**PROGRAM INFORMATION**

Sequence : Mycobacterium phage TelAviv complete sequence, 71455 bp including 4 bp 3’ overhang (GTGT), Cluster O  
Analysis Date : 12/26/21 at 8:25:15  
Pages : 35  
Sequence Length : 71455 bp  
GC Content : 65.43%  
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,
Complementary Sequence

Direct Sequence

Nucleotide Position

Mycobacterium phage TelAviv complete sequence, 71455 bp including 4 bp 3' overhang (GTGT), Cluster O, Order 4, Window 96, Step 12, 2/35
Complementary Sequence Direct Sequence

Nucleotide Position

Mycobacterium phage TelAviv complete sequence, 71455 bp including 4 bp 3' overhang (GTGT), Cluster O, Order 4, Window 96, Step 12, 4/35
Complementary Sequence Direct Sequence

Nucleotide Position

Mycobacterium phage TelAviv complete sequence, 71455 bp including 4 bp 3’ overhang (GTGT), Cluster O, Order 4, Window 96, Step 12, 5/35
Complementary Sequence Direct Sequence

Nucleotide Position

Mycobacterium phage TelAviv complete sequence, 71455 bp including 4 bp 3' overhang (GTGT), Cluster O, Order 4, Window 96, Step 12, 6/35
Mycobacterium phage TelAviv complete sequence, 71455 bp including 4 bp 3’ overhang (GTGT), Cluster O, Order 4, Window 96, Step 12, 7/35
Mycobacterium phage TelAviv complete sequence, 71455 bp including 4 bp 3’ overhang (GTGT), Cluster O, Order 4, Window 96, Step 12, 8/35
Mycobacterium phage TelAviv complete sequence, 71455 bp including 4 bp 3' overhang (GTGT), Cluster O, Order 4, Window 96, Step 12, 9/35
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Mycobacterium phage TelAviv complete sequence, 71455 bp including 4 bp 3’ overhang (GTGT), Cluster O, Order 4, Window 96, Step 12, 10/35
Complementary Sequence

Direct Sequence

Nucleotide Position

Mycobacterium phage TelAviv complete sequence, 71455 bp including 4 bp 3’ overhang (GTGT), Cluster O, Order 4, Window 96, Step 12, 11/35
Mycobacterium phage TelAviv complete sequence, 71455 bp including 4 bp 3’ overhang (GTGT), Cluster O, Order 4, Window 96, Step 12, 12/35
The image displays a graph illustrating the complementary sequence of a DNA region, specifically focusing on nucleotide positions 23600 to 25200. The sequence is compared to a direct sequence with various peaks and troughs indicating the similarity and differences between the two sequences. The x-axis represents the nucleotide position, while the y-axis shows the intensity of the sequence overlap. The data is extracted from the Mycobacterium phage TelAviv complete sequence, which is 71455 bp long, including a 4 bp 3' overhang (GTGT), and it is part of Cluster O, Order 4, with a Window size of 96 and a Step size of 12. The graph suggests that there are regions of higher similarity (peaks) and lower similarity (troughs) throughout the sequence, which is crucial for understanding the genetic makeup and potential functions of this phage.
phage TelAviv complete sequence, 71455 bp including 4 bp 3' overhang (GTGT), Cluster O, Order 4, Window 96, Step 12, 14/35
Complementary Sequence Direct Sequence

Nucleotide Position

Mycobacterium phage TelAviv complete sequence, 71455 bp including 4 bp 3' overhang (GTGT), Cluster O, Order 4, Window 96, Step 12, 15/35
Complementary Sequence Direct Sequence

Nucleotide Position 30000 30400 30800 31200 31600

Mycobacterium phage TelAviv complete sequence, 71455 bp including 4 bp 3' overhang (GTGT), Cluster O, Order 4, Window 96, Step 12, 16/35
phage TelAviv complete sequence, 71455 bp including 4 bp 3’ overhang (GTGT), Cluster O, Order 4, Window 96, Step 12, 17/35
phage TelAviv complete sequence, 71455 bp including 4 bp 3' overhang (GTGT), Cluster O, Order 4, Window 96, Step 12, 18/35
Complementary Sequence Direct Sequence

Nucleotide Position

Mycobacterium phage TelAviv complete sequence, 71455 bp including 4 bp 3’ overhang (GTGT), Cluster O, Order 4, Window 96, Step 12, 19/35
Complementary Sequence

Direct Sequence

Mycobacterium phage TelAviv complete sequence, 71455 bp including 4 bp 3' overhang (GTGT), Cluster O, Order 4, Window 96, Step 12, 20/35
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Complementary Sequence

Mycobacterium phage TelAviv complete sequence, 71455 bp including 4 bp 3' overhang (GTGT), Cluster O, Order 4, Window 96, Step 12, 21/35
Mycobacterium phage TelAviv complete sequence, 71455 bp including 4 bp 3' overhang (GTGT), Cluster O, Order 4, Window 96, Step 12, 22/35
Complementary Sequence Direct Sequence

Nucleotide Position

Mycobacterium phage TelAviv complete sequence, 71455 bp including 4 bp 3’ overhang (GTGT), Cluster O, Order 4, Window 96, Step 12, 23/35
phage TelAviv complete sequence, 71455 bp including 4 bp 3' overhang (GTGT), Cluster O, Order 4, Window 96, Step 12, 24/35
Complementary Sequence Direct Sequence

Nucleotide Position

Mycobacterium phage TelAviv complete sequence, 71455 bp including 4 bp 3' overhang (GTGT), Cluster O, Order 4, Window 96, Step 12, 25/35
Mycobacterium phage TelAviv complete sequence, 71455 bp including 4 bp 3' overhang (GTGT), Cluster O, Order 4, Window 96, Step 12, 26/35
Complementary Sequence

Nucleotide Position

Mycobacterium phage TelAviv complete sequence, 71455 bp including 4 bp 3' overhang (GTGT), Cluster O, Order 4, Window 96, Step 12, 27/35
Complementary Sequence Direct Sequence

Nucleotide Position

Mycobacterium phage TelAviv complete sequence, 71455 bp including 4 bp 3' overhang (GTGT), Cluster O, Order 4, Window 96, Step 12, 29/35
Complementary Sequence

Direct Sequence

Nucleotide Position

Mycobacterium phage TelAviv complete sequence, 71455 bp including 4 bp 3' overhang (GTGT), Cluster O, Order 4, Window 96, Step 12, 31/35
Complementary Sequence Direct Sequence

Nucleotide Position

Mycobacterium phage TelAviv complete sequence, 71455 bp including 4 bp 3' overhang (GTGT), Cluster O, Order 4, Window 96, Step 12, 32/35
Complementary Sequence Direct Sequence

Nucleotide Position

Mycobacterium phage TelAviv complete sequence, 71455 bp including 4 bp 3' overhang (GTGT), Cluster O, Order 4, Window 96, Step 12, 33/35
Complementary Sequence Direct Sequence

Nucleotide Position

Mycobacterium phage TelAviv complete sequence, 71455 bp including 4 bp 3' overhang (GTGT), Cluster O, Order 4, Window 96, Step 12, 34/35