**PROGRAM INFORMATION**

- **Sequence**: Mycobacterium phage JorRay complete sequence, 41901 bp including 11-base 3’ overhang (CCCCATGGCAT), Cluster G1
- **Analysis Date**: 1/15/22 at 14:12:50
- **Pages**: 21
- **Sequence Length**: 41901 bp
- **GC Content**: 66.57%
- **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:
- Dr. M. Borodovsky
- Georgia Institute of Technology
- School of Biology
- Atlanta, GA  30332-0230

For help or information, send electronic mail to: custserv@gene pro.com, or mark@amber.biology.gatech.edu
Complementary Sequence Direct Sequence

Nucleotide Position

Mycobacterium phage JorRay complete sequence, 41901 bp including 11-base 3’ overhang (CCCCATGGCAT), Cluster G1, Order 4, Window 96, Step 12, 2/21
Complementary Sequence

Direct Sequence

Nucleotide Position

Mycobacterium phage JorRay complete sequence, 41901 bp including 11-base 3' overhang (CCCCATGGCAT), Cluster G1, Order 4, Window 96, Step 12, 3/21
Complementary Sequence Direct Sequence

Nucleotide Position

4400 4800 5200 5600 6000

Mycobacterium phage JorRay complete sequence, 41901 bp including 11-base 3' overhang (CCCCATGGCAT), Cluster G1, Order 4, Window 96, Step 12, 4/21
Complementary Sequence Direct Sequence

Mycobacterium phage JorRay complete sequence, 41901 bp including 11-base 3’ overhang (CCCCATGGCAT), Cluster G1, Order 4, Window 96, Step 12, 5/21
Complementary Sequence Direct Sequence

Nucleotide Position

Mycobacterium phage JorRay complete sequence, 41901 bp including 11-base 3’ overhang (CCCCATGGCAT), Cluster G1, Order 4, Window 96, Step 12, 6/21
Complementary Sequence Direct Sequence

Nucleotide Position

Mycobacterium phage JorRay complete sequence, 41901 bp including 11-base 3' overhang (CCCCATGGCAT), Cluster G1, Order 4, Window 96, Step 12, 7/21
Complementary Sequence Direct Sequence

Nucleotide Position

Mycobacterium phage JorRay complete sequence, 41901 bp including 11-base 3' overhang (CCCATGGCAT), Cluster G1, Order 4, Window 96, Step 12, 8/21
Complementary Sequence

Direct Sequence

Nucleotide Position

Mycobacterium phage JorRay complete sequence, 41901 bp including 11-base 3' overhang (CCCCATGGCAT), Cluster G1, Order 4, Window 96, Step 12, 9/21
Complementary Sequence Direct Sequence

Nucleotide Position

19200 19600 20000 20400 20800

Mycobacterium phage JorRay complete sequence, 41901 bp including 11-base 3' overhang (CCCCATGGCAT), Cluster G1, Order 4, Window 96, Step 12, 11/21
Complementary Sequence Direct Sequence

Nucleotide Position

Mycobacterium phage Jor-Ray complete sequence, 41901 bp including 11-base 3' overhang (CCCCATGGCAT), Cluster G1, Order 4, Window 96, Step 12, 12/21
Mycobacterium phage JorRay complete sequence, 41901 bp including 11-base 3' overhang (CCCCATGGCAT), Cluster G1, Order 4, Window 96, Step 12, 13/21
Complementary Sequence Direct Sequence

Nucleotide Position

Mycobacterium phage JorRay complete sequence, 41901 bp including 11-base 3' overhang (CCCCATGGCAT), Cluster G1, Order 4, Window 96, Step 12, 14/21
Complementary Sequence Direct Sequence

Mycobacterium phage JorRay complete sequence, 41901 bp including 11-base 3' overhang (CCCCATGGCAT), Cluster G1, Order 4, Window 96, Step 12, 15/21
Complementary Sequence Direct Sequence

Nucleotide Position

Mycobacterium phage JorRay complete sequence, 41901 bp including 11-base 3’ overhang (CCCCATGGCAT), Cluster G1, Order 4, Window 96, Step 12, 16/21
Complementary Sequence

Direct Sequence

Mycobacterium phage JorRay complete sequence, 41901 bp including 11-base 3' overhang (CCCCATGGCAT), Cluster G1, Order 4, Window 96, Step 12, 17/21
Complementary Sequence Direct Sequence

Nucleotide Position

Mycobacterium phage JorRay complete sequence, 41901 bp including 11-base 3’ overhang (CCCCATGGCAT), Cluster G1, Order 4, Window 96, Step 12, 18/21
Mycobacterium phage JorRay complete sequence, 41901 bp including 11-base 3' overhang (CCCCATGGCAT), Cluster G1, Order 4, Window 96, Step 12, 19/21
Complementary Sequence Direct Sequence

Nucleotide Position

Mycobacterium phage JorRay complete sequence, 41901 bp including 11-base 3' overhang (CCCCATGGCAT), Cluster G1, Order 4, Window 96, Step 12, 21/21