PROGRAM INFORMATION

Sequence          : Mycobacterium phage Apocalypse complete sequence, 59947 bp including 11-base 3' overhang (CTCGTAGGCAT), Cluster K1
Analysis Date     : 1/4/22 at 1:55:05
Pages             : 30
Sequence Length   : 59947 bp
GC Content        : 66.37%
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:
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For help or information, send electronic mail to: custserv@genepro.com, or mark@amber.biology.gatech.edu
Complementary Sequence Direct Sequence

Nucleotide Position

Mycobacterium phage Apocalypse complete sequence, 59947 bp including 11-base 3' overhang (CTCGTAGGCAT), Cluster K1, Order 4, Window 96, Step 12, 2/30
Complementary Sequence

Direct Sequence

Mycobacterium phage Apocalypse complete sequence, 59947 bp including 11-base 3' overhang (CTCGTAGGCAT), Cluster K1, Order 4, Window 96, Step 12, 3/30
Mycobacterium phage Apocalypse complete sequence, 59947 bp including 11-base 3' overhang (CTCGTAGGCAT), Cluster K1, Order 4, Window 96, Step 12, 4/30
Complementary Sequence Direct Sequence

Nucleotide Position

8800 9200 9600 10000 10400

Mycobacterium phage Apocalypse complete sequence, 59947 bp including 11-base 3' overhang (CTCGTAGGCA), Cluster K1, Order 4, Window 96, Step 12, 6/30
Complementary Sequence

Direct Sequence

Nucleotide Position

Mycobacterium phage Apocalypse complete sequence, 59947 bp including 11-base 3’ overhang (CTCGTAGGCAT), Cluster K1, Order 4, Window 96, Step 12, 7/30
Complementary Sequence Direct Sequence

Nucleotide Position

12800 13200 13600 14000 14400 14800

Mycobacterium phage Apocalypse complete sequence, 59947 bp including 11-base 3' overhang (CTCGTAGGCAT), Cluster K1, Order 4, Window 96, Step 12, 8/30
Mycobacterium phage Apocalypse complete sequence, 59947 bp including 11-base 3’ overhang (CTCGTAGGCAT), Cluster K1, Order 4, Window 96, Step 12, 9/30
Mycobacterium phage Apocalypse complete sequence, 59947 bp including 11-base 3' overhang (CTCGTAGGCAT), Cluster K1, Order 4, Window 96, Step 12, 11/30
Complementary Sequence

Direct Sequence

Mycobacterium phage Apocalypse complete sequence, 59947 bp including 11-base 3' overhang (CTCGTAGGCAT), Cluster K1, Order 4, Window 96, Step 12, 12/30
Complementary Sequence vs. Direct Sequence, Nucleotide Position 23600 to 25200.

Mycobacterium phage Apocalypse complete sequence, 59947 bp including 11-base 3' overhang (CTCGTAGGCAT), Cluster K1, Order 4, Window 96, Step 12, 13/30.
Mycobacterium phage Apocalypse complete sequence, 59947 bp including 11-base 3' overhang (CTCGTAGGCAT), Cluster K1, Order 4, Window 96, Step 12, 14/30
Complementary Sequence Direct Sequence

Nucleotide Position

27600 28000 28400 28800 29200 29600

Mycobacterium phage Apocalypse complete sequence, 59947 bp including 11-base 3' overhang (CTCGTAGGCAT), Cluster K1, Order 4, Window 96, Step 12, 15/30
Complementary Sequence Direct Sequence

Nucleotide Position

Mycobacterium phage Apocalypse complete sequence, 59947 bp including 11-base 3' overhang (CTCGTAGGCAT), Cluster K1, Order 4, Window 96, Step 12, 16/30
Complementary Sequence Direct Sequence

Nucleotide Position

Mycobacterium phage Apocalypse complete sequence, 59947 bp including 11-base 3' overhang (CTCGTAGGCAT), Cluster K1, Order 4, Window 96, Step 12, 17/30
Mycobacterium phage Apocalypse complete sequence, 59947 bp including 11-base 3' overhang (CTCGTAGGCAT), Cluster K1, Order 4, Window 96, Step 12, 18/30
Complementary Sequence

Direct Sequence

Nucleotide Position

Mycobacterium phage Apocalypse complete sequence, 59947 bp including 11-base 3' overhang (CTCGTAGGCAT), Cluster K1, Order 4, Window 96, Step 12, 19/30
Complementary Sequence Direct Sequence

Nucleotide Position

38400 38800 39200 39600 40000

Mycobacterium phage Apocalypse complete sequence, 59947 bp including 11-base 3' overhang (CTCGTAGGCAT), Cluster K1, Order 4, Window 96, Step 12, 20/30
Mycobacterium phage Apocalypse complete sequence, 59947 bp including 11-base 3’ overhang (CTCGTAGGCAT), Cluster K1, Order 4, Window 96, Step 12, 22/30
Complementary Sequence

Direct Sequence

Nucleotide Position

Mycobacterium phage Apocalypse complete sequence, 59947 bp including 11-base 3' overhang (CTCGTAGGCAT), Cluster K1, Order 4, Window 96, Step 12, 24/30
Mycobacterium phage Apocalypse complete sequence, 59947 bp including 11-base 3’ overhang (CTCGTAGGCAT), Cluster K1, Order 4, Window 96, Step 12, 25/30
Complementary Sequence

Direct Sequence

Nucleotide Position

Mycobacterium phage Apocalypse complete sequence, 59947 bp including 11-base 3' overhang (CTCGTAGGCAT), Cluster K1, Order 4, Window 96, Step 12, 26/30
Complementary Sequence Direct Sequence

Nucleotide Position

53200 53600 54000 54400 54800

Mycobacterium phage Apocalypse complete sequence, 59947 bp including 11-base 3' overhang (CTCGTAGGCAT), Cluster K1, Order 4, Window 96, Step 12, 27/30
Complementary Sequence Direct Sequence

Nucleotide Position

55200 55600 56000 56400 56800

Mycobacterium phage Apocalypse complete sequence, 59947 bp including 11-base 3' overhang (CTCGTAGGCAT), Cluster K1, Order 4, Window 96, Step 12, 28/30
Complementary Sequence Direct Sequence

Nucleotide Position

57200 57600 58000 58400 58800

Mycobacterium phage Apocalypse complete sequence, 59947 bp including 11-base 3' overhang (CTCGTAGGCAT), Cluster K1, Order 4, Window 96, Step 12, 29/30
Complementary Sequence Direct Sequence

Nucleotide Position

59200 59600 60000 60400 60800 61200

Mycobacterium phage Apocalypse complete sequence, 59947 bp including 11-base 3' overhang (CTCGTAGGCAT), Cluster K1, Order 4, Window 96, Step 12, 30/30