Program Information:
- Sequence: Gordonia phage Hanem complete sequence, 88511 bp, circularly permuted, Cluster DQ
- Analysis Date: 11/18/22 at 16:08:12
- Pages: 43
- Sequence Length: 88511 bp
- GC Content: 60.27%
- 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: -
- 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
Gordonia phage Hanem complete sequence, 88511 bp, circularly permuted, Cluster DQ, Order 4, Window 96, Step 12, 2/43
Gordonia phage Hanem complete sequence, 88511 bp, circularly permuted, Cluster DQ, Order 4, Window 96, Step 12, 3/43
Gordonia phage Hanem complete sequence, 88511 bp, circularly permuted, Cluster DQ, Order 4, Window 96, Step 12, 4/43
Gordonia phage Hanem complete sequence, 88511 bp, circularly permuted, Cluster DQ, Order 4, Window 96, Step 12, 5/43
Gordonia phage Hanem complete sequence, 88511 bp, circularly permuted, Cluster DQ, Order 4, Window 96, Step 12, 7/43
Gordonia phage Hanem complete sequence, 88511 bp, circularly permuted, Cluster DQ, Order 4, Window 96, Step 12, 8/43
Gordonia phage Hanem complete sequence, 88511 bp, circularly permuted, Cluster DQ, Order 4, Window 96, Step 12, 9/43
Gordonia phage Hanem complete sequence, 88511 bp, circularly permuted, Cluster DQ, Order 4, Window 96, Step 12, 11/43
Complementary Sequence Direct Sequence

Nucleotide Position

Gordonia phage Hanem complete sequence, 88511 bp, circularly permuted, Cluster DQ, Order 4, Window 96, Step 12, 13/43
Gordonia phage Hanem complete sequence, 88511 bp, circularly permuted, Cluster DQ, Order 4, Window 96, Step 12, 14/43
Gordonia phage Hanem complete sequence, 88511 bp, circularly permuted, Cluster DQ, Order 4, Window 96, Step 12, 15/43
Gordonia phage Hanem complete sequence, 88511 bp, circularly permuted, Cluster DQ, Order 4, Window 96, Step 12, 16/43
Gordonia phage Hanem complete sequence, 88511 bp, circularly permuted, Cluster DQ, Order 4, Window 96, Step 12, 17/43
Gordonia phage Hanem complete sequence, 88511 bp, circularly permuted, Cluster DQ, Order 4, Window 96, Step 12, 18/43
Gordonia phage Hanem complete sequence, 88511 bp, circularly permuted, Cluster DQ, Order 4, Window 96, Step 12, 20/43
Gordonia phage Hanem complete sequence, 88511 bp, circularly permuted, Cluster DQ, Order 4, Window 96, Step 12, 21/43
Complementary Sequence Direct Sequence

Nucleotide Position

Gordonia phage Hanem complete sequence, 88511 bp, circularly permuted, Cluster DQ, Order 4, Window 96, Step 12, 23/43
Gordonia phage Hanem complete sequence, 88511 bp, circularly permuted, Cluster DQ, Order 4, Window 96, Step 12, 26/43
Complementary Sequence Direct Sequence

Nucleotide Position

Gordonia phage Hanem complete sequence, 88511 bp, circularly permuted, Cluster DQ, Order 4, Window 96, Step 12, 27/43
Gordonia phage Hanem complete sequence, 88511 bp, circularly permuted, Cluster DQ, Order 4, Window 96, Step 12, 28/43
Gordonia phage Hanem complete sequence, 88511 bp, circularly permuted, Cluster DQ, Order 4, Window 96, Step 12, 29/43
Complementary Sequence

Direct Sequence

Nucleotide Position

Gordonia phage Hanem complete sequence, 88511 bp, circularly permuted, Cluster DQ, Order 4, Window 96, Step 12, 32/43
Gordonia phage Hanem complete sequence, 88511 bp, circularly permuted, Cluster DQ, Order 4, Window 96, Step 12, 34/43
Gordonia phage Hanem complete sequence, 88511 bp, circularly permuted, Cluster DQ, Order 4, Window 96, Step 12, 35/43

Diagram showing the nucleotide positions from 70000 to 71600 for both direct and complementary sequences.
<table>
<thead>
<tr>
<th>Nucleotide Position</th>
<th>Direct Sequence</th>
<th>Complementary Sequence</th>
</tr>
</thead>
<tbody>
<tr>
<td>72000</td>
<td>1.0</td>
<td>0.0</td>
</tr>
<tr>
<td>72400</td>
<td>0.5</td>
<td>1.0</td>
</tr>
<tr>
<td>72800</td>
<td>1.0</td>
<td>0.5</td>
</tr>
<tr>
<td>73200</td>
<td>0.0</td>
<td>1.0</td>
</tr>
<tr>
<td>73600</td>
<td>1.0</td>
<td>0.0</td>
</tr>
</tbody>
</table>

Gordonia phage Hanem complete sequence, 88511 bp, circularly permuted, Cluster DQ, Order 4, Window 96, Step 12, 36/43
Gordonia phage Hanem complete sequence, 88511 bp, circularly permuted, Cluster DQ, Order 4, Window 96, Step 12, 37/43
Complementary Sequence Direct Sequence

Nucleotide Position

76400 76800 77200 77600 78000

Gordonia phage Hanem complete sequence, 88511 bp, circularly permuted, Cluster DQ, Order 4, Window 96, Step 12, 38/43
Gordonia phage Hanem complete sequence, 88511 bp, circularly permuted, Cluster DQ, Order 4, Window 96, Step 12, 39/43
Gordonia phage Hanem complete sequence, 88511 bp, circularly permuted, Cluster DQ, Order 4, Window 96, Step 12, 42/43
Gordonia phage Hanem complete sequence, 88511 bp, circularly permuted, Cluster DQ, Order 4, Window 96, Step 12, 43/43