**PROGRAM INFORMATION**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sequence</td>
<td>Mycobacterium phage Dylan complete sequence, 69815 bp including 4-base 3’ overhang (GTGT), Cluster O</td>
</tr>
<tr>
<td>Analysis Date</td>
<td>1/4/22 at 10:00:03</td>
</tr>
<tr>
<td>Pages</td>
<td>35</td>
</tr>
<tr>
<td>Sequence Length</td>
<td>69815 bp</td>
</tr>
<tr>
<td>GC Content</td>
<td>65.42%</td>
</tr>
<tr>
<td>Window Length</td>
<td>96 bp</td>
</tr>
<tr>
<td>Window Step</td>
<td>12 bp</td>
</tr>
<tr>
<td>Threshold Value</td>
<td>0.500</td>
</tr>
<tr>
<td>PS-Version</td>
<td>1.2</td>
</tr>
<tr>
<td>GeneMark Options</td>
<td>PostScript graph, Mark ORFs / splice sites, List ORFs, List regions and/or splice sites</td>
</tr>
</tbody>
</table>

**MATRIX INFORMATION**

| Matrix            | Mycobacterium_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

Mycobacterium phage Dylan complete sequence, 69815 bp including 4-base 3' overhang (GTGT), Cluster O, Order 4, Window 96, Step 12, 2/35
Complementary Sequence Direct Sequence

Nucleotide Position

2400 2800 3200 3600 4000

Mycobacterium phage Dylan complete sequence, 69815 bp including 4-base 3' overhang (GTGT), Cluster O, Order 4, Window 96, Step 12, 3/35
phage Dylan complete sequence, 69815 bp including 4-base 3’ overhang (GTGT), Cluster O, Order 4, Window 96, Step 12, 4/35
phage Dylan complete sequence, 69815 bp including 4-base 3' overhang (GTGT), Cluster O, Order 4, Window 96, Step 12, 5/35
phage Dylan complete sequence, 69815 bp including 4-base 3' overhang (GTGT), Cluster O, Order 4, Window 96, Step 12, 6/35
phage Dylan complete sequence, 69815 bp including 4-base 3' overhang (GTGT), Cluster O, Order 4, Window 96, Step 12, 7/35
phage Dylan complete sequence, 69815 bp including 4-base 3' overhang (GTGT), Cluster O, Order 4, Window 96, Step 12, 8/35
Complementary Sequence Direct Sequence

Nucleotide Position

Mycobacterium phage Dylan complete sequence, 69815 bp including 4-base 3' overhang (GTGT), Cluster O, Order 4, Window 96, Step 12, 9/35
Complementary Sequence Direct Sequence

Nucleotide Position

Mycobacterium phage Dylan complete sequence, 69815 bp including 4-base 3' overhang (GTGT), Cluster O, Order 4, Window 96, Step 12, 11/35
Mycobacterium phage Dylan complete sequence, 69815 bp including 4-base 3' overhang (GTGT), Cluster O, Order 4, Window 96, Step 12, 12/35
Phage Dylan complete sequence, 69815 bp including 4-base 3' overhang (GTGT), Cluster O, Order 4, Window 96, Step 12, 13/35
<table>
<thead>
<tr>
<th>Nucleotide Position</th>
<th>Complementary Sequence</th>
<th>Direct Sequence</th>
</tr>
</thead>
<tbody>
<tr>
<td>25600</td>
<td></td>
<td></td>
</tr>
<tr>
<td>26000</td>
<td></td>
<td></td>
</tr>
<tr>
<td>26400</td>
<td></td>
<td></td>
</tr>
<tr>
<td>26800</td>
<td></td>
<td></td>
</tr>
<tr>
<td>27200</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Phage Dylan complete sequence, 69815 bp including 4-base 3' overhang (GTGT), Cluster O, Order 4, Window 96, Step 12, 15/35
Complementary Sequence

Direct Sequence

Nucleotide Position

Mycobacterium phage Dylan complete sequence, 69815 bp including 4-base 3' overhang (GTGT), Cluster O, Order 4, Window 96, Step 12, 16/35
Mycobacterium phage Dylan complete sequence, 69815 bp including 4-base 3' overhang (GTGT), Cluster O, Order 4, Window 96, Step 12, 18/35
Mycobacterium phage Dylan complete sequence, 69815 bp including 4-base 3' overhang (GTGT), Cluster O, Order 4, Window 96, Step 12, 19/35
Phage Dylan complete sequence, 69815 bp including 4-base 3' overhang (GTGT), Cluster O, Order 4, Window 96, Step 12, 21/35
Complementary Sequence Direct Sequence

Nucleotide Position

42400 42800 43200 43600 44000 44400

42400 42800 43200 43600 44000 44400

42400 42800 43200 43600 44000 44400

42400 42800 43200 43600 44000 44400

42400 42800 43200 43600 44000 44400

42400 42800 43200 43600 44000 44400

Mycobacterium phage Dylan complete sequence, 69815 bp including 4-base 3' overhang (GTGT), Cluster O, Order 4, Window 96, Step 12, 22/35
Complementary Sequence Direct Sequence

Mycobacterium phage Dylan complete sequence, 69815 bp including 4-base 3' overhang (GTGT), Cluster O, Order 4, Window 96, Step 12, 23/35
Phage Dylan complete sequence, 69815 bp including 4-base 3' overhang (GTGT), Cluster O, Order 4, Window 96, Step 12, 24/35
Mycobacterium phage Dylan complete sequence, 69815 bp including 4-base 3' overhang (GTGT), Cluster O, Order 4, Window 96, Step 12, 25/35
Phage Dylan complete sequence, 69815 bp including 4-base 3’ overhang (GTGT), Cluster O, Order 4, Window 96, Step 12, 26/35
Mycobacterium phage Dylan complete sequence, 69815 bp including 4-base 3’ overhang (GTGT), Cluster O, Order 4, Window 96, Step 12, 27/35
Complementary Sequence

Direct Sequence

Nucleotide Position

Mycobacterium phage Dylan complete sequence, 69815 bp including 4-base 3' overhang (GTGT), Cluster O, Order 4, Window 96, Step 12, 29/35
Phage Dylan complete sequence, 69815 bp including 4-base 3' overhang (GTGT), Cluster O, Order 4, Window 96, Step 12, 30/35
Phage Dylan complete sequence, 69815 bp including 4-base 3' overhang (GTGT), Cluster O, Order 4, Window 96, Step 12, 31/35

Nucleotide Position
Complementary Sequence

Direct Sequence

Nucleotide Position

Mycobacterium phage Dylan complete sequence, 69815 bp including 4-base 3' overhang (GTGT), Cluster O, Order 4, Window 96, Step 12, 32/35
Complementary Sequence Direct Sequence

Nucleotide Position

Mycobacterium phage Dylan complete sequence, 69815 bp including 4-base 3' overhang (GTGT), Cluster O, Order 4, Window 96, Step 12, 33/35
Complementary Sequence Direct Sequence

Nucleotide Position

Mycobacterium phage Dylan complete sequence, 69815 bp including 4-base 3’ overhang (GTGT), Cluster O, Order 4, Window 96, Step 12, 34/35
Complementary Sequence Direct Sequence

Nucleotide Position

Mycobacterium phage Dylan complete sequence, 69815 bp including 4-base 3' overhang (GTGT), Cluster O, Order 4, Window 96, Step 12, 35/35