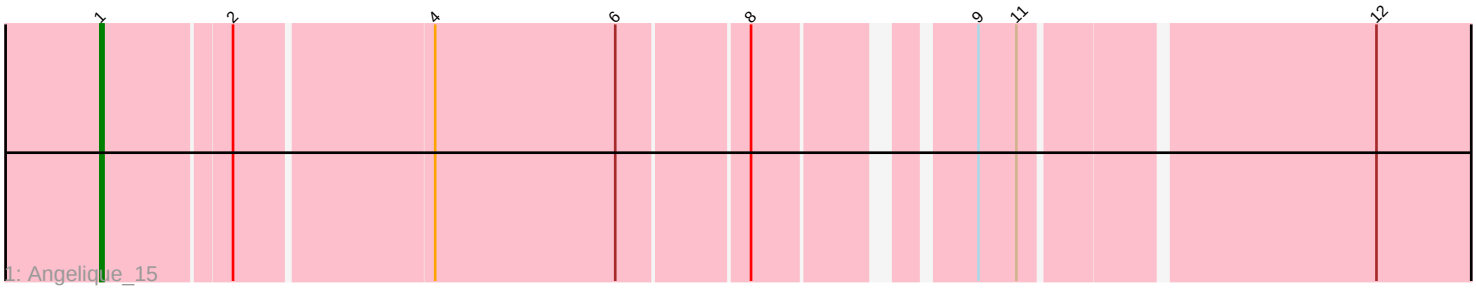
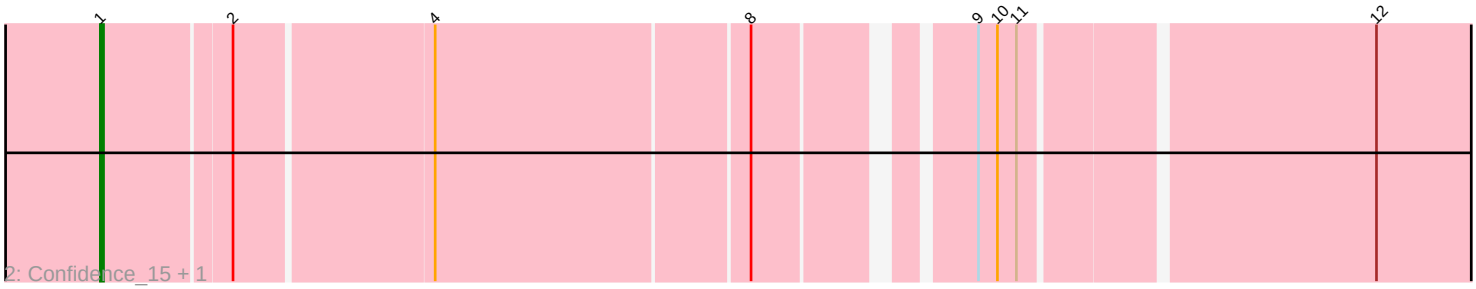
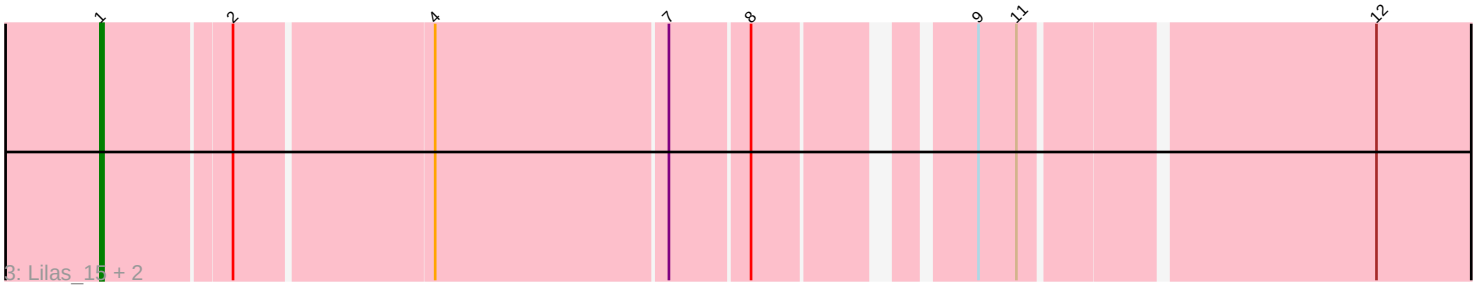
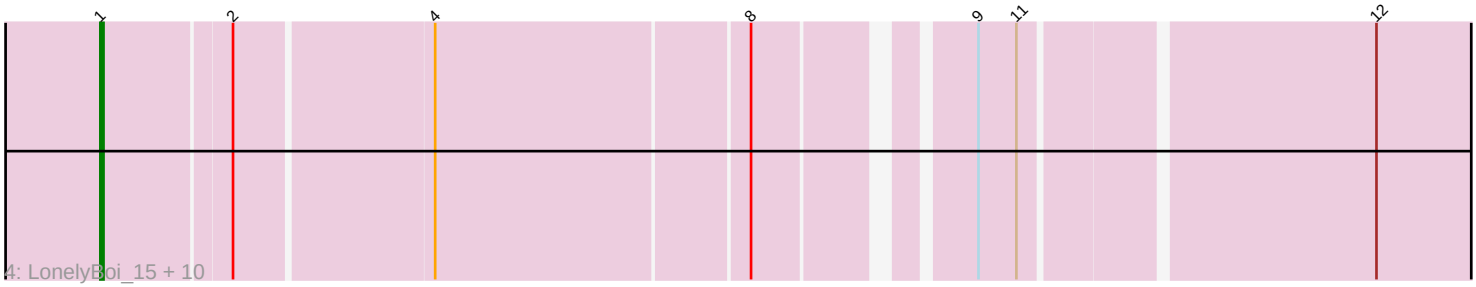
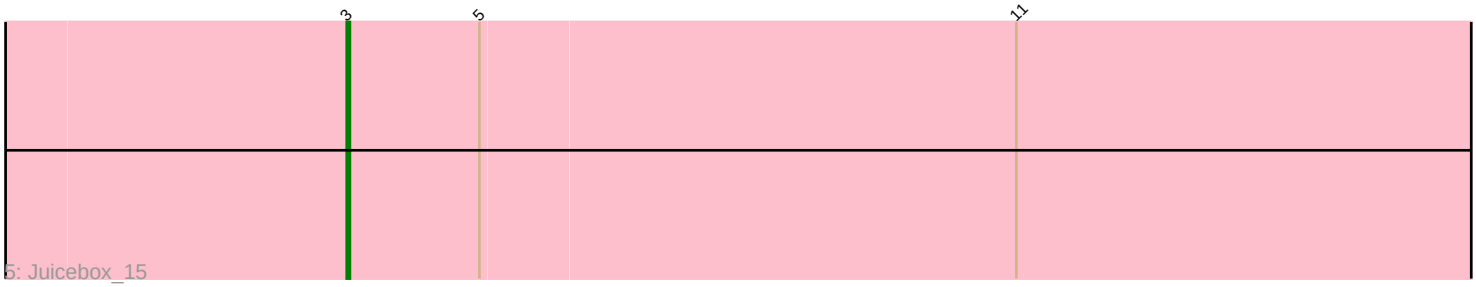
Pham 335342


1
2
4
6
8
9
11
12
1: Angelique_15


1
2
4
8
9
10
11
12
2: Confidence_15 + 1


1
2
4
7
8
9
11
12
3: Lilas_15 + 2


1
2
4
8
9
11
12
4: LonelyBoi_15 + 10


3
5
11
5: Juicebox_15

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 335342 Report

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

Pham number 335342 has 18 members, 0 are drafts.

Phages represented in each track:
• Track 1 : Angelique_15
• Track 2 : Confidence_15, Cashline_15
• Track 3 : Lilas_15, EnalisNailo_15, Bradissa_15
• Track 4 : LonelyBoi_15, Pytheas_15, BritBrat_15, Pollux_15, EMsquaredA_15, Marteena_15, BeeGee_15, Floral_15, Jablanski_15, Wrigley_15, Posh_15
• Track 5 : Juicebox_15

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

The start number called the most often in the published annotations is 1, it was called in 17 of the 18 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Angelique_15, BeeGee_15, Bradissa_15, BritBrat_15, Cashline_15, Confidence_15, EMsquaredA_15, EnalisNailo_15, Floral_15, Jablanski_15, Lilas_15, LonelyBoi_15, Marteena_15, Pollux_15, Posh_15, Pytheas_15, Wrigley_15,

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

Genes that do not have the "Most Annotated" start:
• Juicebox_15,

Summary by start number:

Start 1:
• Found in 17 of 18 (94.4%) of genes in pham
• Manual Annotations of this start: 17 of 18
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Angelique_15 (CY1), BeeGee_15 (CY5), Bradissa_15 (CY1), BritBrat_15 (CY2), Cashline_15 (CY6), Confidence_15 (CY1), EMsquaredA_15 (CY1), EnalisNailo_15 (CY1), Floral_15 (CY1), Jablanski_15 (CY3), Lilas_15 (CY1), LonelyBoi_15 (CY7), Marteena_15 (CY1), Pollux_15 (CY1), Posh_15 (CY4), Pytheas_15 (CY3), Wrigley_15 (CY4),

Start 3:
• Found in 1 of 18 (5.6%) of genes in pham
• Manual Annotations of this start: 1 of 18
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Juicebox_15 (singleton),

Summary by clusters:

There are 8 clusters represented in this pham: CY3, CY2, CY1, CY7, CY6, CY5, CY4, singleton,

Info for manual annotations of cluster CY1:
•Start number 1 was manually annotated 9 times for cluster CY1.

Info for manual annotations of cluster CY2:
•Start number 1 was manually annotated 1 time for cluster CY2.

Info for manual annotations of cluster CY3:
•Start number 1 was manually annotated 2 times for cluster CY3.

Info for manual annotations of cluster CY4:
•Start number 1 was manually annotated 2 times for cluster CY4.

Info for manual annotations of cluster CY5:
•Start number 1 was manually annotated 1 time for cluster CY5.

Info for manual annotations of cluster CY6:
•Start number 1 was manually annotated 1 time for cluster CY6.

Info for manual annotations of cluster CY7:
•Start number 1 was manually annotated 1 time for cluster CY7.

Gene Information:

Gene: Angelique_15 Start: 9687, Stop: 10094, Start Num: 1
Candidate Starts for Angelique_15:
(Start: 1 @9687 has 17 MA's), (2, 9726), (4, 9786), (6, 9843), (8, 9882), (9, 9939), (11, 9951), (12, 10056),

Gene: BeeGee_15 Start: 9683, Stop: 10090, Start Num: 1
Candidate Starts for BeeGee_15:
(Start: 1 @9683 has 17 MA's), (2, 9722), (4, 9782), (8, 9878), (9, 9935), (11, 9947), (12, 10052),

Gene: Bradissa_15 Start: 9687, Stop: 10094, Start Num: 1
Candidate Starts for Bradissa_15:
(Start: 1 @9687 has 17 MA's), (2, 9726), (4, 9786), (7, 9858), (8, 9882), (9, 9939), (11, 9951), (12, 10056),

Gene: BritBrat_15 Start: 9689, Stop: 10096, Start Num: 1
Candidate Starts for BritBrat_15:

(Start: 1 @9689 has 17 MA's), (2, 9728), (4, 9788), (8, 9884), (9, 9941), (11, 9953), (12, 10058),

Gene: Cashline_15 Start: 9543, Stop: 9950, Start Num: 1
Candidate Starts for Cashline_15:
(Start: 1 @9543 has 17 MA's), (2, 9582), (4, 9642), (8, 9738), (9, 9795), (10, 9801), (11, 9807), (12, 9912),

Gene: Confidence_15 Start: 9683, Stop: 10090, Start Num: 1
Candidate Starts for Confidence_15:
(Start: 1 @9683 has 17 MA's), (2, 9722), (4, 9782), (8, 9878), (9, 9935), (10, 9941), (11, 9947), (12, 10052),

Gene: EMsquaredA_15 Start: 9689, Stop: 10096, Start Num: 1
Candidate Starts for EMsquaredA_15:
(Start: 1 @9689 has 17 MA's), (2, 9728), (4, 9788), (8, 9884), (9, 9941), (11, 9953), (12, 10058),

Gene: EnalisNailo_15 Start: 9689, Stop: 10096, Start Num: 1
Candidate Starts for EnalisNailo_15:
(Start: 1 @9689 has 17 MA's), (2, 9728), (4, 9788), (7, 9860), (8, 9884), (9, 9941), (11, 9953), (12, 10058),

Gene: Floral_15 Start: 9689, Stop: 10096, Start Num: 1
Candidate Starts for Floral_15:
(Start: 1 @9689 has 17 MA's), (2, 9728), (4, 9788), (8, 9884), (9, 9941), (11, 9953), (12, 10058),

Gene: Jablanski_15 Start: 9536, Stop: 9943, Start Num: 1
Candidate Starts for Jablanski_15:
(Start: 1 @9536 has 17 MA's), (2, 9575), (4, 9635), (8, 9731), (9, 9788), (11, 9800), (12, 9905),

Gene: Juicebox_15 Start: 10222, Stop: 10575, Start Num: 3
Candidate Starts for Juicebox_15:
(Start: 3 @10222 has 1 MA's), (5, 10264), (11, 10432),

Gene: Lilas_15 Start: 9689, Stop: 10096, Start Num: 1
Candidate Starts for Lilas_15:
(Start: 1 @9689 has 17 MA's), (2, 9728), (4, 9788), (7, 9860), (8, 9884), (9, 9941), (11, 9953), (12, 10058),

Gene: LonelyBoi_15 Start: 9536, Stop: 9943, Start Num: 1
Candidate Starts for LonelyBoi_15:
(Start: 1 @9536 has 17 MA's), (2, 9575), (4, 9635), (8, 9731), (9, 9788), (11, 9800), (12, 9905),

Gene: Marteena_15 Start: 9689, Stop: 10096, Start Num: 1
Candidate Starts for Marteena_15:
(Start: 1 @9689 has 17 MA's), (2, 9728), (4, 9788), (8, 9884), (9, 9941), (11, 9953), (12, 10058),

Gene: Pollux_15 Start: 9689, Stop: 10096, Start Num: 1
Candidate Starts for Pollux_15:
(Start: 1 @9689 has 17 MA's), (2, 9728), (4, 9788), (8, 9884), (9, 9941), (11, 9953), (12, 10058),

Gene: Posh_15 Start: 9689, Stop: 10096, Start Num: 1
Candidate Starts for Posh_15:
(Start: 1 @9689 has 17 MA's), (2, 9728), (4, 9788), (8, 9884), (9, 9941), (11, 9953), (12, 10058),

Gene: Pytheas_15 Start: 9536, Stop: 9943, Start Num: 1
Candidate Starts for Pytheas_15:
(Start: 1 @9536 has 17 MA's), (2, 9575), (4, 9635), (8, 9731), (9, 9788), (11, 9800), (12, 9905),

Gene: Wrigley_15 Start: 9533, Stop: 9940, Start Num: 1
Candidate Starts for Wrigley_15:
(Start: 1 @9533 has 17 MA's), (2, 9572), (4, 9632), (8, 9728), (9, 9785), (11, 9797), (12, 9902),