### PROGRAM INFORMATION

- **Sequence**: Mycobacterium phage Ellie complete sequence, 61945 bp including 11-base 3’ overhang (CTCGTAGGCAT), Cluster K6
- **Analysis Date**: 1/8/22 at 11:01:59
- **Pages**: 31
- **Sequence Length**: 61945 bp
- **GC Content**: 67.04%
- **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_tuberculosis_H37Rv
- **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
Mycobacterium phage Ellie complete sequence, 61945 bp including 11-base 3' overhang (CTCGTAGGCAT), Cluster K6, Order 4, Window 96, Step 12, 2/31
Mycobacterium phage Ellie complete sequence, 61945 bp including 11-base 3’ overhang (CTCGTAGGCAT), Cluster K6, Order 4, Window 96, Step 12, 3/31
Mycobacterium phage Ellie complete sequence, 61945 bp including 11-base 3' overhang (CTCGTAGGCAT), Cluster K6, Order 4, Window 96, Step 12, 4/31
Complementary Sequence Direct Sequence

Nucleotide Position

Mycobacterium phage Ellie complete sequence, 61945 bp including 11-base 3' overhang (CTCGTAGGCAT), Cluster K6, Order 4, Window 96, Step 12, 5/31
Mycobacterium phage Ellie complete sequence, 61945 bp including 11-base 3' overhang (CTCGTAGGCAT), Cluster K6, Order 4, Window 96, Step 12, 6/31
Complementary Sequence Direct Sequence

Nucleotide Position

Mycobacterium phage Ellie complete sequence, 61945 bp including 11-base 3’ overhang (CTCGTAGGCAT), Cluster K6, Order 4, Window 96, Step 12, 7/31
Mycobacterium phage Ellie complete sequence, 61945 bp including 11-base 3' overhang (CTCGTAGGCAT), Cluster K6, Order 4, Window 96, Step 12, 8/31
Complementary Sequence Direct Sequence

Nucleotide Position

Mycobacterium phage Ellie complete sequence, 61945 bp including 11-base 3’ overhang (CTCGTAGGCAT), Cluster K6, Order 4, Window 96, Step 12, 9/31
Mycobacterium phage Ellie complete sequence, 61945 bp including 11-base 3' overhang (CTCGTAGGCAT), Cluster K6, Order 4, Window 96, Step 12, 10/31
Complementary Sequence Direct Sequence

Nucleotide Position

Mycobacterium phage Ellie complete sequence, 61945 bp including 11-base 3' overhang (CTCGTAGGCAT), Cluster K6, Order 4, Window 96, Step 12, 11/31
Complementary Sequence Direct Sequence

Nucleotide Position

Mycobacterium phage Ellie complete sequence, 61945 bp including 11-base 3' overhang (CTCGTAGGCAT), Cluster K6, Order 4, Window 96, Step 12, 12/31
Complementary Sequence Direct Sequence

Nucleotide Position
Mycobacterium phage Ellie complete sequence, 61945 bp including 11-base 3’ overhang (CTCGTAGGCAT), Cluster K6, Order 4, Window 96, Step 12, 14/31

Complementary Sequence

Direct Sequence

Nucleotide Position
Complementary Sequence

Direct Sequence

Nucleotide Position

Mycobacterium phage Ellie complete sequence, 61945 bp including 11-base 3' overhang (CTCGTAGGCAT), Cluster K6, Order 4, Window 96, Step 12, 15/31
Complementary Sequence Direct Sequence

Nucleotide Position

Mycobacterium phage Ellie complete sequence, 61945 bp including 11-base 3' overhang (CTCGTAGGCAT), Cluster K6, Order 4, Window 96, Step 12, 16/31
Complementary Sequence Direct Sequence

Nucleotide Position

Mycobacterium phage Ellie complete sequence, 61945 bp including 11-base 3' overhang (CTCGTAGGCAT), Cluster K6, Order 4, Window 96, Step 12, 18/31

Nucleotide Position
Mycobacterium phage Ellie complete sequence, 61945 bp including 11-base 3' overhang (CTCGTAGGCAT), Cluster K6, Order 4, Window 96, Step 12, 19/31
Complementary Sequence Direct Sequence

Mycobacterium phage Ellie complete sequence, 61945 bp including 11-base 3' overhang (CTCGTAGGCAT), Cluster K6, Order 4, Window 96, Step 12, 20/31
Complementary Sequence

Direct Sequence

Nucleotide Position

Mycobacterium phage Ellie complete sequence, 61945 bp including 11-base 3' overhang (CTCGTAGGCAT), Cluster K6, Order 4, Window 96, Step 12, 21/31
Mycobacterium phage Ellie complete sequence, 61945 bp including 11-base 3' overhang (CTCGTAGGCAT), Cluster K6, Order 4, Window 96, Step 12, 22/31
Complementary Sequence Direct Sequence

Nucleotide Position

Mycobacterium phage Ellie complete sequence, 61945 bp including 11-base 3' overhang (CTCGTAGGCAT), Cluster K6, Order 4, Window 96, Step 12, 24/31
Complementary Sequence Direct Sequence

Nucleotide Position

48800 49200 49600 50000 50400

Mycobacterium phage Ellie complete sequence, 61945 bp including 11-base 3' overhang (CTCGTAGGCAT), Cluster K6, Order 4, Window 96, Step 12, 25/31
Complementary Sequence Direct Sequence

Nucleotide Position

Mycobacterium phage Ellie complete sequence, 61945 bp including 11-base 3' overhang (CTCGTAGGCAT), Cluster K6, Order 4, Window 96, Step 12, 26/31
Mycobacterium phage Ellie complete sequence, 61945 bp including 11-base 3' overhang (CTCGTAGGCAT), Cluster K6, Order 4, Window 96, Step 12, 27/31

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Complementary Sequence Direct Sequence

Nucleotide Position

Mycobacterium phage Ellie complete sequence, 61945 bp including 11-base 3’ overhang (CTCGTAGGCAT), Cluster K6, Order 4, Window 96, Step 12, 28/31
Mycobacterium phage Ellie complete sequence, 61945 bp including 11-base 3' overhang (CTCGTAGGCAT), Cluster K6, Order 4, Window 96, Step 12, 30/31
Complementary Sequence Direct Sequence

Nucleotide Position

Mycobacterium phage Ellie complete sequence, 61945 bp including 11-base 3' overhang (CTCGTAGGCAT), Cluster K6, Order 4, Window 96, Step 12, 31/31

Nucleotide Position