PROGRAM INFORMATION

Sequence : Mycobacterium phage Rey Final Sequence, 83724 bp, 11-base 3’ overhang (ACCCCATGCAA), Singleton, GPCL454, 19 Primers
Analysis Date : 3/14/21 at 12:34:55
Pages : 41
Sequence Length : 83724 bp
GC Content : 60.87%
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
Complementary Sequence Direct Sequence

Nucleotide Position 400 800 1200 1600 2000

Mycobacterium phage Rey Final Sequence, 83724 bp, 11-base 3’ overhang (ACCCCATGCAA), Singleton, GPCL454, 19 Primers, Order 4, Window 96, Step 12, 2/41
Sequence, 83724 bp, 11-base 3’ overhang (ACCCCATGCAA), Singleton, GPCL454, 19 Primers, Order 4, Window 96, Step 12, 3/41
Complementary Sequence Direct Sequence

Mycobacterium phage Rey Final Sequence, 83724 bp, 11-base 3’ overhang (ACCCCATGCAA), Singleton, GPCL454, 19 Primers, Order 4, Window 96, Step 12, 4/41
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Sequence, 83724 bp, 11-base 3' overhang (ACCCCATGCAA), Singleton, GPCL454, 19 Primers, Order 4, Window 96, Step 12, 6/41
Complementary Sequence Direct Sequence

Nucleotide Position

Mycobacterium phage Rey Final Sequence, 83724 bp, 11-base 3' overhang (ACCCCATGCAA), Singleton, GPCL454, 19 Primers, Order 4, Window 96, Step 12, 7/41
Sequence, 83724 bp, 11-base 3' overhang (ACCCCATGCAA), Singleton, GPCL454, 19 Primers, Order 4, Window 96, Step 12, 8/41
Complementary Sequence Direct Sequence
Nucleotide Position
15200 15600 16000 16400 16800
15200 15600 16000 16400 16800
15200 15600 16000 16400 16800
15200 15600 16000 16400 16800
15200 15600 16000 16400 16800
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Mycobacterium phage Rey Final Sequence, 83724 bp, 11-base 3' overhang (ACCCCATGCAA), Singleton, GPCL454, 19 Primers, Order 4, Window 96, Step 12, 9/41
Mycobacterium phage Rey Final Sequence, 83724 bp, 11-base 3' overhang (ACCCCATGCAA), Singleton, GPCL454, 19 Primers, Order 4, Window 96, Step 12, 11/41
Complementary Sequence Direct Sequence

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Mycobacterium phage Rey Final Sequence, 83724 bp, 11-base 3’ overhang (ACCCCATGCAA), Singleton, GPCL454, 19 Primers, Order 4, Window 96, Step 12, 12/41
Complementary Sequence Direct Sequence

Nucleotide Position

23600 24000 24400 24800 25200

Mycobacterium phage Rey Final Sequence, 83724 bp, 11-base 3' overhang (ACCCCATGCAA), Singleton, GPCL454, 19 Primers, Order 4, Window 96, Step 12, 13/41
Complementary Sequence

Direct Sequence

Nucleotide Position: 27600 28000 28400 28800 29200 29600

Mycobacterium phage Rey Final Sequence, 83724 bp, 11-base 3' overhang (ACCCCATGCAA), Singleton, GPCL454, 19 Primers, Order 4, Window 96, Step 12, 15/41
Mycobacterium phage Rey Final Sequence, 83724 bp, 11-base 3' overhang (ACCCCATGCAA), Singleton, GPCL454, 19 Primers, Order 4, Window 96, Step 12, 16/41
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Sequence, 83724 bp, 11-base 3’ overhang (ACCCCATGCAA), Singleton, GPCL454, 19 Primers, Order 4, Window 96, Step 12, 18/41
Complementary Sequence Direct Sequence

Nucleotide Position

Mycobacterium phage Rey Final Sequence, 83724 bp, 11-base 3' overhang (ACCCATGCAA), Singleton, GPCL454, 19 Primers, Order 4, Window 96, Step 12, 19/41
Complementary Sequence

Direct Sequence

Nucleotide Position

Mycobacterium phage Rey Final Sequence, 83724 bp, 11-base 3' overhang (ACCCATGCAA), Singleton, GPCL454, 19 Primers, Order 4, Window 96, Step 12, 20/41
Mycobacterium phage Rey Final Sequence, 83724 bp, 11-base 3’ overhang (ACCCATGCAA), Singleton, GPCL454, 19 Primers, Order 4, Window 96, Step 12, 22/41
Complementary Sequence Direct Sequence

Nucleotide Position

Mycobacterium phage Rey Final Sequence, 83724 bp, 11-base 3' overhang (ACCCATGCAA), Singleton, GPCL454, 19 Primers, Order 4, Window 96, Step 12, 23/41
Sequence, 83724 bp, 11-base 3' overhang (ACCCCATGCAA), Singleton, GPCL454, 19 Primers, Order 4, Window 96, Step 12, 24/41
Complementary Sequence Direct Sequence

Nucleotide Position

Mycobacterium phage Rey Final Sequence, 83724 bp, 11-base 3' overhang (ACCCCATGCAA), Singleton, GPCL454, 19 Primers, Order 4, Window 96, Step 12, 25/41
Mycobacterium phage Rey Final Sequence, 83724 bp, 11-base 3' overhang (ACCCCATGCAA), Singleton, GPCL454, 19 Primers, Order 4, Window 96, Step 12, 27/41
Complementary Sequence Direct Sequence

Nucleotide Position

55200 55600 56000 56400 56800

Mycobacterium phage Rey Final Sequence, 83724 bp, 11-base 3' overhang (ACCCCATGCAA), Singleton, GPCL454, 19 Primers, Order 4, Window 96, Step 12, 28/41
Mycobacterium phage Rey Final Sequence, 83724 bp, 11-base 3' overhang (ACCCATGCAA), Singleton, GPCL454, 19 Primers, Order 4, Window 96, Step 12, 30/41
Complementary Sequence Direct Sequence

Nucleotide Position

Mycobacterium phage Rey Final Sequence, 83724 bp, 11-base 3' overhang (ACCCCATGCAA), Singleton, GPCL454, 19 Primers, Order 4, Window 96, Step 12, 31/41
Mycobacterium phage Rey Final Sequence, 83724 bp, 11-base 3' overhang (ACCCATGCAA), Singleton, GPCL454, 19 Primers, Order 4, Window 96, Step 12, 32/41
Complementary Sequence Direct Sequence

Nucleotide Position

Mycobacterium phage Rey Final Sequence, 83724 bp, 11-base 3' overhang (ACCCCATGCAA), Singleton, GPCL454, 19 Primers, Order 4, Window 96, Step 12, 33/41
Complementary Sequence Direct Sequence

Nucleotide Position

Mycobacterium phage Rey Final Sequence, 83724 bp, 11-base 3' overhang (ACCCATGCAA), Singleton, GPCL454, 19 Primers, Order 4, Window 96, Step 12, 35/41
Complementary Sequence Direct Sequence

Nucleotide Position

Mycobacterium phage Rey Final Sequence, 83724 bp, 11-base 3' overhang (ACCCATGCAA), Singleton, GPCL454, 19 Primers, Order 4, Window 96, Step 12, 36/41
Complementary Sequence Direct Sequence

Nucleotide Position

74000 74400 74800 75200 75600 76000

Mycobacterium phage Rey Final Sequence, 83724 bp, 11-base 3' overhang (ACCCCATGCAA), Singleton, GPCL454, 19 Primers, Order 4, Window 96, Step 12, 37/41
Sequence, 83724 bp, 11-base 3’ overhang (ACCCCATGCAA), Singleton, GPCL454, 19 Primers, Order 4, Window 96, Step 12, 38/41
Complementary Sequence

Direct Sequence

Nucleotide Position
Figures showing the complementary and direct sequence of Mycobacterium phage Rey, 83724 bp, 11-base 3' overhang (ACCCATGCAA), Singleton, GPCL454, 19 Primers, Order 4, Window 96, Step 12, 40/41.
Complementary Sequence

Direct Sequence

Nucleotide Position

Mycobacterium phage Rey Final Sequence, 83724 bp, 11-base 3' overhang (ACCCATGCAA), Singleton, GPCL454, 19 Primers, Order 4, Window 96, Step 12, 41/41