GeneMark

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

PROGRAM INFORMATION

```
Sequence         :  BS09819
Analysis Date    :  9/9/19 at 5:54:06
Pages            :  8
Sequence Length  :  14616 bp
GC Content       :   37.49%

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

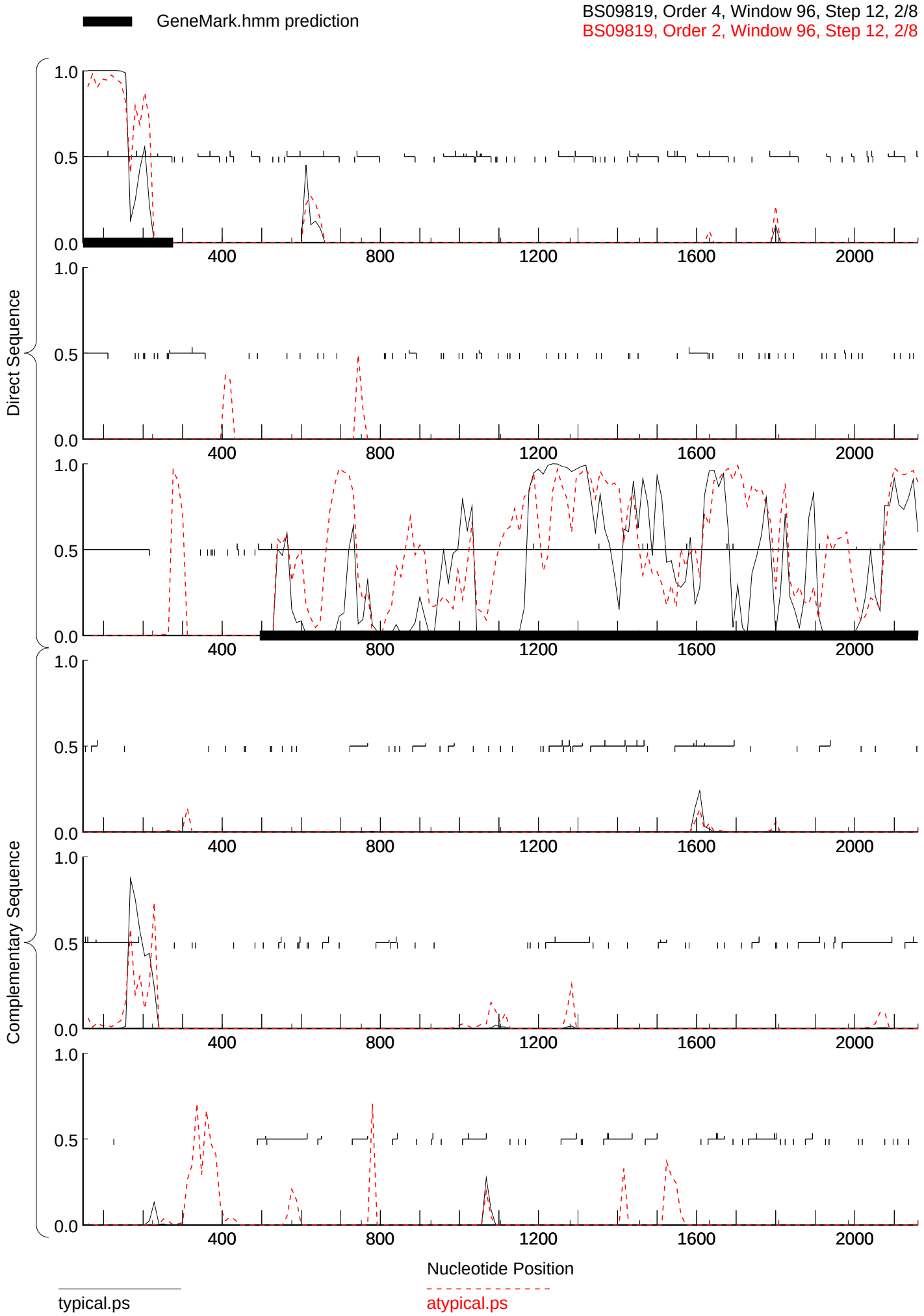
```
Matrix     :  Bacillus_subtilis_168
Author     :  -

Order      :  4
```

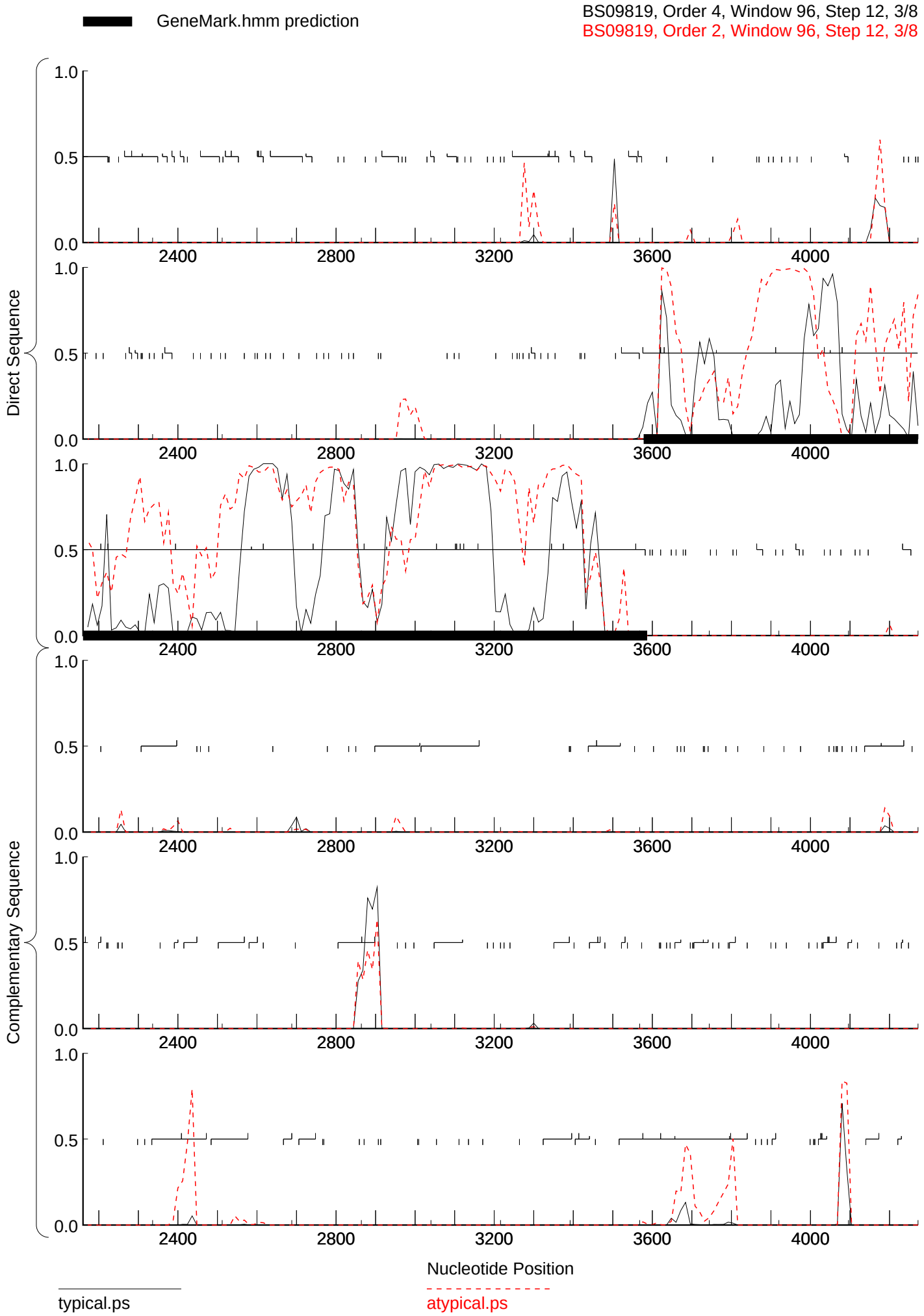

```
  Send questions / comments to:
      Dr. M. Borodovsky
      Georgia Institute of Technology
      School of Biology
      Atlanta, GA  30332-0230
```

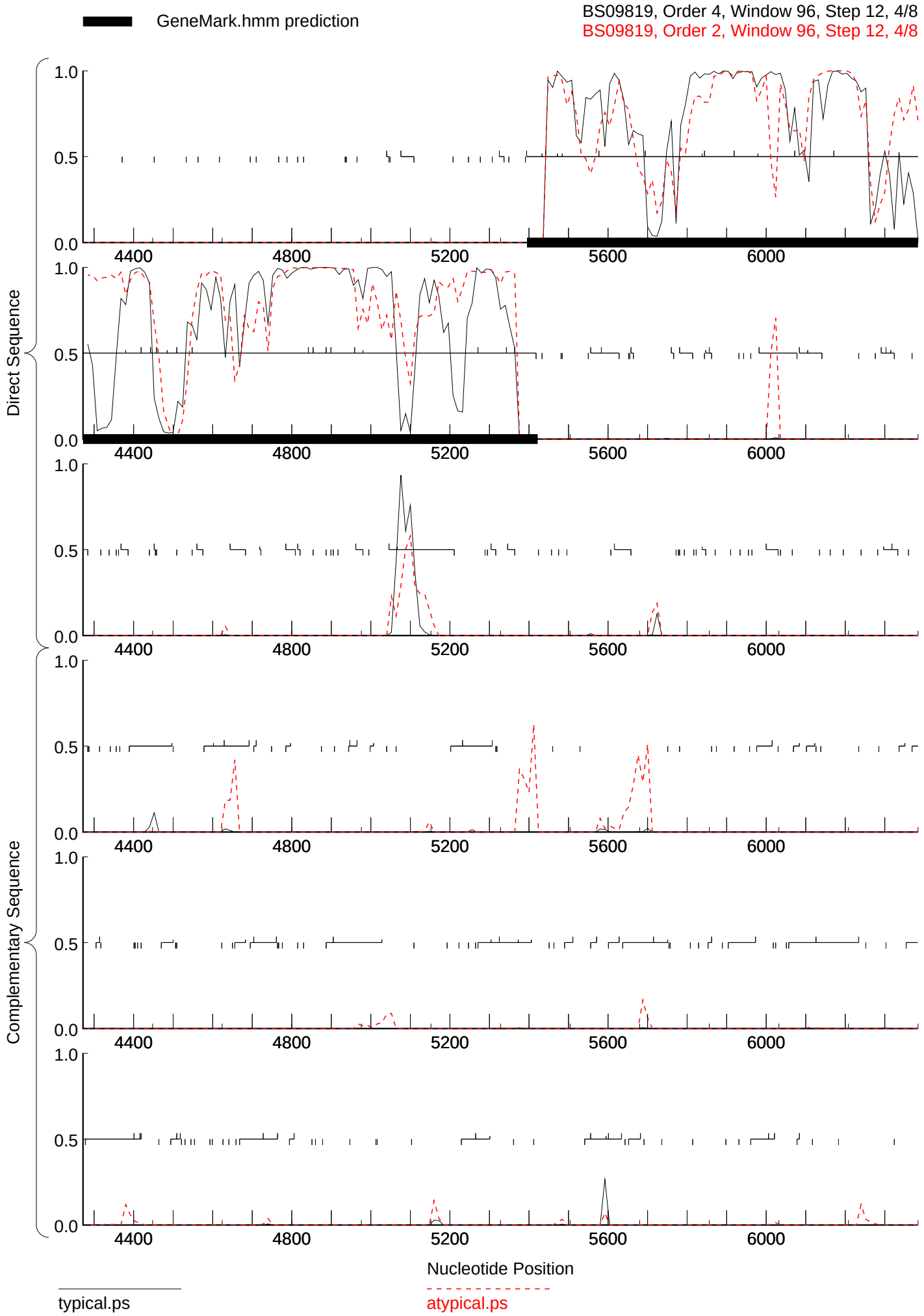

Matrix notes & comments

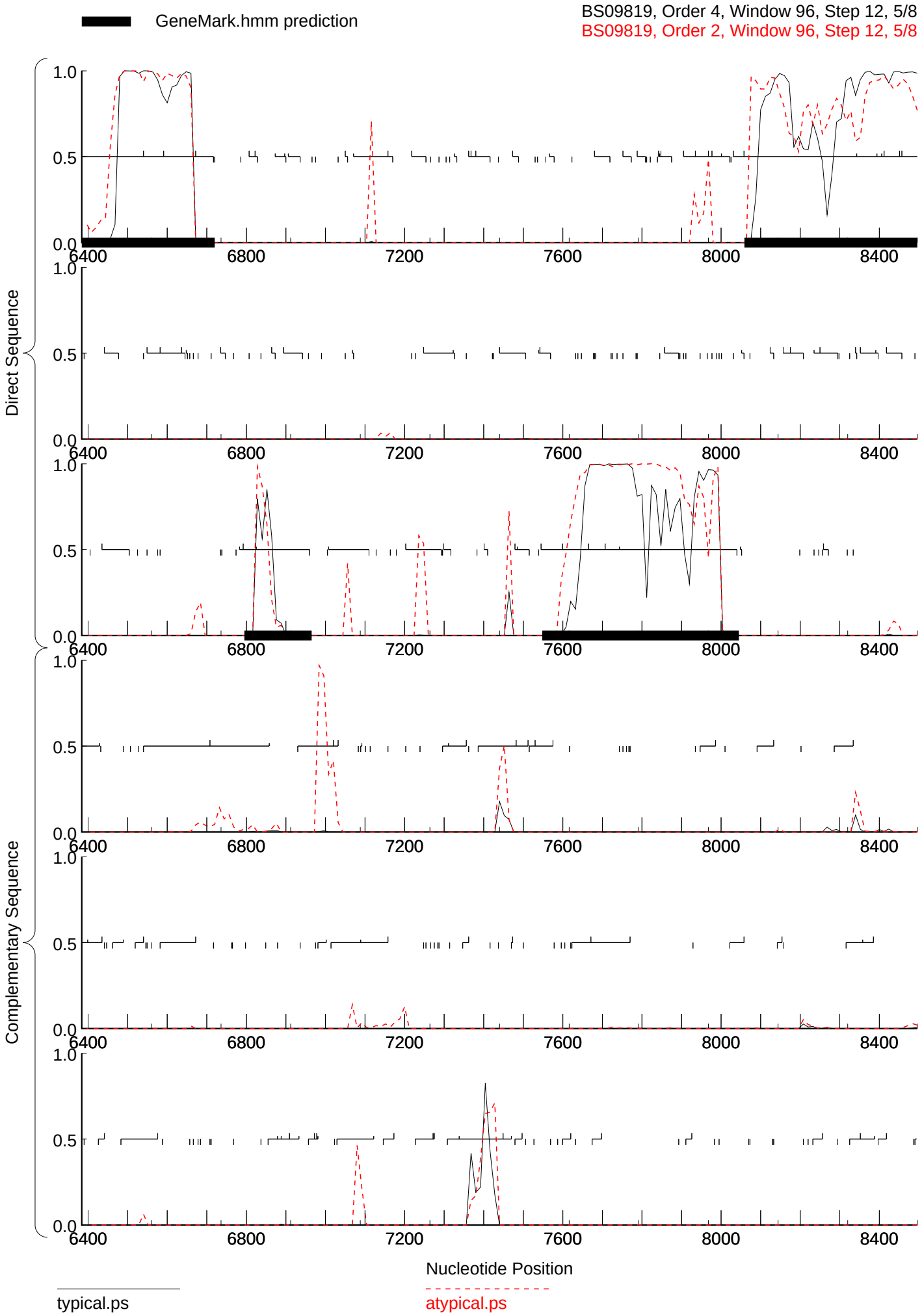
Training set derived by GeneMarkS, 4.25 June 2014
Tue Sep 23 14:45:03 2014

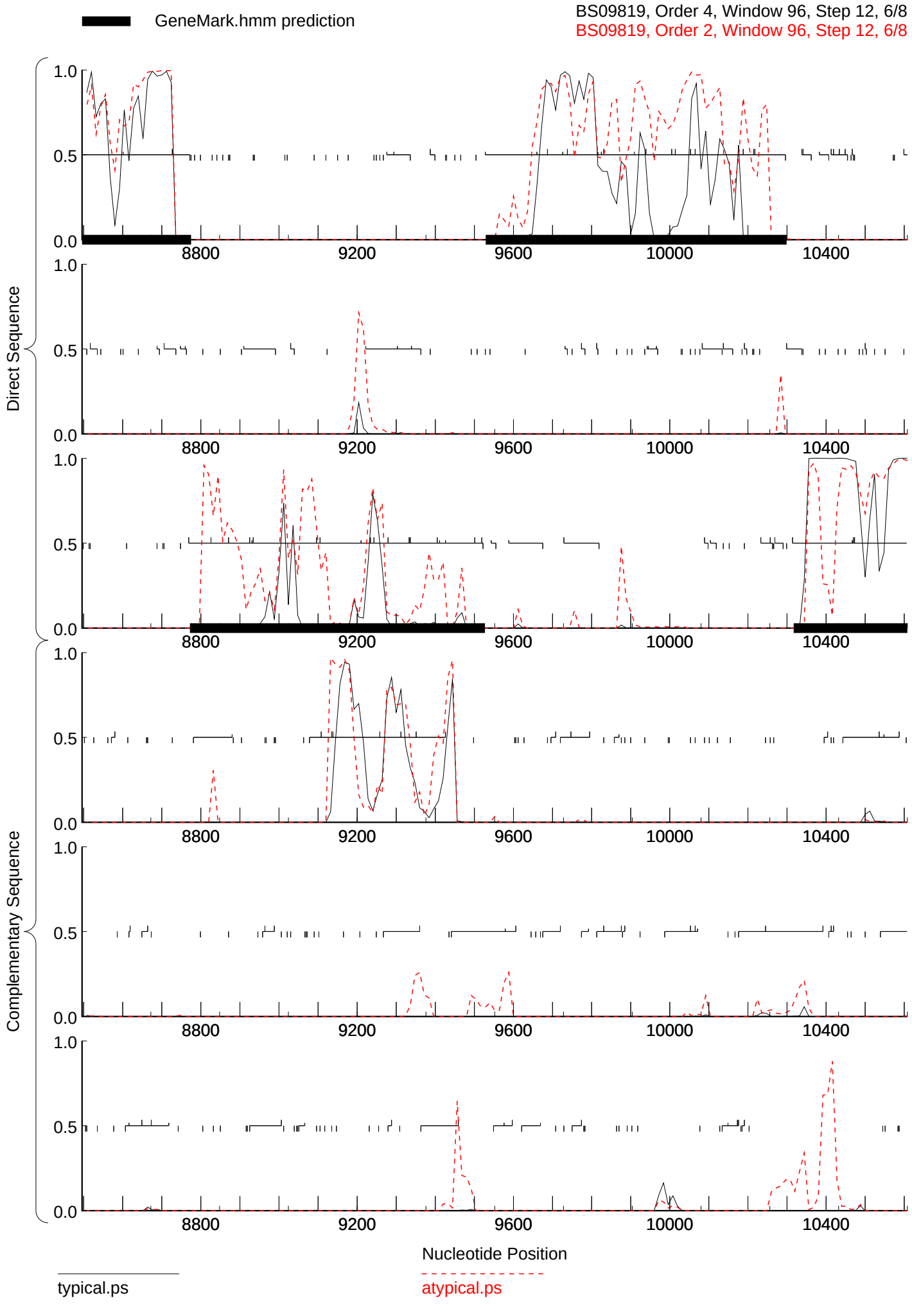
For help or information, send electronic mail to: custserv@genepro.com, or mark@amber.biology.gatech.edu

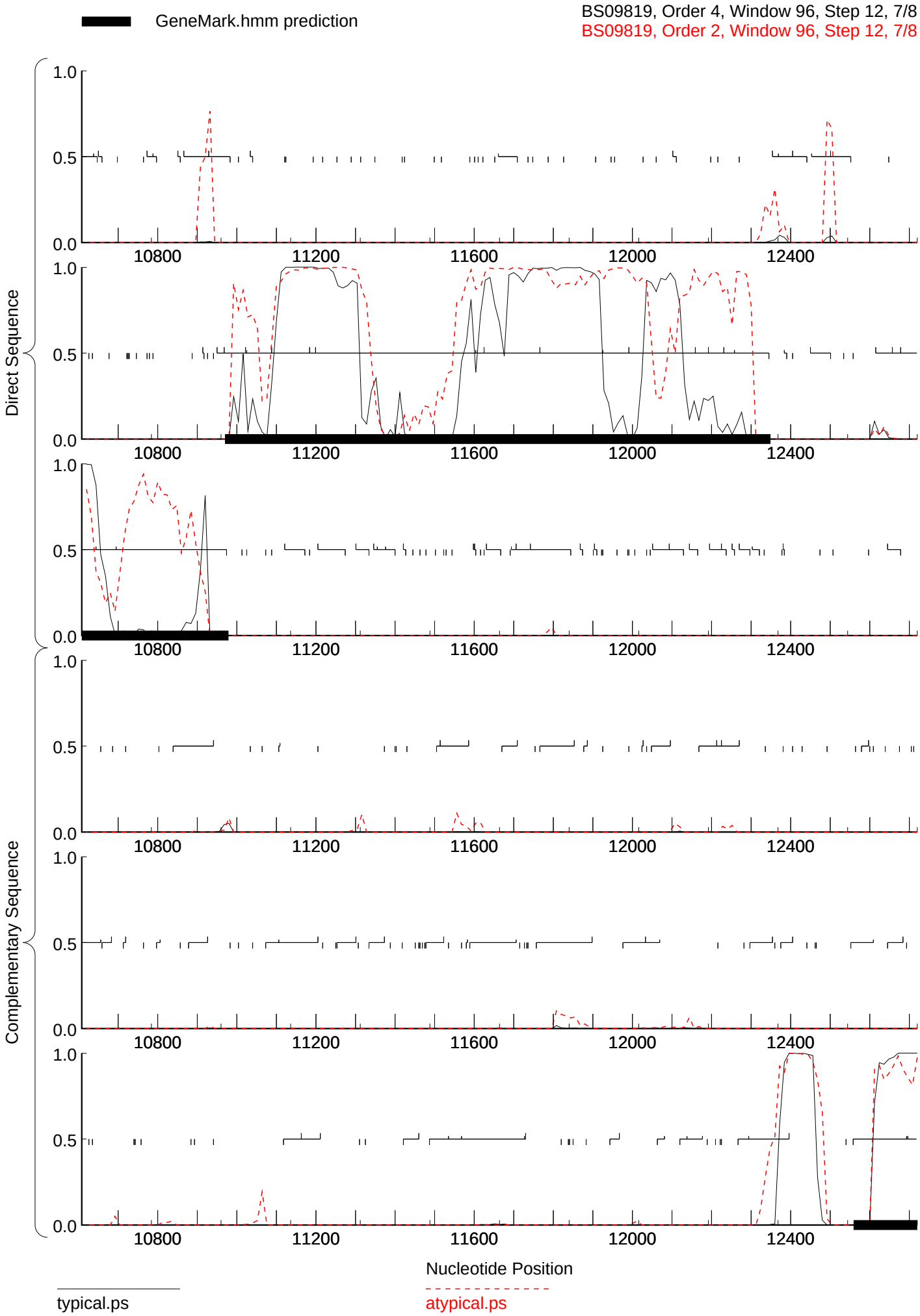

GeneMark.hmm prediction
BS09819, Order 4, Window 96, Step 12, 2/8
BS09819, Order 2, Window 96, Step 12, 2/8
Direct Sequence
Complementary Sequence
1.0
0.5
0.0
400
800
1200
1600
2000
Nucleotide Position
typical.ps
atypical.ps

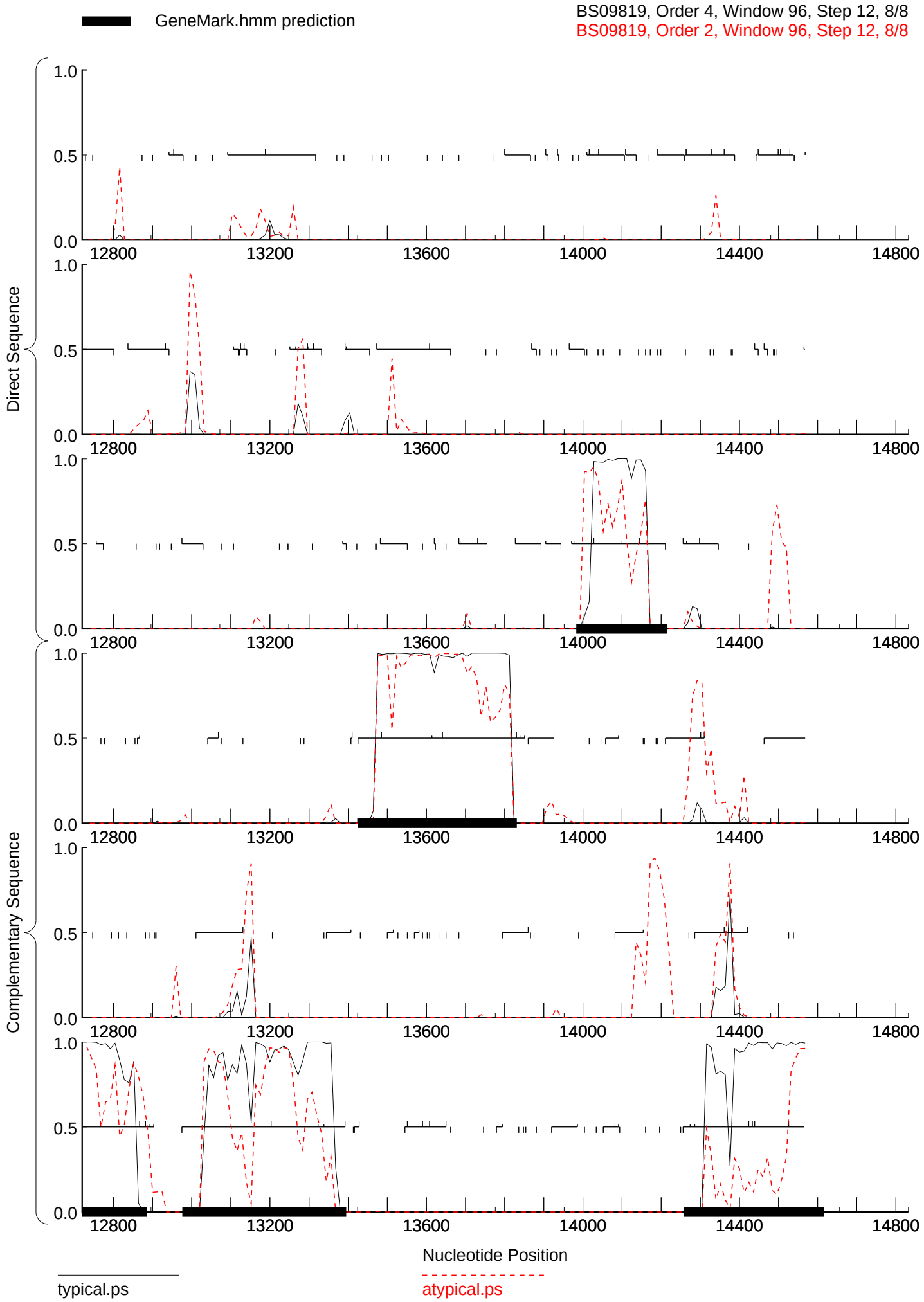

GeneMark.hmm prediction
BS09819, Order 4, Window 96, Step 12, 3/8
BS09819, Order 2, Window 96, Step 12, 3/8
Direct Sequence
Complementary Sequence
1.0
0.5
0.0
2400
2800
3200
3600
4000
Nucleotide Position
typical.ps
atypical.ps


GeneMark.hmm prediction
BS09819, Order 4, Window 96, Step 12, 4/8
BS09819, Order 2, Window 96, Step 12, 4/8
Direct Sequence
Complementary Sequence
1.0
0.5
0.0
4400
4800
5200
5600
6000
Nucleotide Position
typical.ps
atypical.ps


GeneMark.hmm prediction
BS09819, Order 4, Window 96, Step 12, 5/8
BS09819, Order 2, Window 96, Step 12, 5/8
Direct Sequence
Complementary Sequence
1.0
0.5
0.0
6400
6800
7200
7600
8000
8400
Nucleotide Position
typical.ps
atypical.ps


GeneMark.hmm prediction
BS09819, Order 4, Window 96, Step 12, 6/8
BS09819, Order 2, Window 96, Step 12, 6/8
Direct Sequence
Complementary Sequence
1.0
0.5
0.0
8800
9200
9600
10000
10400
Nucleotide Position
typical.ps
atypical.ps


GeneMark.hmm prediction
BS09819, Order 4, Window 96, Step 12, 7/8
BS09819, Order 2, Window 96, Step 12, 7/8
Direct Sequence
Complementary Sequence
1.0
0.5
0.0
10800
11200
11600
12000
12400
Nucleotide Position
typical.ps
atypical.ps


GeneMark.hmm prediction
BS09819, Order 4, Window 96, Step 12, 8/8
BS09819, Order 2, Window 96, Step 12, 8/8
Direct Sequence
Complementary Sequence
1.0
0.5
0.0
12800
13200
13600
14000
14400
14800
Nucleotide Position
typical.ps
atypical.ps