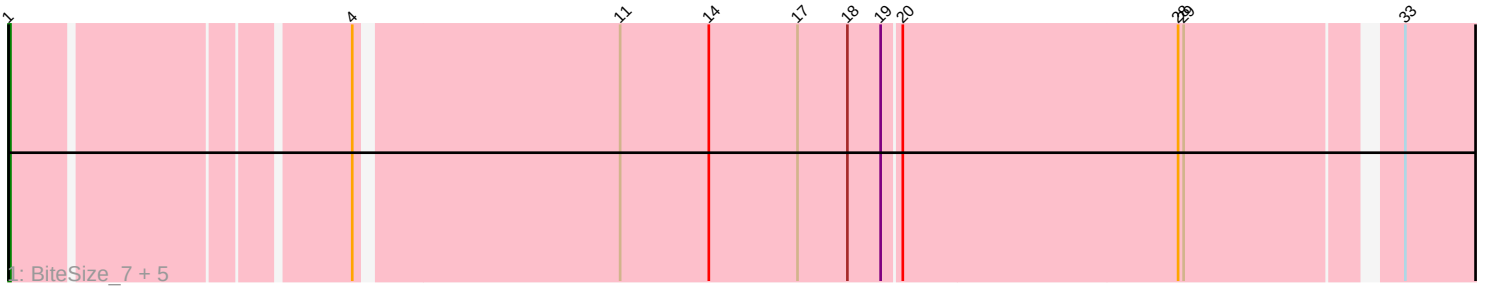
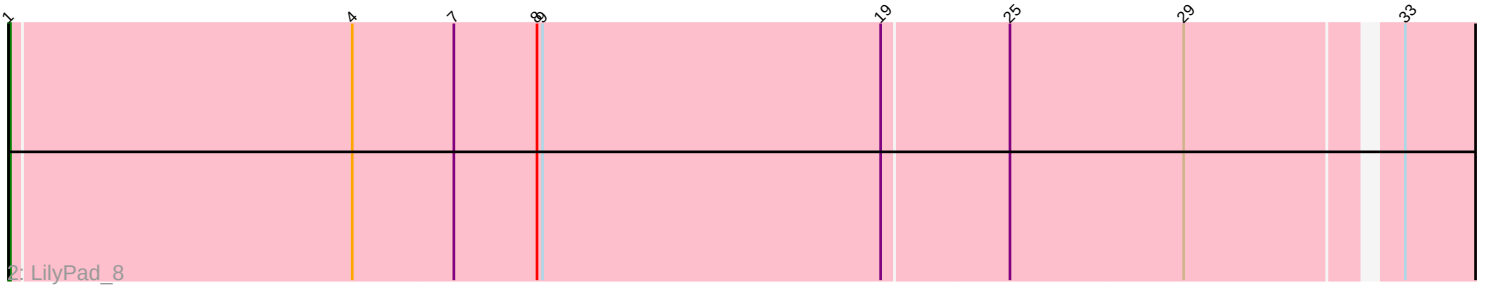
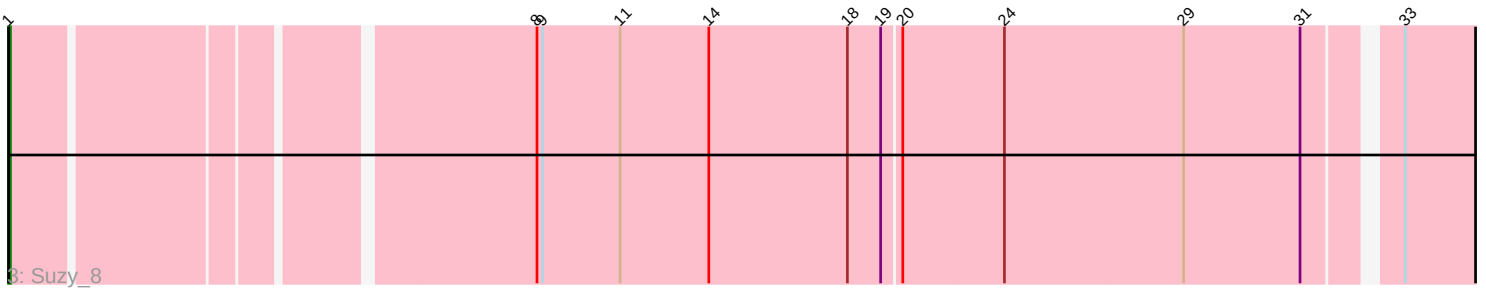
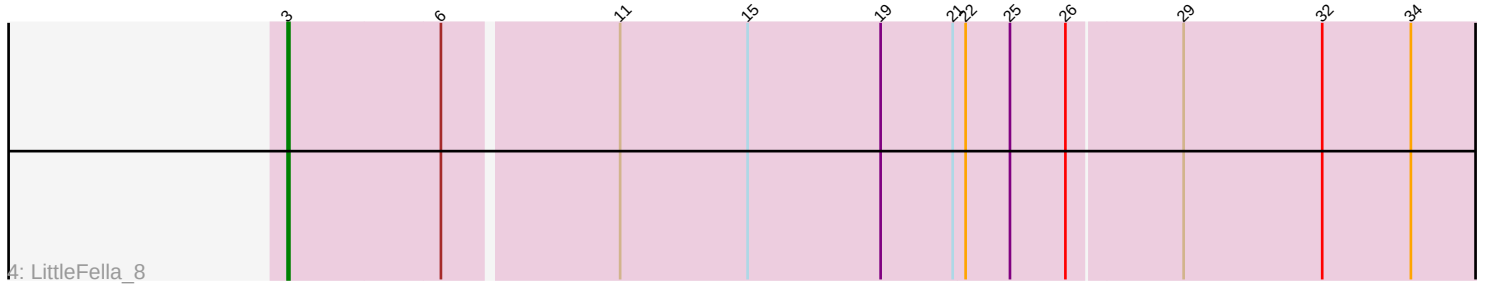
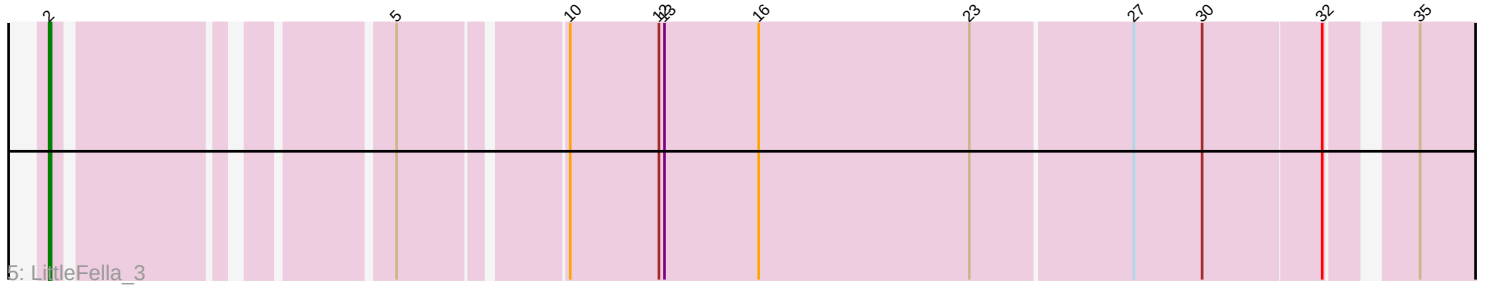
Pham 348256


1
4
11
14
17
18
19
20
28
29
33
1: BiteSize_7 + 5


1
4
7
9
9
19
25
29
33
2: LilyPad_8


1
9
9
11
14
18
19
20
24
29
31
33
3: Suzy_8


3
6
11
15
19
21
22
25
26
29
32
34
4: LittleFella_8


2
5
10
13
13
16
23
27
30
32
35
5: LittleFella_3

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 348256 Report

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

Pham number 348256 has 10 members, 0 are drafts.

Phages represented in each track:
• Track 1 : BiteSize_7, Beyoncage_7, Djokovic_7, Sienna_7, Madi_7, Terapin_7
• Track 2 : LilyPad_8
• Track 3 : Suzy_8
• Track 4 : LittleFella_8
• Track 5 : LittleFella_3

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 8 of the 10 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Beyoncage_7, BiteSize_7, Djokovic_7, LilyPad_8, Madi_7, Sienna_7, Suzy_8, Terapin_7,

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

Genes that do not have the "Most Annotated" start:
• LittleFella_3, LittleFella_8,

Summary by start number:

Start 1:
• Found in 8 of 10 (80.0%) of genes in pham
• Manual Annotations of this start: 8 of 10
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Beyoncage_7 (DG1), BiteSize_7 (DG1), Djokovic_7 (DG1), LilyPad_8 (DG1), Madi_7 (DG1), Sienna_7 (DG1), Suzy_8 (DG1), Terapin_7 (DG1),

Start 2:
• Found in 1 of 10 (10.0%) of genes in pham
• Manual Annotations of this start: 1 of 10

• Called 100.0% of time when present
• Phage (with cluster) where this start called: LittleFella_3 (DG2),

Start 3:
• Found in 1 of 10 (10.0%) of genes in pham
• Manual Annotations of this start: 1 of 10
• Called 100.0% of time when present
• Phage (with cluster) where this start called: LittleFella_8 (DG2),

Summary by clusters:

There are 2 clusters represented in this pham: DG2, DG1,

Info for manual annotations of cluster DG1:
•Start number 1 was manually annotated 8 times for cluster DG1.

Info for manual annotations of cluster DG2:
•Start number 2 was manually annotated 1 time for cluster DG2.
•Start number 3 was manually annotated 1 time for cluster DG2.

Gene Information:

Gene: Beyoncage_7 Start: 4674, Stop: 5429, Start Num: 1
Candidate Starts for Beyoncage_7:
(Start: 1 @4674 has 8 MA's), (4, 4842), (11, 4977), (14, 5025), (17, 5073), (18, 5100), (19, 5118), (20, 5127), (28, 5274), (29, 5277), (33, 5382),

Gene: BiteSize_7 Start: 4674, Stop: 5429, Start Num: 1
Candidate Starts for BiteSize_7:
(Start: 1 @4674 has 8 MA's), (4, 4842), (11, 4977), (14, 5025), (17, 5073), (18, 5100), (19, 5118), (20, 5127), (28, 5274), (29, 5277), (33, 5382),

Gene: Djokovic_7 Start: 4674, Stop: 5429, Start Num: 1
Candidate Starts for Djokovic_7:
(Start: 1 @4674 has 8 MA's), (4, 4842), (11, 4977), (14, 5025), (17, 5073), (18, 5100), (19, 5118), (20, 5127), (28, 5274), (29, 5277), (33, 5382),

Gene: LilyPad_8 Start: 5406, Stop: 6185, Start Num: 1
Candidate Starts for LilyPad_8:
(Start: 1 @5406 has 8 MA's), (4, 5589), (7, 5643), (8, 5688), (9, 5691), (19, 5874), (25, 5940), (29, 6033), (33, 6138),

Gene: LittleFella_8 Start: 6567, Stop: 7205, Start Num: 3
Candidate Starts for LittleFella_8:
(Start: 3 @6567 has 1 MA's), (6, 6648), (11, 6738), (15, 6807), (19, 6879), (21, 6918), (22, 6924), (25, 6948), (26, 6978), (29, 7038), (32, 7113), (34, 7161),

Gene: LittleFella_3 Start: 3436, Stop: 4143, Start Num: 2
Candidate Starts for LittleFella_3:
(Start: 2 @3436 has 1 MA's), (5, 3589), (10, 3670), (12, 3718), (13, 3721), (16, 3772), (23, 3886), (27, 3970), (30, 4006), (32, 4069), (35, 4105),

Gene: Madi_7 Start: 4674, Stop: 5429, Start Num: 1
Candidate Starts for Madi_7:
(Start: 1 @4674 has 8 MA's), (4, 4842), (11, 4977), (14, 5025), (17, 5073), (18, 5100), (19, 5118), (20, 5127), (28, 5274), (29, 5277), (33, 5382),

Gene: Sienna_7 Start: 4674, Stop: 5429, Start Num: 1
Candidate Starts for Sienna_7:
(Start: 1 @4674 has 8 MA's), (4, 4842), (11, 4977), (14, 5025), (17, 5073), (18, 5100), (19, 5118), (20, 5127), (28, 5274), (29, 5277), (33, 5382),

Gene: Suzy_8 Start: 5917, Stop: 6672, Start Num: 1
Candidate Starts for Suzy_8:
(Start: 1 @5917 has 8 MA's), (8, 6175), (9, 6178), (11, 6220), (14, 6268), (18, 6343), (19, 6361), (20, 6370), (24, 6424), (29, 6520), (31, 6583), (33, 6625),

Gene: Terapin_7 Start: 4674, Stop: 5429, Start Num: 1
Candidate Starts for Terapin_7:
(Start: 1 @4674 has 8 MA's), (4, 4842), (11, 4977), (14, 5025), (17, 5073), (18, 5100), (19, 5118), (20, 5127), (28, 5274), (29, 5277), (33, 5382),