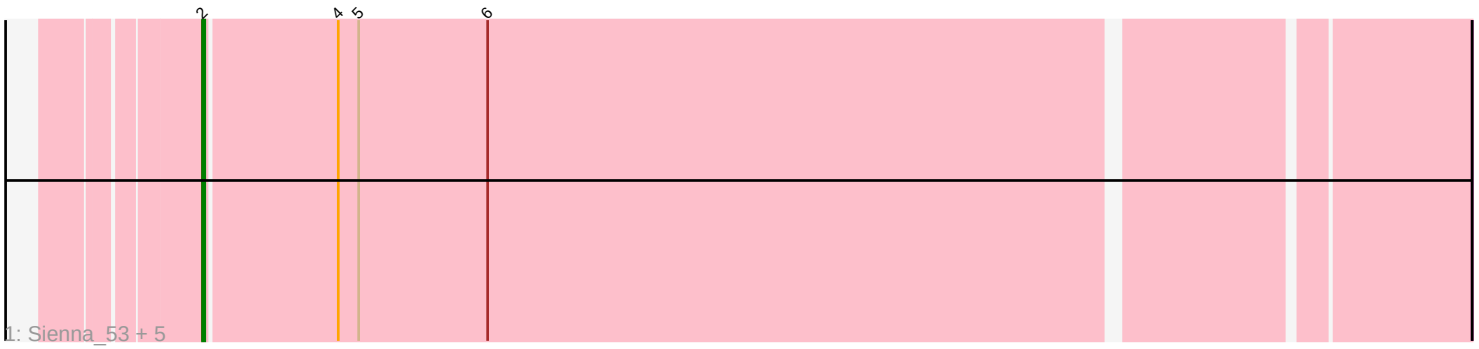
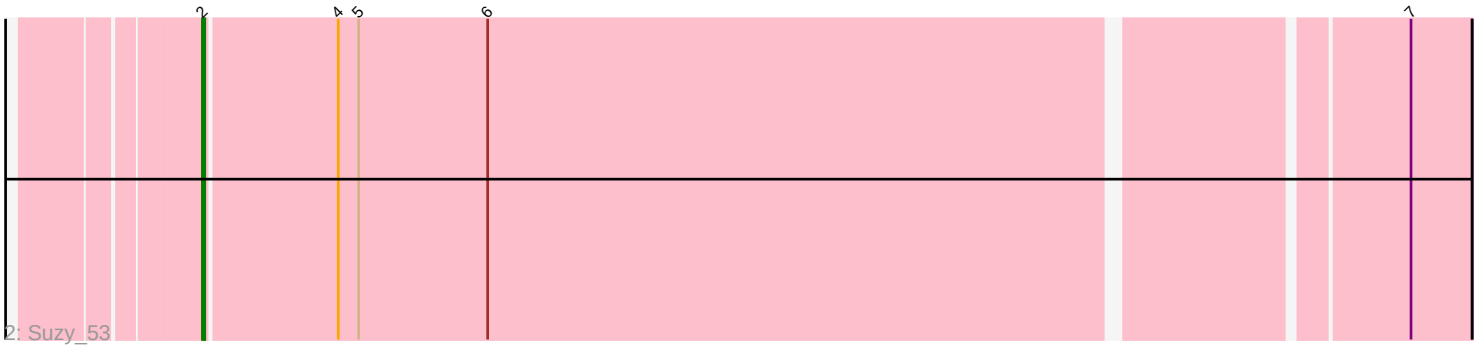
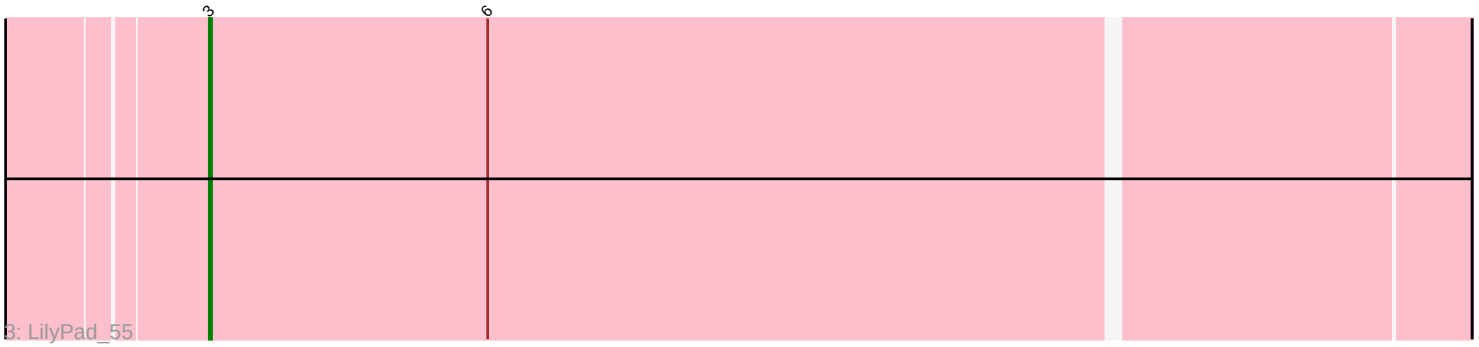
Pham 342827


2
4
5
6
1: Sienna_53 + 5


2
4
5
6
7
2: Suzy_53


3
6
3: LilyPad_55


1
2
5
7
4: LittleFella_60

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 342827 Report

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

Pham number 342827 has 9 members, 0 are drafts.

Phages represented in each track:
• Track 1 : Sienna_53, BiteSize_53, Djokovic_53, Madi_53, Terapin_54, Beyoncage_53
• Track 2 : Suzy_53
• Track 3 : LilyPad_55
• Track 4 : LittleFella_60

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 7 of the 9 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Beyoncage_53, BiteSize_53, Djokovic_53, Madi_53, Sienna_53, Suzy_53, Terapin_54,

Genes that have the "Most Annotated" start but do not call it:
• LittleFella_60,

Genes that do not have the "Most Annotated" start:
• LilyPad_55,

Summary by start number:

Start 1:
• Found in 1 of 9 (11.1%) of genes in pham
• Manual Annotations of this start: 1 of 9
• Called 100.0% of time when present
• Phage (with cluster) where this start called: LittleFella_60 (DG2),

Start 2:
• Found in 8 of 9 (88.9%) of genes in pham
• Manual Annotations of this start: 7 of 9
• Called 87.5% of time when present

• Phage (with cluster) where this start called: Beyoncage_53 (DG1), BiteSize_53 (DG1), Djokovic_53 (DG1), Madi_53 (DG1), Sienna_53 (DG1), Suzy_53 (DG1), Terapin_54 (DG1),

Start 3:
• Found in 1 of 9 (11.1%) of genes in pham
• Manual Annotations of this start: 1 of 9
• Called 100.0% of time when present
• Phage (with cluster) where this start called: LilyPad_55 (DG1),

Summary by clusters:

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

Info for manual annotations of cluster DG1:
•Start number 2 was manually annotated 7 times for cluster DG1.
•Start number 3 was manually annotated 1 time for cluster DG1.

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

Gene Information:

Gene: Beyoncage_53 Start: 39604, Stop: 40143, Start Num: 2
Candidate Starts for Beyoncage_53:
(Start: 2 @39604 has 7 MA's), (4, 39661), (5, 39670), (6, 39727),

Gene: BiteSize_53 Start: 39690, Stop: 40229, Start Num: 2
Candidate Starts for BiteSize_53:
(Start: 2 @39690 has 7 MA's), (4, 39747), (5, 39756), (6, 39813),

Gene: Djokovic_53 Start: 39603, Stop: 40142, Start Num: 2
Candidate Starts for Djokovic_53:
(Start: 2 @39603 has 7 MA's), (4, 39660), (5, 39669), (6, 39726),

Gene: LilyPad_55 Start: 40931, Stop: 41476, Start Num: 3
Candidate Starts for LilyPad_55:
(Start: 3 @40931 has 1 MA's), (6, 41054),

Gene: LittleFella_60 Start: 42574, Stop: 43185, Start Num: 1
Candidate Starts for LittleFella_60:
(Start: 1 @42574 has 1 MA's), (Start: 2 @42640 has 7 MA's), (5, 42709), (7, 43162),

Gene: Madi_53 Start: 39681, Stop: 40220, Start Num: 2
Candidate Starts for Madi_53:
(Start: 2 @39681 has 7 MA's), (4, 39738), (5, 39747), (6, 39804),

Gene: Sienna_53 Start: 39681, Stop: 40220, Start Num: 2
Candidate Starts for Sienna_53:
(Start: 2 @39681 has 7 MA's), (4, 39738), (5, 39747), (6, 39804),

Gene: Suzy_53 Start: 40876, Stop: 41415, Start Num: 2
Candidate Starts for Suzy_53:
(Start: 2 @40876 has 7 MA's), (4, 40933), (5, 40942), (6, 40999), (7, 41389),

Gene: Terapin_54 Start: 39605, Stop: 40144, Start Num: 2
Candidate Starts for Terapin_54:
(Start: 2 @39605 has 7 MA's), (4, 39662), (5, 39671), (6, 39728),