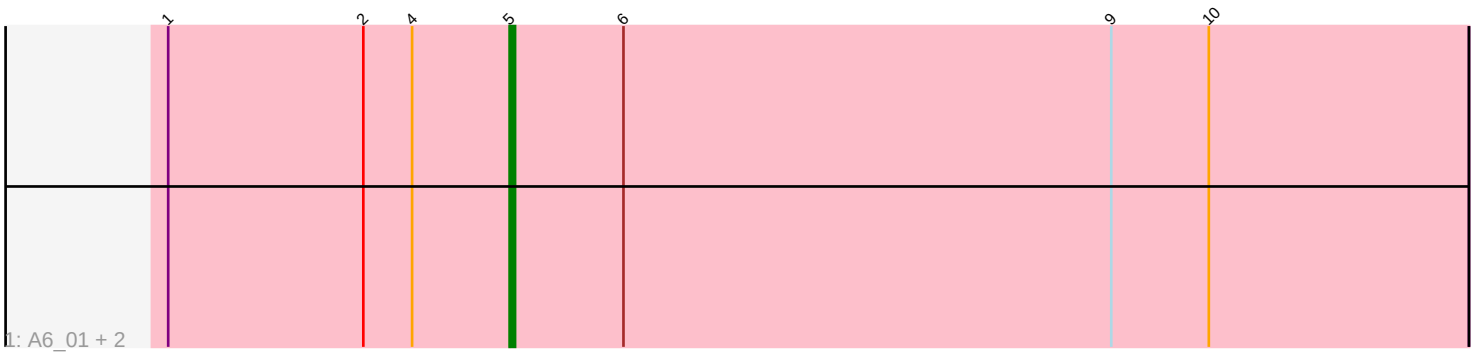
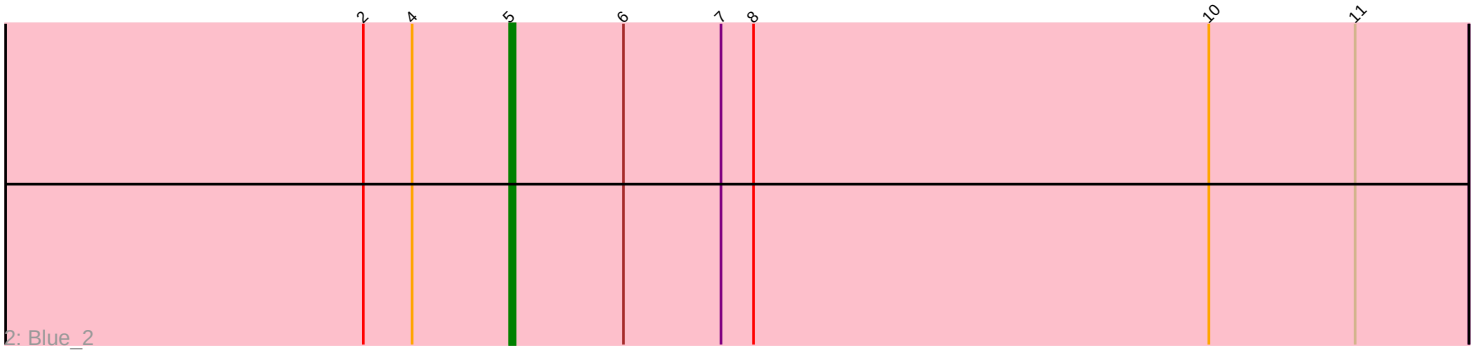
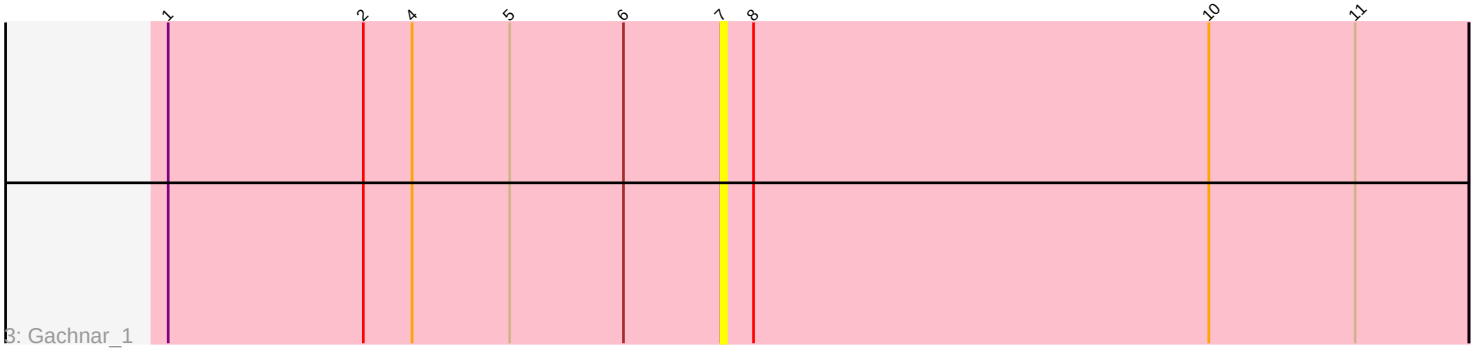
Pham 348361


1
2
4
5
6
9
10
1: A6_01 + 2


2
4
5
6
7
8
10
11
2: Blue_2


1
2
4
5
6
7
8
10
11
3: Gachnar_1


3
10
12
4: Nebkiss_116 + 1

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 348361 Report

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

Pham number 348361 has 7 members, 1 are drafts.

Phages represented in each track:
• Track 1 : A6_01, Carlyle_1, BK1_01
• Track 2 : Blue_2
• Track 3 : Gachnar_1
• Track 4 : Nebkiss_116, Gaia_115

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

The start number called the most often in the published annotations is 5, it was called in 4 of the 6 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• A6_01, BK1_01, Blue_2, Carlyle_1,

Genes that have the "Most Annotated" start but do not call it:
• Gachnar_1,

Genes that do not have the "Most Annotated" start:
• Gaia_115, Nebkiss_116,

Summary by start number:

Start 3:
• Found in 2 of 7 (28.6%) of genes in pham
• Manual Annotations of this start: 2 of 6
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Gaia_115 (X), Nebkiss_116 (X),

Start 5:
• Found in 5 of 7 (71.4%) of genes in pham
• Manual Annotations of this start: 4 of 6
• Called 80.0% of time when present
• Phage (with cluster) where this start called: A6_01 (A1), BK1_01 (A1), Blue_2 (A1), Carlyle_1 (A1),

Start 7:
• Found in 2 of 7 (28.6%) of genes in pham
• No Manual Annotations of this start.
• Called 50.0% of time when present
• Phage (with cluster) where this start called: Gachnar_1 (A1),

Summary by clusters:

There are 2 clusters represented in this pham: A1, X,

Info for manual annotations of cluster A1:
•Start number 5 was manually annotated 4 times for cluster A1.

Info for manual annotations of cluster X:
•Start number 3 was manually annotated 2 times for cluster X.

Gene Information:

Gene: A6_01 Start: 595, Stop: 771, Start Num: 5
Candidate Starts for A6_01:
(1, 532), (2, 568), (4, 577), (Start: 5 @595 has 4 MA's), (6, 616), (9, 706), (10, 724),

Gene: BK1_01 Start: 595, Stop: 771, Start Num: 5
Candidate Starts for BK1_01:
(1, 532), (2, 568), (4, 577), (Start: 5 @595 has 4 MA's), (6, 616), (9, 706), (10, 724),

Gene: Blue_2 Start: 1059, Stop: 1235, Start Num: 5
Candidate Starts for Blue_2:
(2, 1032), (4, 1041), (Start: 5 @1059 has 4 MA's), (6, 1080), (7, 1098), (8, 1104), (10, 1188), (11, 1215),

Gene: Carlyle_1 Start: 605, Stop: 781, Start Num: 5
Candidate Starts for Carlyle_1:
(1, 542), (2, 578), (4, 587), (Start: 5 @605 has 4 MA's), (6, 626), (9, 716), (10, 734),

Gene: Gachnar_1 Start: 635, Stop: 772, Start Num: 7
Candidate Starts for Gachnar_1:
(1, 533), (2, 569), (4, 578), (Start: 5 @596 has 4 MA's), (6, 617), (7, 635), (8, 641), (10, 725), (11, 752),

Gene: Gaia_115 Start: 65557, Stop: 65751, Start Num: 3
Candidate Starts for Gaia_115:
(Start: 3 @65557 has 2 MA's), (10, 65704), (12, 65737),

Gene: Nebkiss_116 Start: 64483, Stop: 64677, Start Num: 3
Candidate Starts for Nebkiss_116:
(Start: 3 @64483 has 2 MA's), (10, 64630), (12, 64663),