PROGRAM INFORMATION

Sequence          : Mycobacterium phage Happiness complete sequence, 51398 bp including 10-base 3’ overhang (CGGCCGGTAA), Cluster A4
Analysis Date     : 8/12/22 at 8:45:16
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 notes & comments

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

MATRIX INFORMATION

Matrix            : Mycobacterium_smegmatis_MC2_155
Author            : -
Order             : 4

Send questions / comments to:
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Mycobacterium phage Happiness complete sequence, 51398 bp including 10-base 3' overhang (CGGCCGGTTAA), Cluster A4, Order 4, Window 96, Step 12, 2/26
Mycobacterium phage Happiness complete sequence, 51398 bp including 10-base 3’ overhang (CGGCCGTTAA), Cluster A4, Order 4, Window 96, Step 12, 3/26
Mycobacterium phage Happiness complete sequence, 51398 bp including 10-base 3' overhang (CGGCCGTAA), Cluster A4, Order 4, Window 96, Step 12, 4/26
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, 5/26
Mycobacterium phage Happiness complete sequence, 51398 bp including 10-base 3' overhang (CGGCGGTAA), Cluster A4, Order 4, Window 96, Step 12, 7/26
Mycobacterium phage Happiness complete sequence, 51398 bp including 10-base 3’ overhang (CGGCCGGTAA), Cluster A4, Order 4, Window 96, Step 12, 8/26
Mycobacterium phage Happiness complete sequence, 51398 bp including 10-base 3' overhang (CGGCCGGTAA), Cluster A4, Order 4, Window 96, Step 12, 9/26
Mycobacterium phage Happiness complete sequence, 51398 bp including 10-base 3’ overhang (CGGCCGTTAA), Cluster A4, Order 4, Window 96, Step 12, 10/26
Complementary Sequence Direct Sequence

Nucleotide Position

19200 19600 20000 20400 20800

**Mycobacterium phage Happiness complete sequence, 51398 bp including 10-base 3’ overhang (CGGCCGTAAG), Cluster A4, Order 4, Window 96, Step 12, 11/26**
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

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

Nucleotide Position

30000 30400 30800 31200 31600

Mycobacterium phage Happiness complete sequence, 51398 bp including 10-base 3’ overhang (CGGCCGTAA), Cluster A4, Order 4, Window 96, Step 12, 16/26
Mycobacterium phage Happiness complete sequence, 51398 bp including 10-base 3’ overhang (CGGCCGTTAA), Cluster A4, Order 4, Window 96, Step 12, 17/26
Mycobacterium phage Happiness complete sequence, 51398 bp including 10-base 3’ overhang (CGGCCGTTAA), Cluster A4, Order 4, Window 96, Step 12, 18/26
Mycobacterium phage Happiness complete sequence, 51398 bp including 10-base 3' overhang (CGGCCGTA), 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 (CGGCCGTTAA), Cluster A4, Order 4, Window 96, Step 12, 20/26
Mycobacterium phage Happiness complete sequence, 51398 bp including 10-base 3’ overhang (CGGCCGGTAA), Cluster A4, Order 4, Window 96, Step 12, 21/26

Nucleotide Position

Direct Sequence vs Complementary Sequence
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, 22/26
Complementary Sequence Direct Sequence

Nucleotide Position

Mycobacterium phage Happiness complete sequence, 51398 bp including 10-base 3' overhang (CGGCCGTAA), Cluster A4, Order 4, Window 96, Step 12, 23/26
Mycobacterium phage Happiness complete sequence, 51398 bp including 10-base 3’ overhang (CGGCCGGTA), Cluster A4, Order 4, Window 96, Step 12, 24/26
Complementary Sequence Direct Sequence

Nucleotide Position

Mycobacterium phage Happiness complete sequence, 51398 bp including 10-base 3’ overhang (CGGCCGTAAG), Cluster A4, Order 4, Window 96, Step 12, 25/26