GeneMark

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

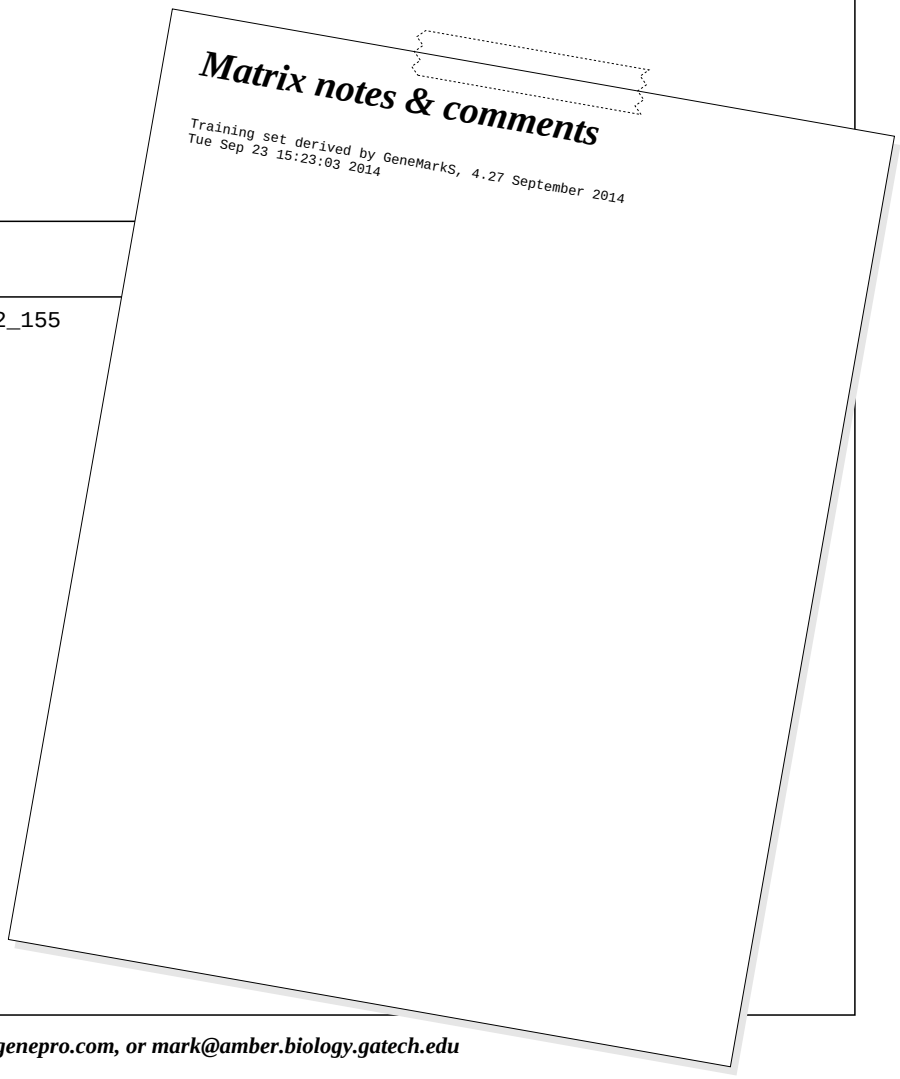
PROGRAM INFORMATION

```
Sequence         :  Mycobacterium phage Ruthiejr complete sequence, 57858 bp including 11-base 3' overhang (CTC
Analysis Date    :  3/29/24 at 1:26:32
Pages            :  29
Sequence Length  :  57858 bp
GC Content       :   67.42%

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

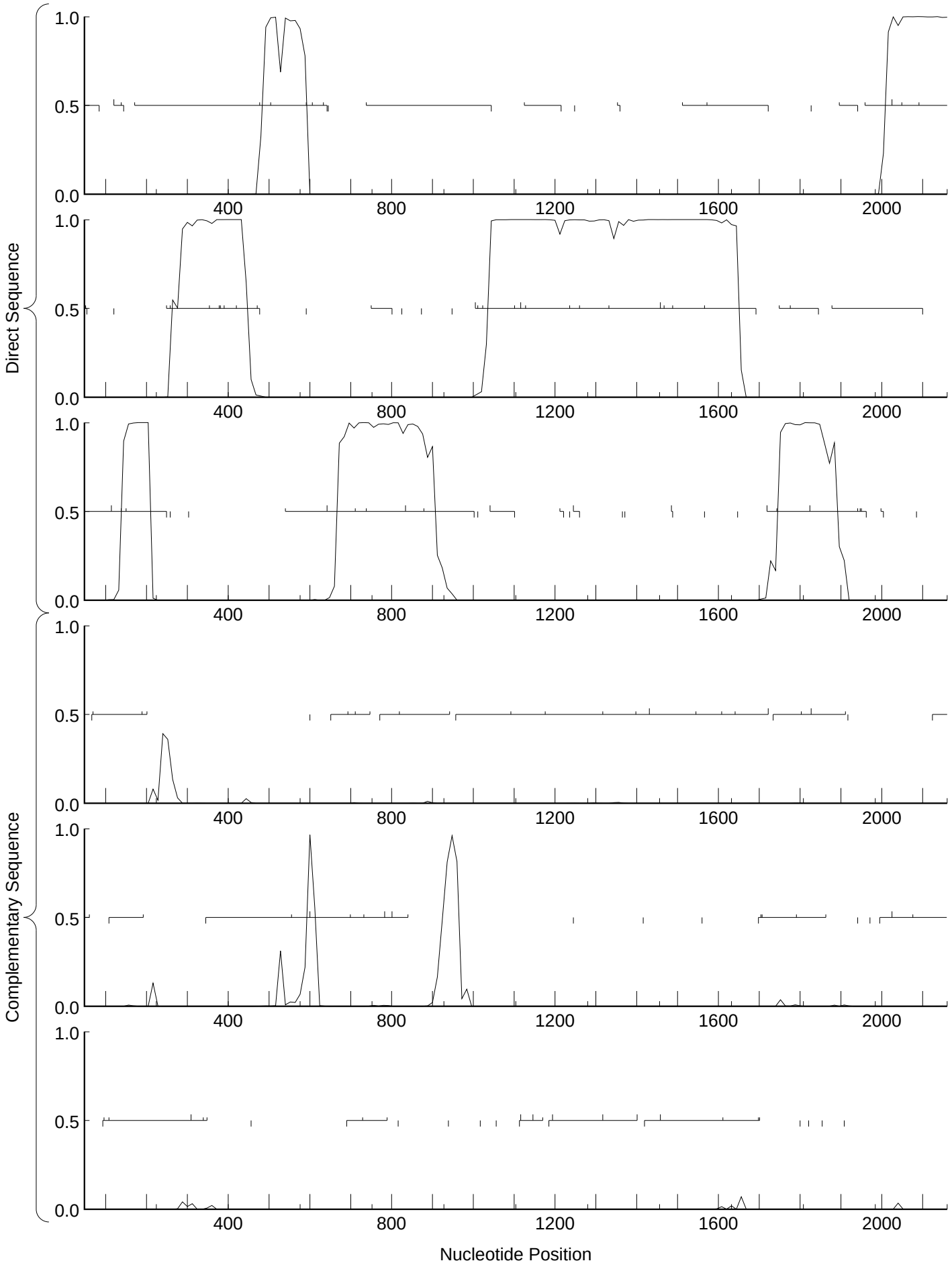
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Matrix     :  Mycobacterium_smegmatis_MC2_155
Author     :  -

Order      :  4
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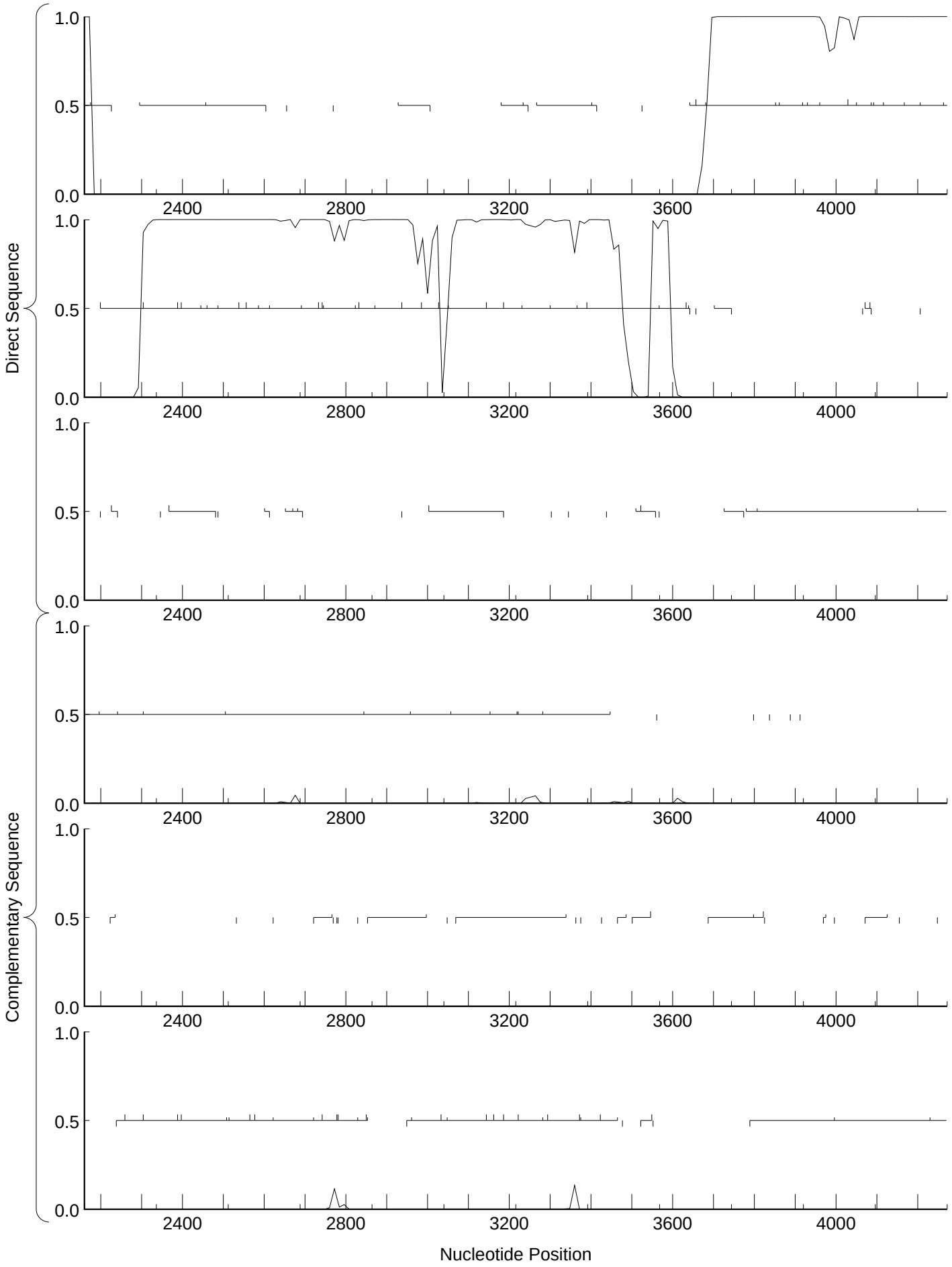

```
  Send questions / comments to:
      Dr. M. Borodovsky
      Georgia Institute of Technology
      School of Biology
      Atlanta, GA  30332-0230
```


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

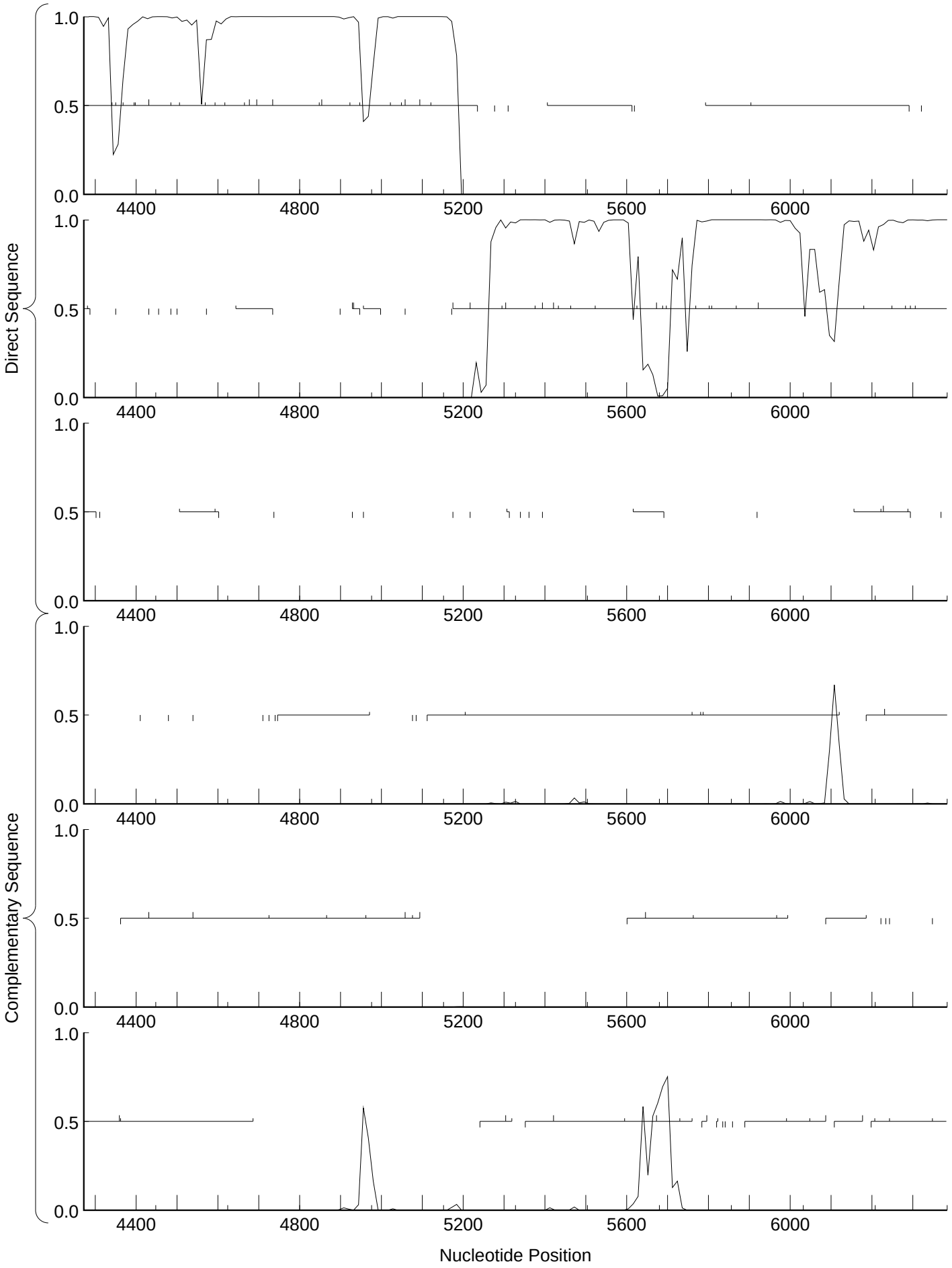
complete sequence, 57858 bp including 11-base 3’ overhang (CTCGCGGCCAT), Cluster K4, Order 4, Window 96, Step 12, 2/29



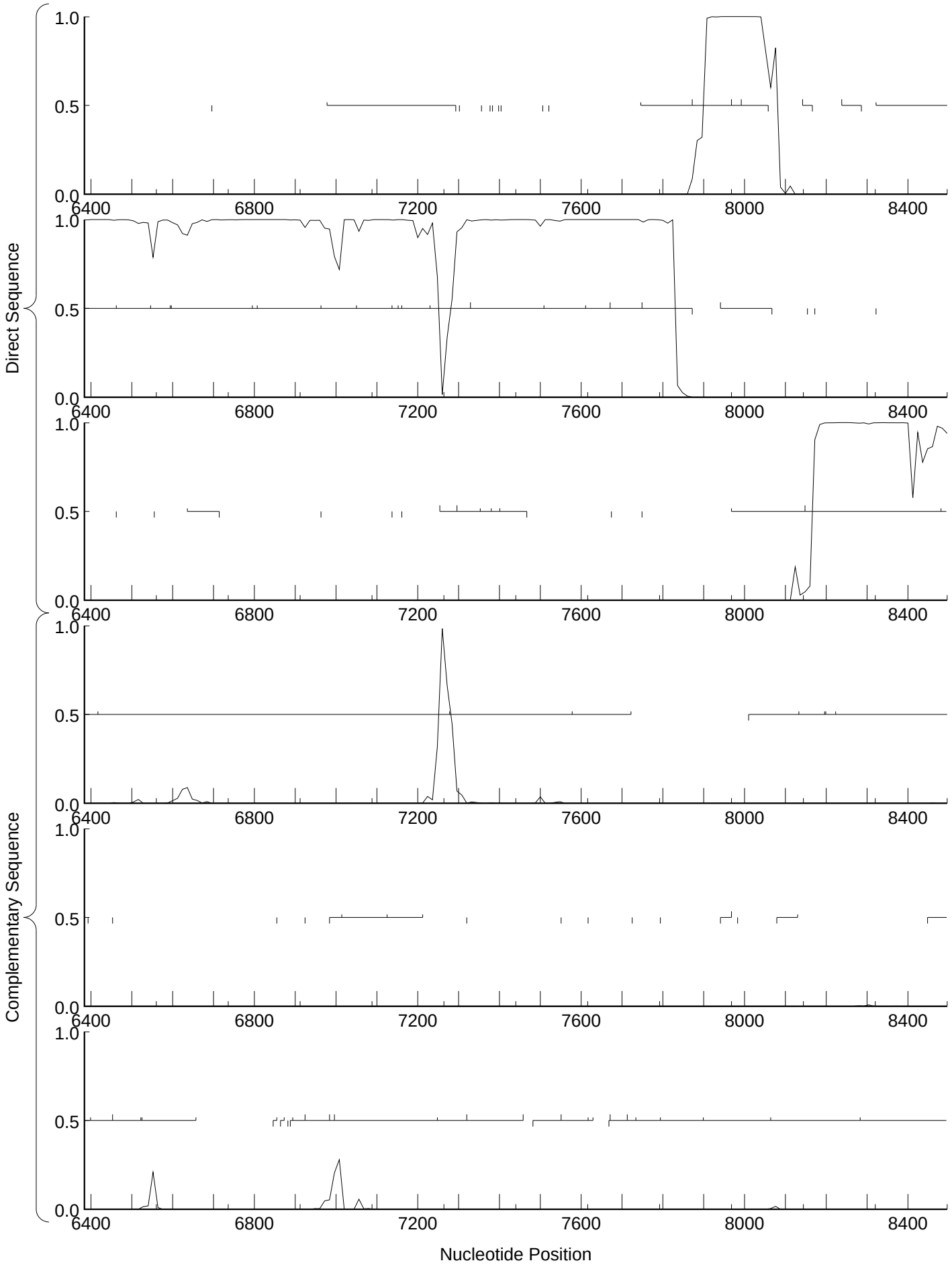
complete sequence, 57858 bp including 11-base 3’ overhang (CTCGCGGCCAT), Cluster K4, Order 4, Window 96, Step 12, 3/29



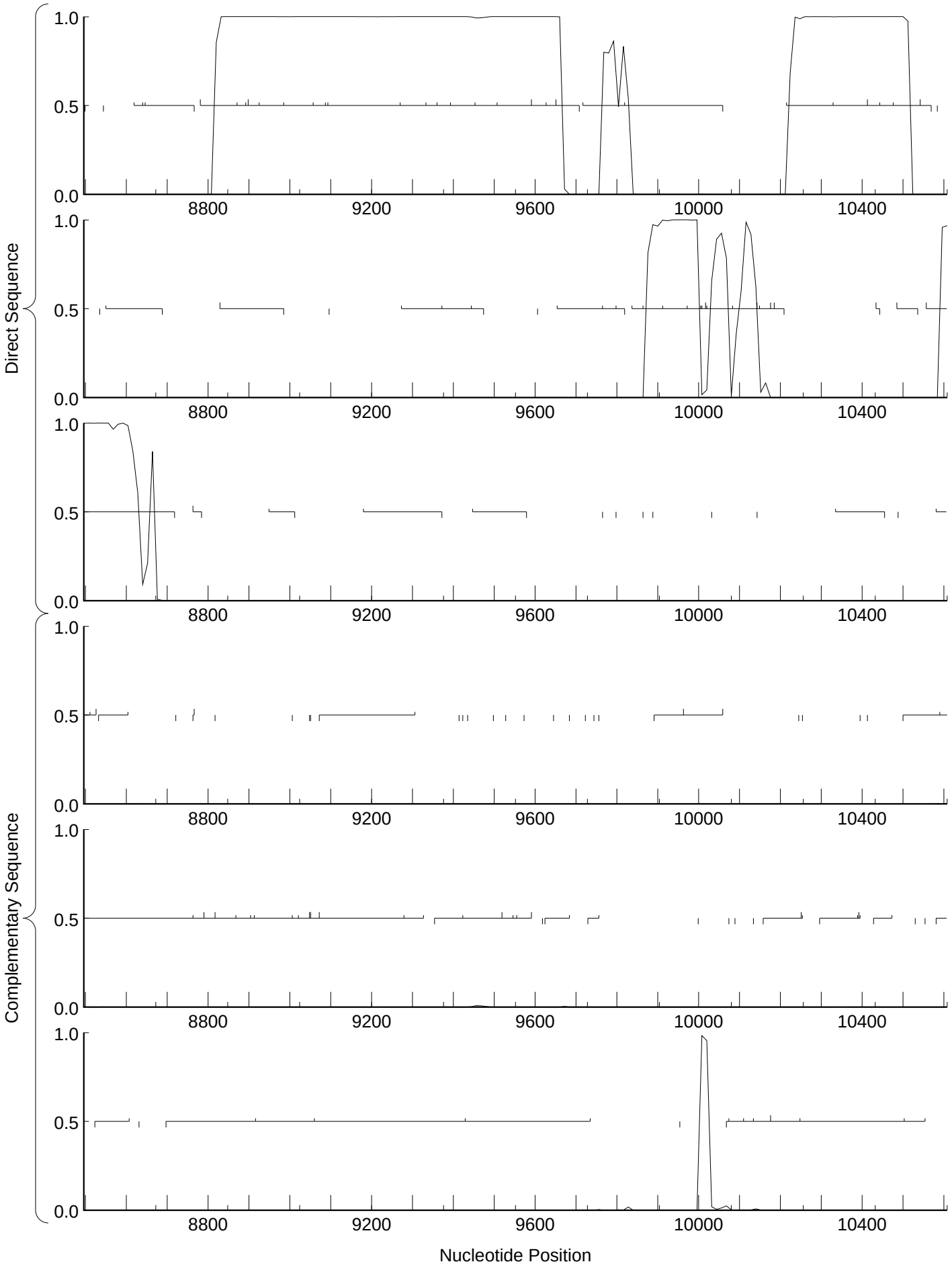
complete sequence, 57858 bp including 11-base 3’ overhang (CTCGCGGCCAT), Cluster K4, Order 4, Window 96, Step 12, 4/29



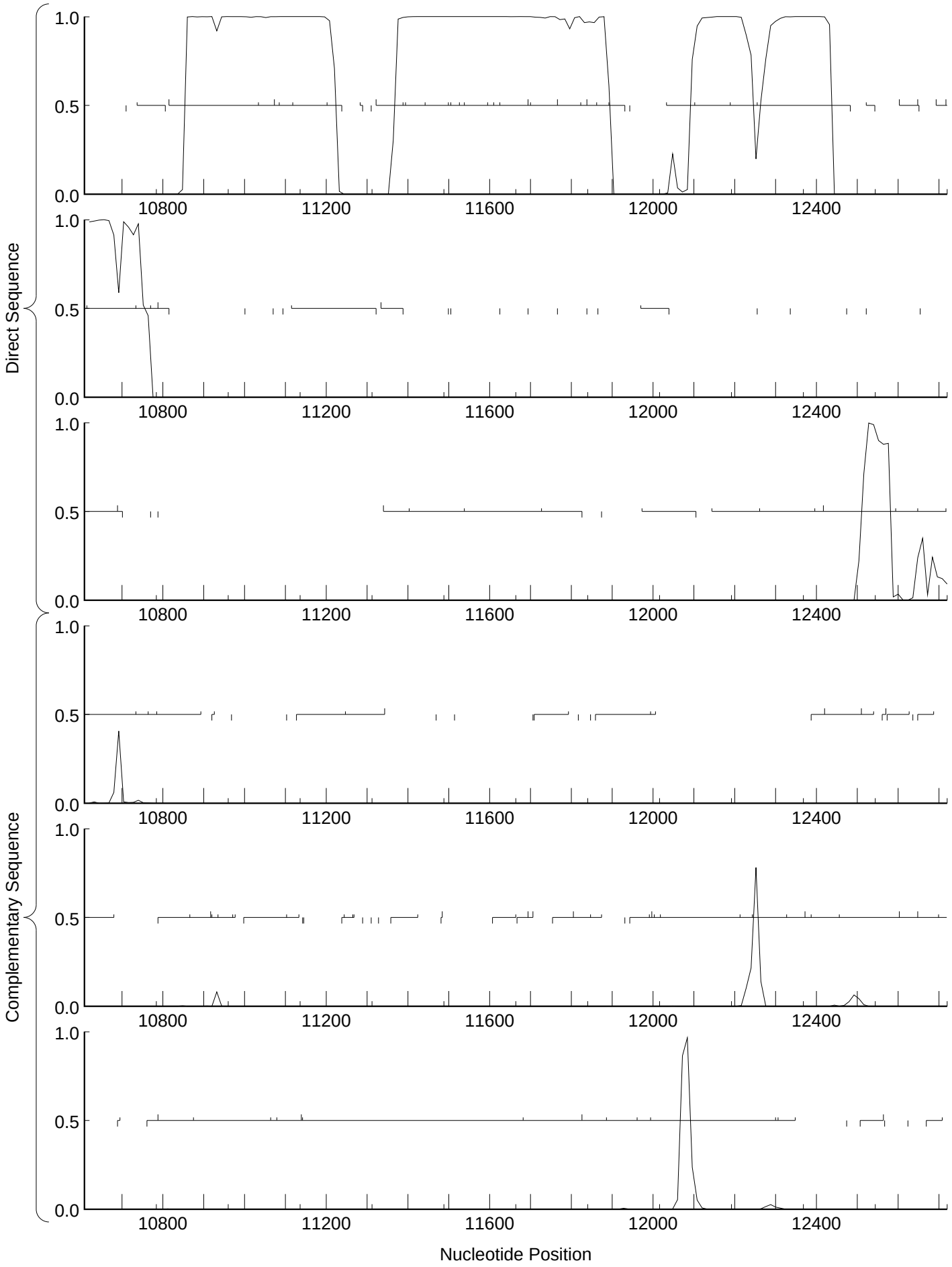
complete sequence, 57858 bp including 11-base 3’ overhang (CTCGCGGCCAT), Cluster K4, Order 4, Window 96, Step 12, 5/29



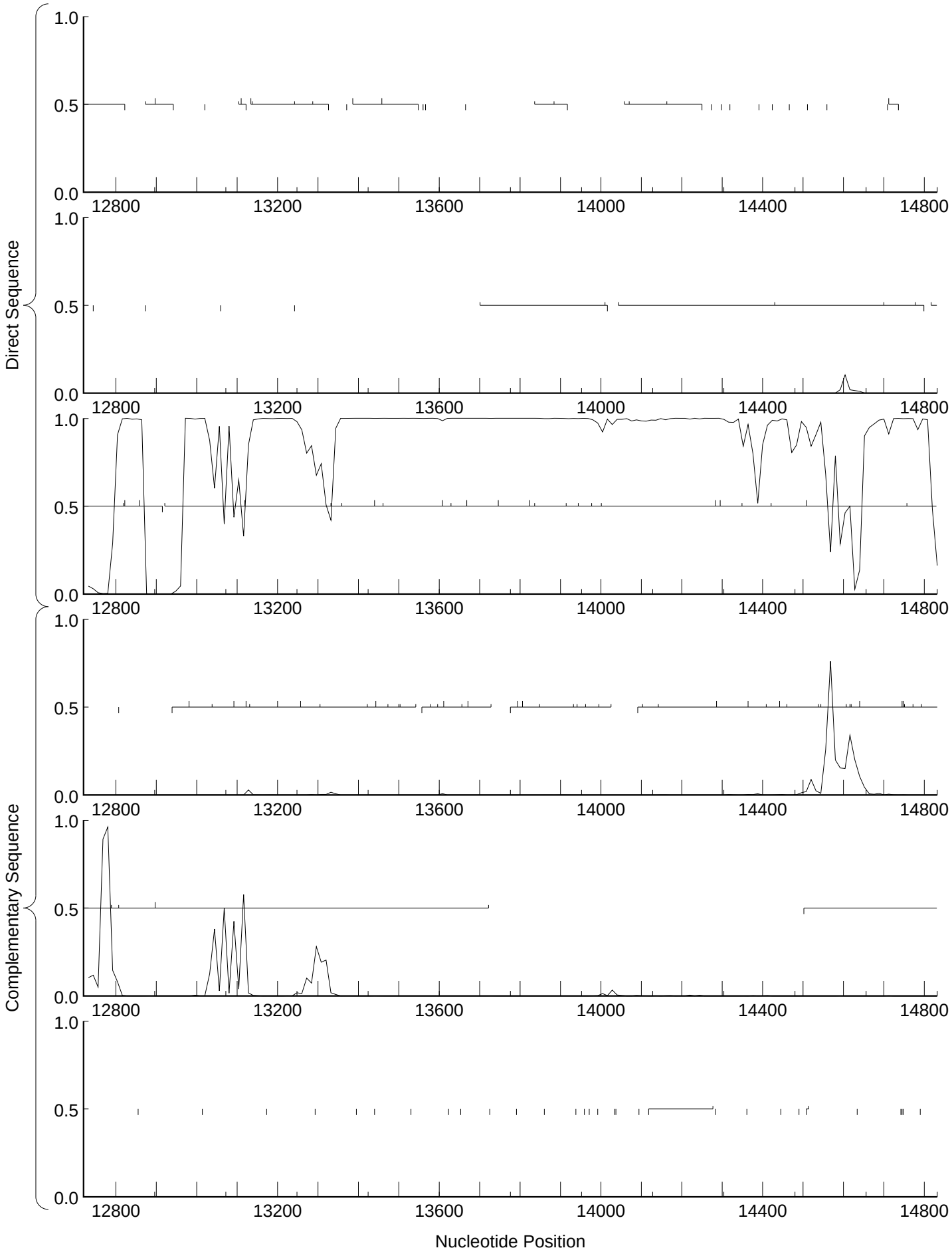
complete sequence, 57858 bp including 11-base 3’ overhang (CTCGCGGCCAT), Cluster K4, Order 4, Window 96, Step 12, 6/29



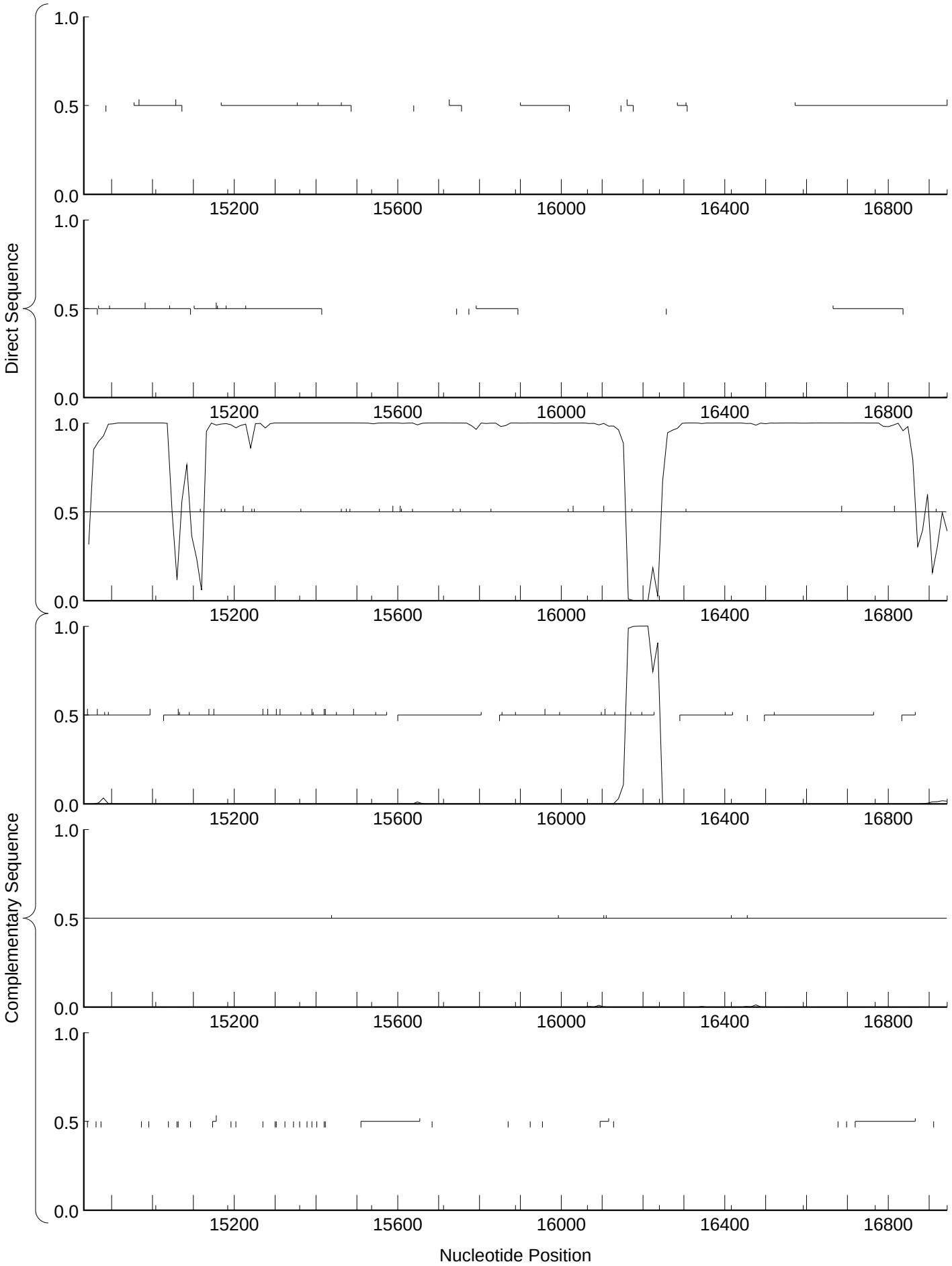
complete sequence, 57858 bp including 11-base 3’ overhang (CTCGCGGCCAT), Cluster K4, Order 4, Window 96, Step 12, 7/29

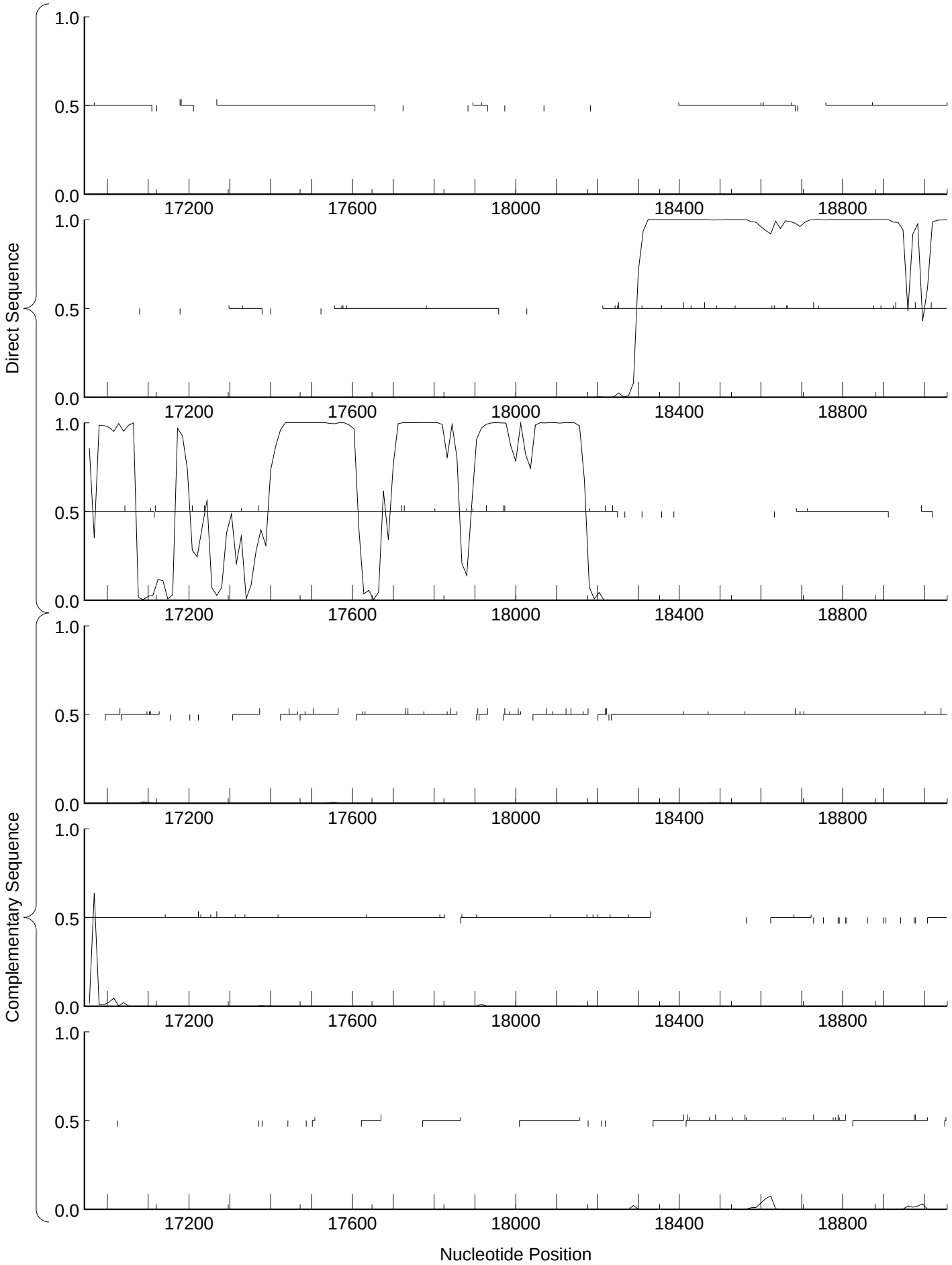


complete sequence, 57858 bp including 11-base 3’ overhang (CTCGCGGCCAT), Cluster K4, Order 4, Window 96, Step 12, 8/29

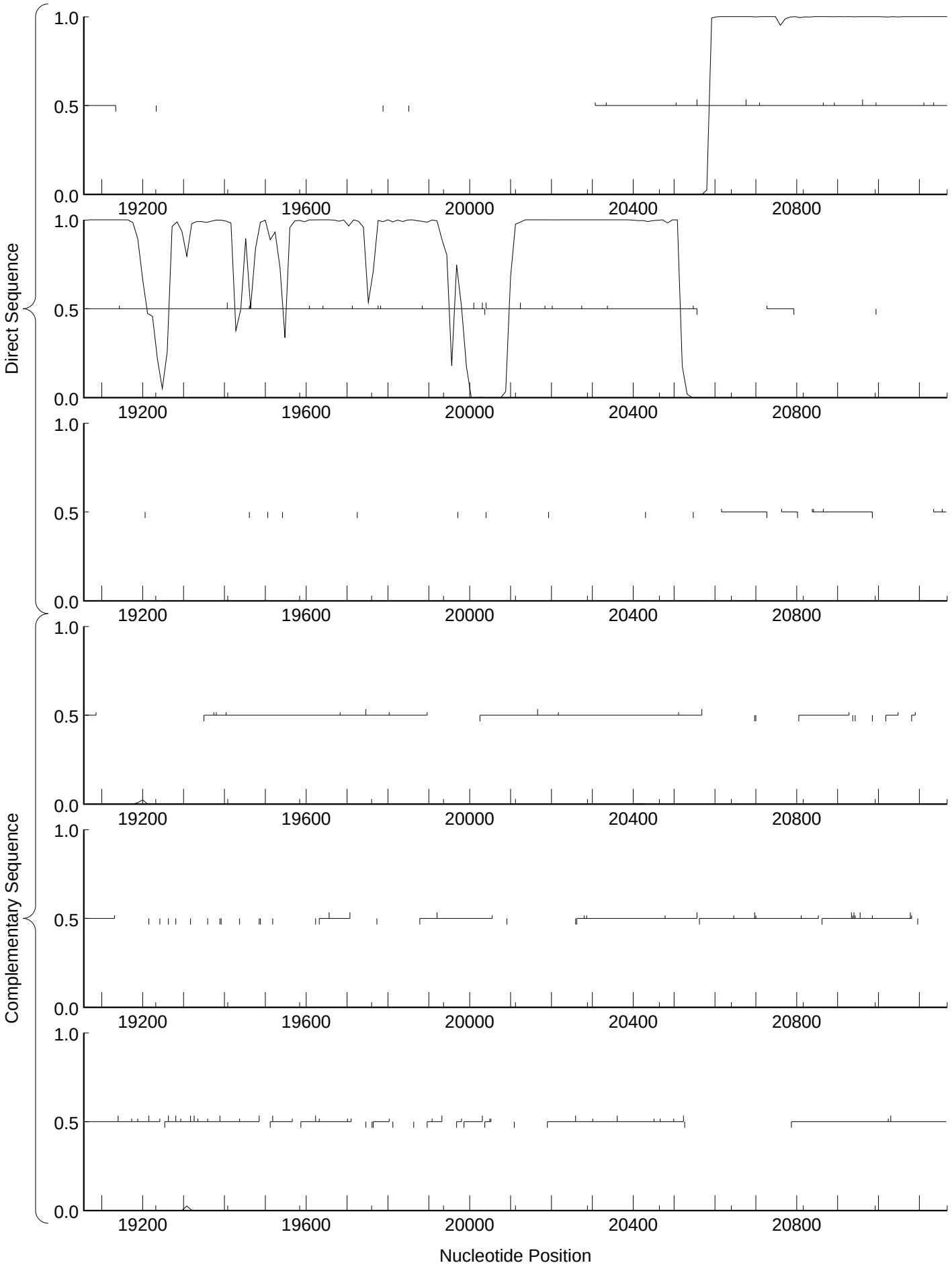


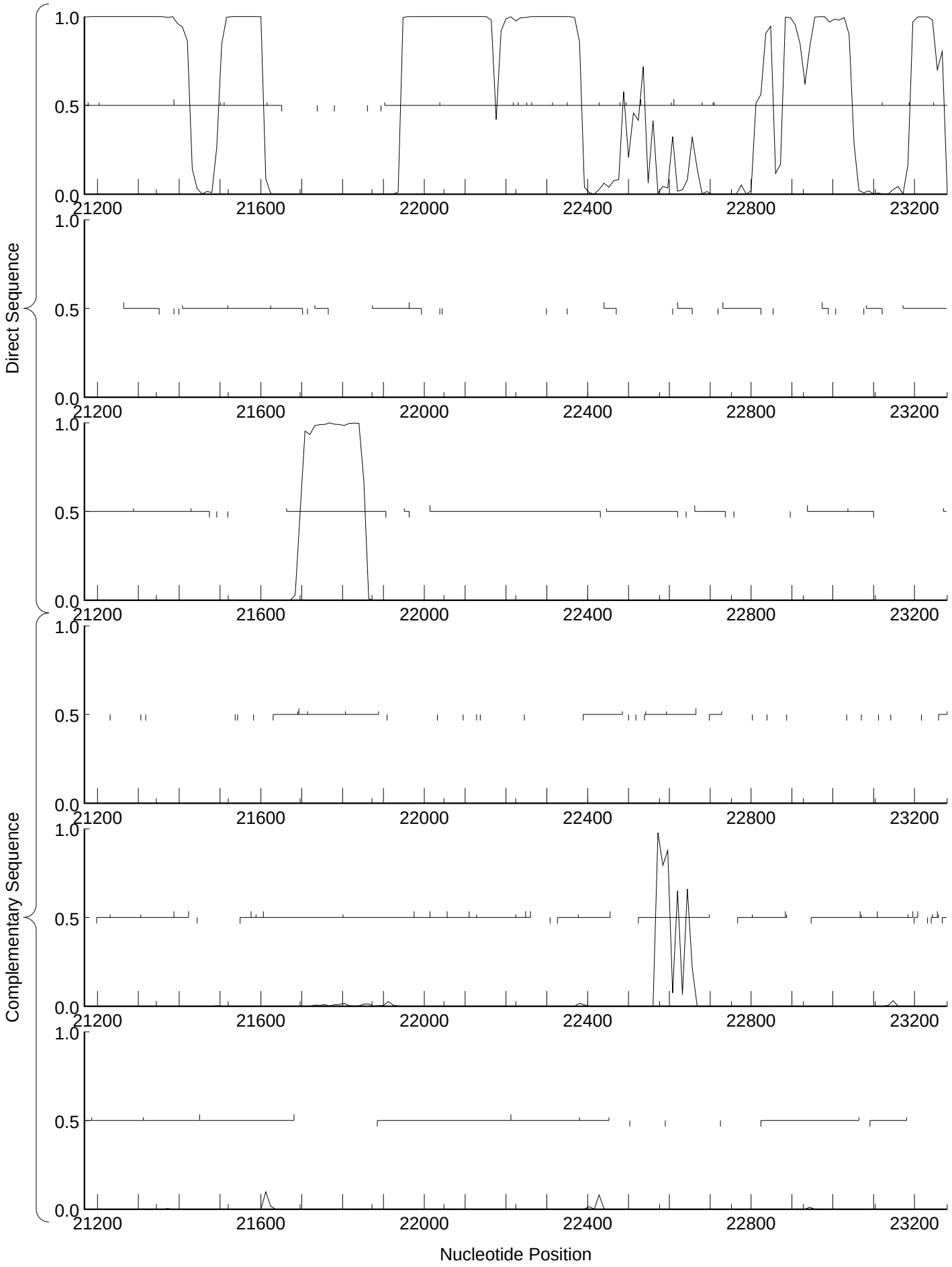
complete sequence, 57858 bp including 11-base 3’ overhang (CTCGCGGCCAT), Cluster K4, Order 4, Window 96, Step 12, 9/29



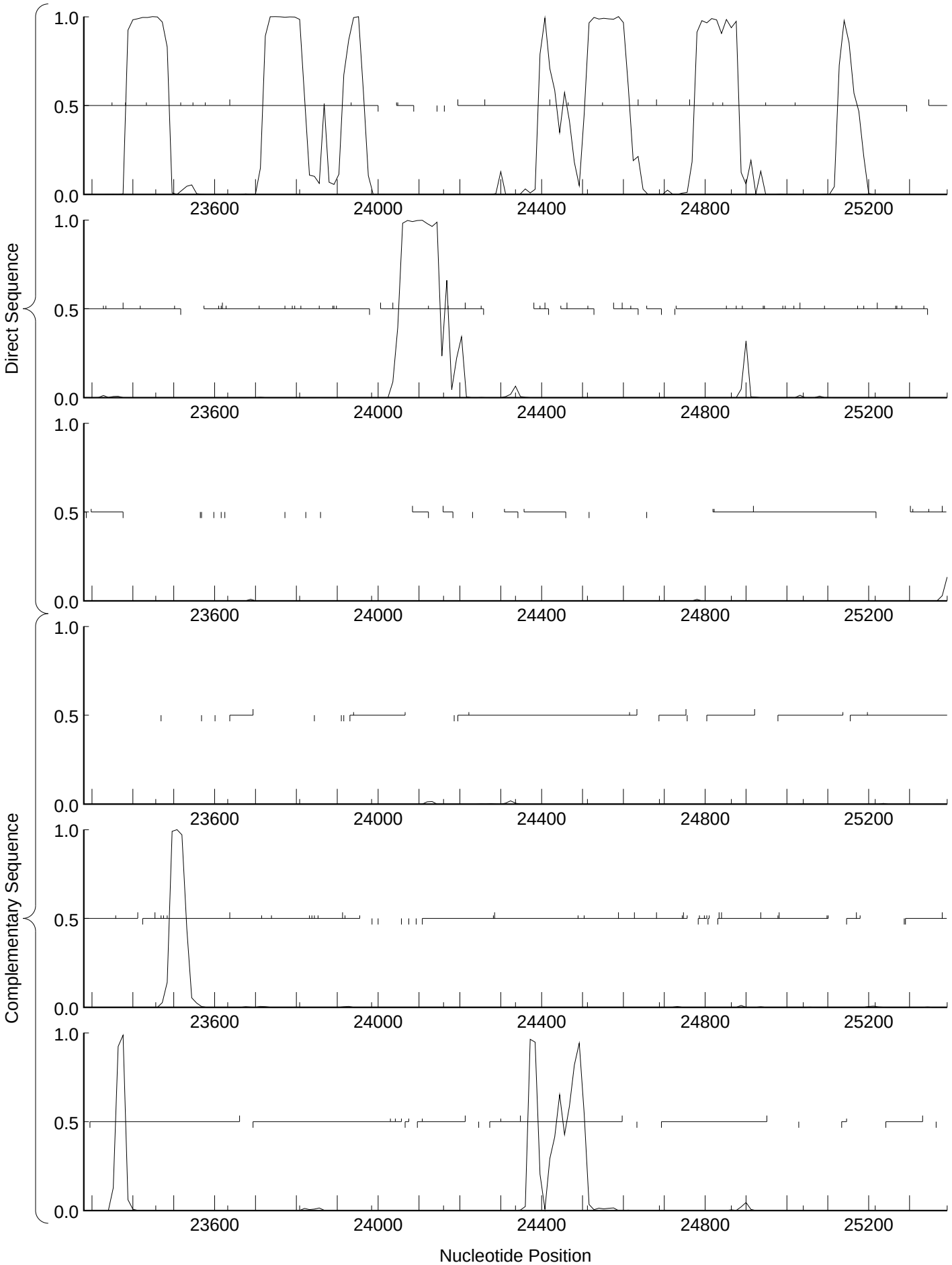

Direct Sequence
Complementary Sequence
1.0
0.5
0.0
17200
17600
18000
18400
18800
Nucleotide Position

complete sequence, 57858 bp including 11-base 3' overhang (CTCGCGGCCAT), Cluster K4, Order 4, Window 96, Step 12, 11/29

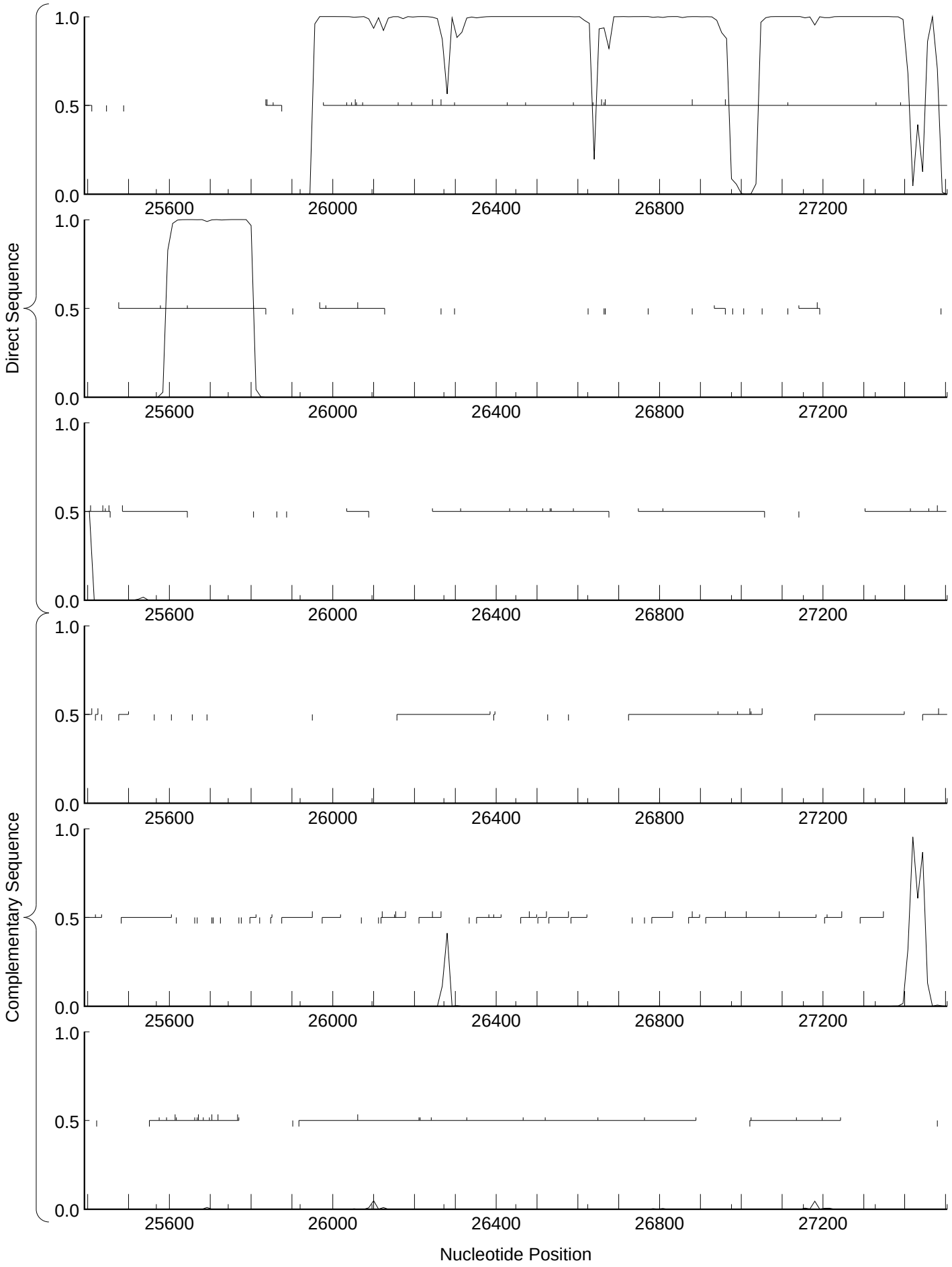



Direct Sequence
Complementary Sequence
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0.5
0.0
21200
21600
22000
22400
22800
23200
Nucleotide Position

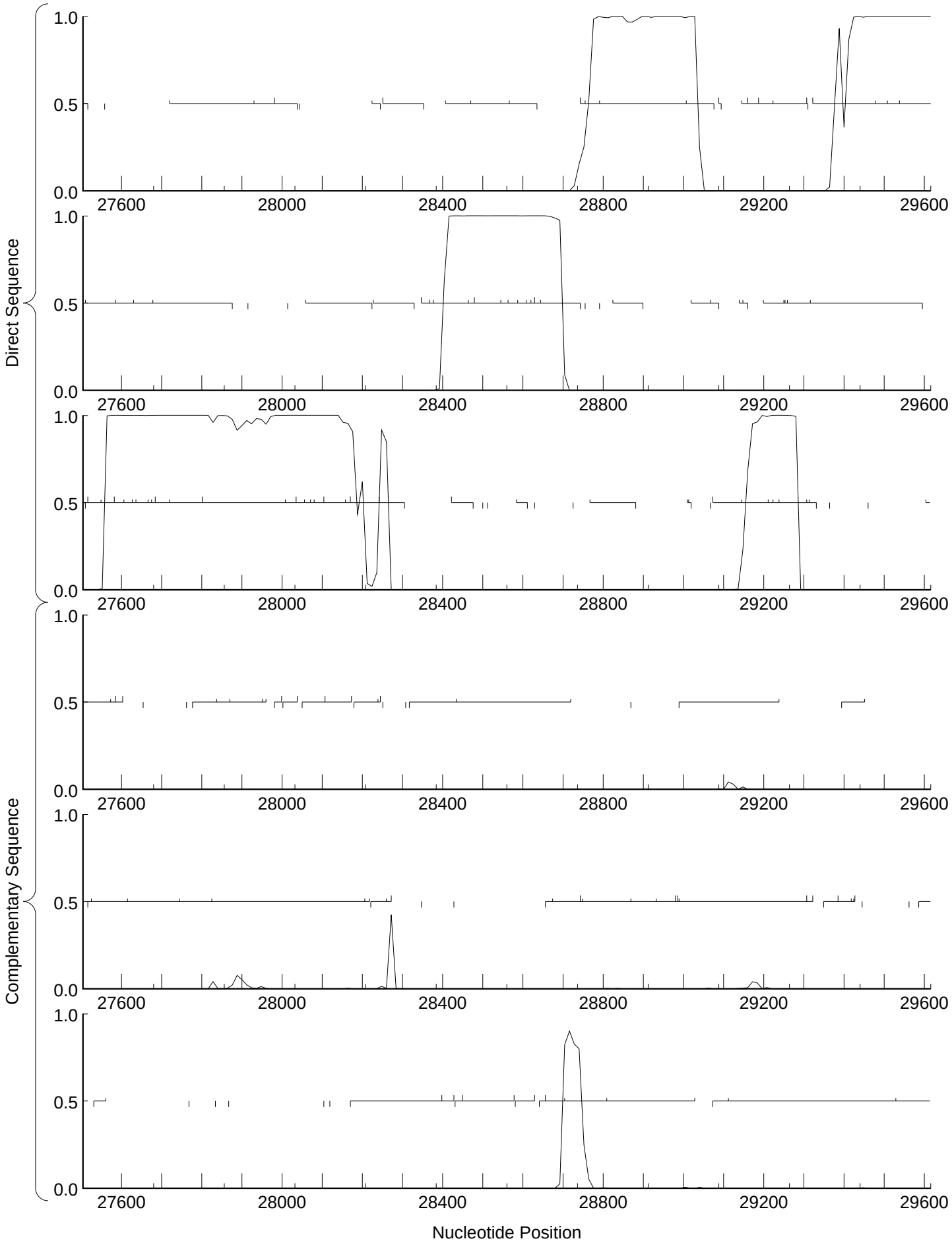
complete sequence, 57858 bp including 11-base 3' overhang (CTCGCGGCCAT), Cluster K4, Order 4, Window 96, Step 12, 13/29

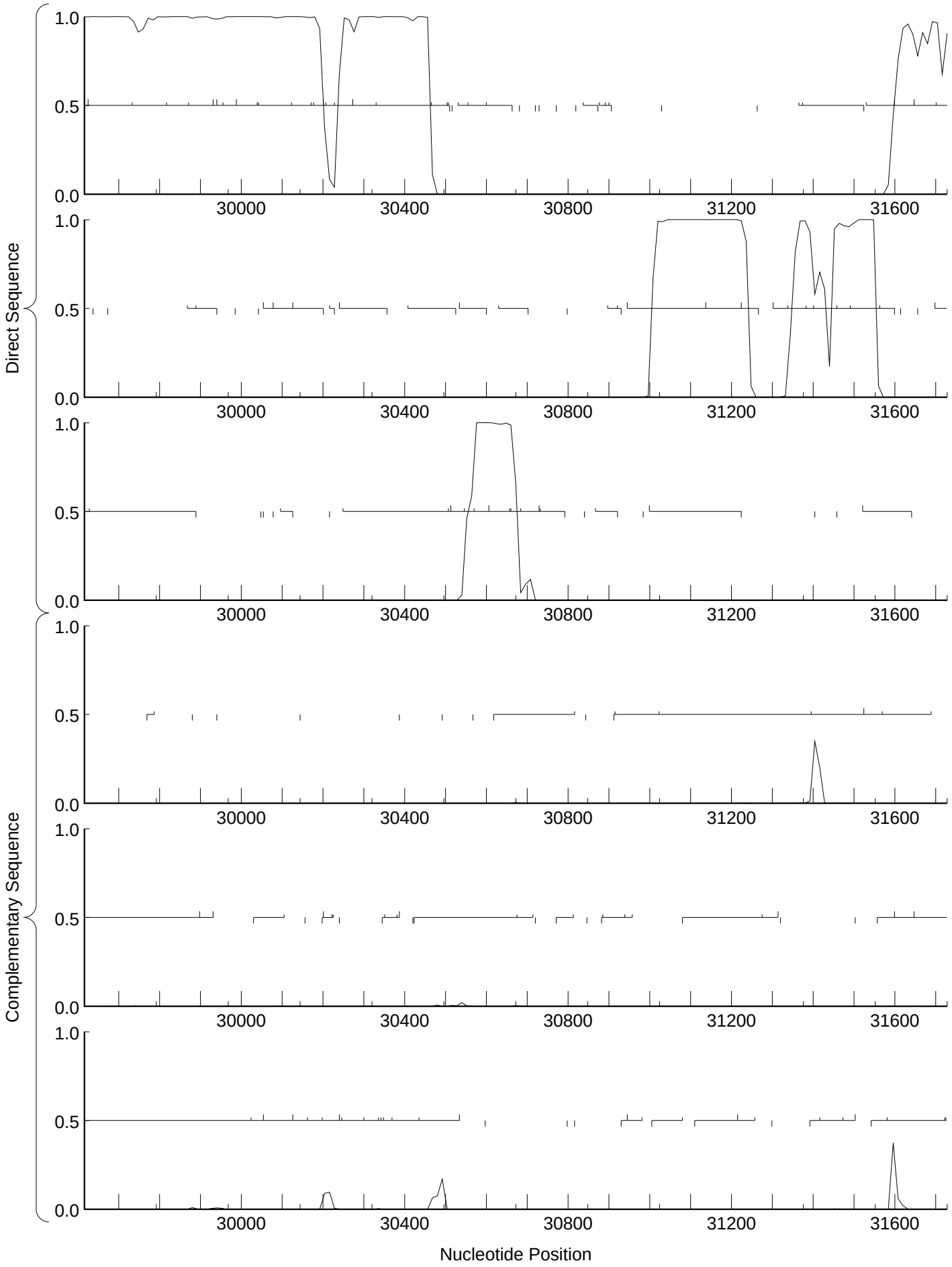


complete sequence, 57858 bp including 11-base 3' overhang (CTCGCGGCCAT), Cluster K4, Order 4, Window 96, Step 12, 14/29

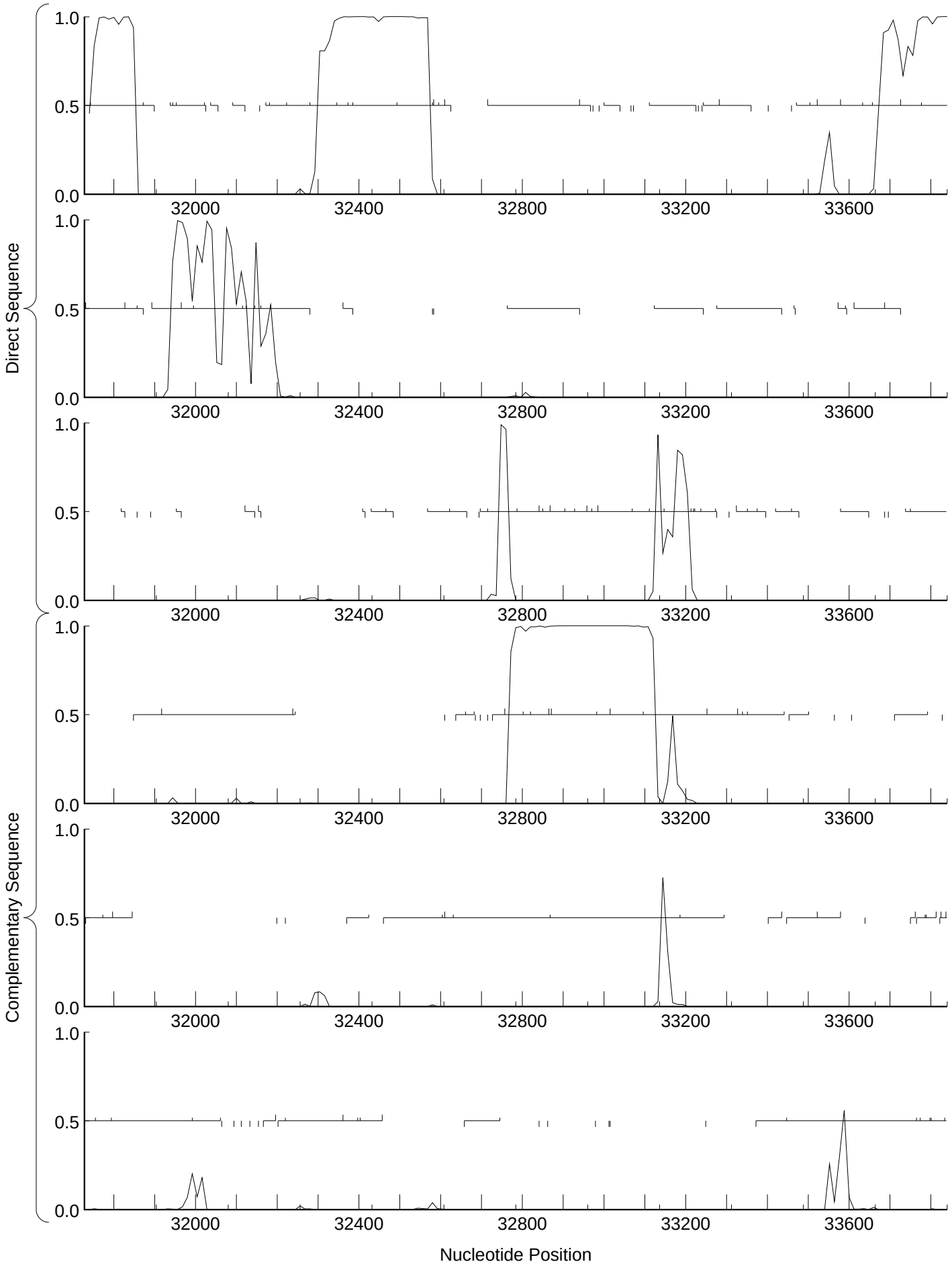


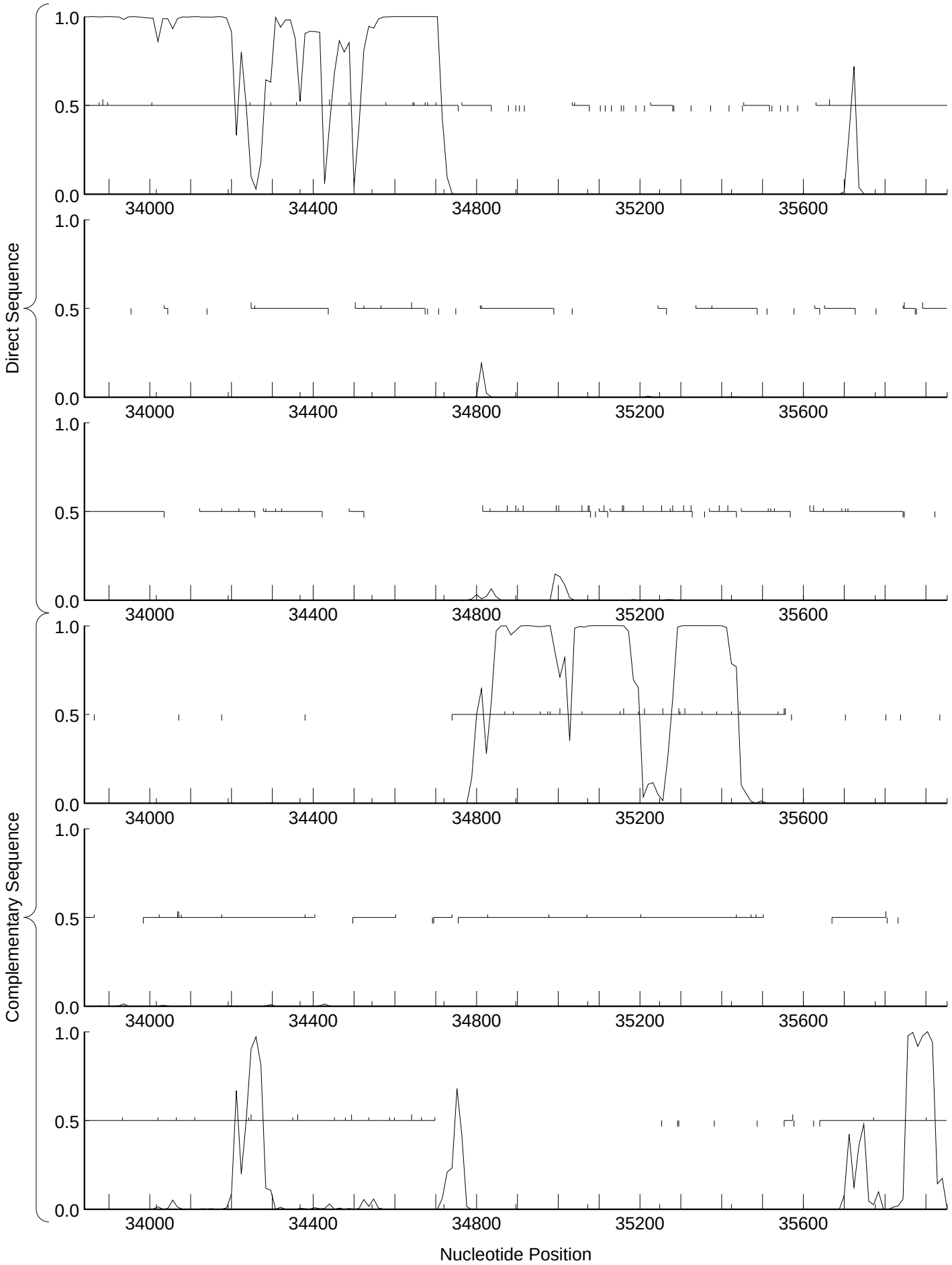
complete sequence, 57858 bp including 11-base 3’ overhang (CTCGCGGCCAT), Cluster K4, Order 4, Window 96, Step 12, 15/29



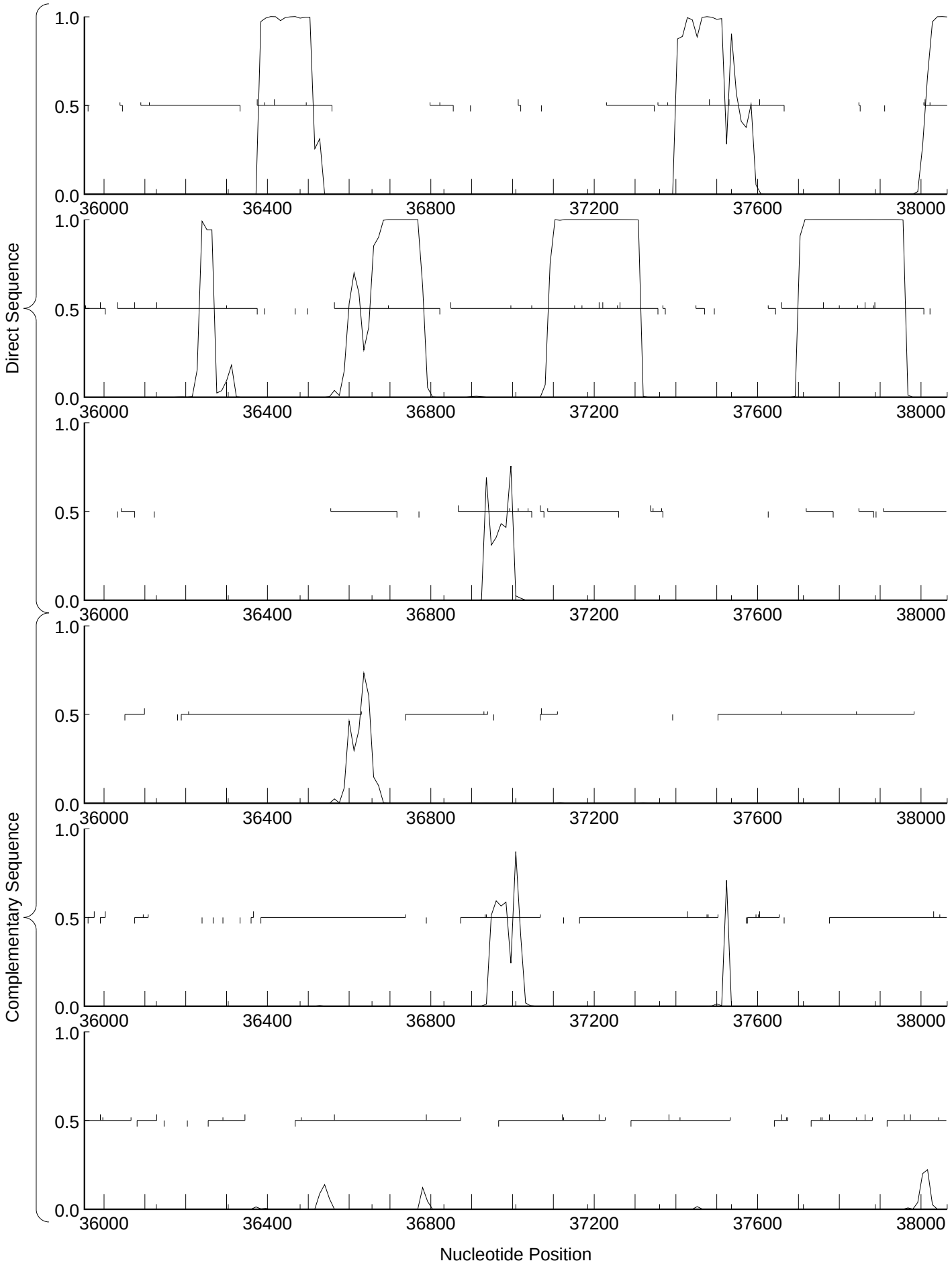

Direct Sequence
Complementary Sequence
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0.5
0.0
30000
30400
30800
31200
31600
Nucleotide Position

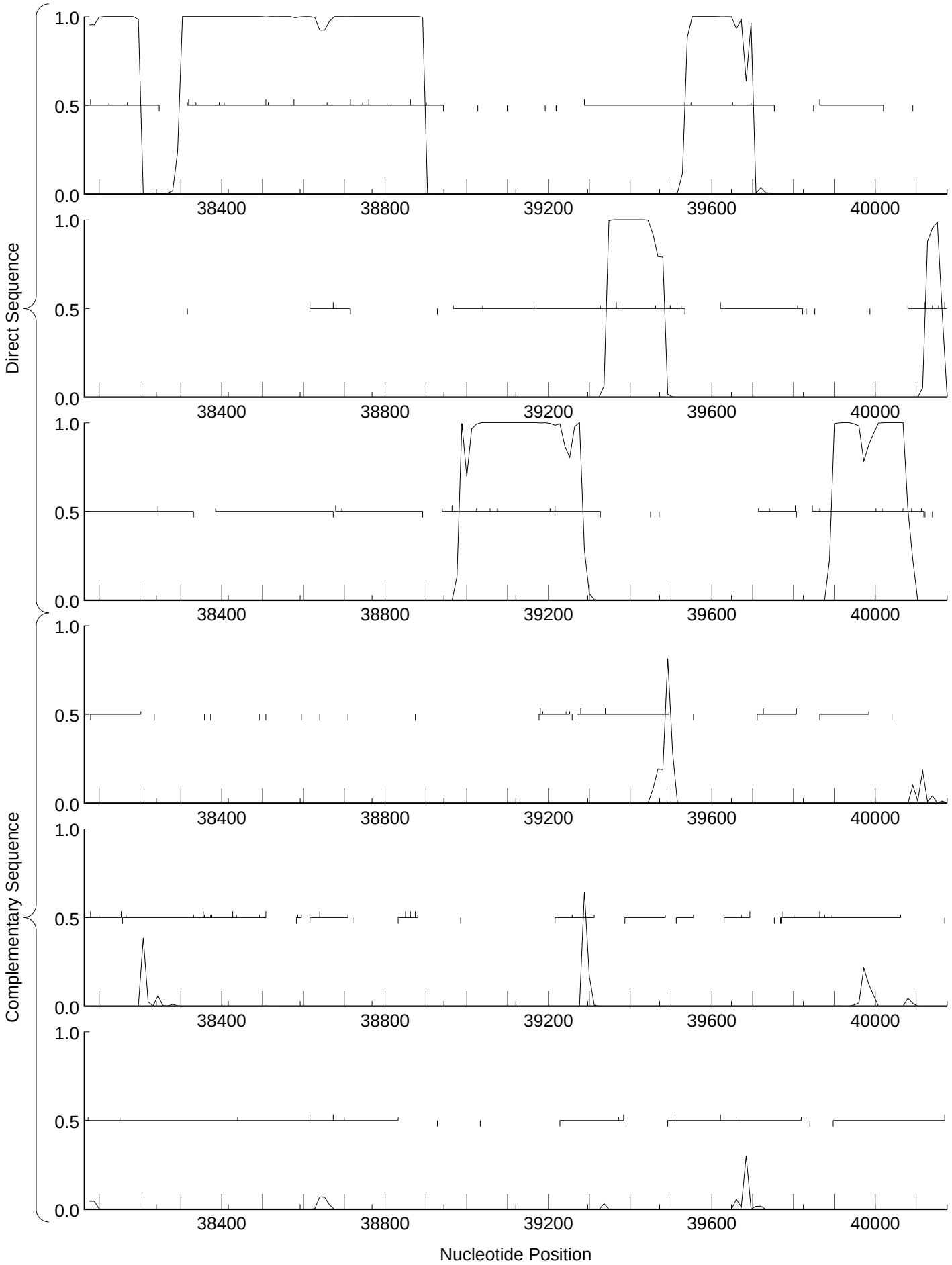
complete sequence, 57858 bp including 11-base 3’ overhang (CTCGCGGCCAT), Cluster K4, Order 4, Window 96, Step 12, 17/29



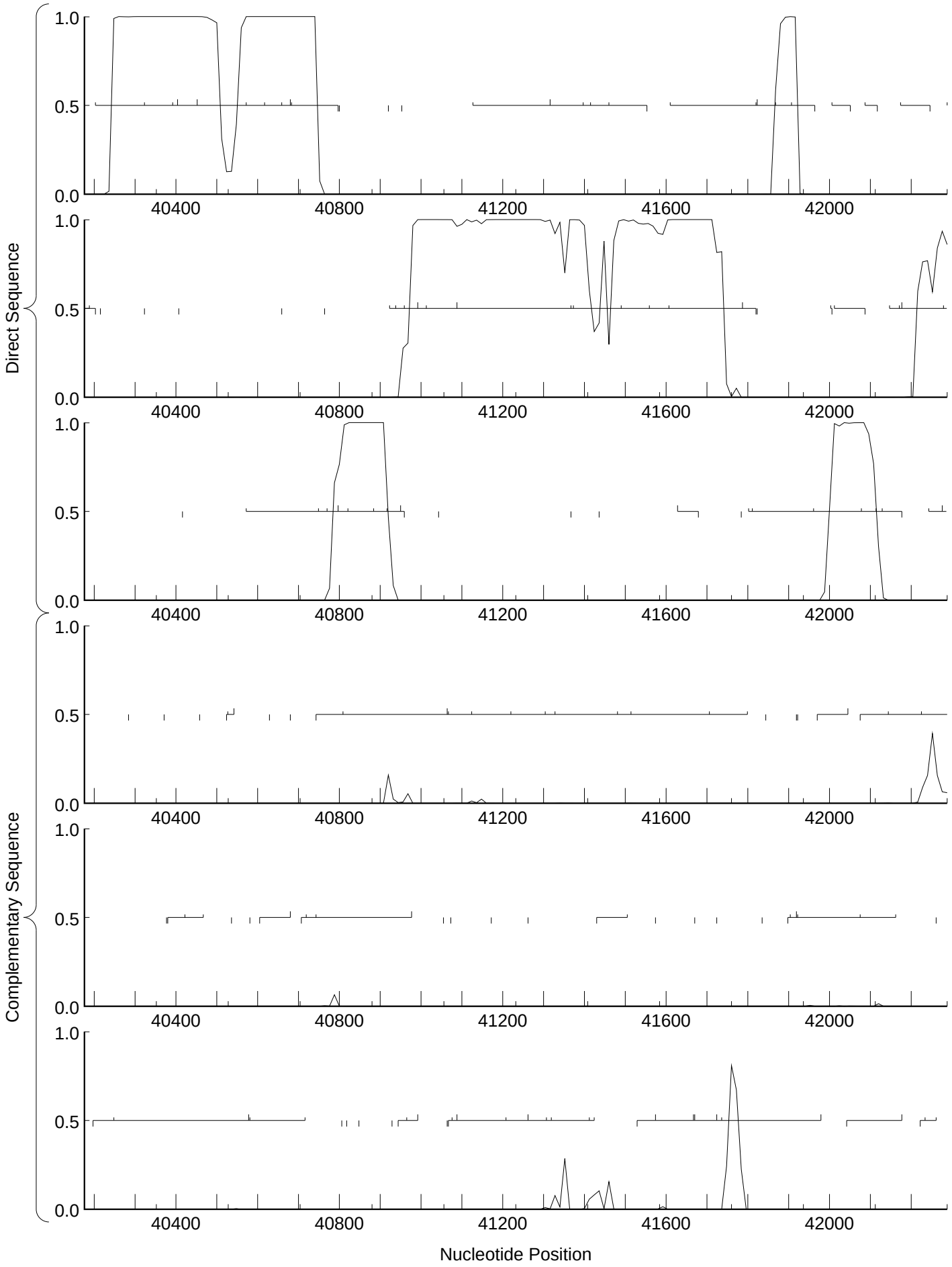

Direct Sequence
Complementary Sequence
1.0
0.5
0.0
34000
34400
34800
35200
35600
Nucleotide Position

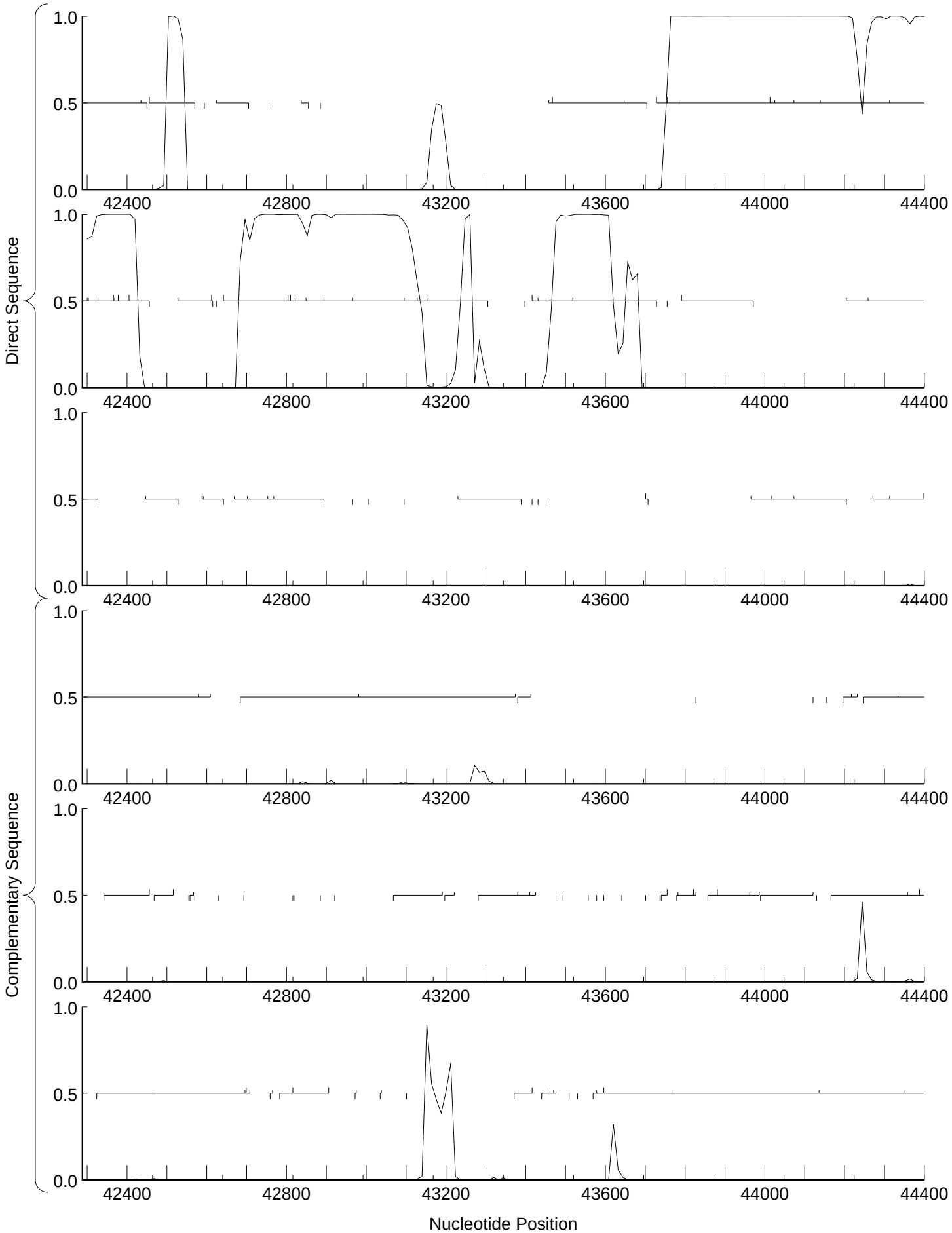
complete sequence, 57858 bp including 11-base 3' overhang (CTCGCGGCCAT), Cluster K4, Order 4, Window 96, Step 12, 19/29



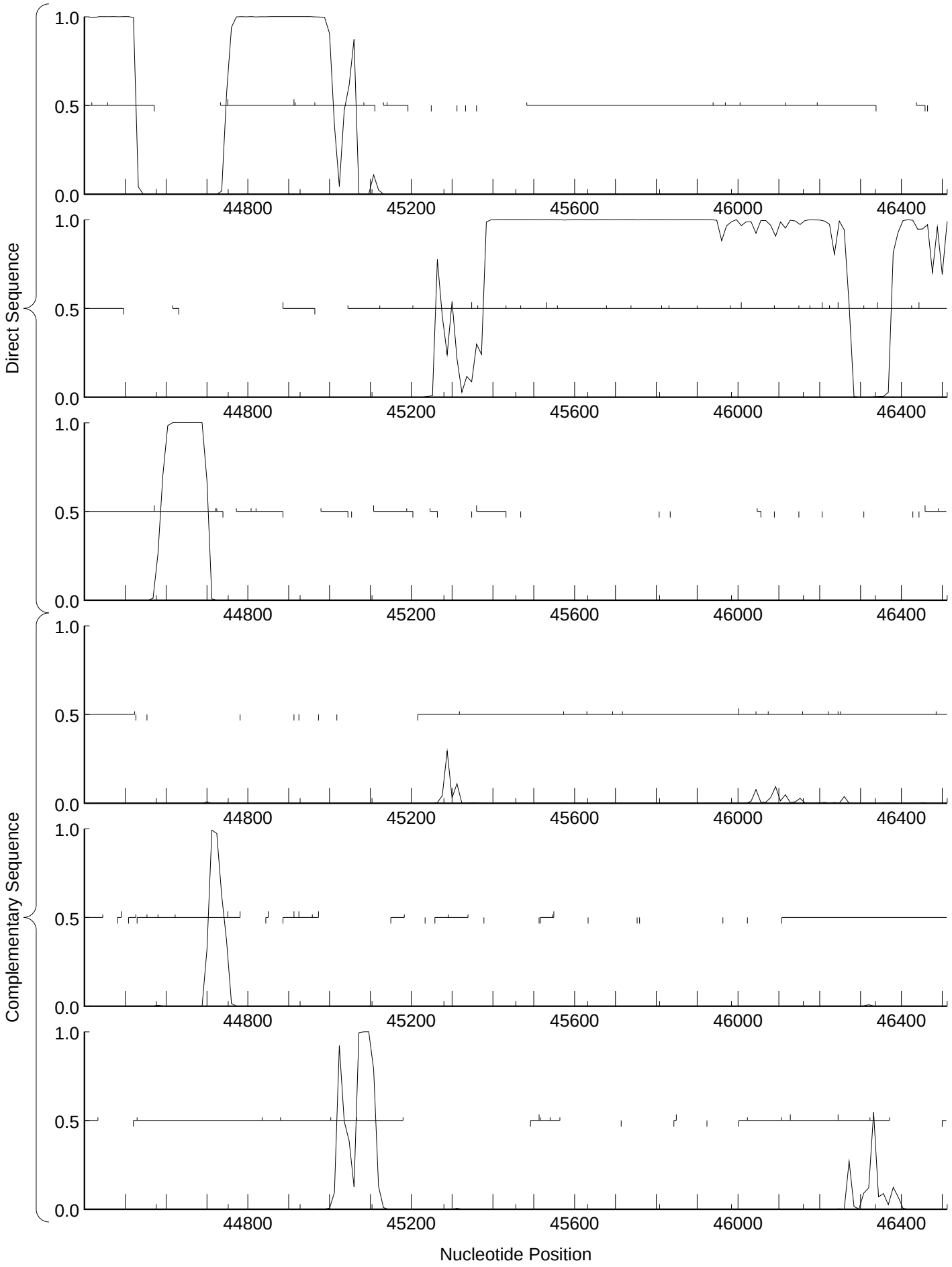

Direct Sequence
Complementary Sequence
1.0
0.5
0.0
38400
38800
39200
39600
40000
Nucleotide Position

complete sequence, 57858 bp including 11-base 3' overhang (CTCGCGGCCAT), Cluster K4, Order 4, Window 96, Step 12, 21/29

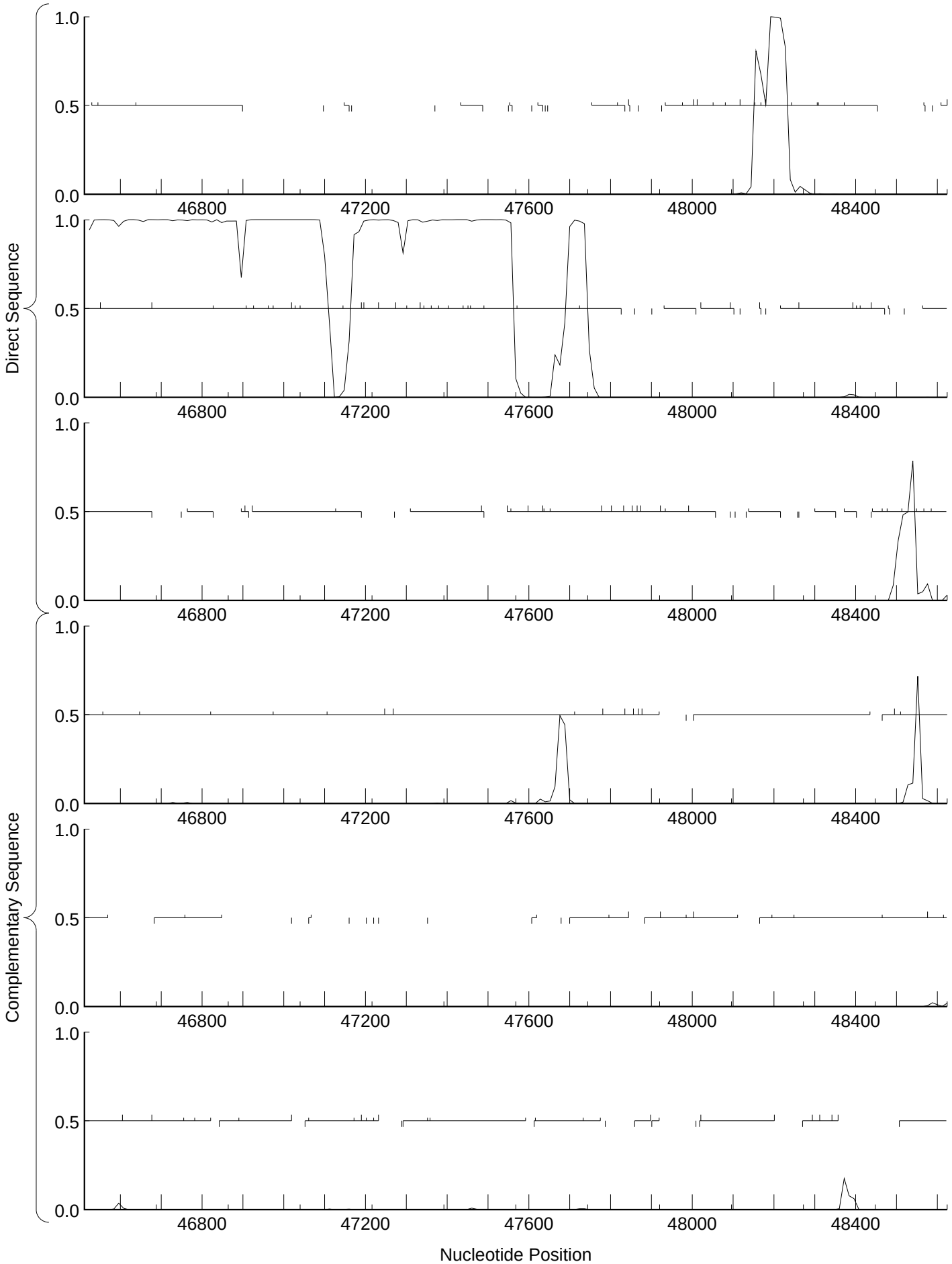


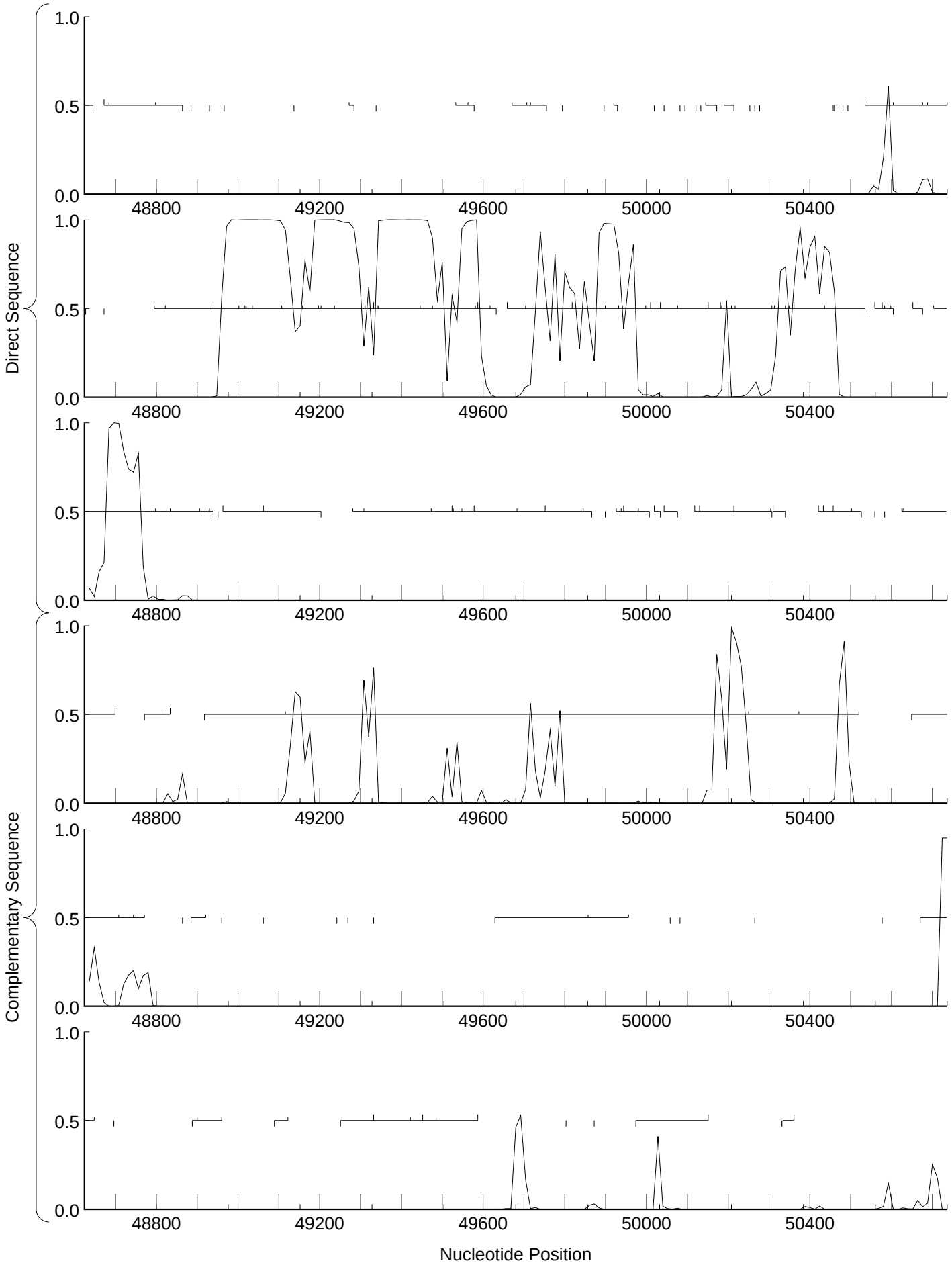

Direct Sequence
Complementary Sequence
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0.5
0.0
42400
42800
43200
43600
44000
44400
Nucleotide Position

complete sequence, 57858 bp including 11-base 3' overhang (CTCGCGGCCAT), Cluster K4, Order 4, Window 96, Step 12, 23/29

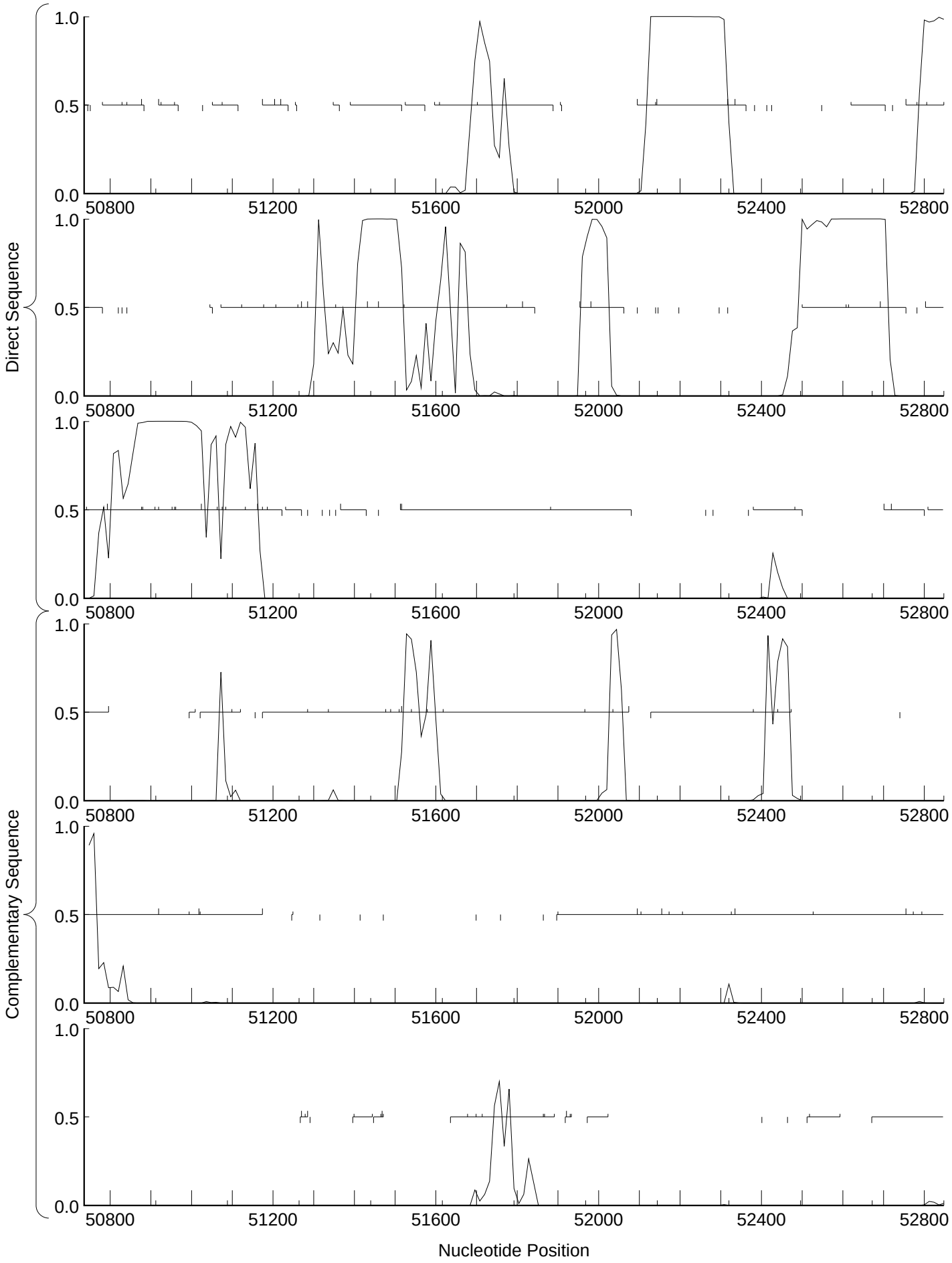


complete sequence, 57858 bp including 11-base 3’ overhang (CTCGCGGCCAT), Cluster K4, Order 4, Window 96, Step 12, 24/29

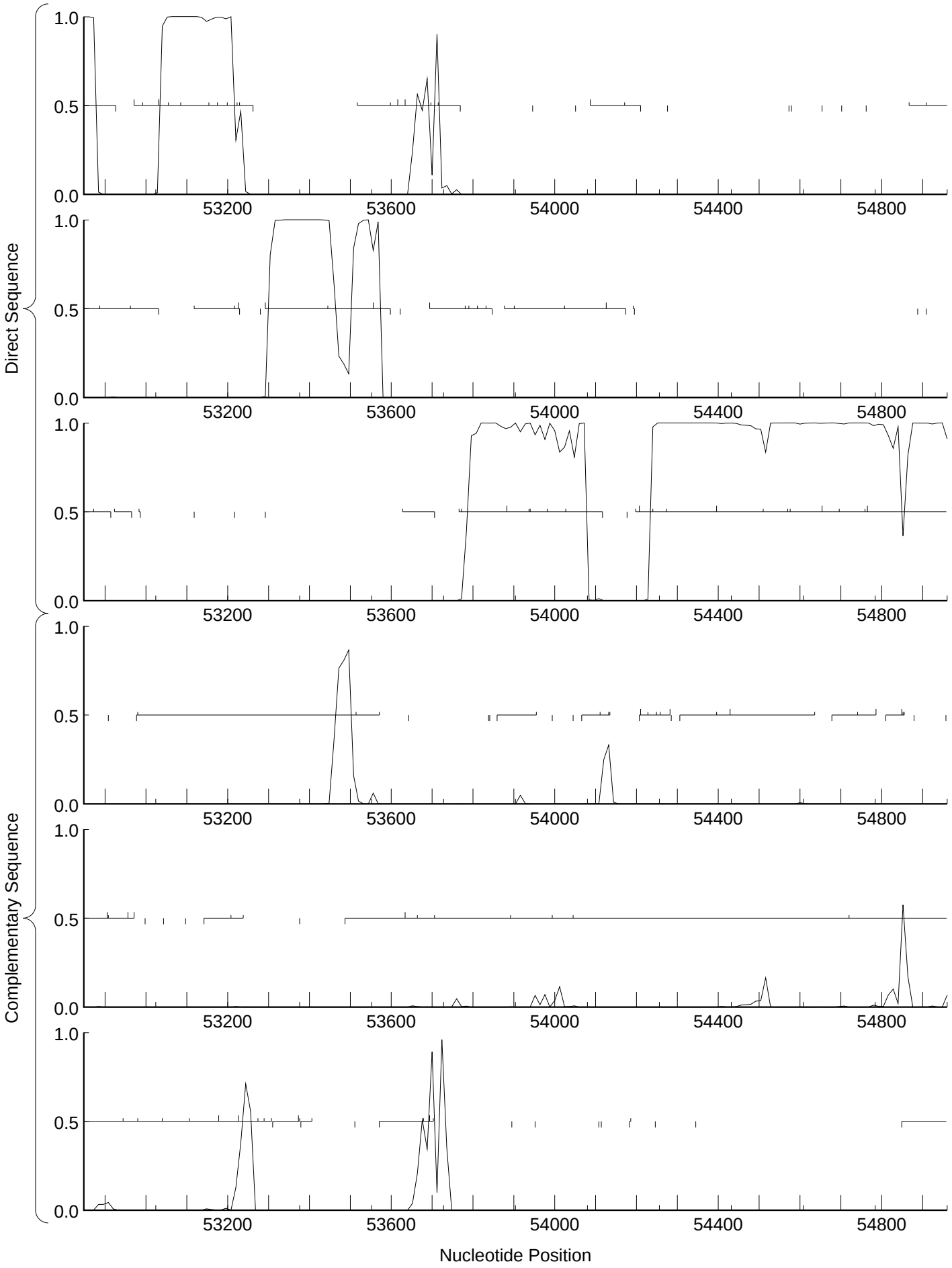


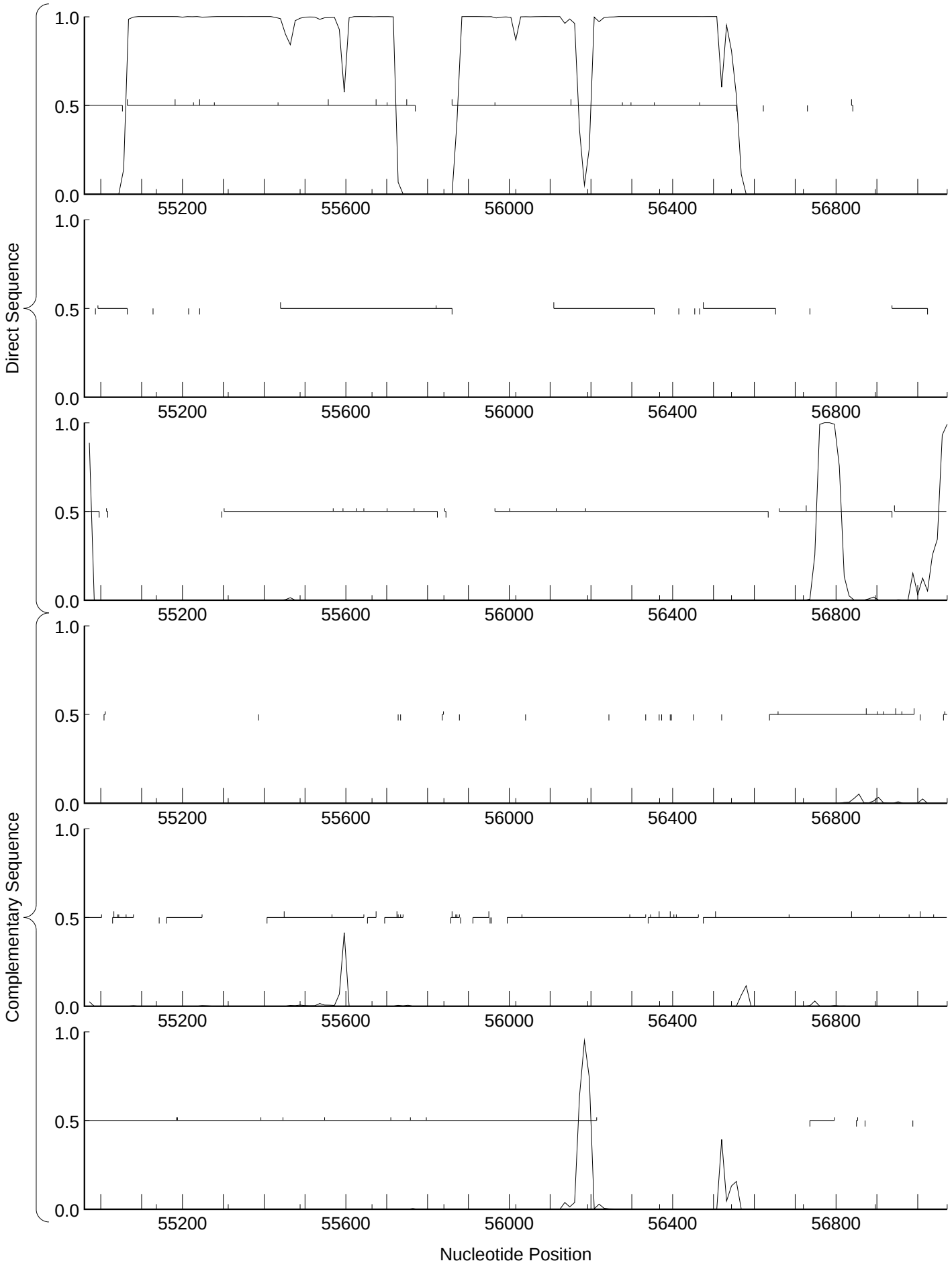

Direct Sequence
Complementary Sequence
1.0
0.5
0.0
48800
49200
49600
50000
50400
Nucleotide Position

complete sequence, 57858 bp including 11-base 3’ overhang (CTCGCGGCCAT), Cluster K4, Order 4, Window 96, Step 12, 26/29



complete sequence, 57858 bp including 11-base 3’ overhang (CTCGCGGCCAT), Cluster K4, Order 4, Window 96, Step 12, 27/29




Direct Sequence
Complementary Sequence
1.0
0.5
0.0
55200
55600
56000
56400
56800
Nucleotide Position

complete sequence, 57858 bp including 11-base 3’ overhang (CTCGCGGCCAT), Cluster K4, Order 4, Window 96, Step 12, 29/29

