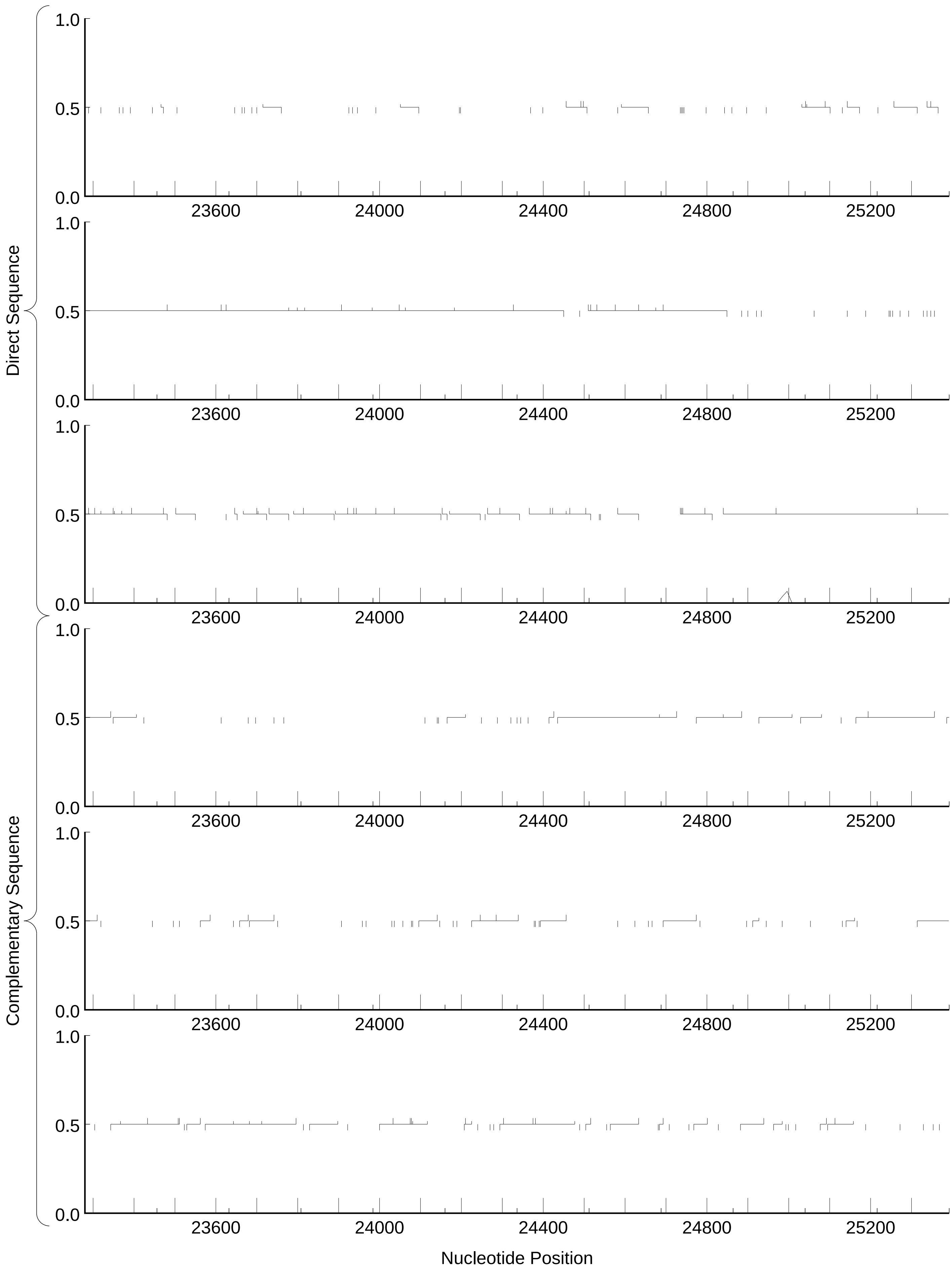
Nucleotide Position



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Complementary Sequence
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24400
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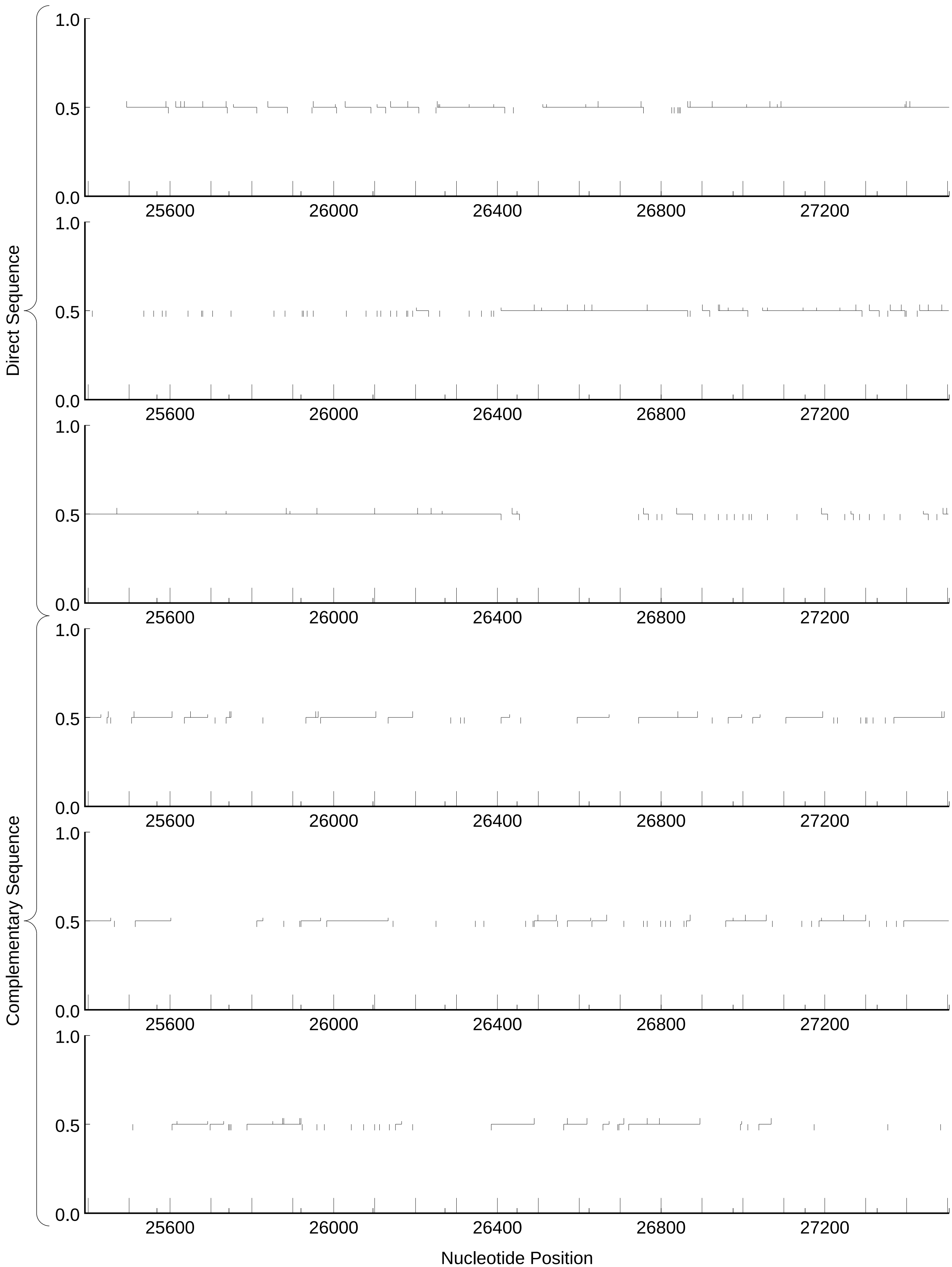
Nucleotide Position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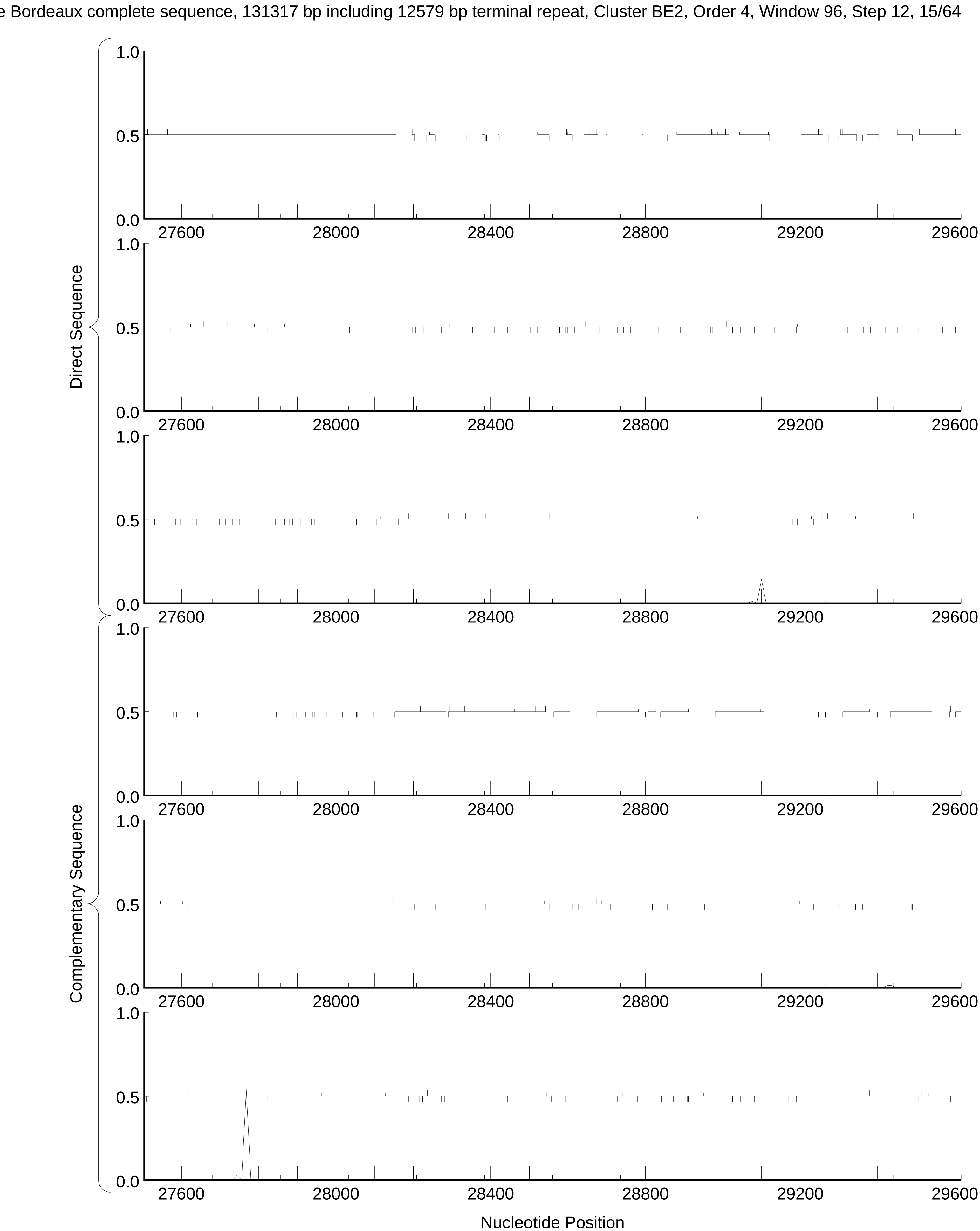
Nucleotide Position


e Bordeaux complete sequence, 131317 bp including 12579 bp terminal repeat, Cluster BE2, Order 4, Window 96, Step 12, 15/64
Direct Sequence
Complementary Sequence
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0.0
27600
28000
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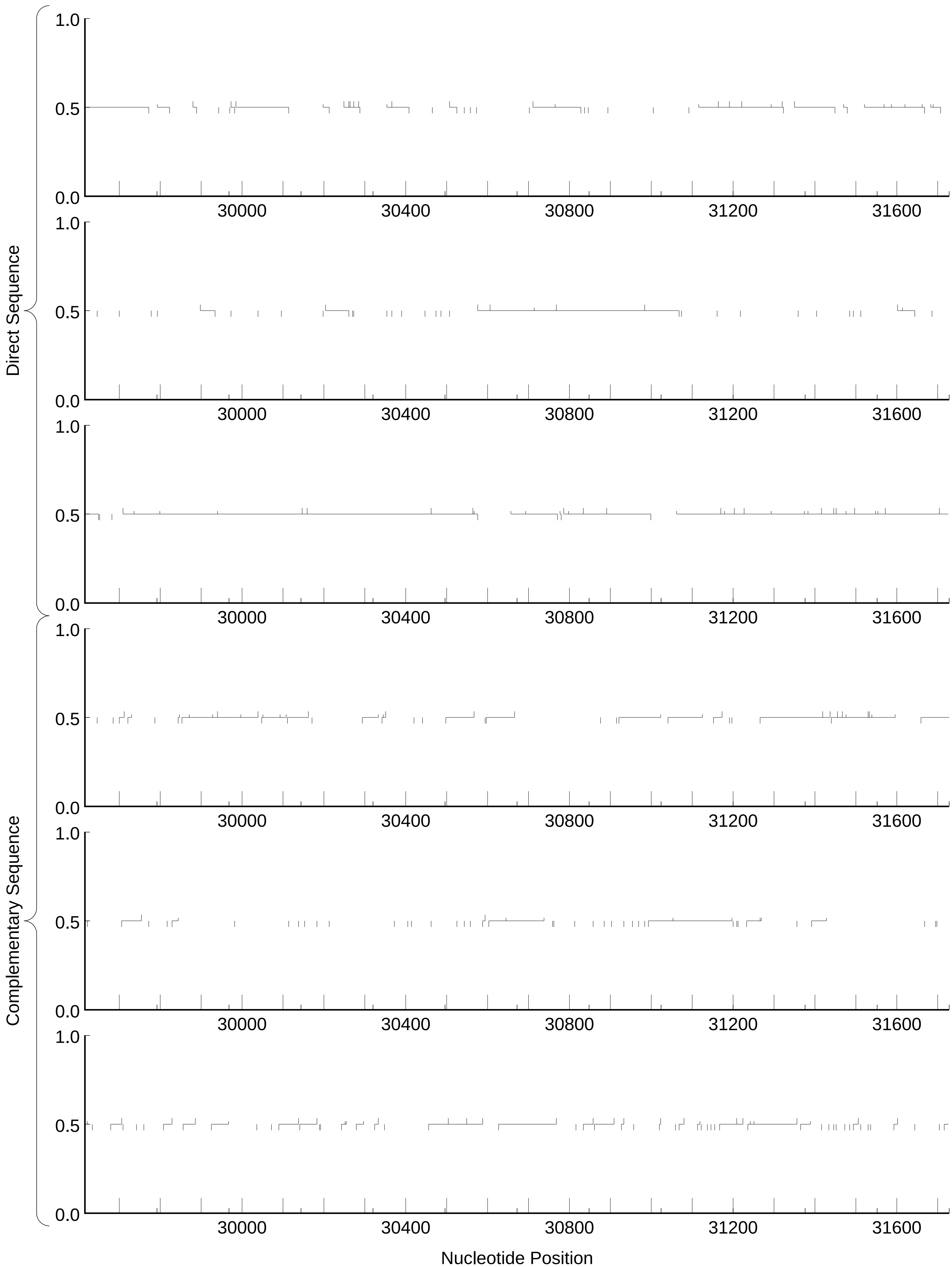
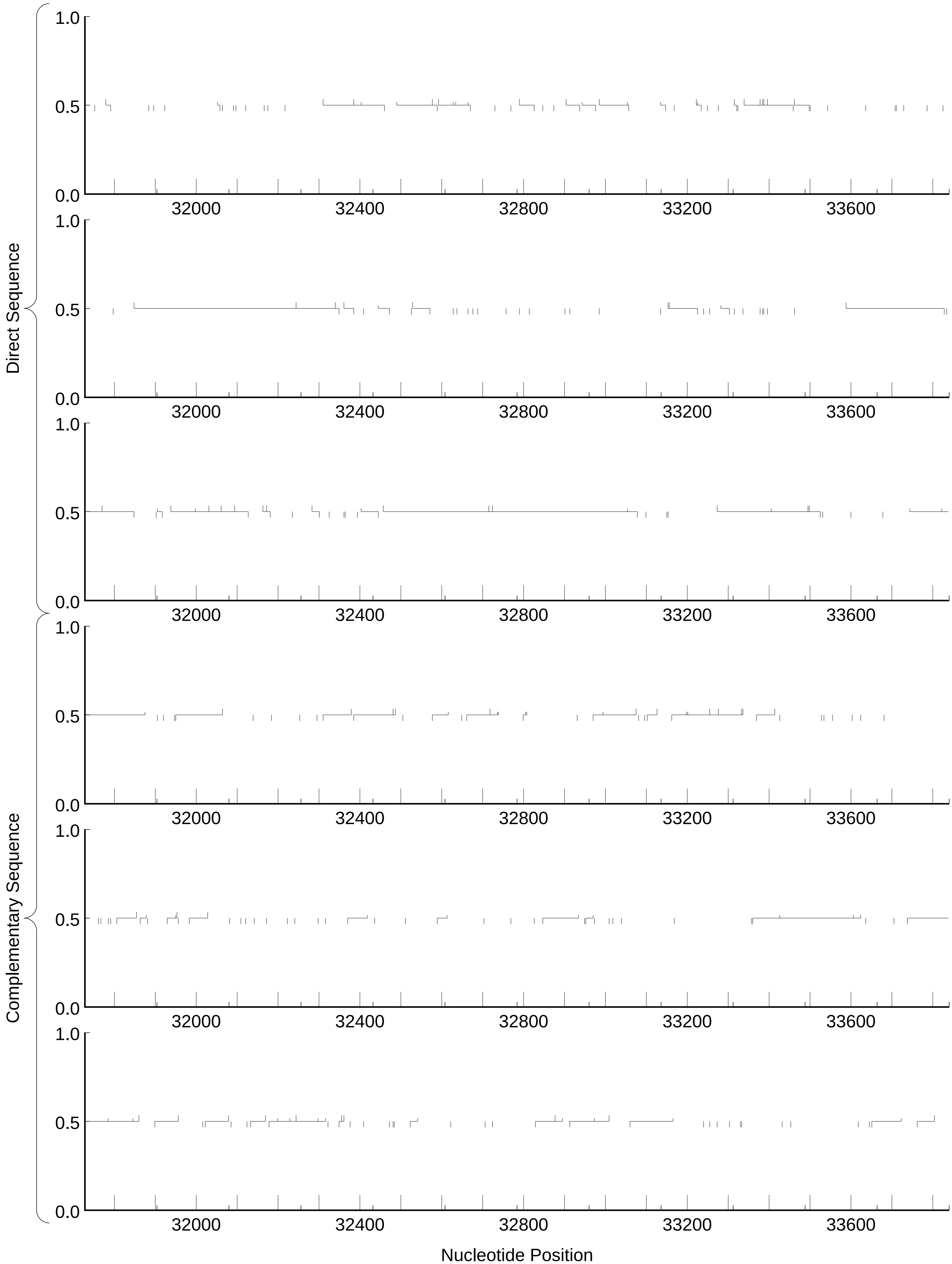
28800
29200
29600
Nucleotide Position

e Bordeaux complete sequence, 131317 bp including 12579 bp terminal repeat, Cluster BE2, Order 4, Window 96, Step 12, 16/64

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Complementary Sequence
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0.5
0.0
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33200
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Nucleotide Position

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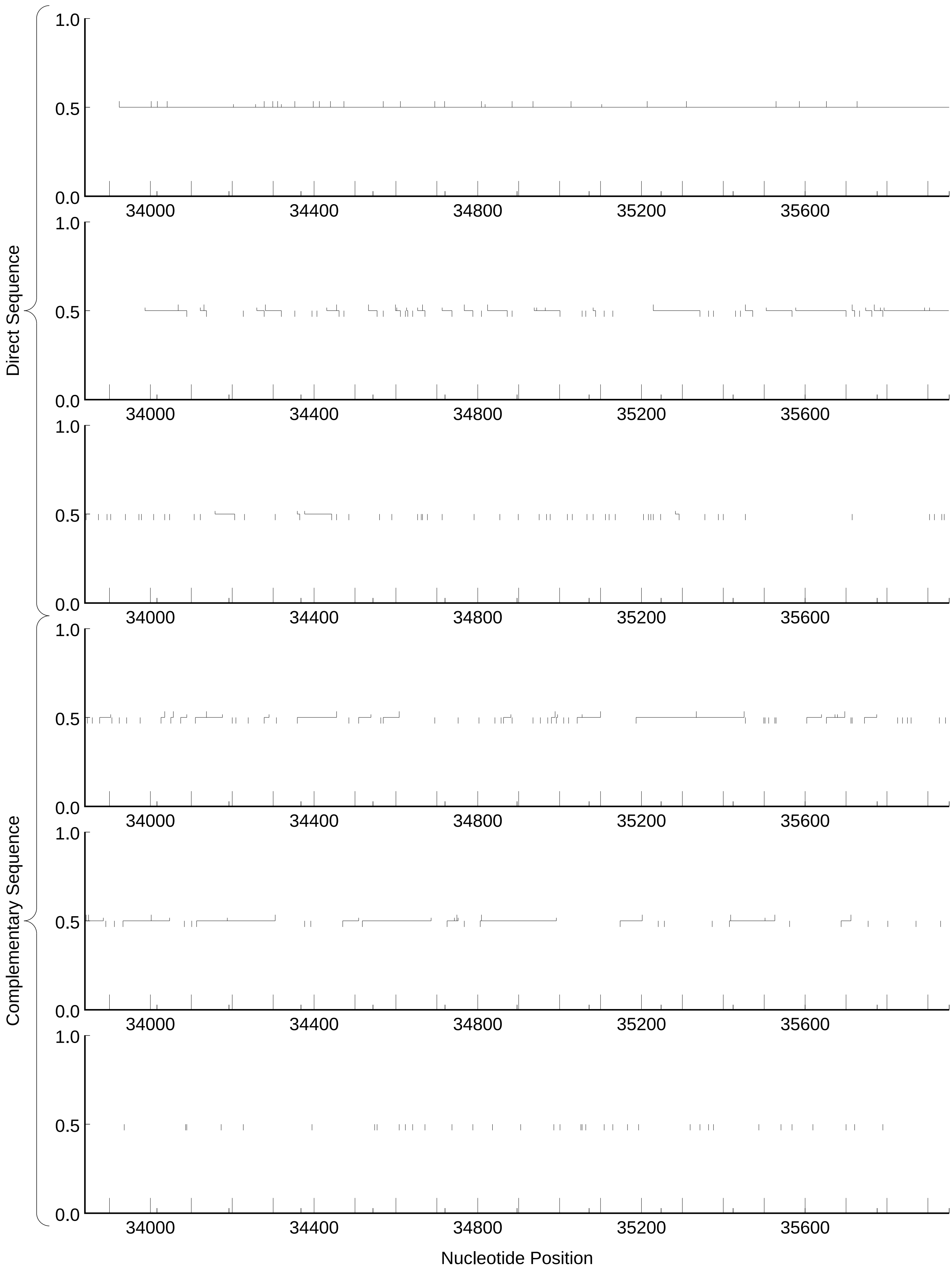

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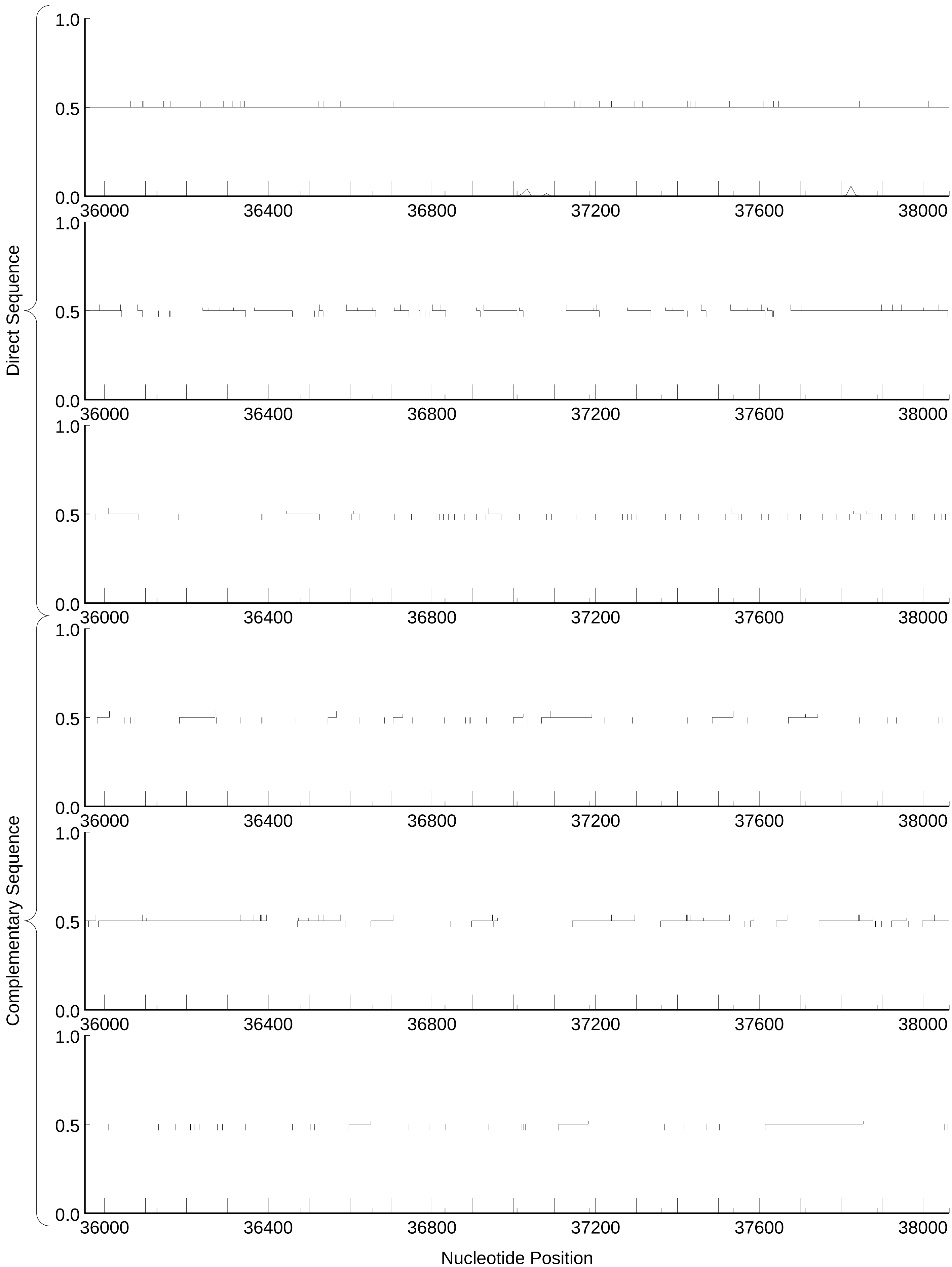

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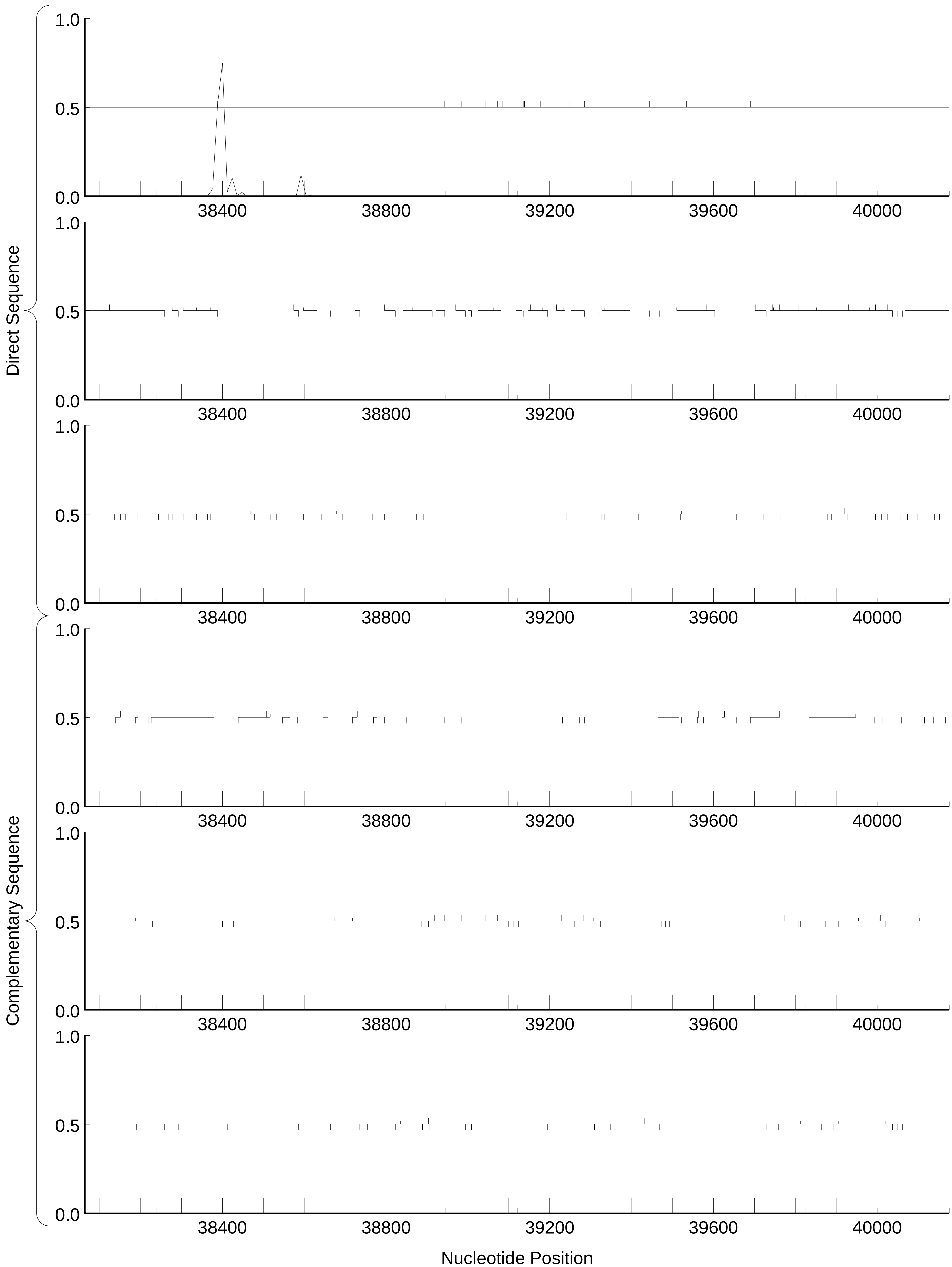

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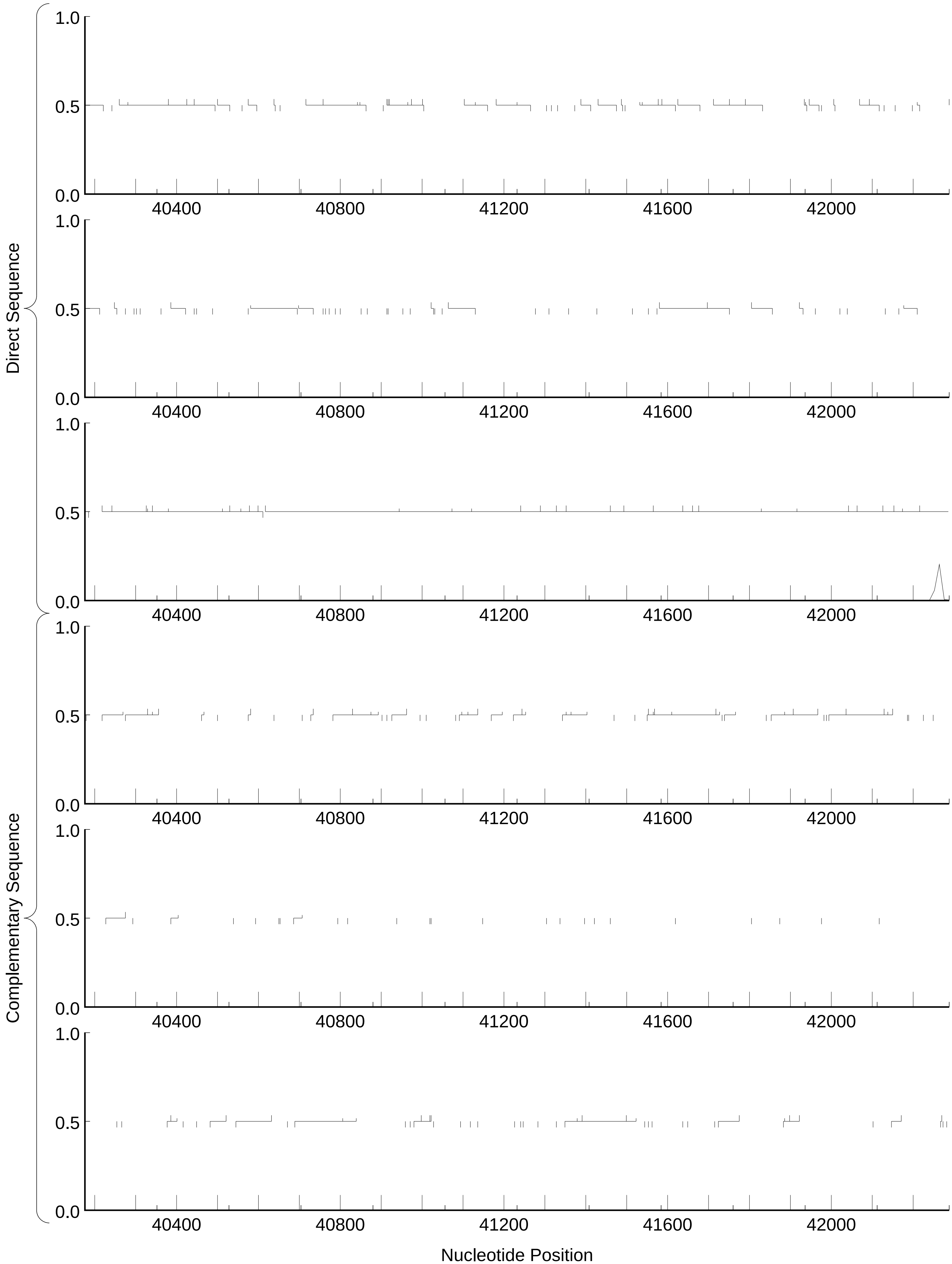

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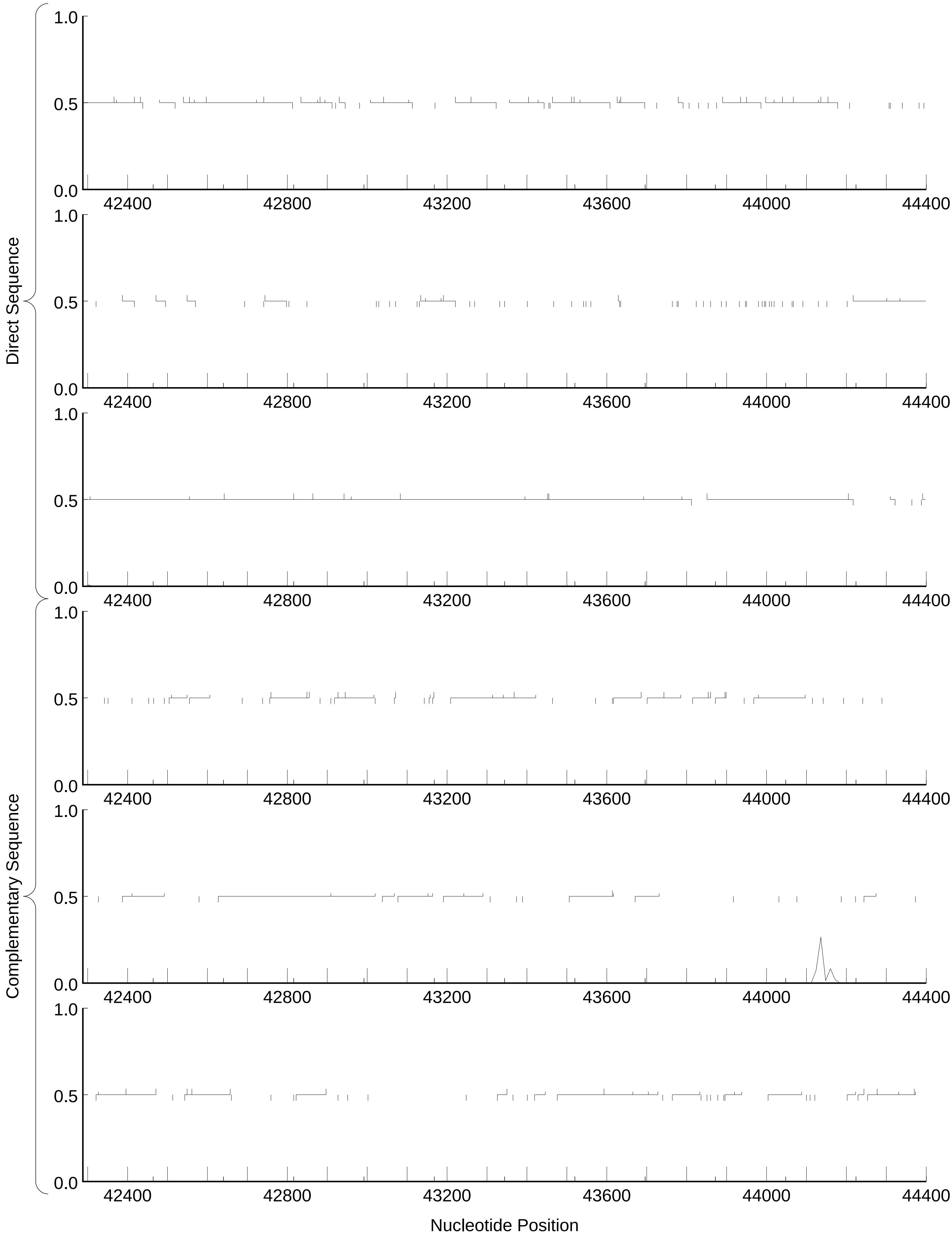

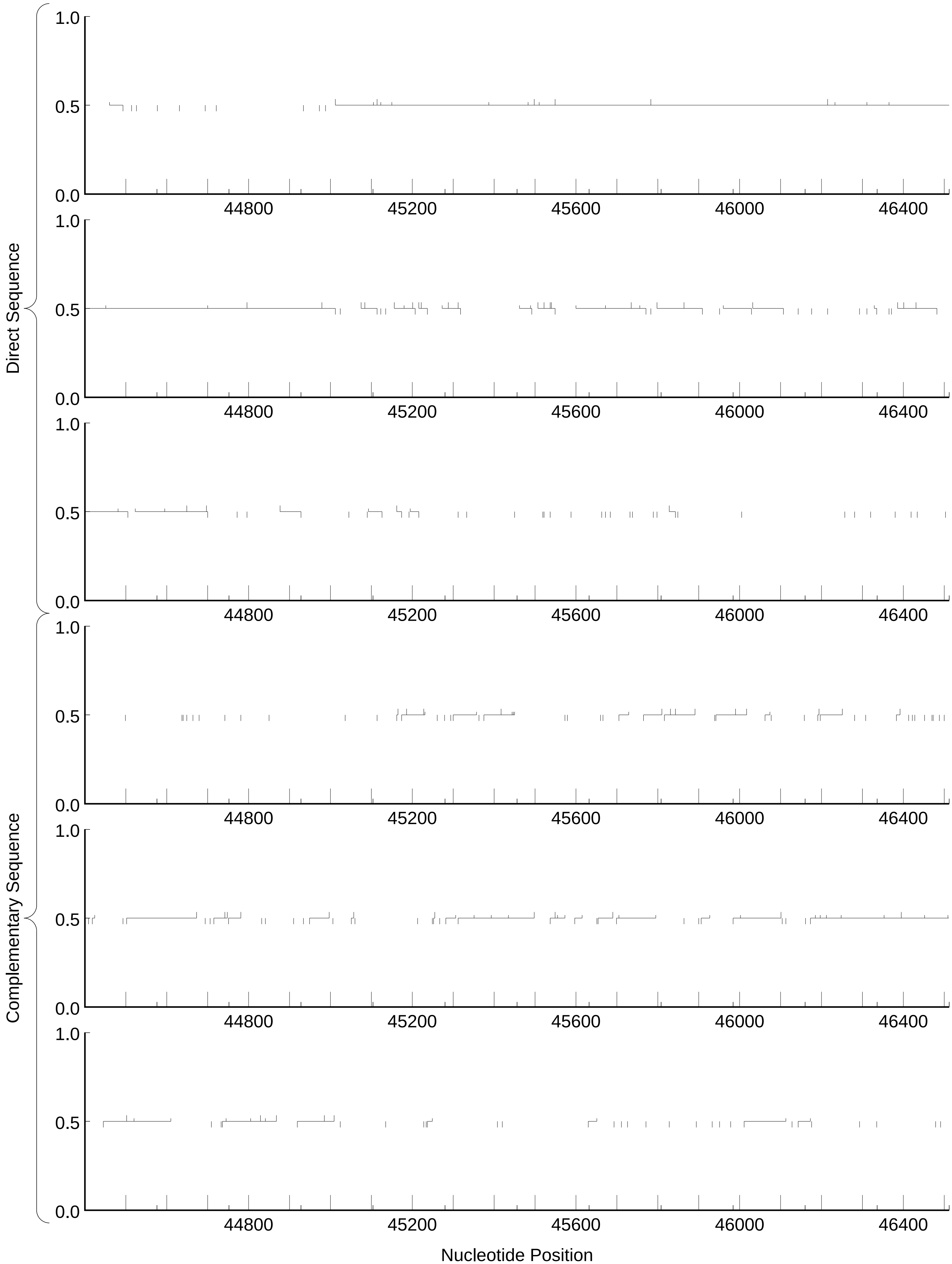

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Complementary Sequence
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0.0
44800
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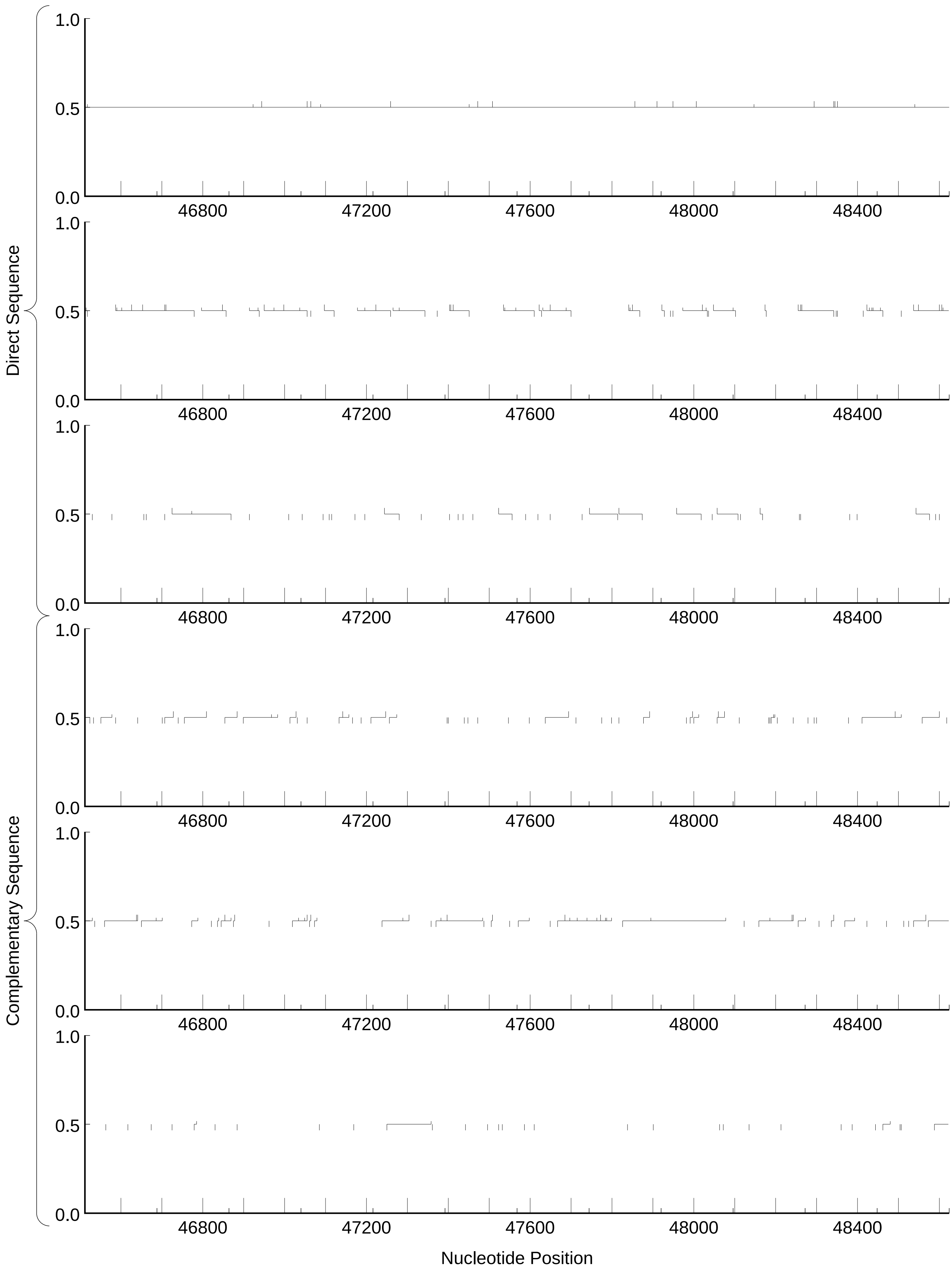
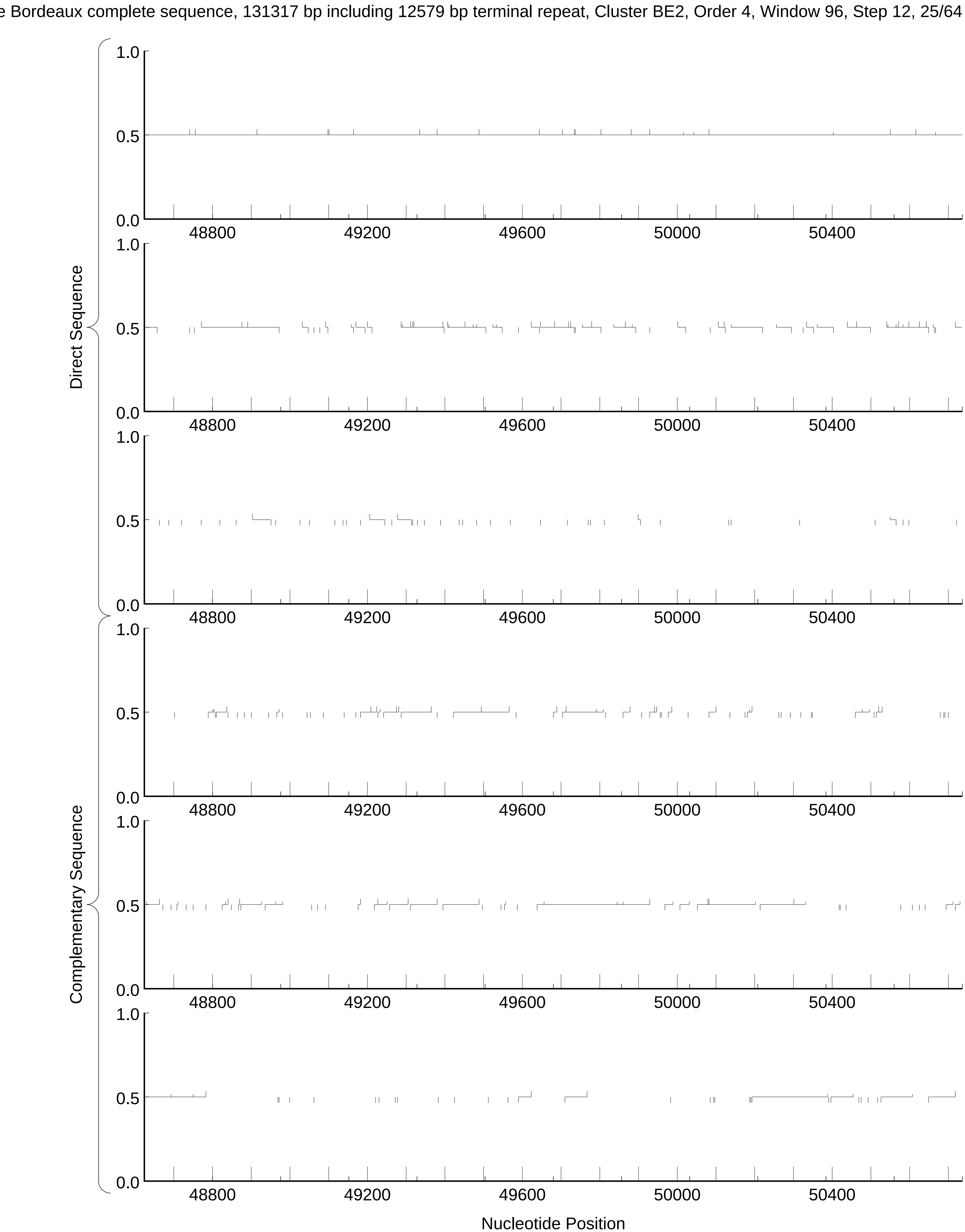
46000
46400
Nucleotide Position

e Bordeaux complete sequence, 131317 bp including 12579 bp terminal repeat, Cluster BE2, Order 4, Window 96, Step 12, 24/64





e Bordeaux complete sequence, 131317 bp including 12579 bp terminal repeat, Cluster BE2, Order 4, Window 96, Step 12, 25/64
Direct Sequence
Complementary Sequence
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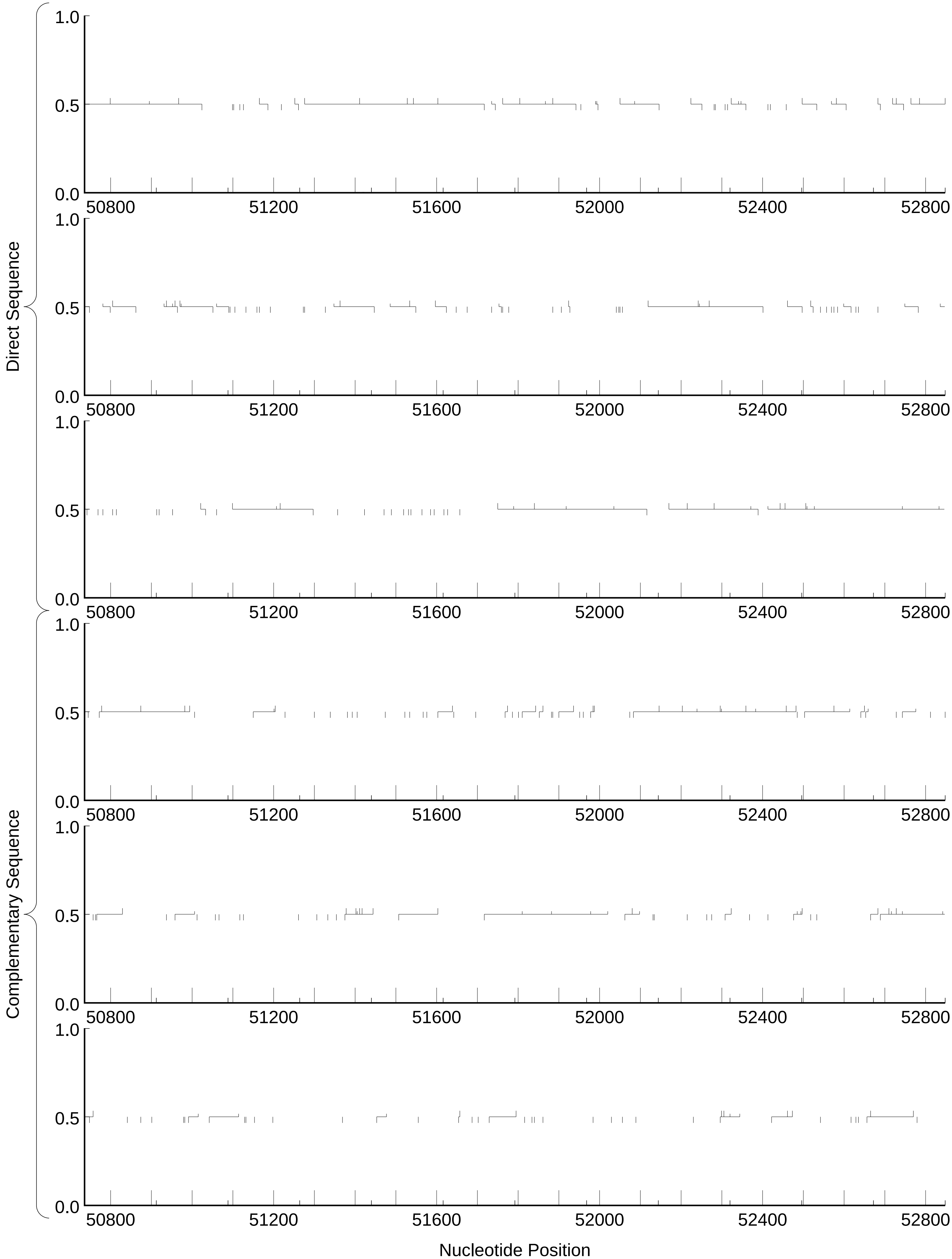
0.0
48800
49200
49600
50000
50400
Nucleotide Position

e Bordeaux complete sequence, 131317 bp including 12579 bp terminal repeat, Cluster BE2, Order 4, Window 96, Step 12, 26/64



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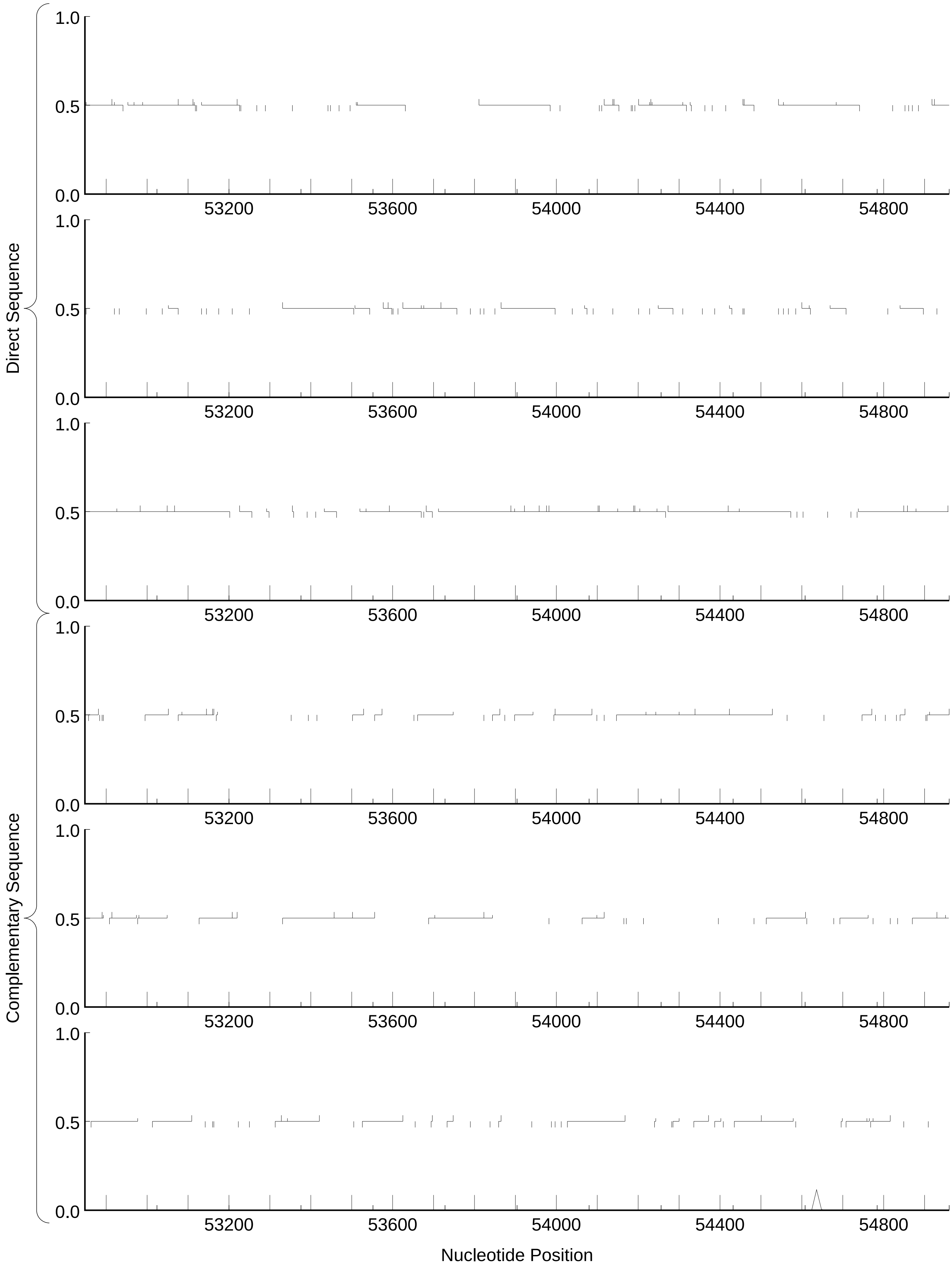

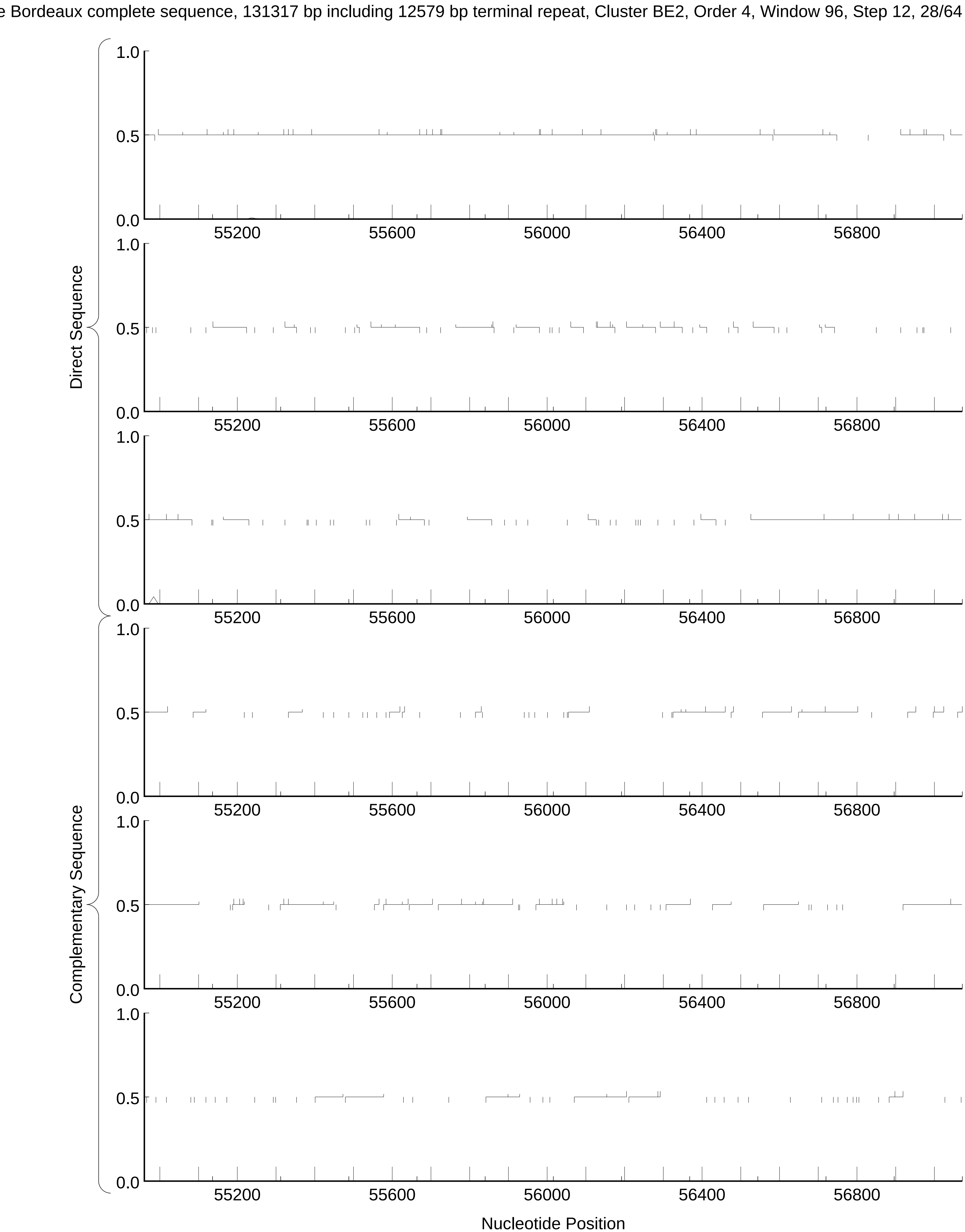
e Bordeaux complete sequence, 131317 bp including 12579 bp terminal repeat, Cluster BE2, Order 4, Window 96, Step 12, 28/64
Direct Sequence
Complementary Sequence
1.0
0.5
0.0
55200
55600
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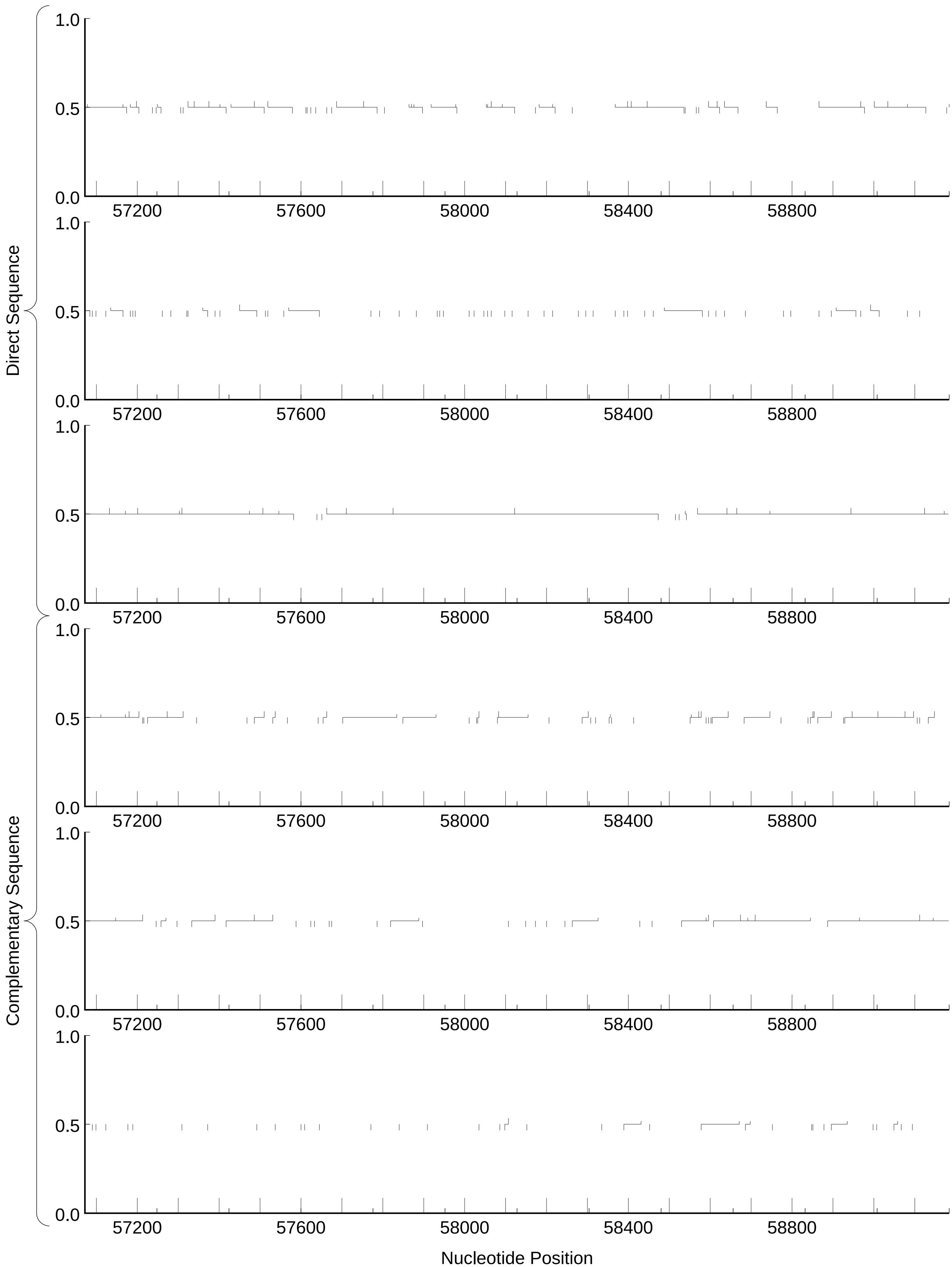
56400
56800
Nucleotide Position

e Bordeaux complete sequence, 131317 bp including 12579 bp terminal repeat, Cluster BE2, Order 4, Window 96, Step 12, 29/64



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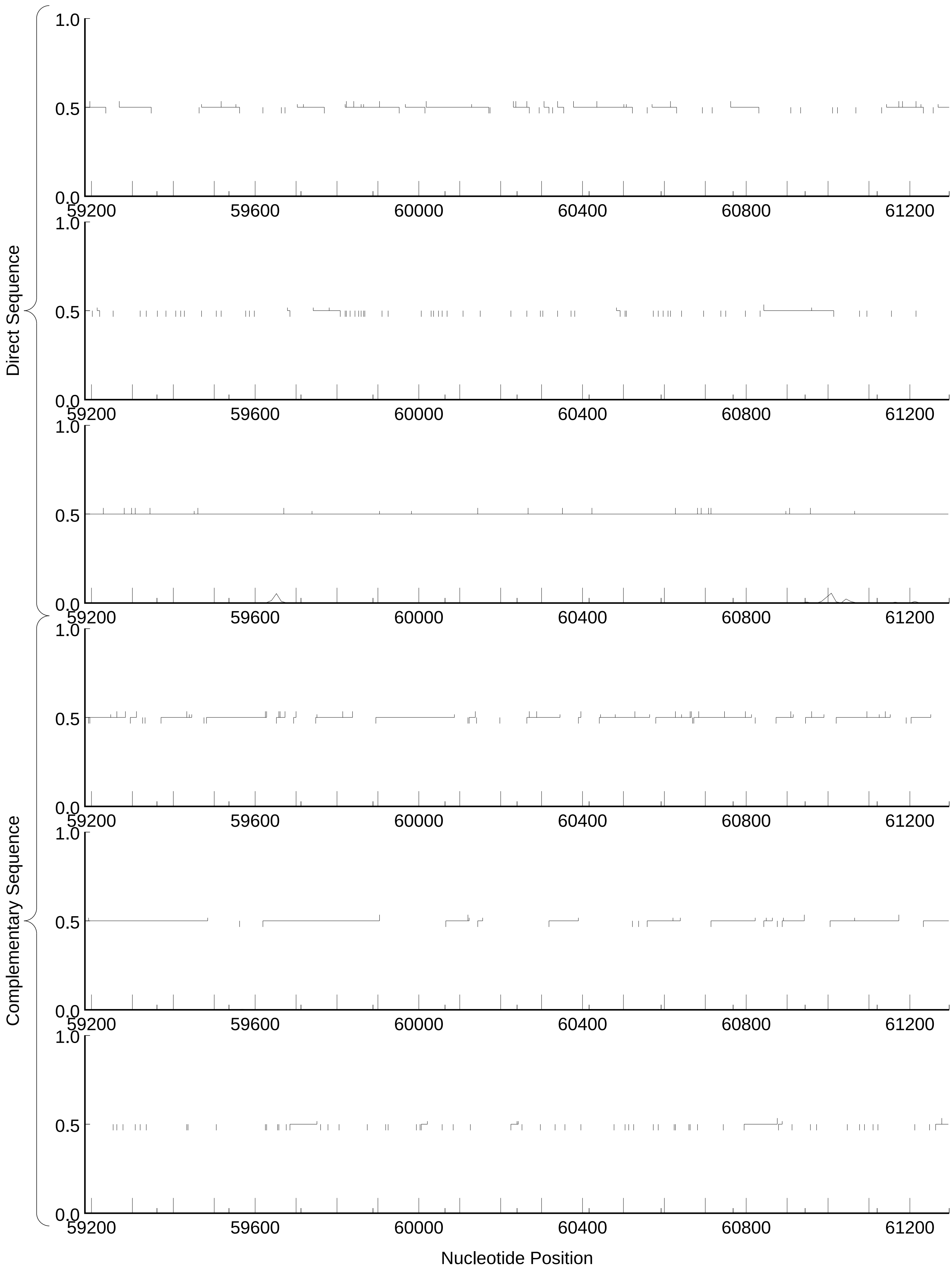

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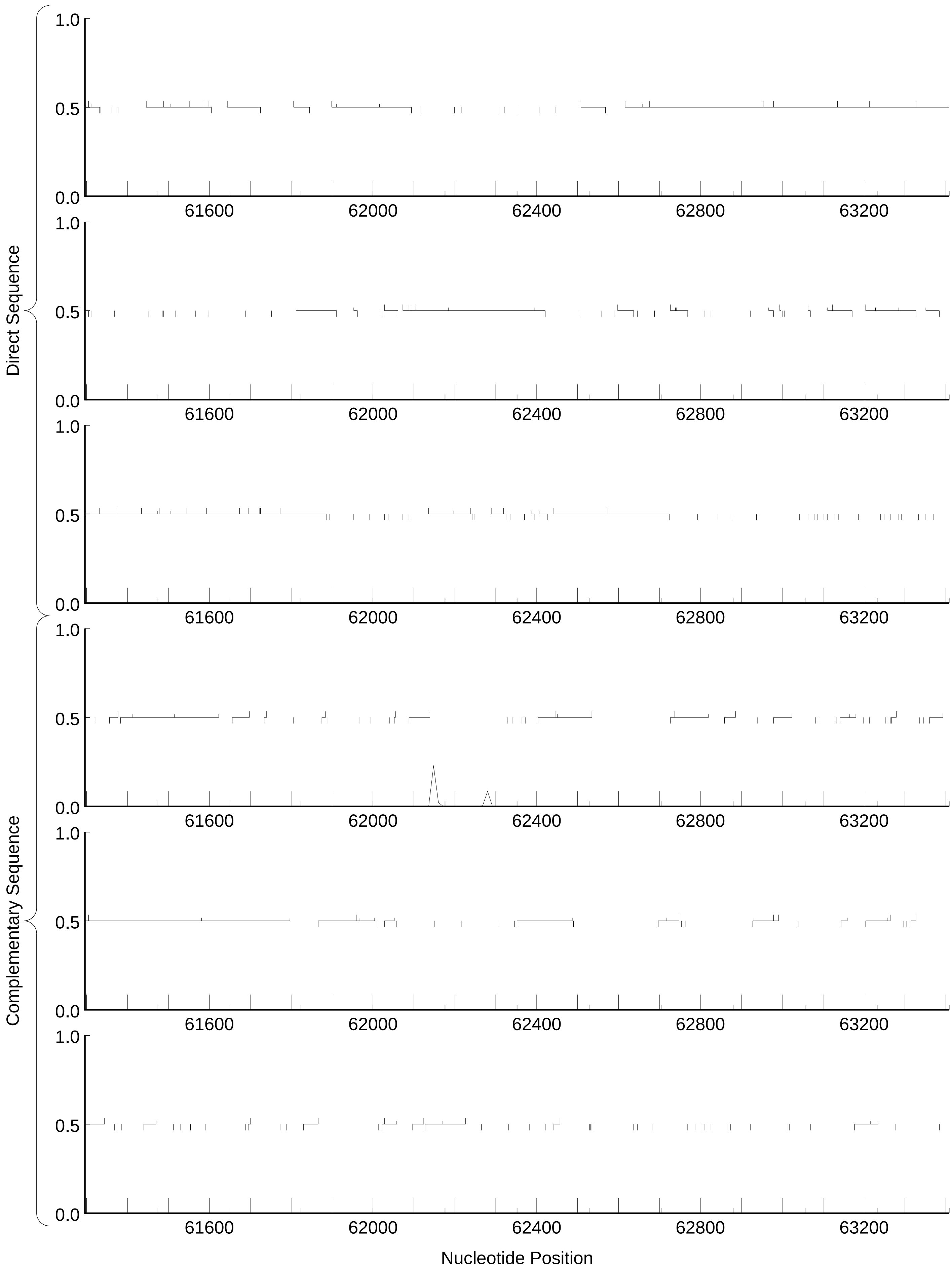

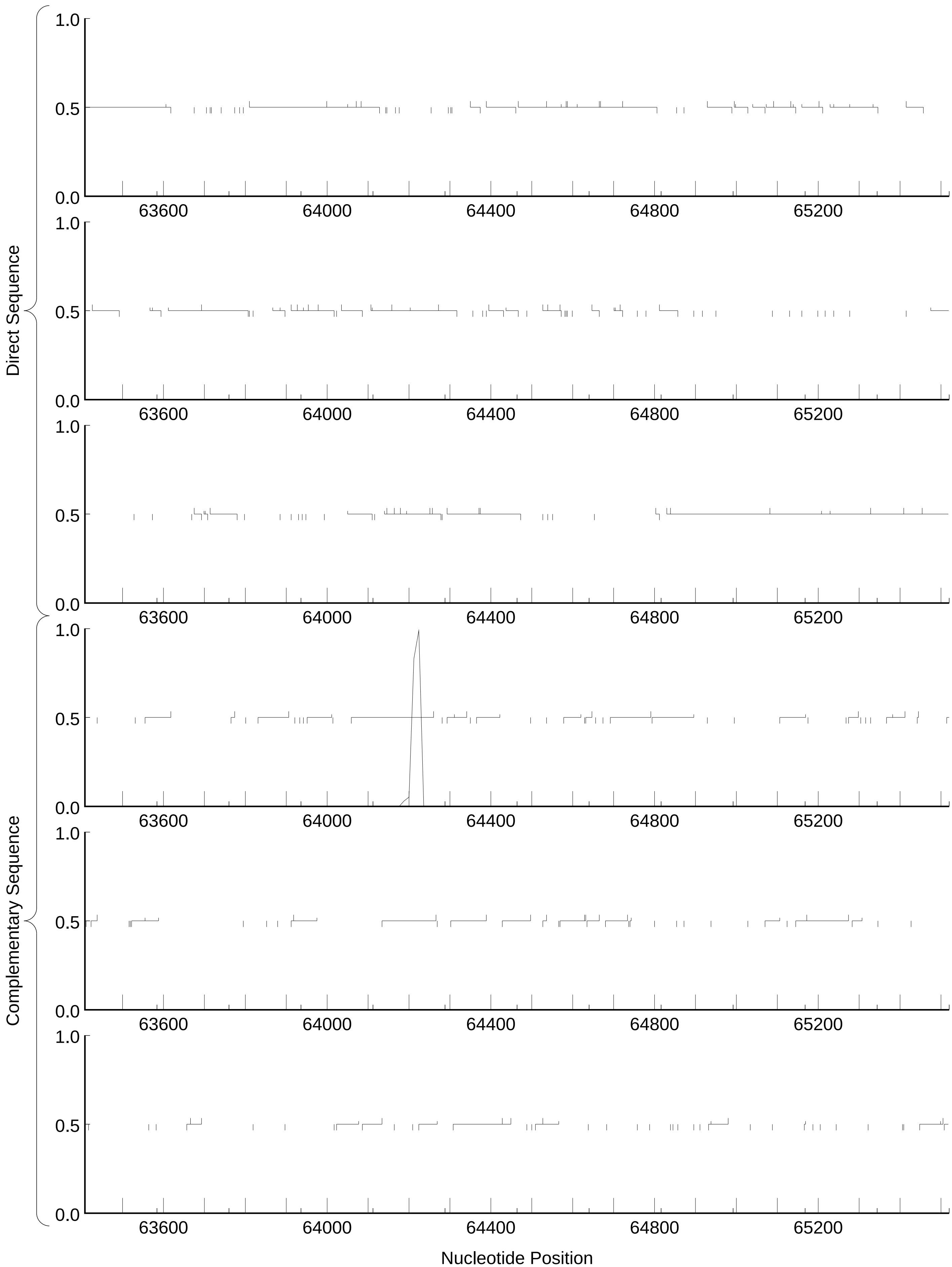

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Complementary Sequence
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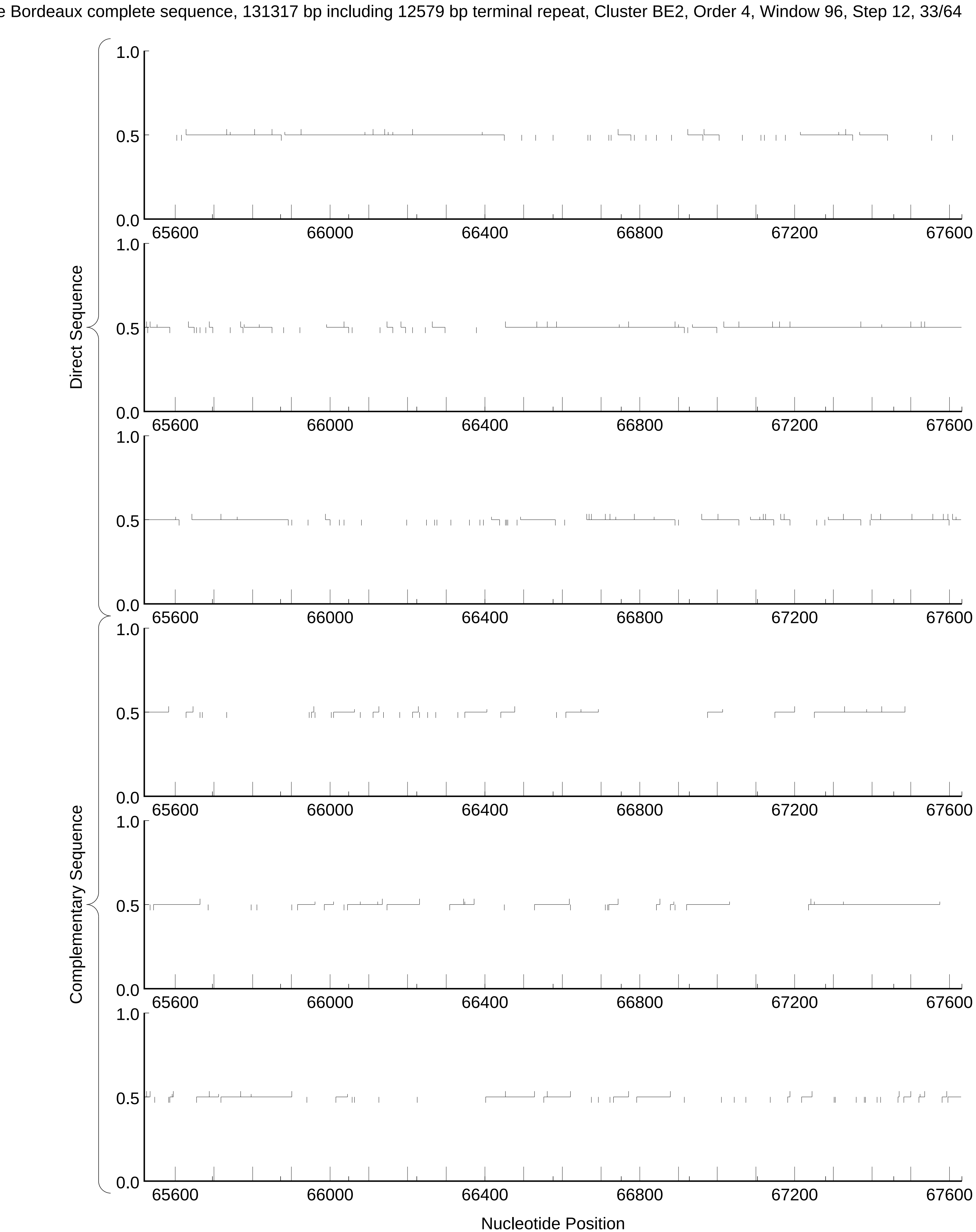
Nucleotide Position


e Bordeaux complete sequence, 131317 bp including 12579 bp terminal repeat, Cluster BE2, Order 4, Window 96, Step 12, 33/64
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Complementary Sequence
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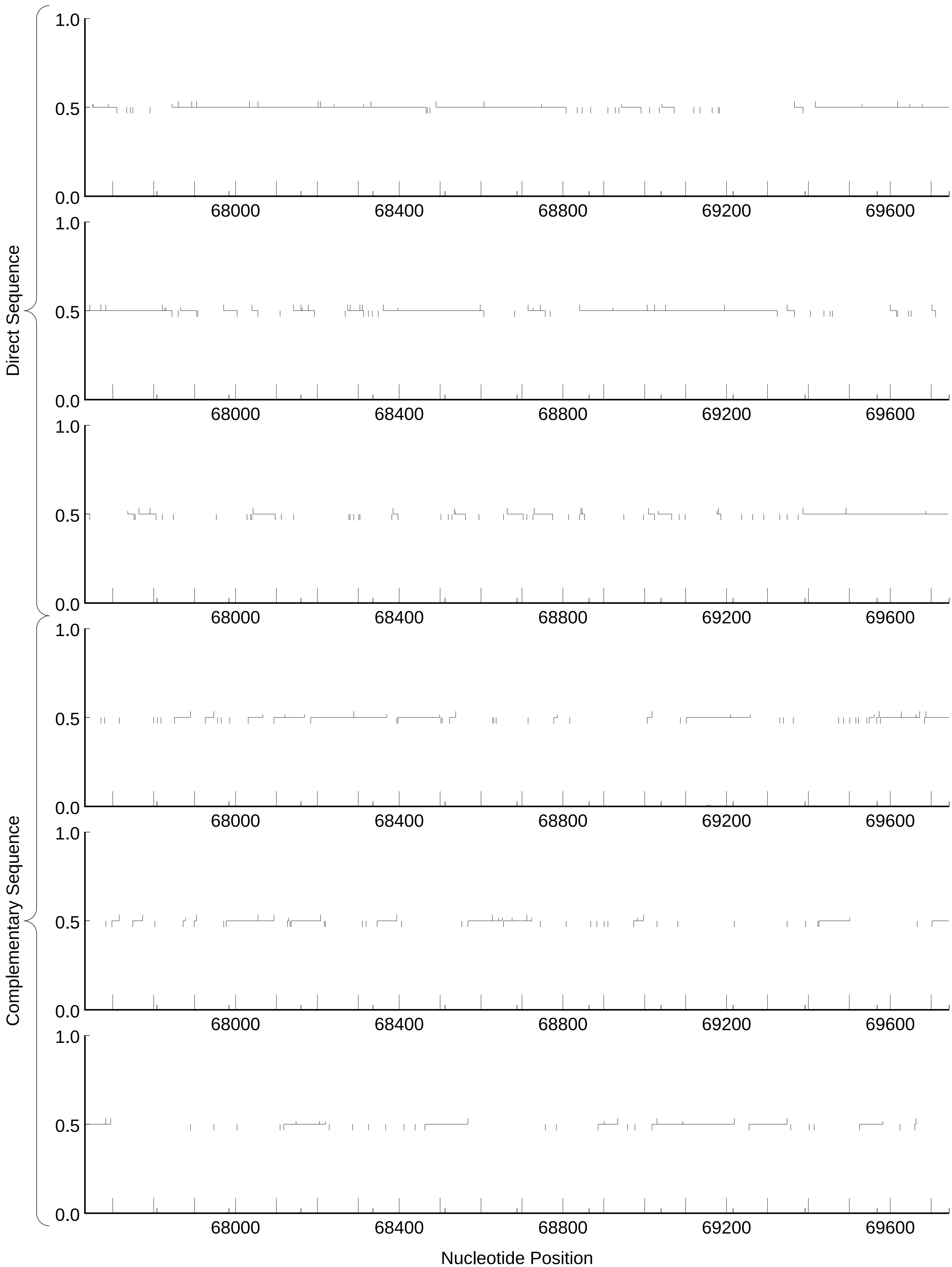
66000
66400
66800
67200
67600
Nucleotide Position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0.0
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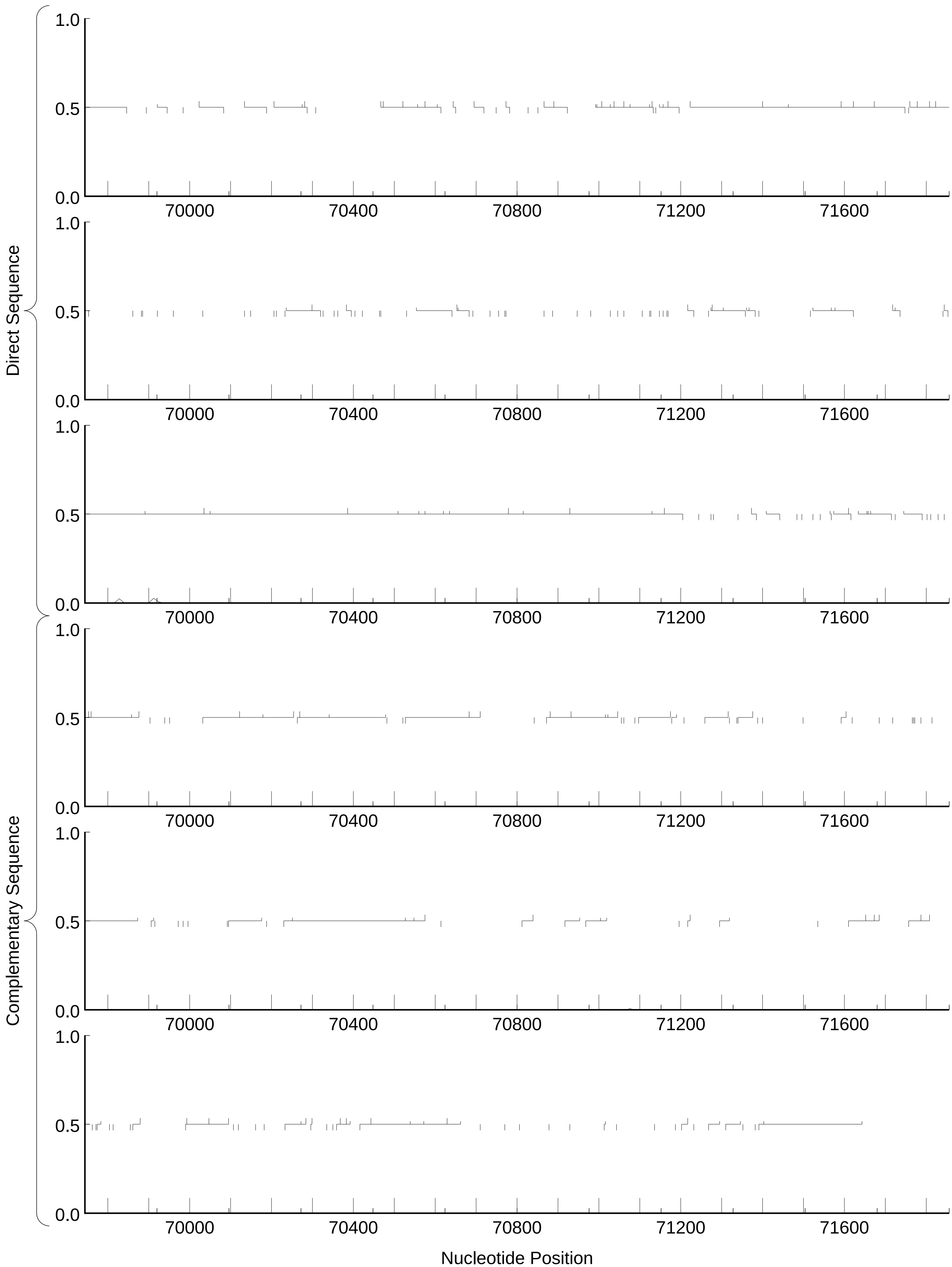
68800
69200
69600
Direct Sequence
Complementary Sequence
Nucleotide Position



Direct Sequence
Complementary Sequence
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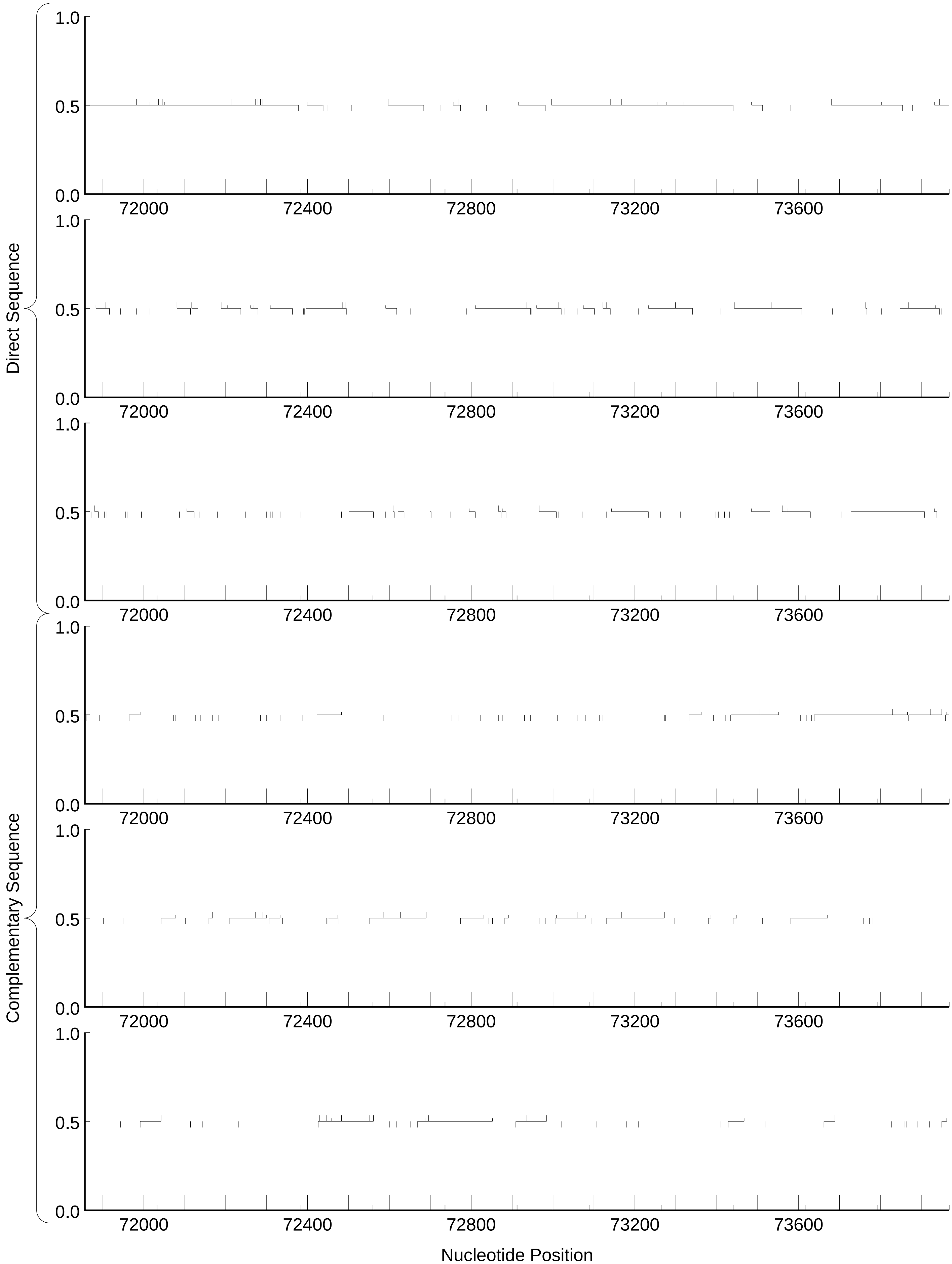
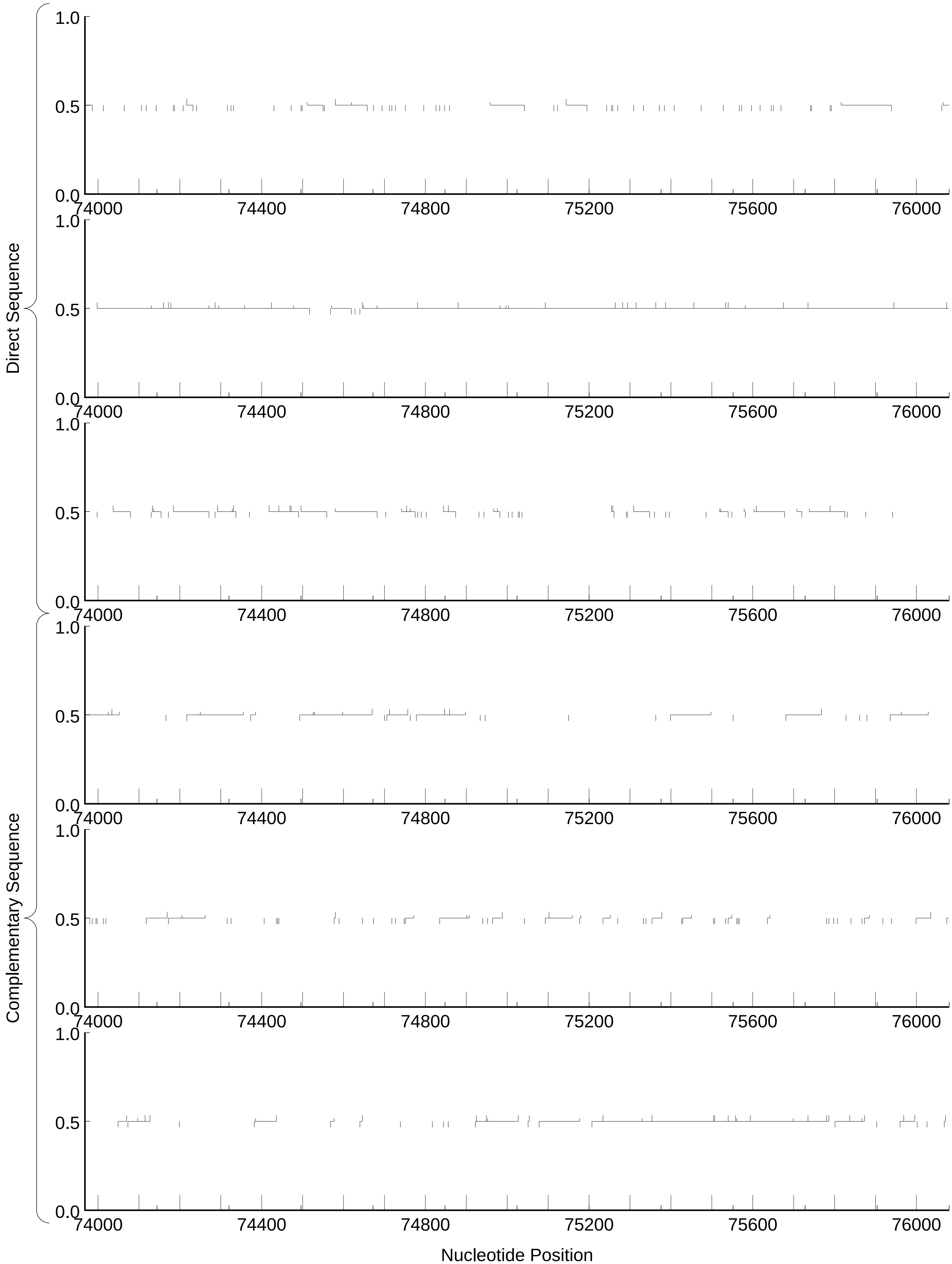
71200
71600
Nucleotide Position

e Bordeaux complete sequence, 131317 bp including 12579 bp terminal repeat, Cluster BE2, Order 4, Window 96, Step 12, 36/64

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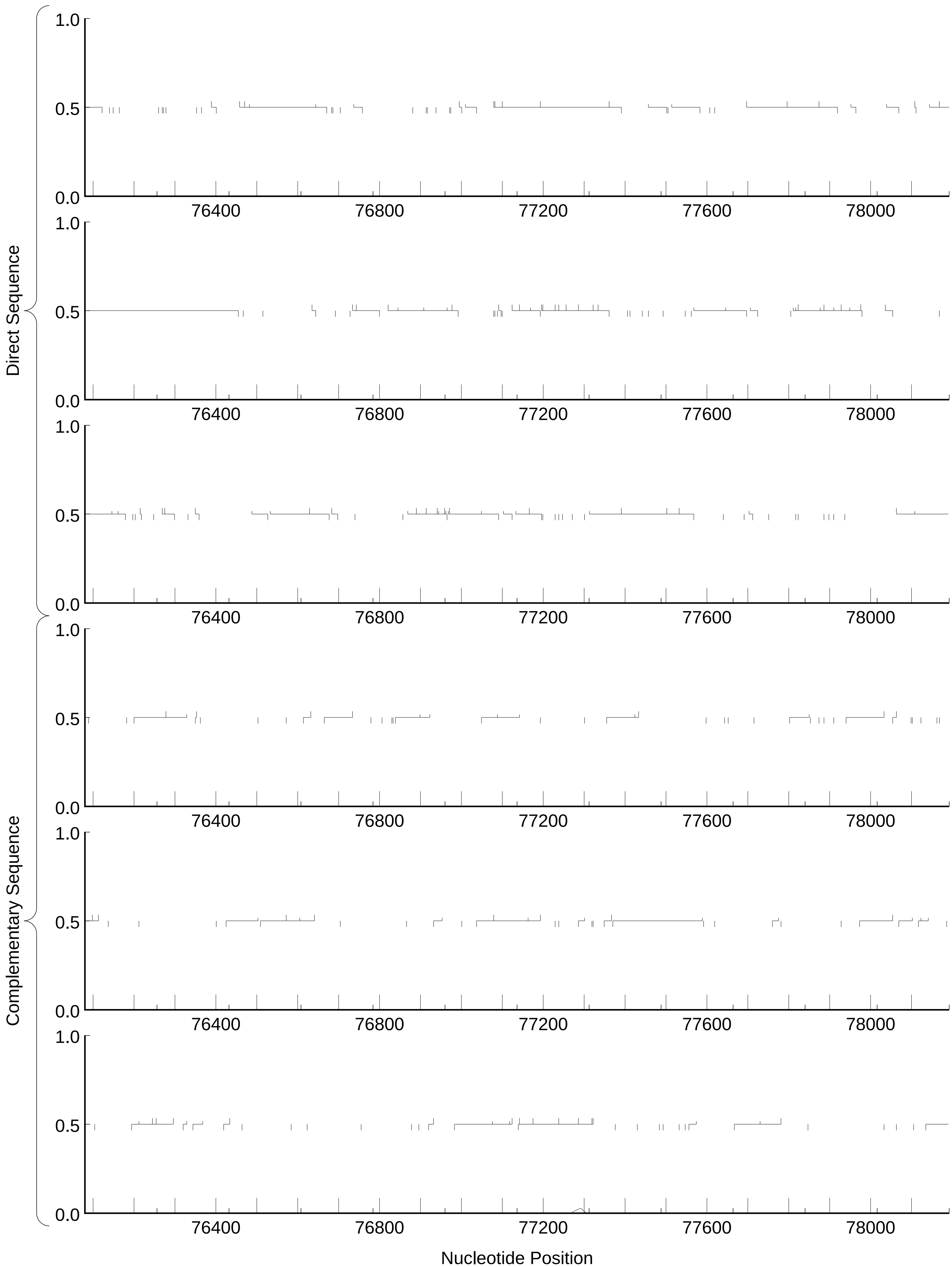
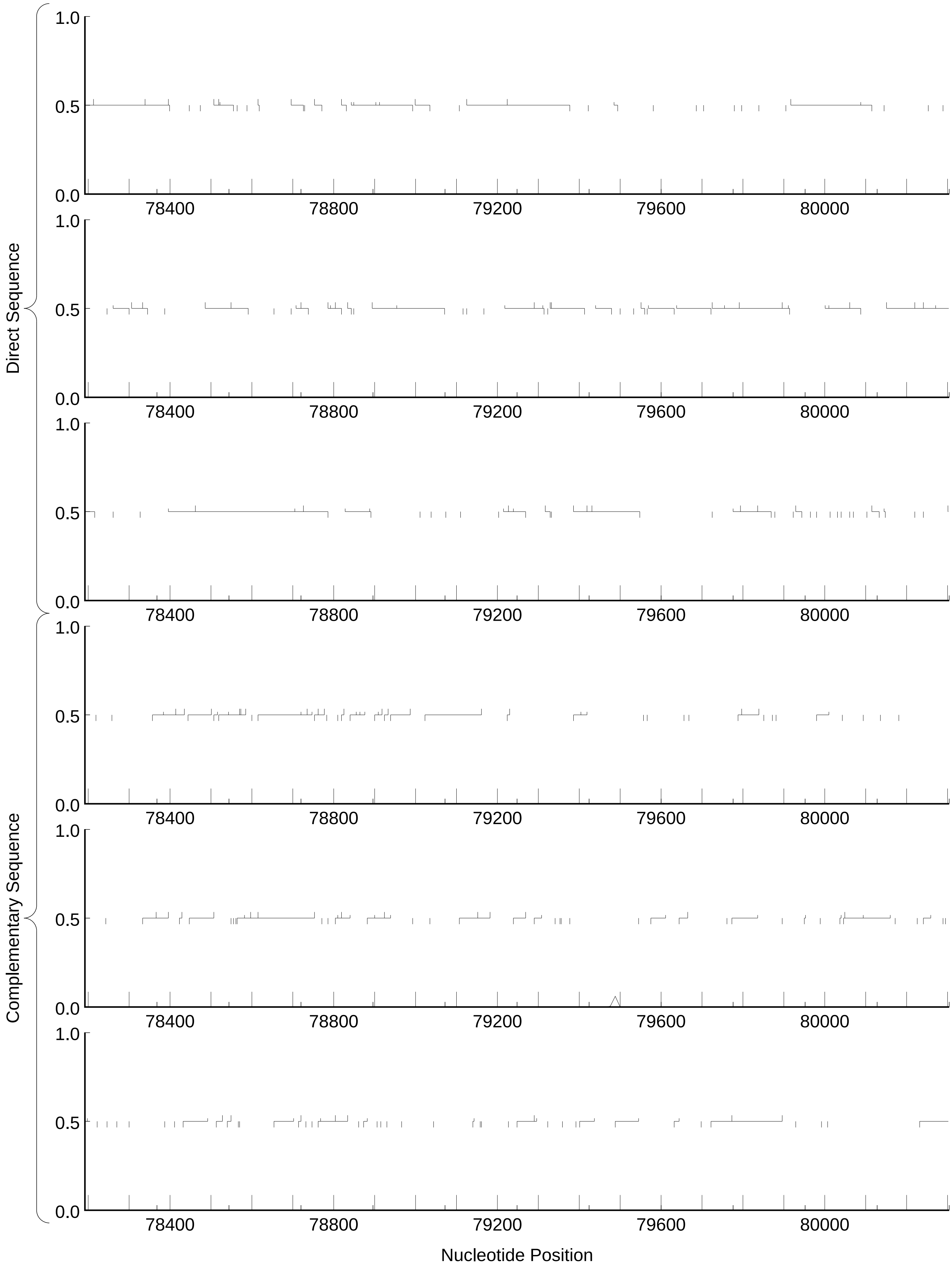
76000
Nucleotide Position

e Bordeaux complete sequence, 131317 bp including 12579 bp terminal repeat, Cluster BE2, Order 4, Window 96, Step 12, 38/64





Direct Sequence
Complementary Sequence
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Nucleotide Position

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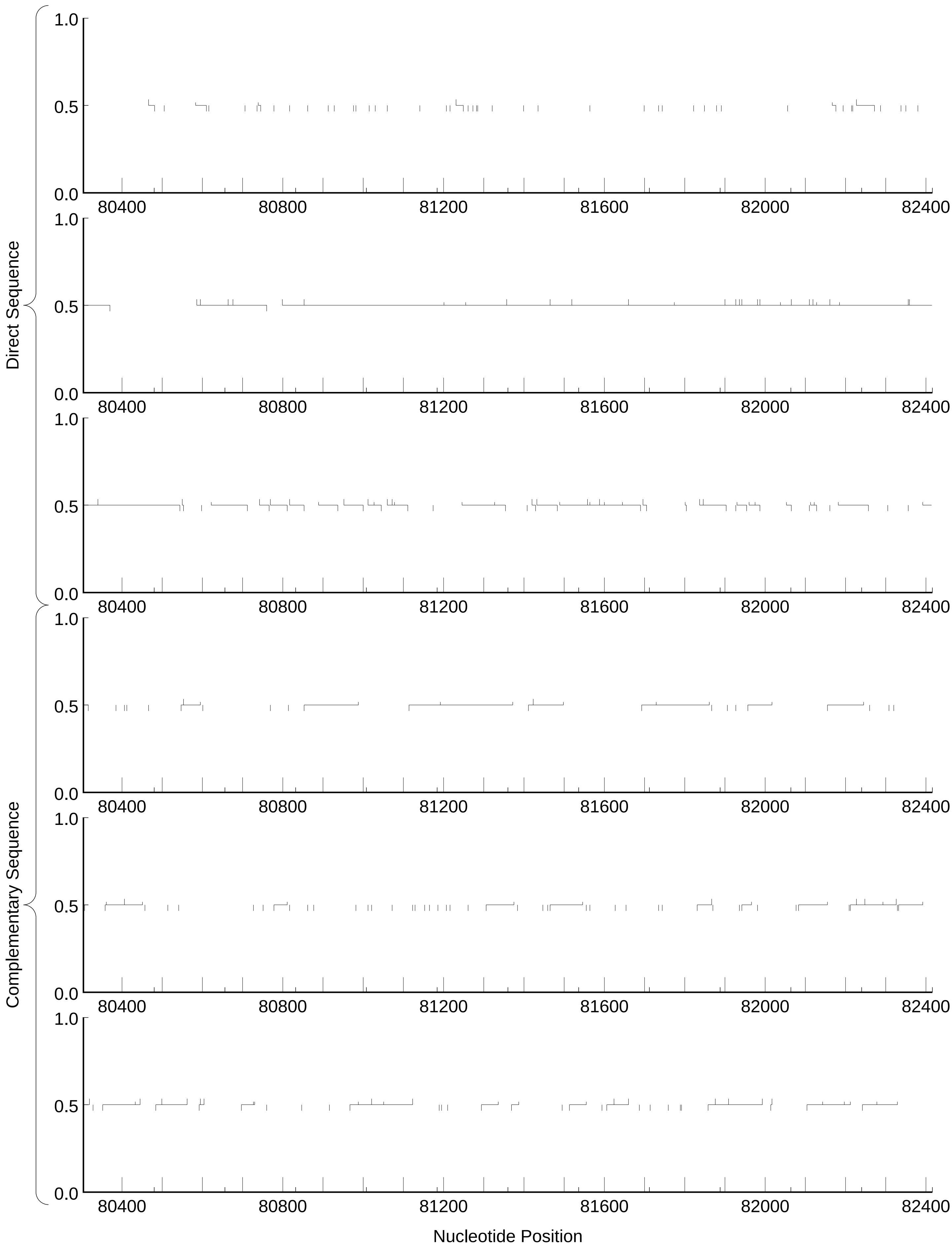

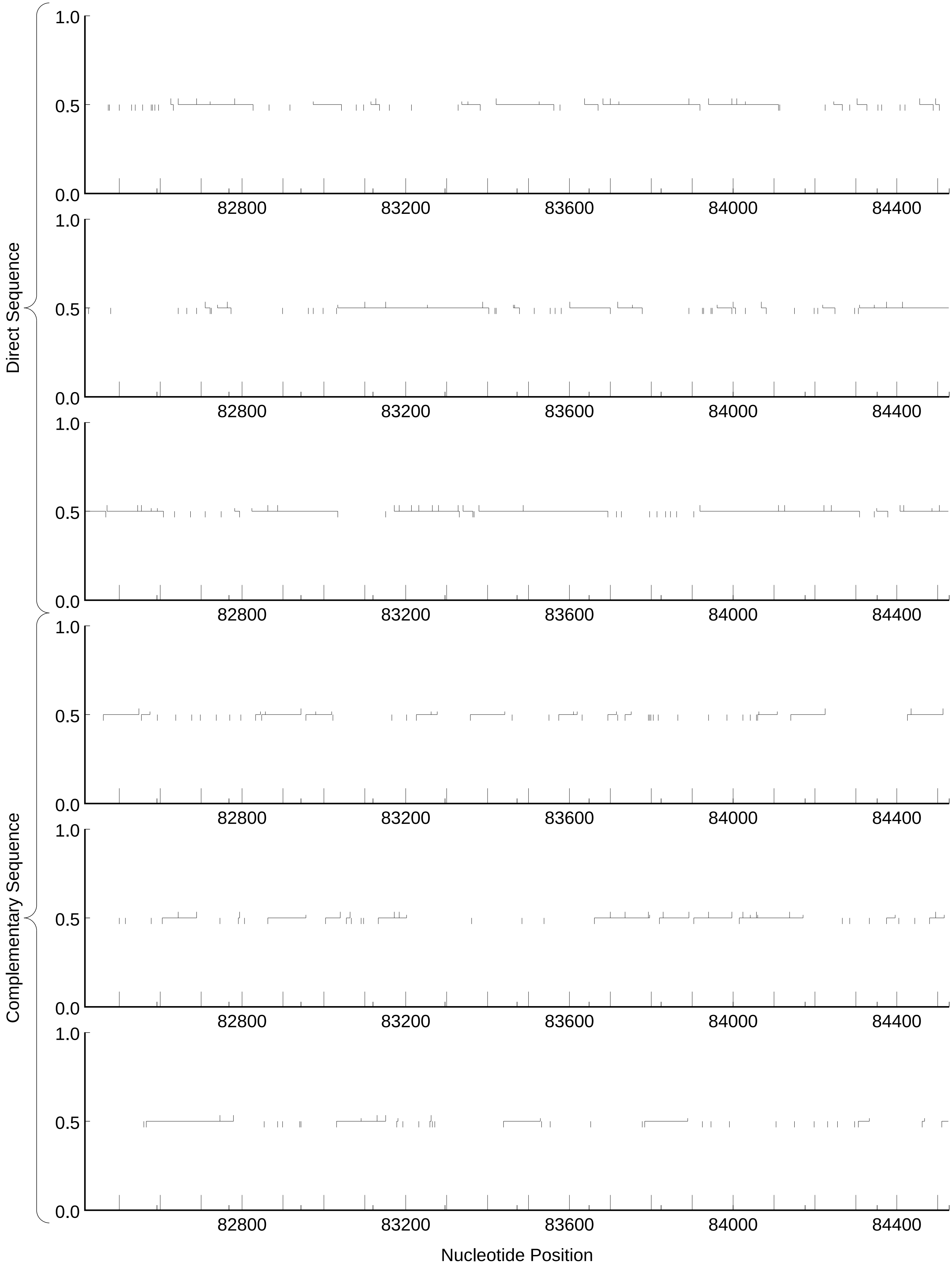

Direct Sequence
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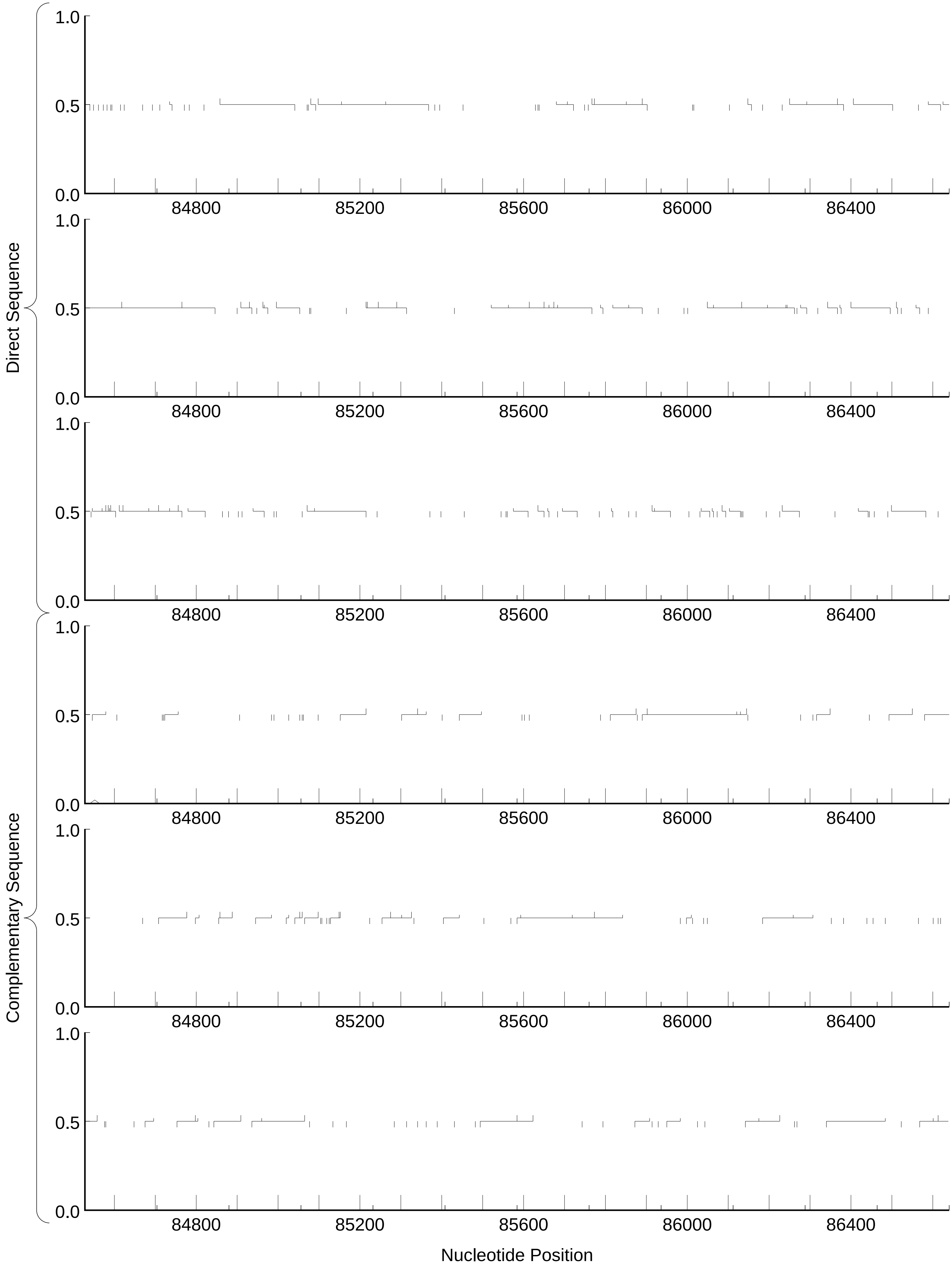
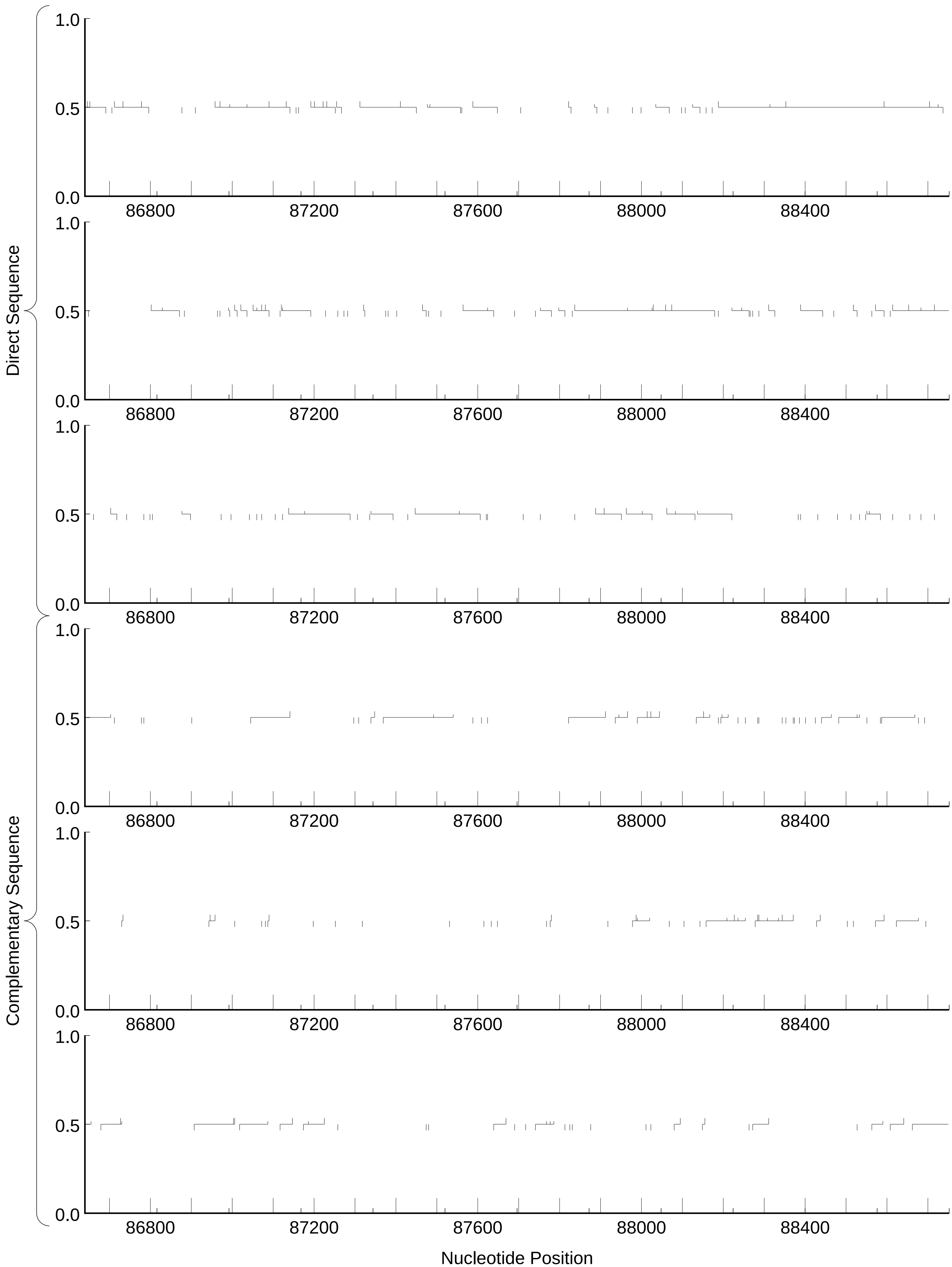
Nucleotide Position

e Bordeaux complete sequence, 131317 bp including 12579 bp terminal repeat, Cluster BE2, Order 4, Window 96, Step 12, 42/64

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Nucleotide Position

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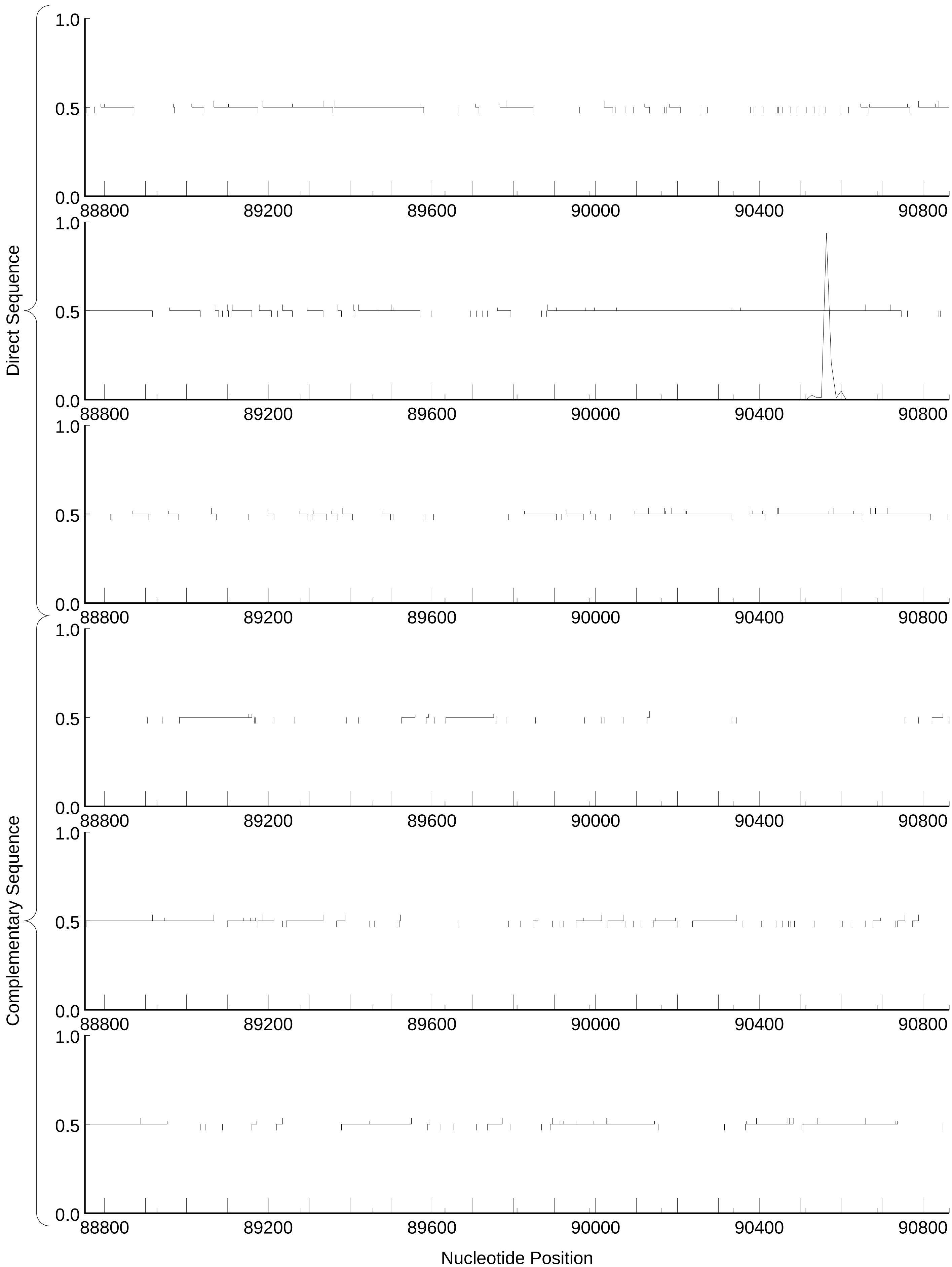

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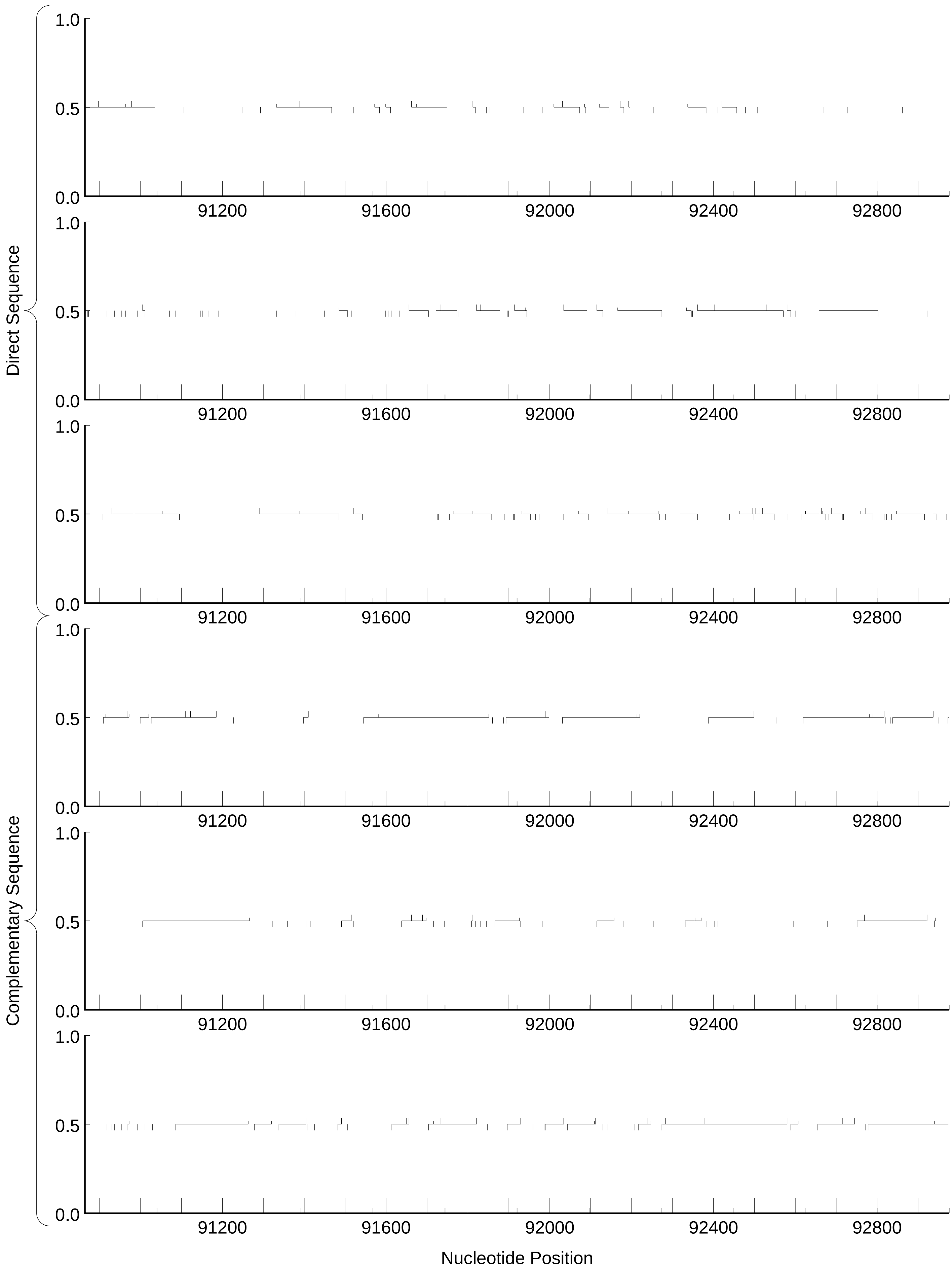

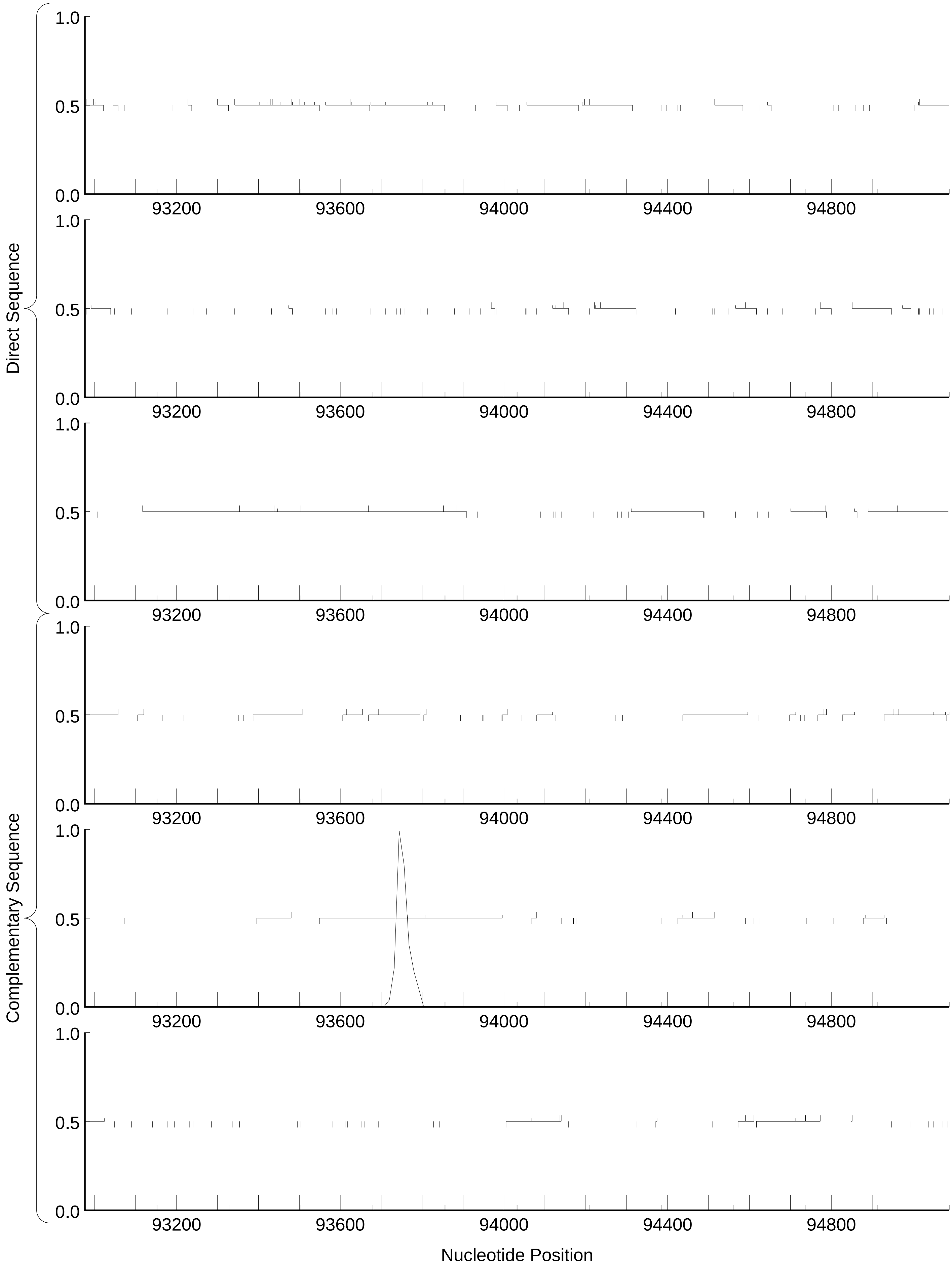
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Complementary Sequence
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93200
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94000
94400
94800
Nucleotide Position

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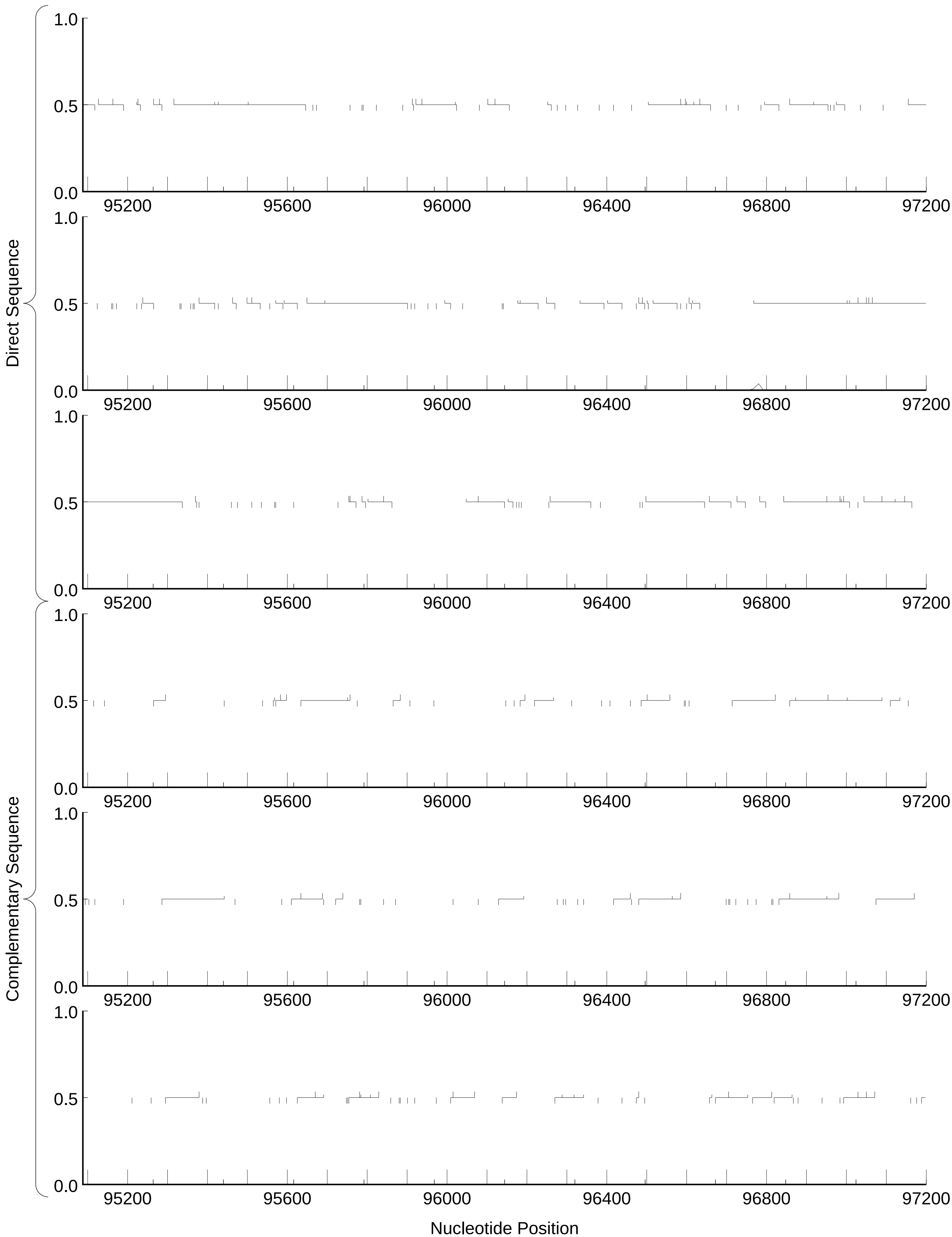

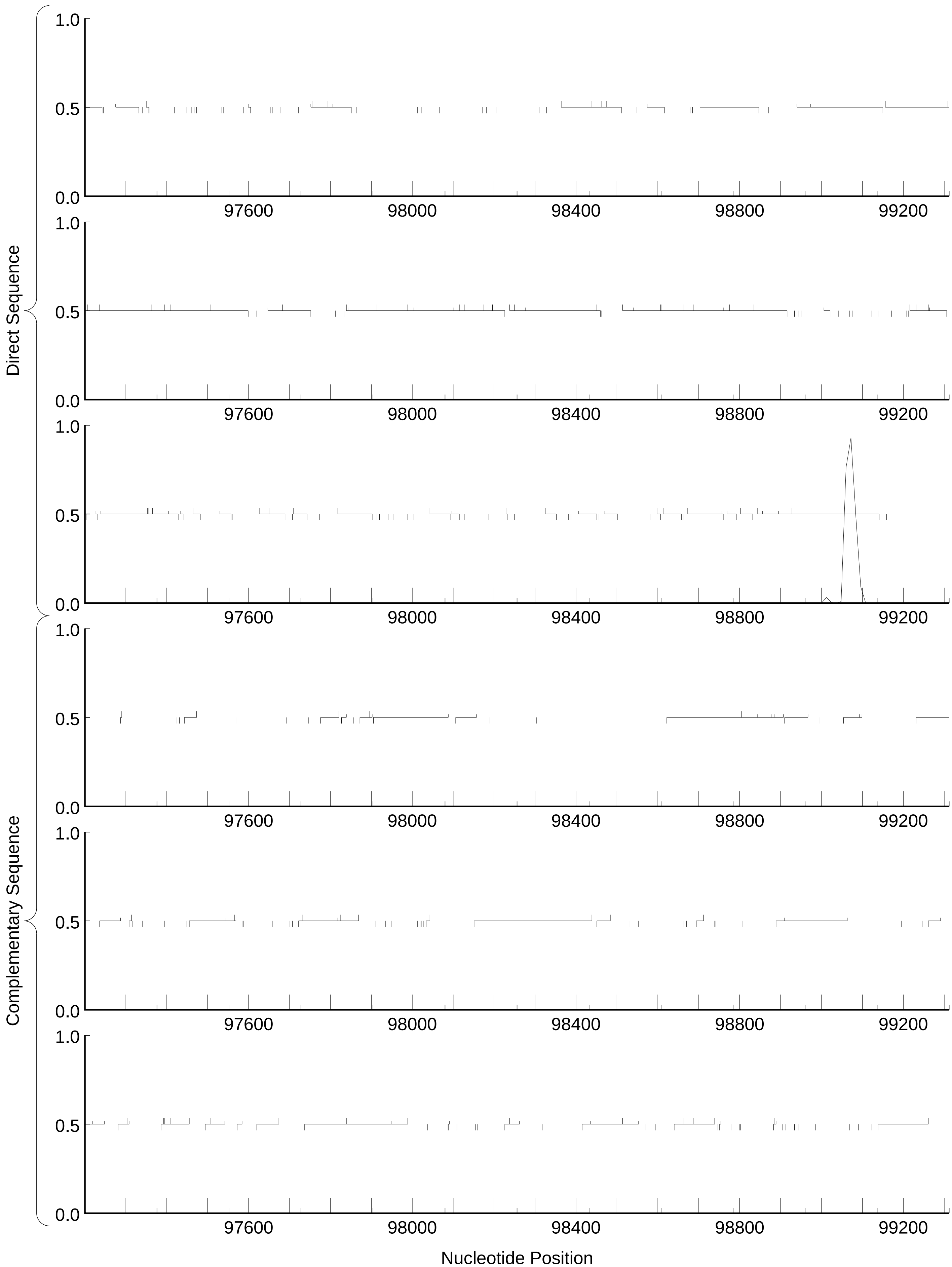

Direct Sequence
Complementary Sequence
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98400
98800
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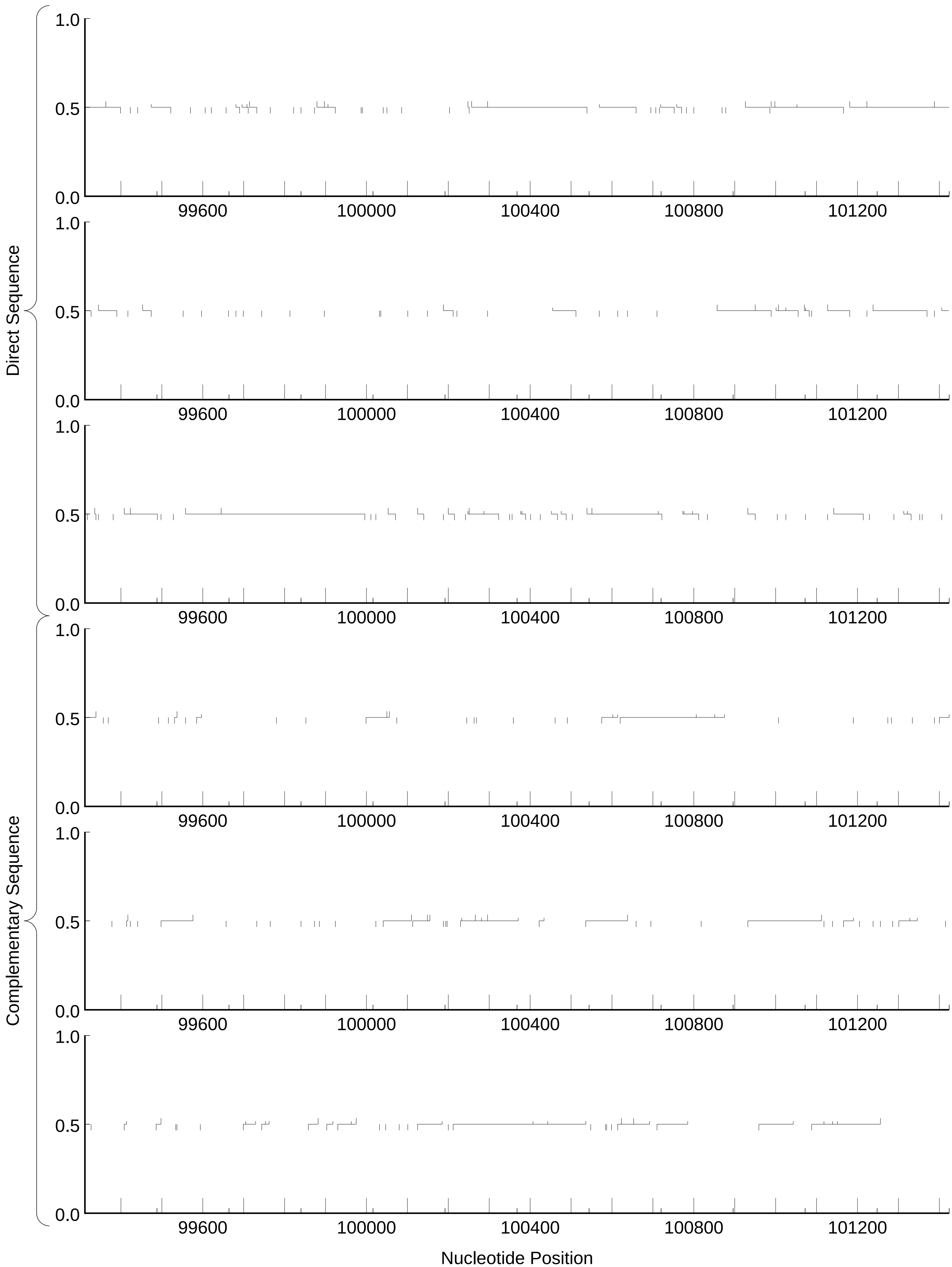
Nucleotide Position

e Bordeaux complete sequence, 131317 bp including 12579 bp terminal repeat, Cluster BE2, Order 4, Window 96, Step 12, 49/64



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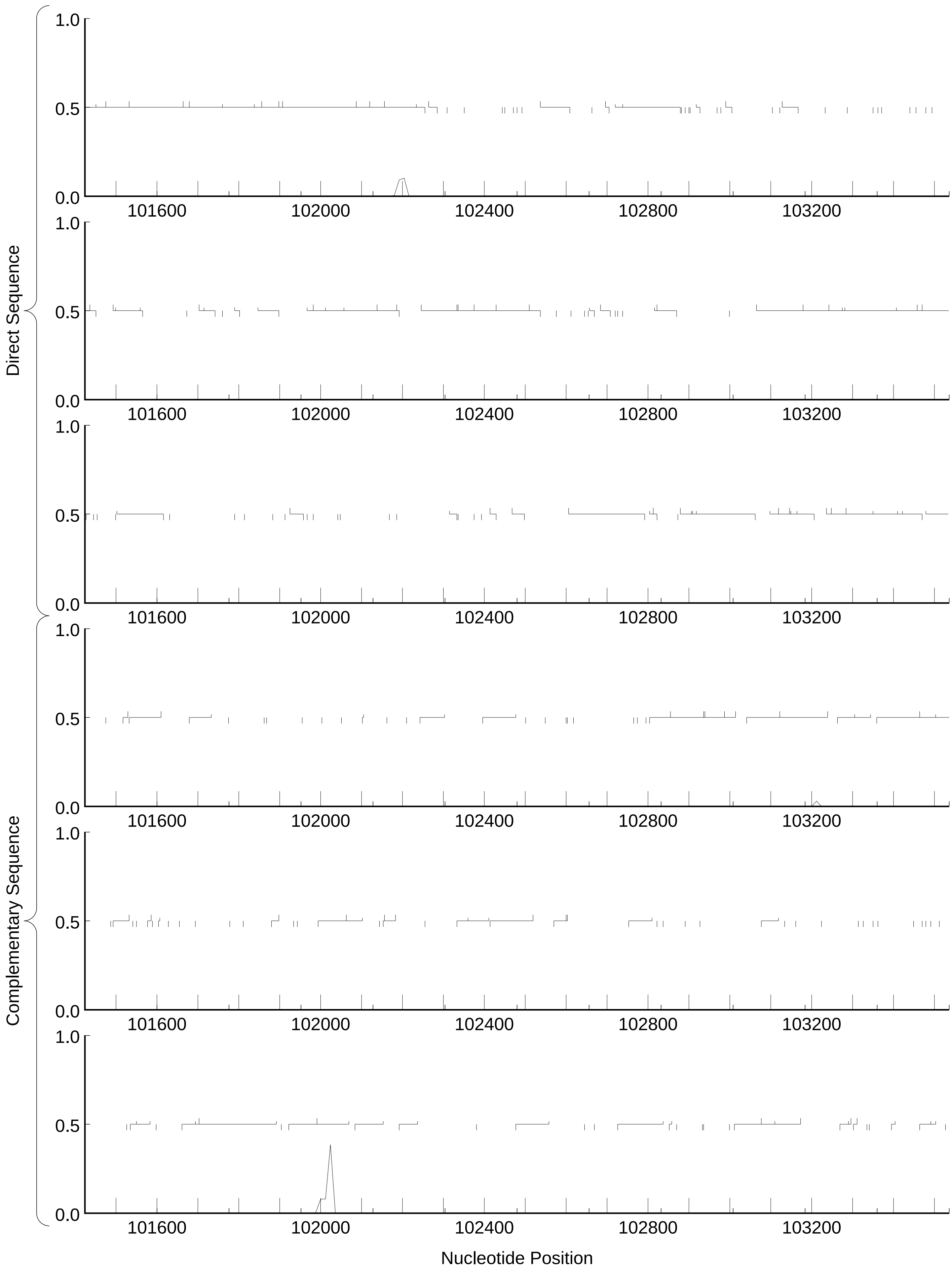
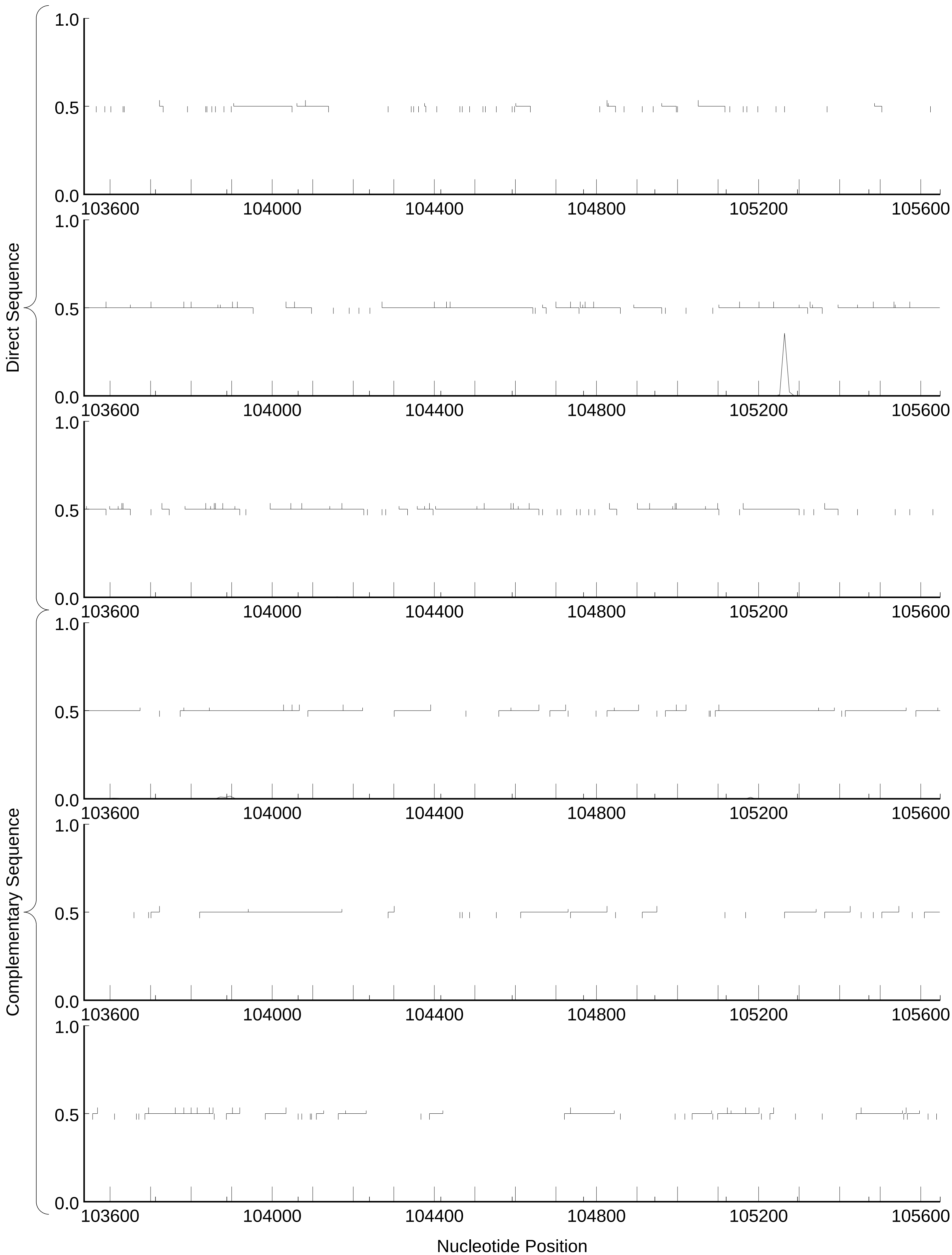


e Bordeaux complete sequence, 131317 bp including 12579 bp terminal repeat, Cluster BE2, Order 4, Window 96, Step 12, 51/64



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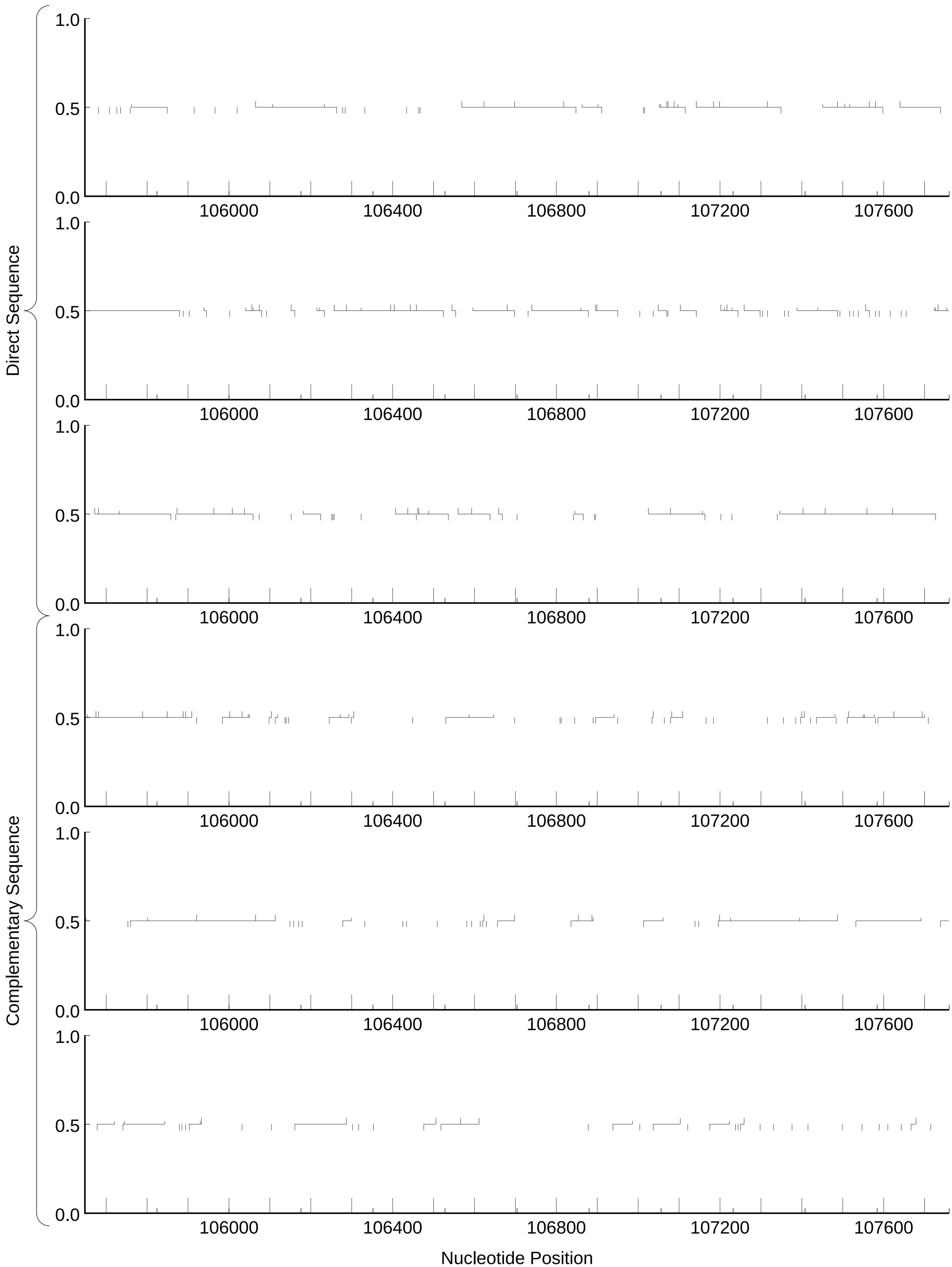

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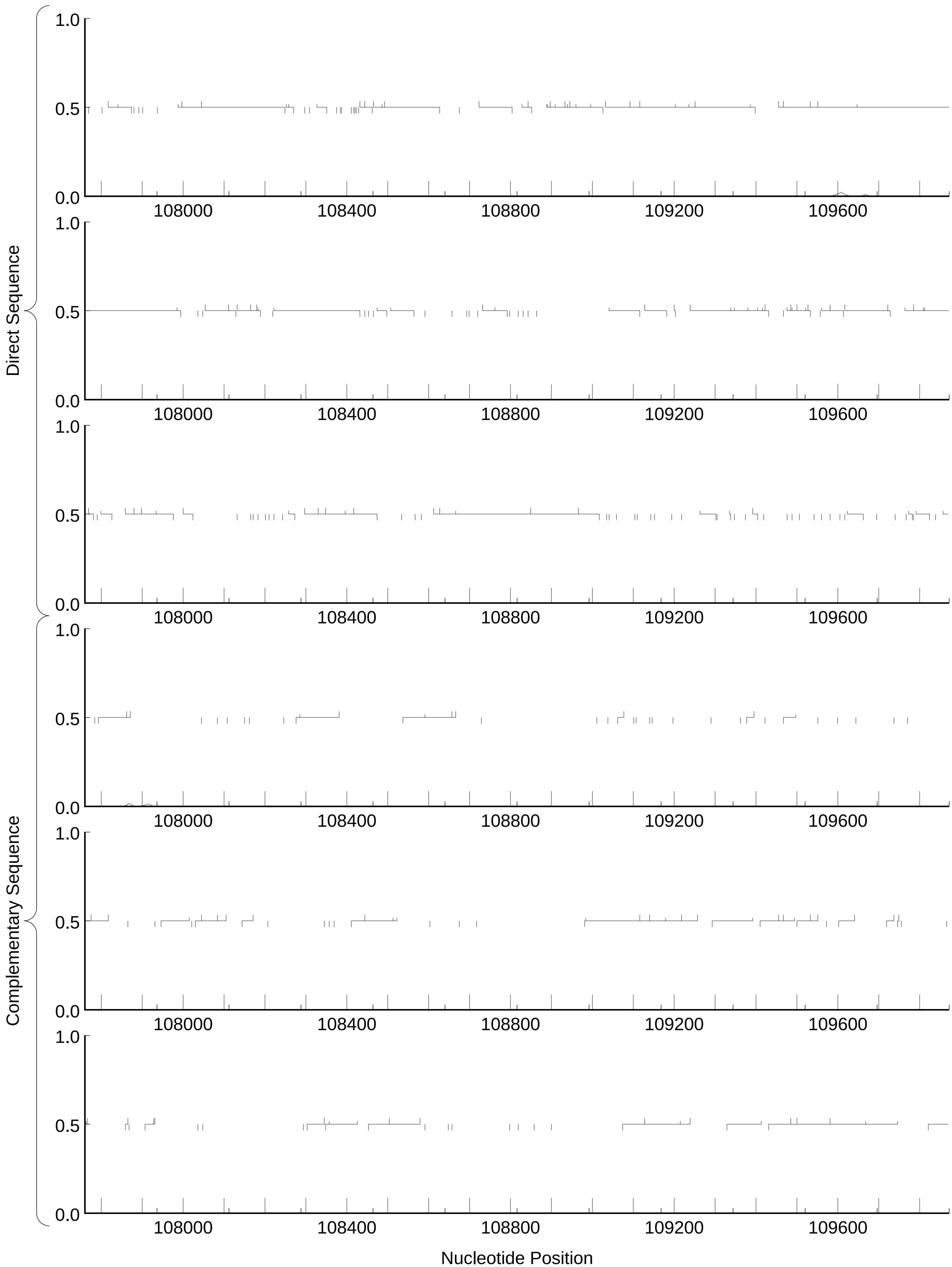
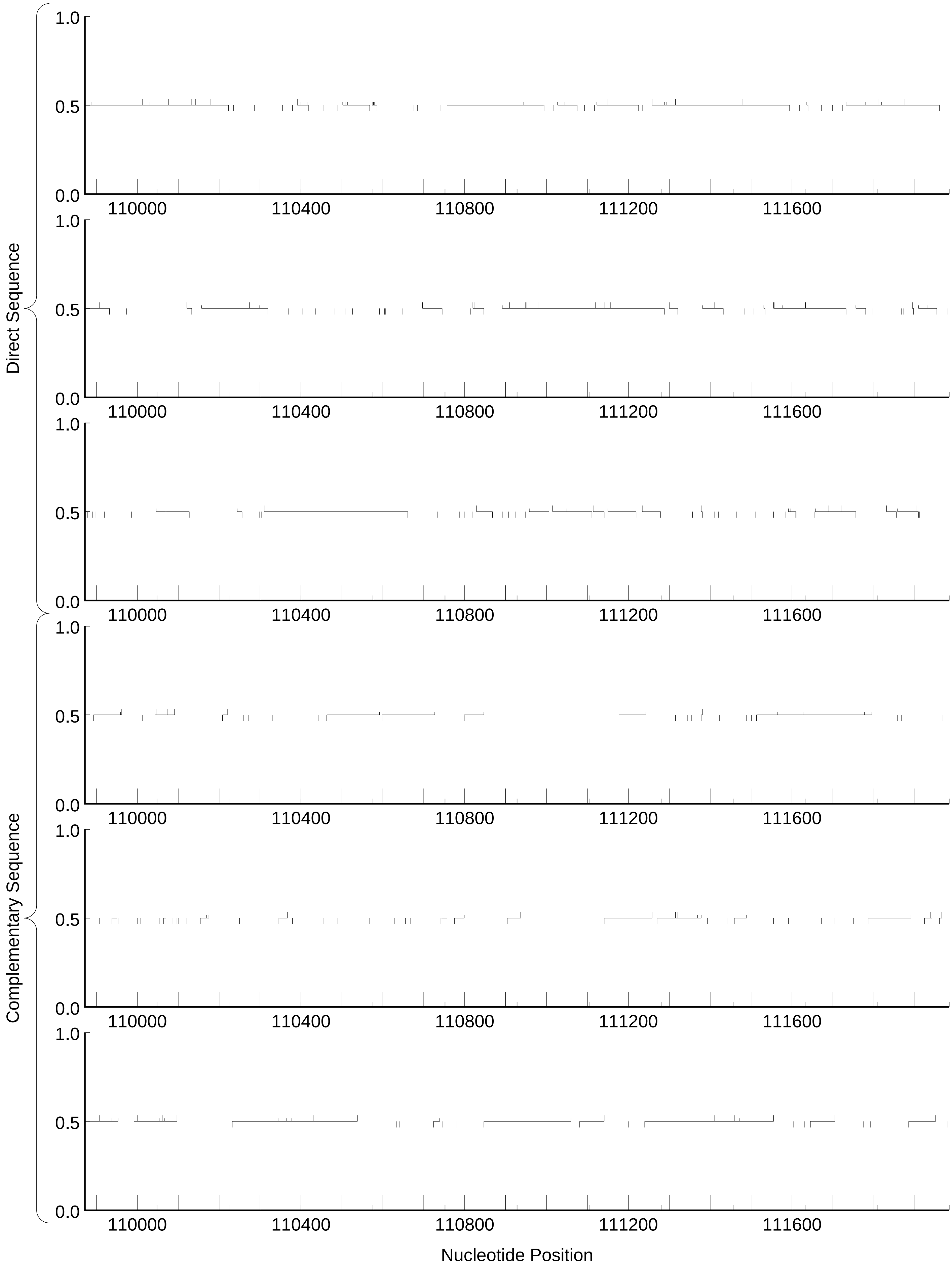
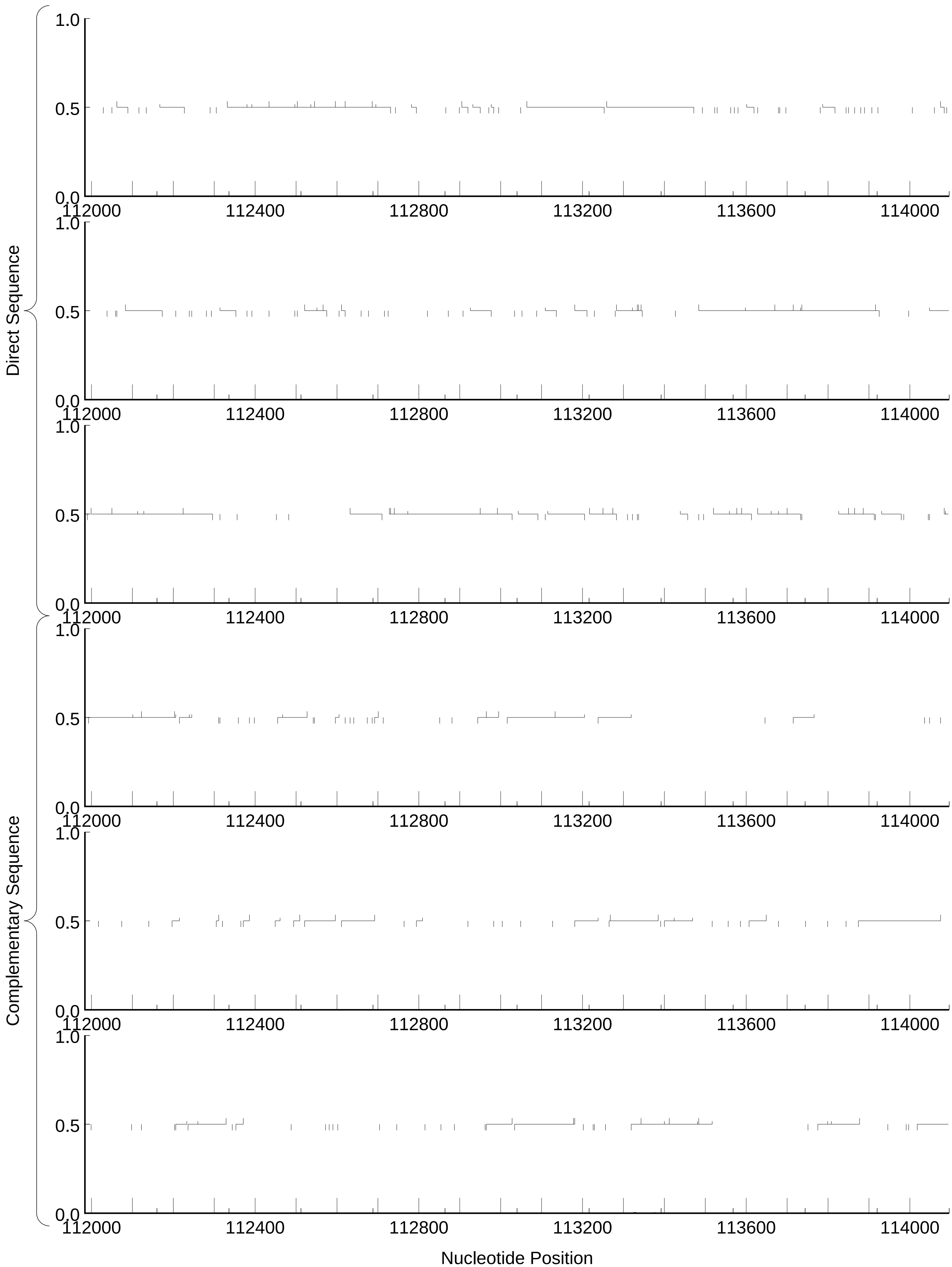


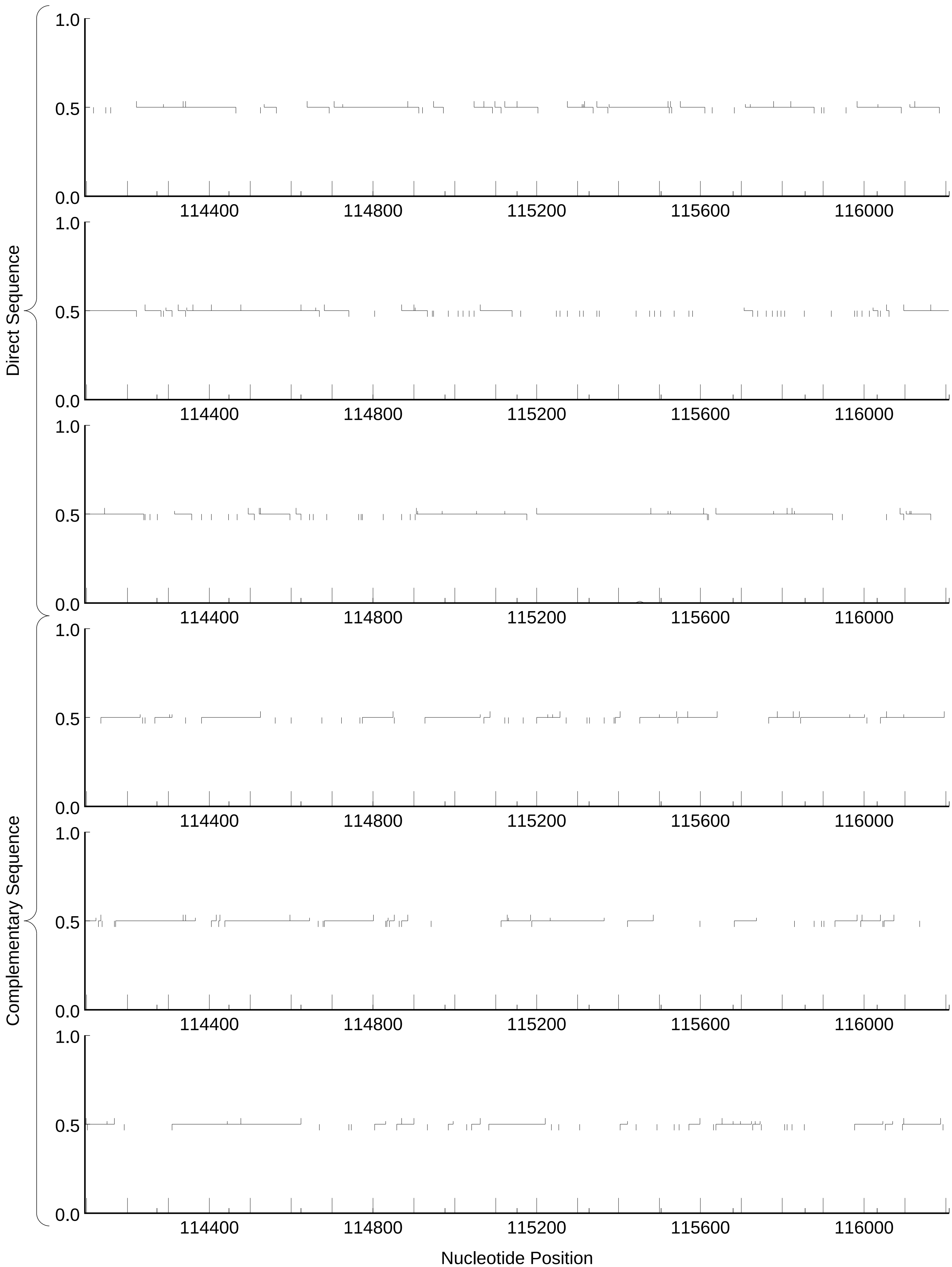
e Bordeaux complete sequence, 131317 bp including 12579 bp terminal repeat, Cluster BE2, Order 4, Window 96, Step 12, 54/64

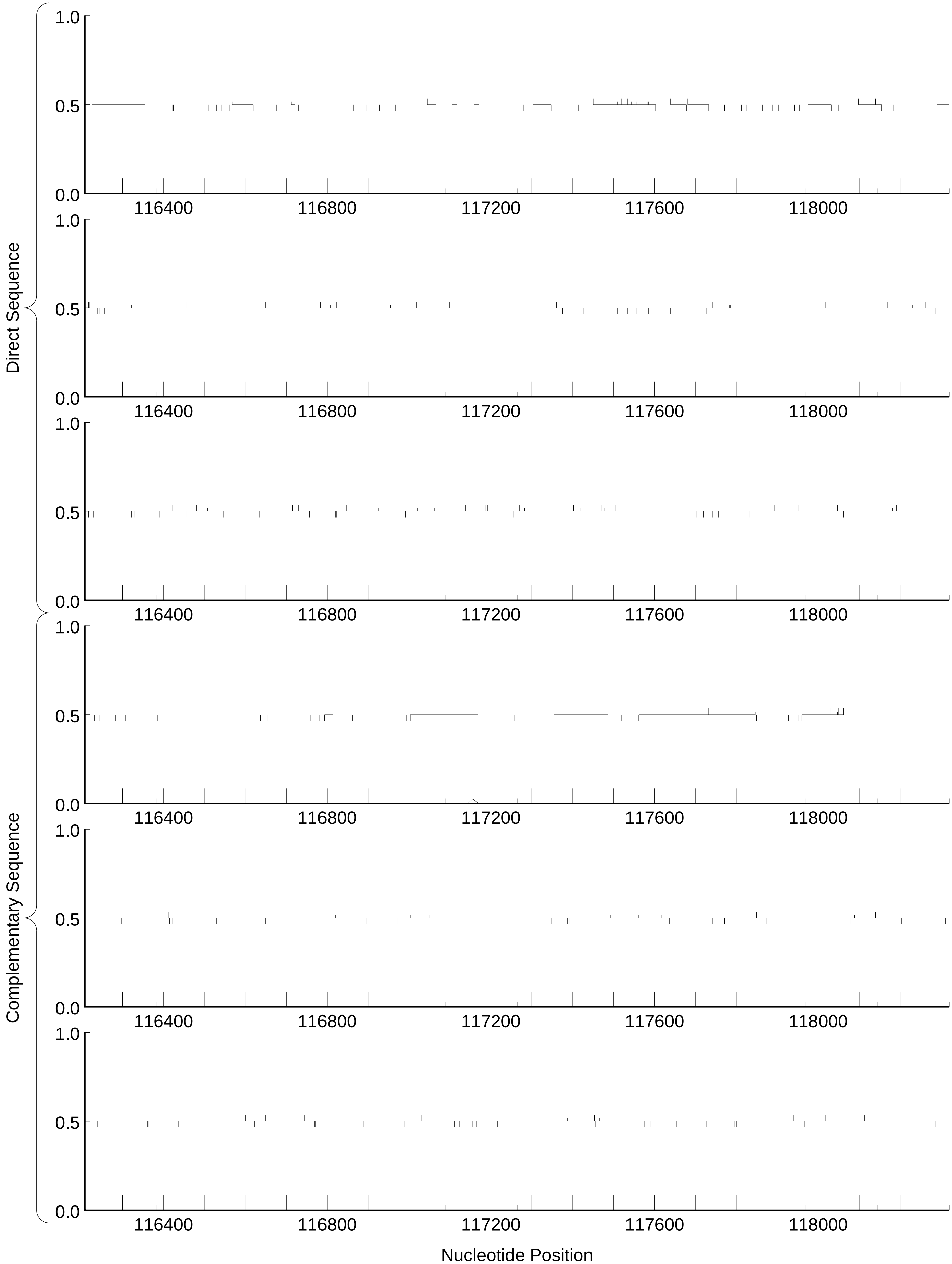


e Bordeaux complete sequence, 131317 bp including 12579 bp terminal repeat, Cluster BE2, Order 4, Window 96, Step 12, 55/64



e Bordeaux complete sequence, 131317 bp including 12579 bp terminal repeat, Cluster BE2, Order 4, Window 96, Step 12, 56/64

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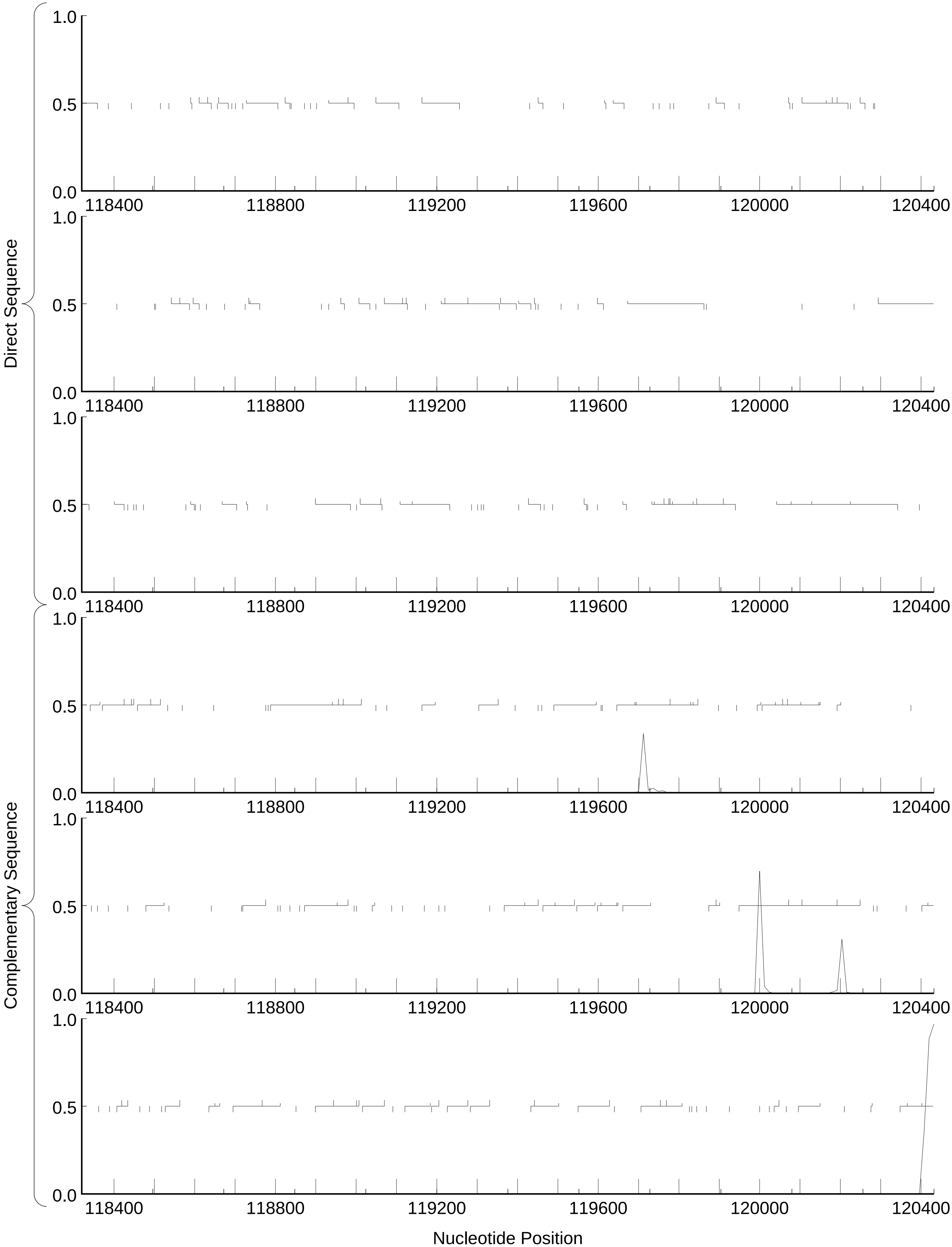
0.5
0.0
116400
116800
117200
117600
118000
Direct Sequence
Complementary Sequence
Nucleotide Position



Direct Sequence
Complementary Sequence
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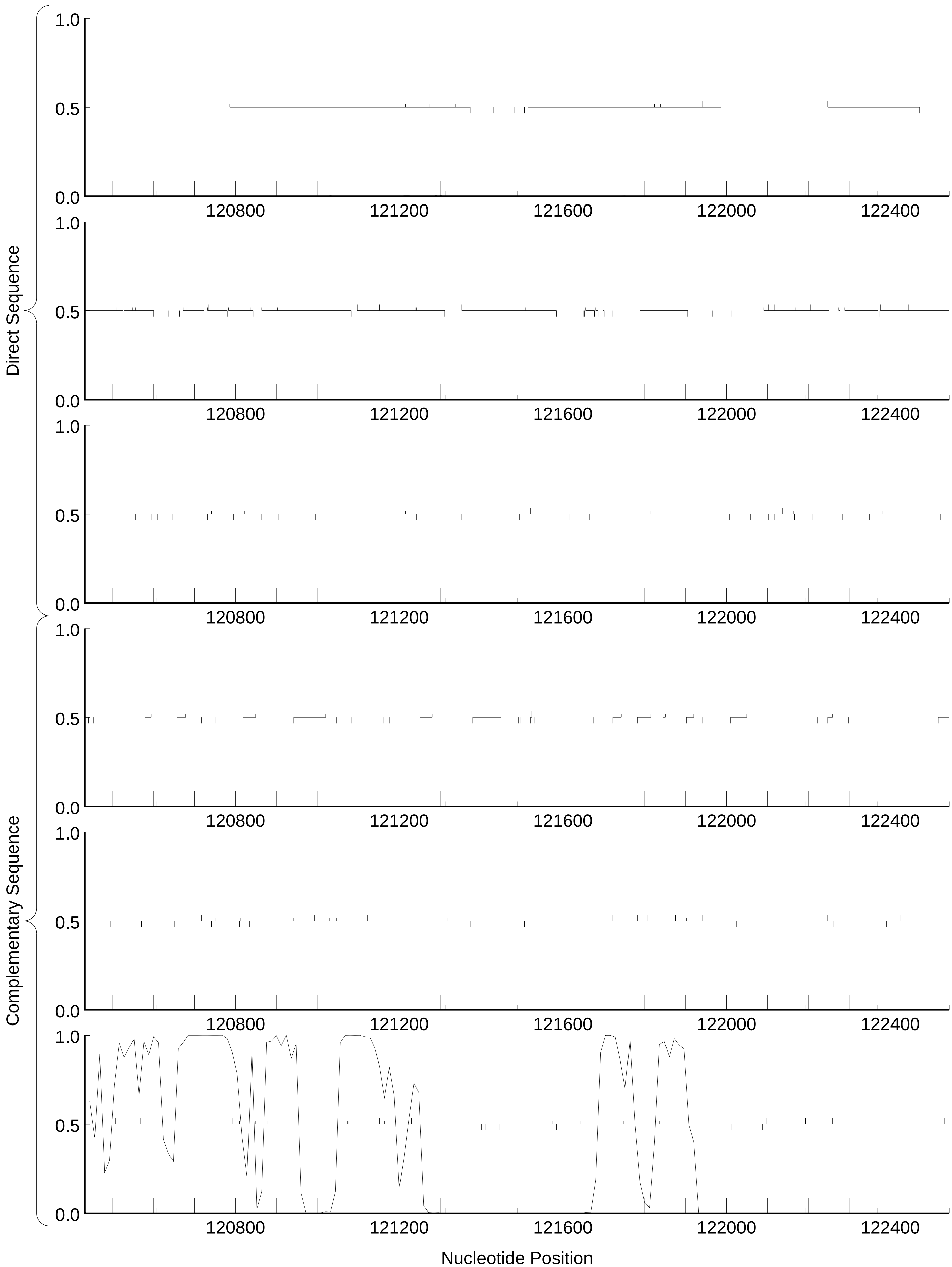
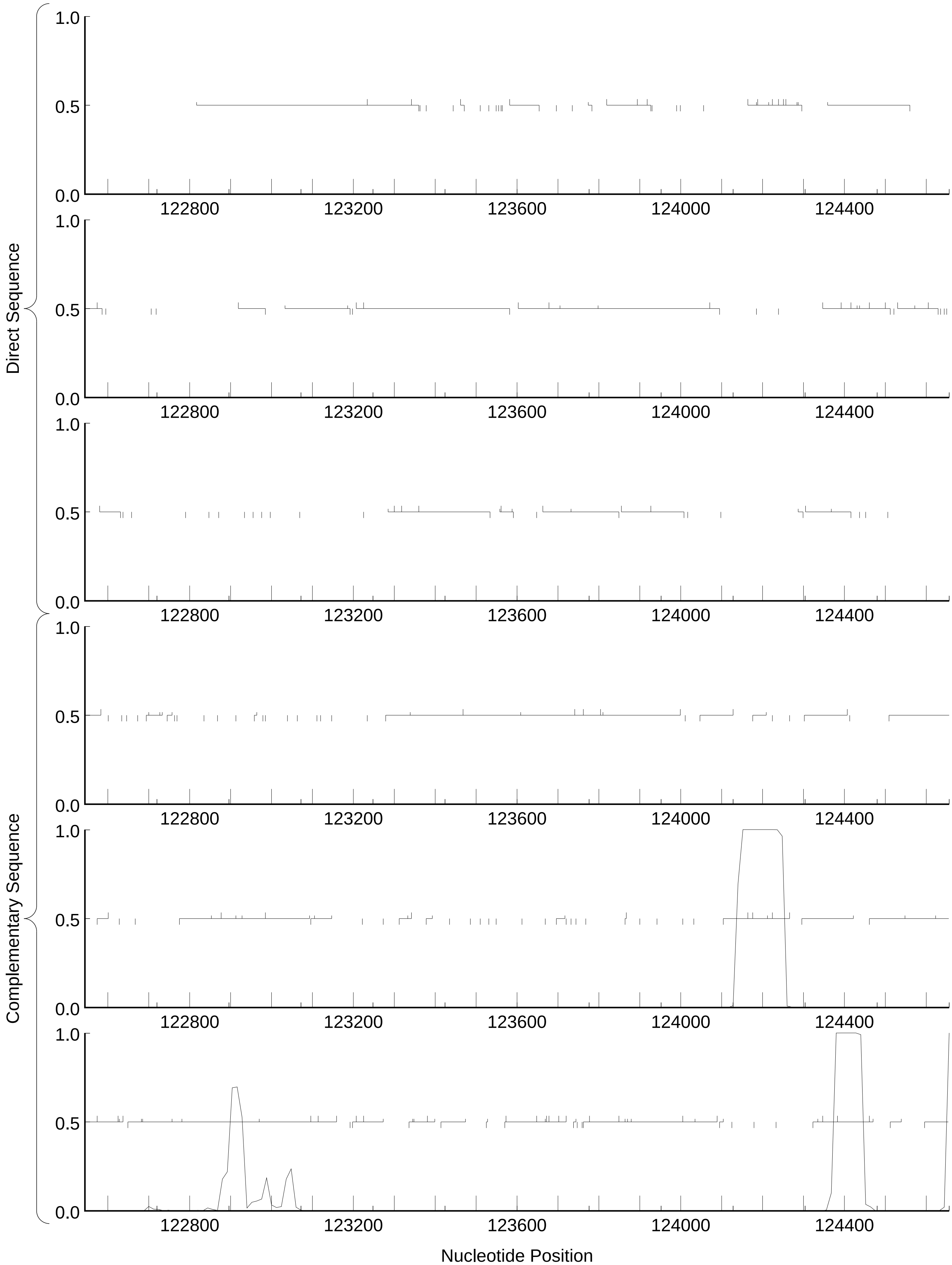
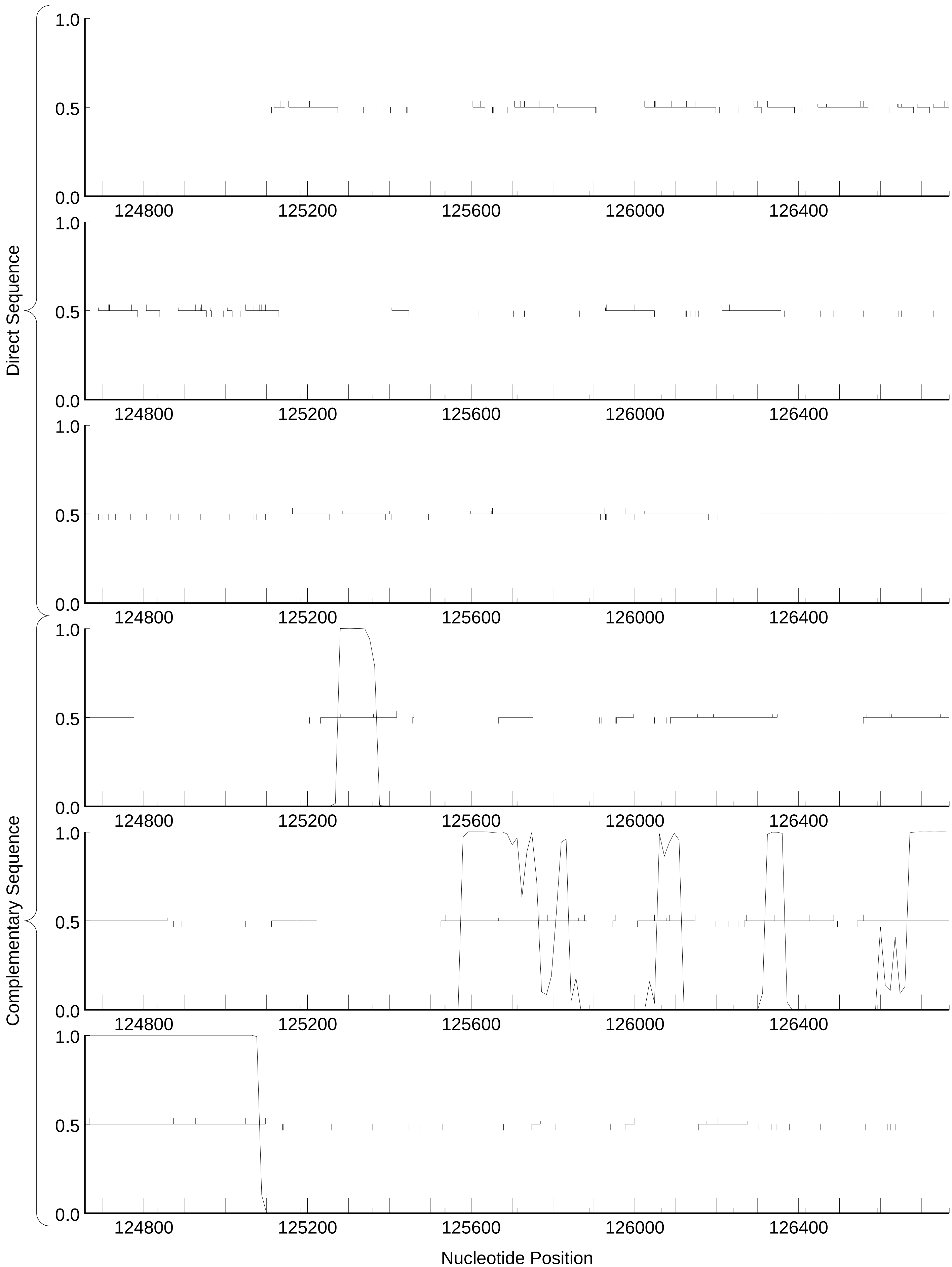
0.5
0.0
118400
118800
119200
119600
120000
120400
Nucleotide Position


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

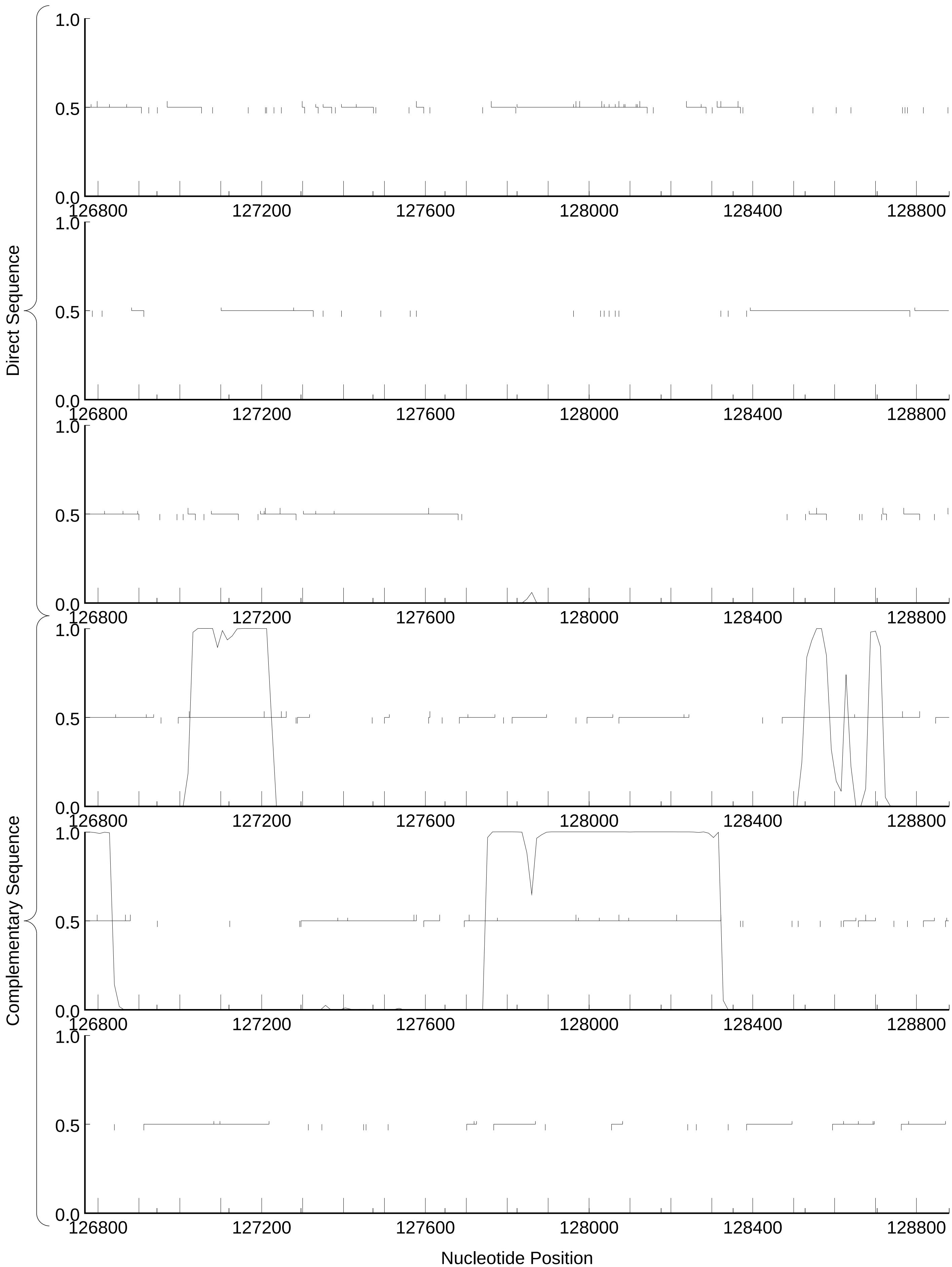
e Bordeaux complete sequence, 131317 bp including 12579 bp terminal repeat, Cluster BE2, Order 4, Window 96, Step 12, 60/64



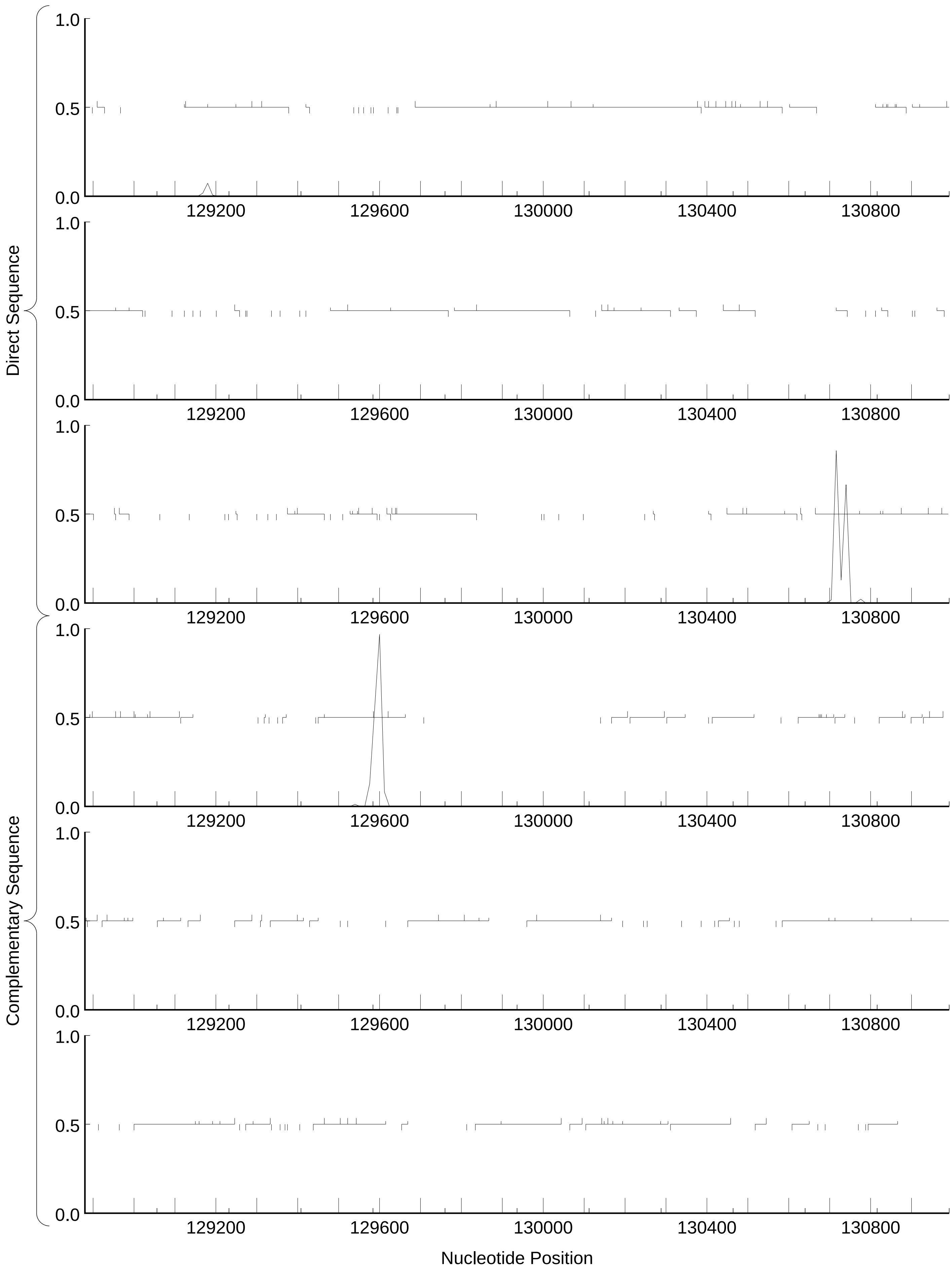
e Bordeaux complete sequence, 131317 bp including 12579 bp terminal repeat, Cluster BE2, Order 4, Window 96, Step 12, 61/64



e Bordeaux complete sequence, 131317 bp including 12579 bp terminal repeat, Cluster BE2, Order 4, Window 96, Step 12, 62/64



e Bordeaux complete sequence, 131317 bp including 12579 bp terminal repeat, Cluster BE2, Order 4, Window 96, Step 12, 63/64



e Bordeaux complete sequence, 131317 bp including 12579 bp terminal repeat, Cluster BE2, Order 4, Window 96, Step 12, 64/64