PROGRAM INFORMATION

Sequence : Mycobacterium phage Happiness complete sequence, 51398 bp including 10-base 3' overhang (CGGCCGGTAA), Cluster A4
Analysis Date : 8/12/22 at 1:08:51
Pages : 26
Sequence Length : 51398 bp
GC Content : 63.88%
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 : Mycobacterium_tuberculosis_H37Rv
Author : -
Order : 4

Send questions / comments to:
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School of Biology
Atlanta, GA  30332-0230

Matrix notes & comments
Training set derived by GeneMarkS, 4.27 September 2014
Tue Sep 23 15:14:37 2014
Mycobacterium phage Happiness complete sequence, 51398 bp including 10-base 3' overhang (CGGCCGTTAA), Cluster A4, Order 4, Window 96, Step 12, 2/26
Mycobacterium phage Happiness complete sequence, 51398 bp including 10-base 3' overhang (CGGCCGGTAA), Cluster A4, Order 4, Window 96, Step 12, 3/26
Complementary Sequence

Direct Sequence

Nucleotide Position

Mycobacterium phage Happiness complete sequence, 51398 bp including 10-base 3' overhang (CGGCCGGTAA), Cluster A4, Order 4, Window 96, Step 12, 4/26
Mycobacterium phage Happiness complete sequence, 51398 bp including 10-base 3' overhang (CGGCCGGTAA), Cluster A4, Order 4, Window 96, Step 12, 6/26
Mycobacterium phage Happiness complete sequence, 51398 bp including 10-base 3' overhang (CGGCCGGTAA), Cluster A4, Order 4, Window 96, Step 12, 7/26

**Nucleotide Position**

- **Complementary Sequence**
- **Direct Sequence**

Graphical representation of sequence analysis with nucleotide positions ranging from 10800 to 12400.
Mycobacterium phage Happiness complete sequence, 51398 bp including 10-base 3' overhang (CGGCCGTTAA), Cluster A4, Order 4, Window 96, Step 12, 8/26
Mycobacterium phage Happiness complete sequence, 51398 bp including 10-base 3' overhang (CGGCCGTAA), Cluster A4, Order 4, Window 96, Step 12, 9/26
Mycobacterium phage Happiness complete sequence, 51398 bp including 10-base 3’ overhang (CGGCCGGTAA), Cluster A4, Order 4, Window 96, Step 12, 12/26
Mycobacterium phage Happiness complete sequence, 51398 bp including 10-base 3’ overhang (CGGCCGGTAA), Cluster A4, Order 4, Window 96, Step 12, 13/26
Complementary Sequence Direct Sequence

Nucleotide Position

25600 26000 26400 26800 27200

Mycobacterium phage Happiness complete sequence, 51398 bp including 10-base 3' overhang (CGGCCGGTAA), Cluster A4, Order 4, Window 96, Step 12, 14/26
Mycobacterium phage Happiness complete sequence, 51398 bp including 10-base 3' overhang (CGGCCGGTAA), Cluster A4, Order 4, Window 96, Step 12, 16/26
Complementary Sequence Direct Sequence

Mycobacterium phage Happiness complete sequence, 51398 bp including 10-base 3’ overhang (CGGCCGGTAA), Cluster A4, Order 4, Window 96, Step 12, 18/26
Complementary Sequence Direct Sequence

Nucleotide Position

36000 36400 36800 37200 37600 38000

Mycobacterium phage Happiness complete sequence, 51398 bp including 10-base 3' overhang (CGGCCGGTAA), Cluster A4, Order 4, Window 96, Step 12, 19/26
Complementary Sequence Direct Sequence

Nucleotide Position

Mycobacterium phage Happiness complete sequence, 51398 bp including 10-base 3’ overhang (CGGCCGGTAA), Cluster A4, Order 4, Window 96, Step 12, 20/26
Complete sequence, 51398 bp including 10-base 3’ overhang (CGGCCGTTAA), Cluster A4, Order 4, Window 96, Step 12, 21/26
Mycobacterium phage Happiness complete sequence, 51398 bp including 10-base 3’ overhang (CGGCCGTTAA), Cluster A4, Order 4, Window 96, Step 12, 22/26
Complementary Sequence Direct Sequence

Nucleotide Position

44800 45200 45600 46000 46400

Mycobacterium phage Happiness complete sequence, 51398 bp including 10-base 3’ overhang (CGGCCGTTAA), Cluster A4, Order 4, Window 96, Step 12, 23/26
Mycobacterium phage Happiness complete sequence, 51398 bp including 10-base 3’ overhang (CGGCCGTTAA), Cluster A4, Order 4, Window 96, Step 12, 26/26