**Program Information**

- **Sequence**: Mycobacterium phage ZygoTaiga complete sequence, 157204 bp, circularly permuted, Cluster C1
- **Analysis Date**: 12/29/21 at 7:21:37
- **Pages**: 76
- **Sequence Length**: 157204 bp
- **GC Content**: 64.69%
- **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_smeigmatis_MC2_155
- **Author**: -
- **Order**: 4

Send questions / comments to:
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Atlanta, GA  30332-0230

For help or information, send electronic mail to: custserv@genepro.com, or mark@amber.biology.gatech.edu
Mycobacterium phage ZygoTaiga complete sequence, 157204 bp, circularly permuted, Cluster C1, Order 4, Window 96, Step 12, 2/76
Complementary Sequence

Direct Sequence

Mycobacterium phage ZygoTaiga complete sequence, 157204 bp, circularly permuted, Cluster C1, Order 4, Window 96, Step 12, 3/76
Mycobacterium phage ZygoTaiga complete sequence, 157204 bp, circularly permuted, Cluster C1, Order 4, Window 96, Step 12, 4/76
Mycobacterium phage ZygoTaiga complete sequence, 157204 bp, circularly permuted, Cluster C1, Order 4, Window 96, Step 12, 5/76
Mycobacterium phage ZygoTaiga complete sequence, 157204 bp, circularly permuted, Cluster C1, Order 4, Window 96, Step 12, 9/76

Nucleotide Position
Mycobacterium phage ZygoTaiga complete sequence, 157204 bp, circularly permuted, Cluster C1, Order 4, Window 96, Step 12, 10/76
Complementary Sequence

Direct Sequence

Mycobacterium phage ZygoTaiga complete sequence, 157204 bp, circularly permuted, Cluster C1, Order 4, Window 96, Step 12, 11/76
Mycobacterium phage ZygoTaiga complete sequence, 157204 bp, circularly permuted, Cluster C1, Order 4, Window 96, Step 12, 12/76
Mycobacterium phage ZygoTaiga complete sequence, 157204 bp, circularly permuted, Cluster C1, Order 4, Window 96, Step 12, 13/76
Mycobacterium phage ZygoTaiga complete sequence, 157204 bp, circularly permuted, Cluster C1, Order 4, Window 96, Step 12, 14/76
Complementary Sequence

Direct Sequence

Mycobacterium phage ZygoTaiga complete sequence, 157204 bp, circularly permuted, Cluster C1, Order 4, Window 96, Step 12, 15/76

Nucleotide Position
Mycobacterium phage ZygoTaiga complete sequence, 157204 bp, circularly permuted, Cluster C1, Order 4, Window 96, Step 12, 16/76
Mycobacterium phage ZygoTaiga complete sequence, 157204 bp, circularly permuted, Cluster C1, Order 4, Window 96, Step 12, 17/76
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<th>Direct Sequence</th>
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Mycobacterium phage ZygoTaiga complete sequence, 157204 bp, circularly permuted, Cluster C1, Order 4, Window 96, Step 12, 18/76
Mycobacterium phage ZygoTaiga complete sequence, 157204 bp, circularly permuted, Cluster C1, Order 4, Window 96, Step 12, 20/76
Complementary Sequence Direct Sequence

Nucleotide Position

Mycobacterium phage ZygoTaiga complete sequence, 157204 bp, circularly permuted, Cluster C1, Order 4, Window 96, Step 12, 23/76
**Mycobacterium phage ZygoTaiga complete sequence, 157204 bp, circularly permuted, Cluster C1, Order 4, Window 96, Step 12, 26/76**

Nucleotide Position

Direct Sequence

Complementary Sequence
Mycobacterium phage ZygoTaiga complete sequence, 157204 bp, circularly permuted, Cluster C1, Order 4, Window 96, Step 12, 28/76
Complementary Sequence Direct Sequence

Nucleotide Position

Mycobacterium phage ZygoTaiga complete sequence, 157204 bp, circularly permuted, Cluster C1, Order 4, Window 96, Step 12, 32/76
Complementary Sequence Direct Sequence

Mycobacterium phage ZygoTaiga complete sequence, 157204 bp, circularly permuted, Cluster C1, Order 4, Window 96, Step 12, 33/76

Nucleotide Position
Mycobacterium phage ZygoTaiga complete sequence, 157204 bp, circularly permuted, Cluster C1, Order 4, Window 96, Step 12, 34/76
Mycobacterium phage ZygoTaiga complete sequence, 157204 bp, circularly permuted, Cluster C1, Order 4, Window 96, Step 12, 35/76
Mycobacterium phage ZygoTaiga complete sequence, 157204 bp, circularly permuted, Cluster C1, Order 4, Window 96, Step 12, 36/76
Complementary Sequence Direct Sequence

Nucleotide Position

Mycobacterium phage ZygoTaiga complete sequence, 157204 bp, circularly permuted, Cluster C1, Order 4, Window 96, Step 12, 38/76
Complementary Sequence

Direct Sequence

Nucleotide Position

Mycobacterium phage ZygoTaiga complete sequence, 157204 bp, circularly permuted, Cluster C1, Order 4, Window 96, Step 12, 39/76
Mycobacterium phage ZygoTaiga complete sequence, 157204 bp, circularly permuted, Cluster C1, Order 4, Window 96, Step 12, 40/76
Mycobacterium phage ZygoTaiga complete sequence, 157204 bp, circularly permuted, Cluster C1, Order 4, Window 96, Step 12, 41/76
Complementary Sequence Direct Sequence

Nucleotide Position

Mycobacterium phage ZygoTaiga complete sequence, 157204 bp, circularly permuted, Cluster C1, Order 4, Window 96, Step 12, 43/76
Mycobacterium phage ZygoTaiga complete sequence, 157204 bp, circularly permuted, Cluster C1, Order 4, Window 96, Step 12, 44/76
Mycobacterium phage ZygoTaiga complete sequence, 157204 bp, circularly permuted, Cluster C1, Order 4, Window 96, Step 12, 46/76
Mycobacterium phage ZygoTaiga complete sequence, 157204 bp, circularly permuted, Cluster C1, Order 4, Window 96, Step 12, 47/76
Bacterium phage ZygoTaiga complete sequence, 157204 bp, circularly permuted, Cluster C1, Order 4, Window 96, Step 12, 49/76
Complementary Sequence Direct Sequence

Nucleotide Position

Mycobacterium phage ZygoTaiga complete sequence, 157204 bp, circularly permuted, Cluster C1, Order 4, Window 96, Step 12, 50/76
Complementary Sequence Direct Sequence

Nucleotide Position

Mycobacterium phage ZygoTaiga complete sequence, 157204 bp, circularly permuted, Cluster C1, Order 4, Window 96, Step 12, 51/76
Mycobacterium phage ZygoTaiga complete sequence, 157204 bp, circularly permuted, Cluster C1, Order 4, Window 96, Step 12, 53/76
Mycobacterium phage ZygoTaiga complete sequence, 157204 bp, circularly permuted, Cluster C1, Order 4, Window 96, Step 12, 54/76
Complementary Sequence Direct Sequence

Nucleotide Position

Mycobacterium phage ZygoTaiga complete sequence, 157204 bp, circularly permuted, Cluster C1, Order 4, Window 96, Step 12, 56/76
Mycobacterium phage ZygoTaiga complete sequence, 157204 bp, circularly permuted, Cluster C1, Order 4, Window 96, Step 12, 58/76

Nucleotide Position

Direct Sequence

Complementary Sequence

Nucleotide Position
Mycobacterium phage ZygoTaiga complete sequence, 157204 bp, circularly permuted, Cluster C1, Order 4, Window 96, Step 12, 59/76

Diagram showing the nucleotide positions from 120800 to 122400 with direct and complementary sequence tracks.
Mycobacterium phage ZygoTaiga complete sequence, 157204 bp, circularly permuted, Cluster C1, Order 4, Window 96, Step 12, 60/76
Mycobacterium phage ZygoTaiga complete sequence, 157204 bp, circularly permuted, Cluster C1, Order 4, Window 96, Step 12, 61/76
Mycobacterium phage ZygoTaiga complete sequence, 157204 bp, circularly permuted, Cluster C1, Order 4, Window 96, Step 12, 62/76
Mycobacterium phage ZygoTaiga complete sequence, 157204 bp, circularly permuted, Cluster C1, Order 4, Window 96, Step 12, 64/76
Mycobacterium phage ZygoTaiga complete sequence, 157204 bp, circularly permuted, Cluster C1, Order 4, Window 96, Step 12, 65/76
Mycobacterium phage ZygoTaiga complete sequence, 157204 bp, circularly permuted, Cluster C1, Order 4, Window 96, Step 12, 66/76
Mycobacterium phage ZygoTaiga complete sequence, 157204 bp, circularly permuted, Cluster C1, Order 4, Window 96, Step 12, 69/76
Mycobacterium phage ZygoTaiga complete sequence, 157204 bp, circularly permuted, Cluster C1, Order 4, Window 96, Step 12, 70/76
Mycobacterium phage ZygoTaiga complete sequence, 157204 bp, circularly permuted, Cluster C1, Order 4, Window 96, Step 12, 71/76
Mycobacterium phage ZygoTaiga complete sequence, 157204 bp, circularly permuted, Cluster C1, Order 4, Window 96, Step 12, 73/76
Complementary Sequence

Direct Sequence

Mycobacterium phage ZygoTaiga complete sequence, 157204 bp, circularly permuted, Cluster C1, Order 4, Window 96, Step 12, 75/76
Mycobacterium phage ZygoTaiga complete sequence, 157204 bp, circularly permuted, Cluster C1, Order 4, Window 96, Step 12, 76/76