Pham 348185


4
6
10
1: Madamato_45
3
6
7
12
2: Natsu_30
1
2
13
3: CricKo_40 + 5
2
13
4: FromIndy_40
4
6
9
11
5: Bing_48
4
6
11
14
6: Wigberry_46 + 1
1
2
5
6
8
7: Kardashian_42

Note: Tracks are now grouped by subcluster and scaled. Switching in subcluster is indicated by changes in track color. Track scale is now set by default to display the region 30 bp upstream of start 1 to 30 bp downstream of the last possible start. If this default region is judged to be packed too tightly with annotated starts, the track will be further scaled to only show that region of the ORF with annotated starts. This action will be indicated by adding "Zoomed" to the title. For starts, yellow indicates the location of called starts comprised solely of Glimmer/GeneMark auto-annotations, green indicates the location of called starts with at least 1 manual gene annotation.

Pham 348185 Report

This analysis was run 11/14/26 on database version 672.

Pham number 348185 has 13 members, 4 are drafts.

Phages represented in each track:
• Track 1 : Madamato_45
• Track 2 : Natsu_30
• Track 3 : CricKo_40, Thiqqums_40, Miek_39, SendItCS_38, Rainydai_39, Regigigas_41
• Track 4 : FromIndy_40
• Track 5 : Bing_48
• Track 6 : Wigberry_46, Hajile_47
• Track 7 : Kardashian_42

Summary of Final Annotations (See graph section above for start numbers):

The start number called the most often in the published annotations is 2, it was called in 6 of the 9 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• CricKo_40, FromIndy_40, Kardashian_42, Miek_39, Rainydai_39, Regigigas_41, SendItCS_38, Thiqqums_40,

Genes that have the "Most Annotated" start but do not call it:
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Genes that do not have the "Most Annotated" start:
• Bing_48, Hajile_47, Madamato_45, Natsu_30, Wigberry_46,

Summary by start number:

Start 2:
• Found in 8 of 13 (61.5%) of genes in pham
• Manual Annotations of this start: 6 of 9
• Called 100.0% of time when present
• Phage (with cluster) where this start called: CricKo_40 (BI4), FromIndy_40 (BI4), Kardashian_42 (BI6), Miek_39 (BI4), Rainydai_39 (BI4), Regigigas_41 (BI4), SendItCS_38 (BI4), Thiqqums_40 (BI4),

Start 3:
• Found in 1 of 13 (7.7%) of genes in pham
• No Manual Annotations of this start.
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Natsu_30 (BI2),

Start 4:
• Found in 4 of 13 (30.8%) of genes in pham
• Manual Annotations of this start: 3 of 9
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Bing_48 (BI5), Hajile_47 (BI5), Madamato_45 (BI1), Wigberry_46 (BI5),

Summary by clusters:

There are 5 clusters represented in this pham: BI6, BI4, BI5, BI2, BI1,

Info for manual annotations of cluster BI1:
•Start number 4 was manually annotated 1 time for cluster BI1.

Info for manual annotations of cluster BI4:
•Start number 2 was manually annotated 5 times for cluster BI4.

Info for manual annotations of cluster BI5:
•Start number 4 was manually annotated 2 times for cluster BI5.

Info for manual annotations of cluster BI6:
•Start number 2 was manually annotated 1 time for cluster BI6.

Gene Information:

Gene: Bing_48 Start: 31061, Stop: 31282, Start Num: 4
Candidate Starts for Bing_48:
(Start: 4 @31061 has 3 MA's), (6, 31097), (9, 31193), (11, 31223),

Gene: CricKo_40 Start: 28217, Stop: 28486, Start Num: 2
Candidate Starts for CricKo_40:
(1, 28190), (Start: 2 @28217 has 6 MA's), (13, 28427),

Gene: FromIndy_40 Start: 27820, Stop: 28089, Start Num: 2
Candidate Starts for FromIndy_40:
(Start: 2 @27820 has 6 MA's), (13, 28030),

Gene: Hajile_47 Start: 30304, Stop: 30525, Start Num: 4
Candidate Starts for Hajile_47:
(Start: 4 @30304 has 3 MA's), (6, 30340), (11, 30466), (14, 30493),

Gene: Kardashian_42 Start: 29744, Stop: 30022, Start Num: 2
Candidate Starts for Kardashian_42:
(1, 29717), (Start: 2 @29744 has 6 MA's), (5, 29792), (6, 29804), (8, 29813),

Gene: Madamato_45 Start: 30215, Stop: 30487, Start Num: 4
Candidate Starts for Madamato_45:
(Start: 4 @30215 has 3 MA's), (6, 30260), (10, 30362),

Gene: Miek_39 Start: 27833, Stop: 28102, Start Num: 2
Candidate Starts for Miek_39:
(1, 27806), (Start: 2 @27833 has 6 MA's), (13, 28043),

Gene: Natsu_30 Start: 23837, Stop: 24085, Start Num: 3
Candidate Starts for Natsu_30:
(3, 23837), (6, 23882), (7, 23888), (12, 24020),

Gene: Rainydai_39 Start: 28217, Stop: 28486, Start Num: 2
Candidate Starts for Rainydai_39:
(1, 28190), (Start: 2 @28217 has 6 MA's), (13, 28427),

Gene: Regigigas_41 Start: 28217, Stop: 28486, Start Num: 2
Candidate Starts for Regigigas_41:
(1, 28190), (Start: 2 @28217 has 6 MA's), (13, 28427),

Gene: SendItCS_38 Start: 27833, Stop: 28090, Start Num: 2
Candidate Starts for SendItCS_38:
(1, 27806), (Start: 2 @27833 has 6 MA's), (13, 28031),

Gene: Thiqqums_40 Start: 28217, Stop: 28486, Start Num: 2
Candidate Starts for Thiqqums_40:
(1, 28190), (Start: 2 @28217 has 6 MA's), (13, 28427),

Gene: Wigberry_46 Start: 30307, Stop: 30528, Start Num: 4
Candidate Starts for Wigberry_46:
(Start: 4 @30307 has 3 MA's), (6, 30343), (11, 30469), (14, 30496),