PROGRAM INFORMATION

Sequence : Mycobacterium phage ActinUp complete sequence, 59812 bp including 11-base 3’ overhang (CTCGTAGGCAT), Cluster K1
Analysis Date : 1/17/22 at 1:18:42
Pages : 30
Sequence Length : 59812 bp
GC Content : 66.62%
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_smegmatis_MC2_155
Author : -
Order : 4

Send questions / comments to:
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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, 59812 bp including 11-base 3' overhang (CTCGTAGGCAT), Cluster K1, Order 4, Window 96, Step 12, 2/30
Mycobacterium phage ActinUp complete sequence, 59812 bp including 11-base 3’ overhang (CTCGTAGGCAT), Cluster K1, Order 4, Window 96, Step 12, 3/30
complete sequence, 59812 bp including 11-base 3' overhang (CTCGTAGGCAT), Cluster K1, Order 4, Window 96, Step 12, 4/30
Complementary Sequence Direct Sequence

6400 6800 7200 7600 8000 8400

Nucleotide Position

Mycobacterium phage ActinUp complete sequence, 59812 bp including 11-base 3' overhang (CTCGTAGGCAT), Cluster K1, Order 4, Window 96, Step 12, 5/30
Complementary Sequence

Direct Sequence

Nucleotide Position

Mycobacterium phage ActinUp complete sequence, 59812 bp including 11-base 3' overhang (CTCGTAGGCAT), Cluster K1, Order 4, Window 96, Step 12, 6/30
Mycobacterium phage ActinUp complete sequence, 59812 bp including 11-base 3’ overhang (CTCGTAGGCAT), Cluster K1, Order 4, Window 96, Step 12, 7/30

Nucleotide Position
Mycobacterium phage ActinUp complete sequence, 59812 bp including 11-base 3’ overhang (CTCGTAGGCAT), Cluster K1, Order 4, Window 96, Step 12, 8/30
Mycobacterium phage ActinUp complete sequence, 59812 bp including 11-base 3' overhang (CTCGTAGGCAT), Cluster K1, Order 4, Window 96, Step 12, 9/30
Mycobacterium phage ActinUp complete sequence, 59812 bp including 11-base 3' overhang (CTCGTAGGCAT), Cluster K1, Order 4, Window 96, Step 12, 10/30
Complementary Sequence Direct Sequence

Nucleotide Position

Mycobacterium phage Actin Up complete sequence, 59812 bp including 11-base 3' overhang (CTCGTAGGCAT), Cluster K1, Order 4, Window 96, Step 12, 11/30
Complementary Sequence Direct Sequence

Nucleotide Position

Mycobacterium phage ActinUp complete sequence, 59812 bp including 11-base 3' overhang (CTCGTAGGCAT), Cluster K1, Order 4, Window 96, Step 12, 12/30
Complementary Sequence Direct Sequence

Nucleotide Position

23600 24000 24400 24800 25200

Mycobacterium phage ActinUp complete sequence, 59812 bp including 11-base 3' overhang (CTCGTAGGCAT), Cluster K1, Order 4, Window 96, Step 12, 13/30
<table>
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<tr>
<th>Nucleotide Position</th>
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complete sequence, 59812 bp including 11-base 3’ overhang (CTCGTAGGCAT), Cluster K1, Order 4, Window 96, Step 12, 15/30
Complementary Sequence Direct Sequence

Nucleotide Position

Mycobacterium phage ActinUp complete sequence, 59812 bp including 11-base 3' overhang (CTCGTAGGCAT), Cluster K1, Order 4, Window 96, Step 12, 16/30
Mycobacterium phage ActinUp complete sequence, 59812 bp including 11-base 3' overhang (CTCGTAGGCAT), Cluster K1, Order 4, Window 96, Step 12, 18/30
Complementary Sequence

Direct Sequence

Nucleotide Position
Complementary Sequence

Direct Sequence

Nucleotide Position

Mycobacterium phage ActinUp complete sequence, 59812 bp including 11-base 3’ overhang (CTCGTAGGCAT), Cluster K1, Order 4, Window 96, Step 12, 20/30
Complementary Sequence, Direct Sequence

Nucleotide Position

Mycobacterium phage ActinUp complete sequence, 59812 bp including 11-base 3' overhang (CTCGTAGGCAT), Cluster K1, Order 4, Window 96, Step 12, 21/30
Complementary Sequence Direct Sequence

Nucleotide Position

42400 42800 43200 43600 44000 44400

Mycobacterium phage ActinUp complete sequence, 59812 bp including 11-base 3' overhang (CTCGTAGGCAT), Cluster K1, Order 4, Window 96, Step 12, 22/30
Mycobacterium phage ActinUp complete sequence, 59812 bp including 11-base 3' overhang (CTCGTAGGCAT), Cluster K1, Order 4, Window 96, Step 12, 24/30
Mycobacterium phage ActinUp complete sequence, 59812 bp including 11-base 3' overhang (CTCGTAGGCAT), Cluster K1, Order 4, Window 96, Step 12, 25/30
Mycobacterium phage ActinUp complete sequence, 59812 bp including 11-base 3' overhang (CTCGTAGGCAT), Cluster K1, Order 4, Window 96, Step 12, 26/30
Mycobacterium phage ActinUp complete sequence, 59812 bp including 11-base 3' overhang (CTCGTAGGCAT), Cluster K1, Order 4, Window 96, Step 12, 27/30
Complementary Sequence Direct Sequence

Nucleotide Position

55200 55600 56000 56400 56800
Mycobacterium phage ActinUp complete sequence, 59812 bp including 11-base 3' overhang (CTCGTAGGCAT), Cluster K1, Order 4, Window 96, Step 12, 29/30
Mycobacterium phage ActinUp complete sequence, 59812 bp including 11-base 3' overhang (CTCGTAGGCAT), Cluster K1, Order 4, Window 96, Step 12, 30/30