**PROGRAM INFORMATION**

Sequence : Mycobacterium phage Slarp complete sequence, 57256 bp including 11-base 3’ overhang (CTCGCGGCCAT), Cluster K4
Analysis Date : 1/14/22 at 22:43:23
Pages : 29
Sequence Length : 57256 bp
GC Content : 67.96%
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_smeqmati_smegmatis_MC2_155
Author : -
Order : 4

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
Complementary Sequence

Direct Sequence

Nucleotide Position

Mycobacterium phage Slarp complete sequence, 57256 bp including 11-base 3’ overhang (CTCGCGGCCAT), Cluster K4, Order 4, Window 96, Step 12, 2/29
Mycobacterium phage Slarp complete sequence, 57256 bp including 11-base 3' overhang (CTCGCGGCCAT), Cluster K4, Order 4, Window 96, Step 12, 3/29
Complementary Sequence

Direct Sequence

Mycobacterium phage Slarp complete sequence, 57256 bp including 11-base 3' overhang (CTCGCGGCGCAT), Cluster K4, Order 4, Window 96, Step 12, 4/29
Complementary Sequence Direct Sequence

Nucleotide Position

Mycobacterium phage Slarp complete sequence, 57256 bp including 11-base 3' overhang (CTCGCGGCCAT), Cluster K4, Order 4, Window 96, Step 12, 5/29
Complementary Sequence Direct Sequence

Nucleotide Position

Mycobacterium phage Slarp complete sequence, 57256 bp including 11-base 3' overhang (CTCGCGGCCAT), Cluster K4, Order 4, Window 96, Step 12, 6/29
Complementary Sequence Direct Sequence

Nucleotide Position

Mycobacterium phage Slarp complete sequence, 57256 bp including 11-base 3' overhang (CTCGCGGCCAT), Cluster K4, Order 4, Window 96, Step 12, 7/29
Mycobacterium phage Slarp complete sequence, 57256 bp including 11-base 3' overhang (CTCGCGGCCAT), Cluster K4, Order 4, Window 96, Step 12, 10/29
Complementary Sequence Direct Sequence

Nucleotide Position

Mycobacterium phage Slarp complete sequence, 57256 bp including 11-base 3' overhang (CTCGCGGCCAT), Cluster K4, Order 4, Window 96, Step 12, 11/29
Complementary Sequence Direct Sequence

<table>
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<tr>
<th>Nucleotide Position</th>
<th>23600</th>
<th>24000</th>
<th>24400</th>
<th>24800</th>
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<tr>
<td>Complementary Sequence</td>
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</tbody>
</table>
Complete sequence, 57256 bp including 11-base 3’ overhang (CTCGCGGCCAT), Cluster K4, Order 4, Window 96, Step 12, 14/29
Complementary Sequence Direct Sequence

Nucleotide Position

Mycobacterium phage Slarp complete sequence, 57256 bp including 11-base 3' overhang (CTCGCGGCCAT), Cluster K4, Order 4, Window 96, Step 12, 15/29
Complete sequence, 57256 bp including 11-base 3' overhang (CTCGCGGCCAT), Cluster K4, Order 4, Window 96, Step 12, 16/29
Complementary Sequence

Direct Sequence

Mycobacterium phage Slarp complete sequence, 57256 bp including 11-base 3' overhang (CTCGCGGCCAT), Cluster K4, Order 4, Window 96, Step 12, 17/29
Complementary Sequence Direct Sequence

Mycobacterium phage Slarp complete sequence, 57256 bp including 11-base 3’ overhang (CTCGCGGCCAT), Cluster K4, Order 4, Window 96, Step 12, 18/29
Mycobacterium phage Slarp complete sequence, 57256 bp including 11-base 3' overhang (CTCGCGGCCAT), Cluster K4, Order 4, Window 96, Step 12, 19/29
Mycobacterium phage Slarp complete sequence, 57256 bp including 11-base 3’ overhang (CTCGCGGCCAT), Cluster K4, Order 4, Window 96, Step 12, 20/29

Nucleotide Position

Direct Sequence

Complementary Sequence

Nucleotide Position
Complementary Sequence

Direct Sequence

Nucleotide Position

Mycobacterium phage Slarp complete sequence, 57256 bp including 11-base 3’ overhang (CTCGCGGCCAT), Cluster K4, Order 4, Window 96, Step 12, 21/29
Mycobacterium phage Slarp complete sequence, 57256 bp including 11-base 3' overhang (CTCGCGGCCAT), Cluster K4, Order 4, Window 96, Step 12, 23/29
Complementary Sequence Direct Sequence

Nucleotide Position

Mycobacterium phage Slarp complete sequence, 57256 bp including 11-base 3’ overhang (CTCGCGGCCAT), Cluster K4, Order 4, Window 96, Step 12, 24/29
Complementary Sequence Direct Sequence

Nucleotide Position

48800 49200 49600 50000 50400

Mycobacterium phage Slarp complete sequence, 57256 bp including 11-base 3' overhang (CTCGCGGCCAT), Cluster K4, Order 4, Window 96, Step 12, 25/29
Mycobacterium phage Slarp complete sequence, 57256 bp including 11-base 3' overhang (CTCGCGGCCAT), Cluster K4, Order 4, Window 96, Step 12, 27/29
**Complementary Sequence**

**Direct Sequence**

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**Nucleotide Position**

- 55200 55600 56000 56400 56800

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**Mycobacterium phage Slarp complete sequence, 57256 bp including 11-base 3' overhang (CTCGCGGCCAT), Cluster K4, Order 4, Window 96, Step 12, 28/29**
Complementary Sequence
Direct Sequence

Nucleotide Position

Mycobacterium phage Slarp complete sequence, 57256 bp including 11-base 3’ overhang (CTCGCGGCCAT), Cluster K4, Order 4, Window 96, Step 12, 29/29