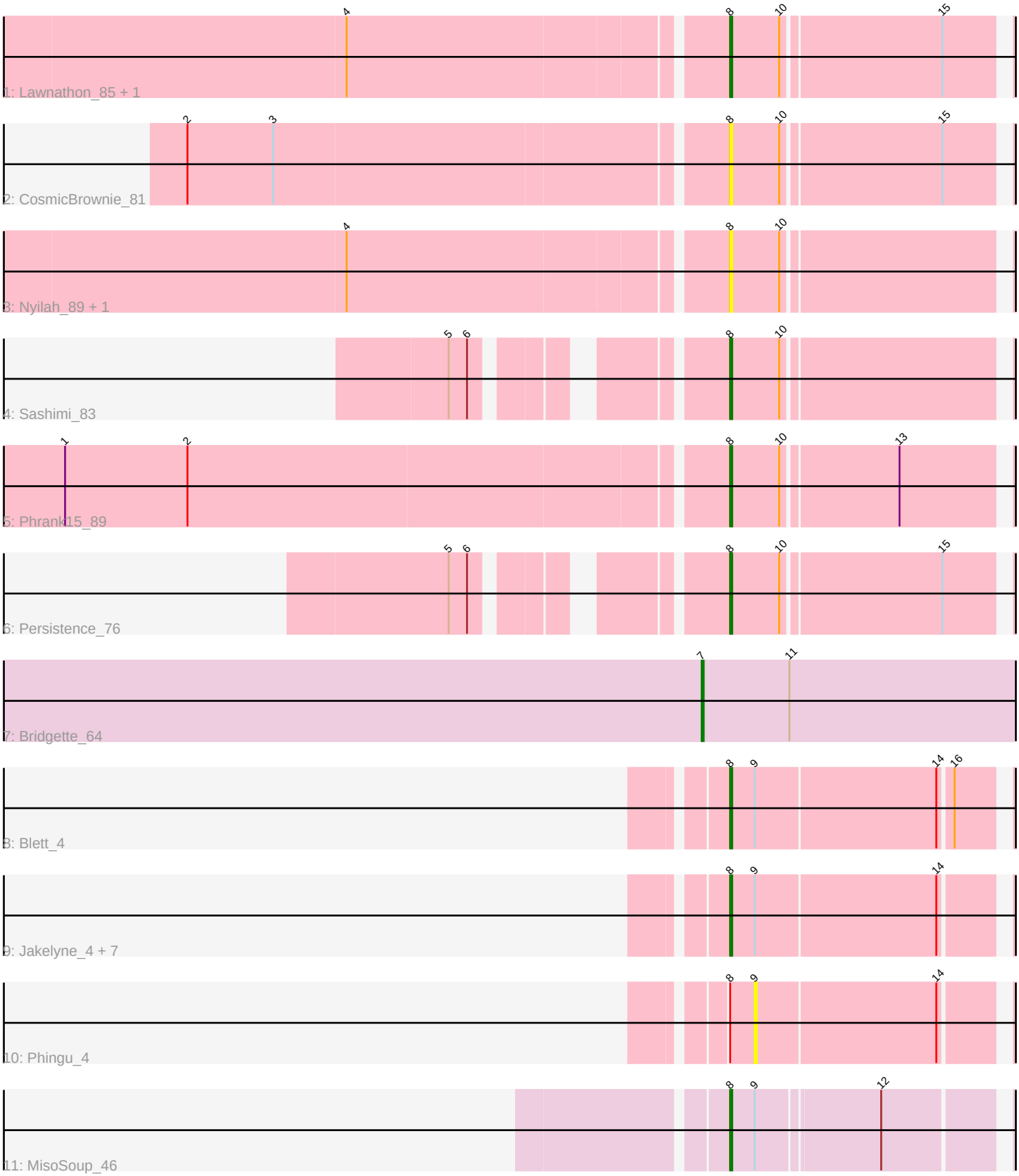
Pham 348059


4
8
10
15
1: Lawnathon_85 + 1
2
3
8
10
15
2: CosmicBrownie_81
4
8
10
3: Nyilah_89 + 1
5
6
8
10
4: Sashimi_83
1
2
8
10
13
5: Phrank15_89
5
6
8
10
15
6: Persistence_76
7
11
7: Bridgette_64
8
9
14
16
8: Blett_4
8
9
14
9: Jakelyne_4 + 7
8
9
14
10: Phingu_4
8
9
12
11: MisoSoup_46

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 348059 Report

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

Pham number 348059 has 20 members, 5 are drafts.

Phages represented in each track:
• Track 1 : Lawnathon_85, MurphyJoseph_82
• Track 2 : CosmicBrownie_81
• Track 3 : Nyilah_89, GumGum_89
• Track 4 : Sashimi_83
• Track 5 : Phrank15_89
• Track 6 : Persistence_76
• Track 7 : Bridgette_64
• Track 8 : Blett_4
• Track 9 : Jakelyne_4, CookieDog_4, MenE_4, Mariel_4, Bush_4, NCRodriguez_4, Losacky_4, Warren_4
• Track 10 : Phingu_4
• Track 11 : MisoSoup_46

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

The start number called the most often in the published annotations is 8, it was called in 14 of the 15 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Blett_4, Bush_4, CookieDog_4, CosmicBrownie_81, GumGum_89, Jakelyne_4, Lawnathon_85, Losacky_4, Mariel_4, MenE_4, MisoSoup_46, MurphyJoseph_82, NCRodriguez_4, Nyilah_89, Persistence_76, Phrank15_89, Sashimi_83, Warren_4,

Genes that have the "Most Annotated" start but do not call it:
• Phingu_4,

Genes that do not have the "Most Annotated" start:
• Bridgette_64,

Summary by start number:

Start 7:
• Found in 1 of 20 (5.0%) of genes in pham
• Manual Annotations of this start: 1 of 15

• Called 100.0% of time when present
• Phage (with cluster) where this start called: Bridgette_64 (FA),

Start 8:
• Found in 19 of 20 (95.0%) of genes in pham
• Manual Annotations of this start: 14 of 15
• Called 94.7% of time when present
• Phage (with cluster) where this start called: Blett_4 (GA), Bush_4 (GA), CookieDog_4 (GA), CosmicBrownie_81 (AY), GumGum_89 (AY), Jakelyne_4 (GA), Lawnathon_85 (AY), Losacky_4 (GA), Mariel_4 (GA), MenE_4 (GA), MisoSoup_46 (GM), MurphyJoseph_82 (AY), NCRodriguez_4 (GA), Nyilah_89 (AY), Persistence_76 (AY), Phrank15_89 (AY), Sashimi_83 (AY), Warren_4 (GA),

Start 9:
• Found in 11 of 20 (55.0%) of genes in pham
• No Manual Annotations of this start.
• Called 9.1% of time when present
• Phage (with cluster) where this start called: Phingu_4 (GA),

Summary by clusters:

There are 4 clusters represented in this pham: AY, FA, GM, GA,

Info for manual annotations of cluster AY:
•Start number 8 was manually annotated 5 times for cluster AY.

Info for manual annotations of cluster FA:
•Start number 7 was manually annotated 1 time for cluster FA.

Info for manual annotations of cluster GA:
•Start number 8 was manually annotated 8 times for cluster GA.

Info for manual annotations of cluster GM:
•Start number 8 was manually annotated 1 time for cluster GM.

Gene Information:

Gene: Blett_4 Start: 877, Stop: 1053, Start Num: 8
Candidate Starts for Blett_4:
(Start: 8 @877 has 14 MA's), (9, 889), (14, 976), (16, 982),

Gene: Bridgette_64 Start: 40518, Stop: 40730, Start Num: 7
Candidate Starts for Bridgette_64:
(Start: 7 @40518 has 1 MA's), (11, 40560),

Gene: Bush_4 Start: 883, Stop: 1059, Start Num: 8
Candidate Starts for Bush_4:
(Start: 8 @883 has 14 MA's), (9, 895), (14, 982),

Gene: CookieDog_4 Start: 883, Stop: 1059, Start Num: 8
Candidate Starts for CookieDog_4:

(Start: 8 @883 has 14 MA's), (9, 895), (14, 982),

Gene: CosmicBrownie_81 Start: 46062, Stop: 46241, Start Num: 8
Candidate Starts for CosmicBrownie_81:
(2, 45807), (3, 45849), (Start: 8 @46062 has 14 MA's), (10, 46086), (15, 46161),

Gene: GumGum_89 Start: 48026, Stop: 48205, Start Num: 8
Candidate Starts for GumGum_89:
(4, 47849), (Start: 8 @48026 has 14 MA's), (10, 48050),

Gene: Jakelyne_4 Start: 877, Stop: 1053, Start Num: 8
Candidate Starts for Jakelyne_4:
(Start: 8 @877 has 14 MA's), (9, 889), (14, 976),

Gene: Lawnathon_85 Start: 47098, Stop: 47277, Start Num: 8
Candidate Starts for Lawnathon_85:
(4, 46921), (Start: 8 @47098 has 14 MA's), (10, 47122), (15, 47197),

Gene: Losacky_4 Start: 874, Stop: 1050, Start Num: 8
Candidate Starts for Losacky_4:
(Start: 8 @874 has 14 MA's), (9, 886), (14, 973),

Gene: Mariel_4 Start: 883, Stop: 1059, Start Num: 8
Candidate Starts for Mariel_4:
(Start: 8 @883 has 14 MA's), (9, 895), (14, 982),

Gene: MenE_4 Start: 883, Stop: 1059, Start Num: 8
Candidate Starts for MenE_4:
(Start: 8 @883 has 14 MA's), (9, 895), (14, 982),

Gene: MisoSoup_46 Start: 31270, Stop: 31097, Start Num: 8
Candidate Starts for MisoSoup_46:
(Start: 8 @31270 has 14 MA's), (9, 31258), (12, 31201),

Gene: MurphyJoseph_82 Start: 45950, Stop: 46129, Start Num: 8
Candidate Starts for MurphyJoseph_82:
(4, 45773), (Start: 8 @45950 has 14 MA's), (10, 45974), (15, 46049),

Gene: NCRodriguez_4 Start: 886, Stop: 1062, Start Num: 8
Candidate Starts for NCRodriguez_4:
(Start: 8 @886 has 14 MA's), (9, 898), (14, 985),

Gene: Nyilah_89 Start: 47246, Stop: 47425, Start Num: 8
Candidate Starts for Nyilah_89:
(4, 47069), (Start: 8 @47246 has 14 MA's), (10, 47270),

Gene: Persistence_76 Start: 45050, Stop: 45229, Start Num: 8
Candidate Starts for Persistence_76:
(5, 44945), (6, 44954), (Start: 8 @45050 has 14 MA's), (10, 45074), (15, 45149),

Gene: Phingu_4 Start: 898, Stop: 1062, Start Num: 9
Candidate Starts for Phingu_4:
(Start: 8 @886 has 14 MA's), (9, 898), (14, 985),

Gene: Phrank15_89 Start: 48334, Stop: 48513, Start Num: 8
Candidate Starts for Phrank15_89:
(1, 48019), (2, 48079), (Start: 8 @48334 has 14 MA's), (10, 48358), (13, 48412),

Gene: Sashimi_83 Start: 47335, Stop: 47514, Start Num: 8
Candidate Starts for Sashimi_83:
(5, 47230), (6, 47239), (Start: 8 @47335 has 14 MA's), (10, 47359),

Gene: Warren_4 Start: 886, Stop: 1062, Start Num: 8
Candidate Starts for Warren_4:
(Start: 8 @886 has 14 MA's), (9, 898), (14, 985),