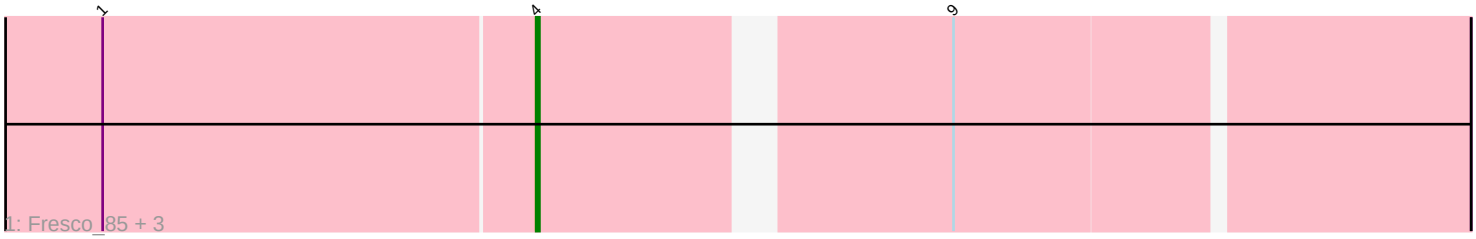
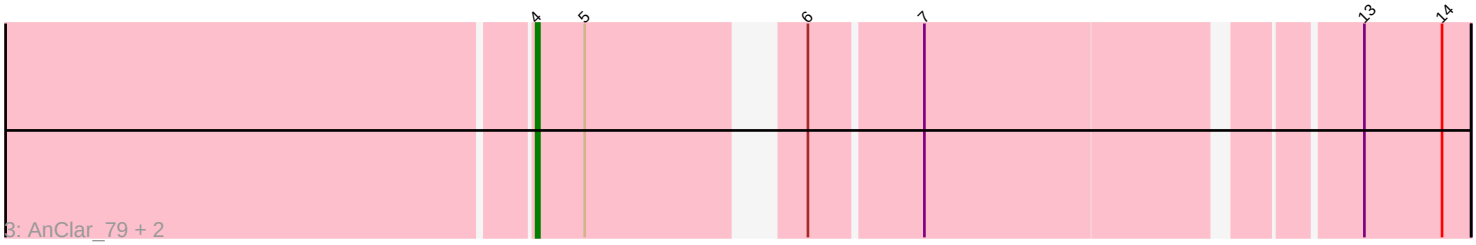
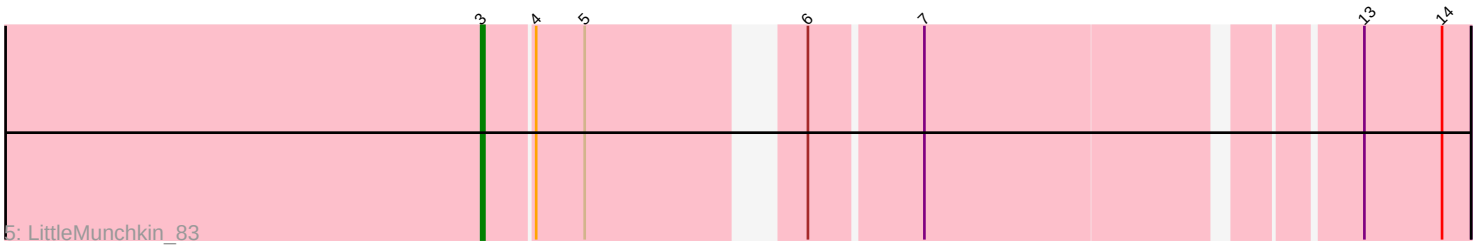
Pham 348153

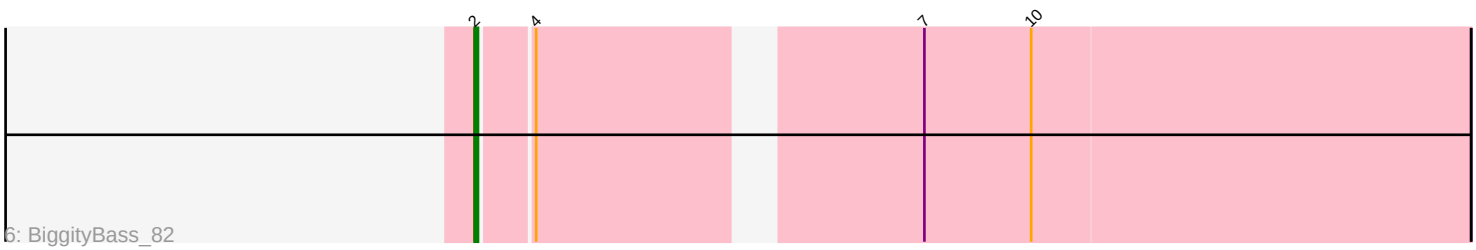

1
4
9
1: Fresco_85 + 3


4
8
9
2: CharlottesWeb_81 + 3


4
5
6
7
13
14
3: AnClar_79 + 2


4
5
11
12
14
4: Sour_77


3
4
5
6
7
13
14
5: LittleMunchkin_83


2
4
7
10
6: BiggityBass_82

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 348153 Report

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

Pham number 348153 has 14 members, 2 are drafts.

Phages represented in each track:
• Track 1 : Fresco_85, Axumite_85, Shatter_85, Ligma_85
• Track 2 : CharlottesWeb_81, Coco2012_80, Mariokart_81, JellyBelly_80
• Track 3 : AnClar_79, Yago84_81, Sisko_82
• Track 4 : Sour_77
• Track 5 : LittleMunchkin_83
• Track 6 : BiggityBass_82

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

The start number called the most often in the published annotations is 4, it was called in 10 of the 12 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• AnClar_79, Axumite_85, CharlottesWeb_81, Coco2012_80, Fresco_85, JellyBelly_80, Ligma_85, Mariokart_81, Shatter_85, Sisko_82, Sour_77, Yago84_81,

Genes that have the "Most Annotated" start but do not call it:
• BiggityBass_82, LittleMunchkin_83,

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

Summary by start number:

Start 2:
• Found in 1 of 14 (7.1%) of genes in pham
• Manual Annotations of this start: 1 of 12
• Called 100.0% of time when present
• Phage (with cluster) where this start called: BiggityBass_82 (DR),

Start 3:
• Found in 1 of 14 (7.1%) of genes in pham
• Manual Annotations of this start: 1 of 12
• Called 100.0% of time when present

• Phage (with cluster) where this start called: LittleMunchkin_83 (DR),

Start 4:
• Found in 14 of 14 (100.0%) of genes in pham
• Manual Annotations of this start: 10 of 12
• Called 85.7% of time when present
• Phage (with cluster) where this start called: AnClar_79 (DR), Axumite_85 (DR), CharlottesWeb_81 (DR), Coco2012_80 (DR), Fresco_85 (DR), JellyBelly_80 (DR), Ligma_85 (DR), Mariokart_81 (DR), Shatter_85 (DR), Sisko_82 (DR), Sour_77 (DR), Yago84_81 (DR),

Summary by clusters:

There is one cluster represented in this pham: DR

Info for manual annotations of cluster DR:
•Start number 2 was manually annotated 1 time for cluster DR.
•Start number 3 was manually annotated 1 time for cluster DR.
•Start number 4 was manually annotated 10 times for cluster DR.

Gene Information:

Gene: AnClar_79 Start: 61333, Stop: 61076, Start Num: 4
Candidate Starts for AnClar_79:
(Start: 4 @61333 has 10 MA's), (5, 61318), (6, 61264), (7, 61231), (13, 61108), (14, 61084),

Gene: Axumite_85 Start: 61188, Stop: 60922, Start Num: 4
Candidate Starts for Axumite_85:
(1, 61320), (Start: 4 @61188 has 10 MA's), (9, 61074),

Gene: BiggityBass_82 Start: 62678, Stop: 62391, Start Num: 2
Candidate Starts for BiggityBass_82:
(Start: 2 @62678 has 1 MA's), (Start: 4 @62663 has 10 MA's), (7, 62558), (10, 62525),

Gene: CharlottesWeb_81 Start: 59991, Stop: 59725, Start Num: 4
Candidate Starts for CharlottesWeb_81:
(Start: 4 @59991 has 10 MA's), (8, 59883), (9, 59877),

Gene: Coco2012_80 Start: 59615, Stop: 59349, Start Num: 4
Candidate Starts for Coco2012_80:
(Start: 4 @59615 has 10 MA's), (8, 59507), (9, 59501),

Gene: Fresco_85 Start: 61194, Stop: 60928, Start Num: 4
Candidate Starts for Fresco_85:
(1, 61326), (Start: 4 @61194 has 10 MA's), (9, 61080),

Gene: JellyBelly_80 Start: 60000, Stop: 59734, Start Num: 4
Candidate Starts for JellyBelly_80:
(Start: 4 @60000 has 10 MA's), (8, 59892), (9, 59886),

Gene: Ligma_85 Start: 61188, Stop: 60922, Start Num: 4

Candidate Starts for Ligma_85:
(1, 61320), (Start: 4 @61188 has 10 MA's), (9, 61074),

Gene: LittleMunchkin_83 Start: 62693, Stop: 62421, Start Num: 3
Candidate Starts for LittleMunchkin_83:
(Start: 3 @62693 has 1 MA's), (Start: 4 @62678 has 10 MA's), (5, 62663), (6, 62609), (7, 62576), (13, 62453), (14, 62429),

Gene: Mariokart_81 Start: 60229, Stop: 59963, Start Num: 4
Candidate Starts for Mariokart_81:
(Start: 4 @60229 has 10 MA's), (8, 60121), (9, 60115),

Gene: Shatter_85 Start: 61188, Stop: 60922, Start Num: 4
Candidate Starts for Shatter_85:
(1, 61320), (Start: 4 @61188 has 10 MA's), (9, 61074),

Gene: Sisko_82 Start: 61674, Stop: 61402, Start Num: 4
Candidate Starts for Sisko_82:
(Start: 4 @61674 has 10 MA's), (5, 61659), (6, 61590), (7, 61557), (13, 61434), (14, 61410),

Gene: Sour_77 Start: 61148, Stop: 60876, Start Num: 4
Candidate Starts for Sour_77:
(Start: 4 @61148 has 10 MA's), (5, 61133), (11, 60983), (12, 60911), (14, 60884),

Gene: Yago84_81 Start: 61367, Stop: 61110, Start Num: 4
Candidate Starts for Yago84_81:
(Start: 4 @61367 has 10 MA's), (5, 61352), (6, 61298), (7, 61265), (13, 61142), (14, 61118),