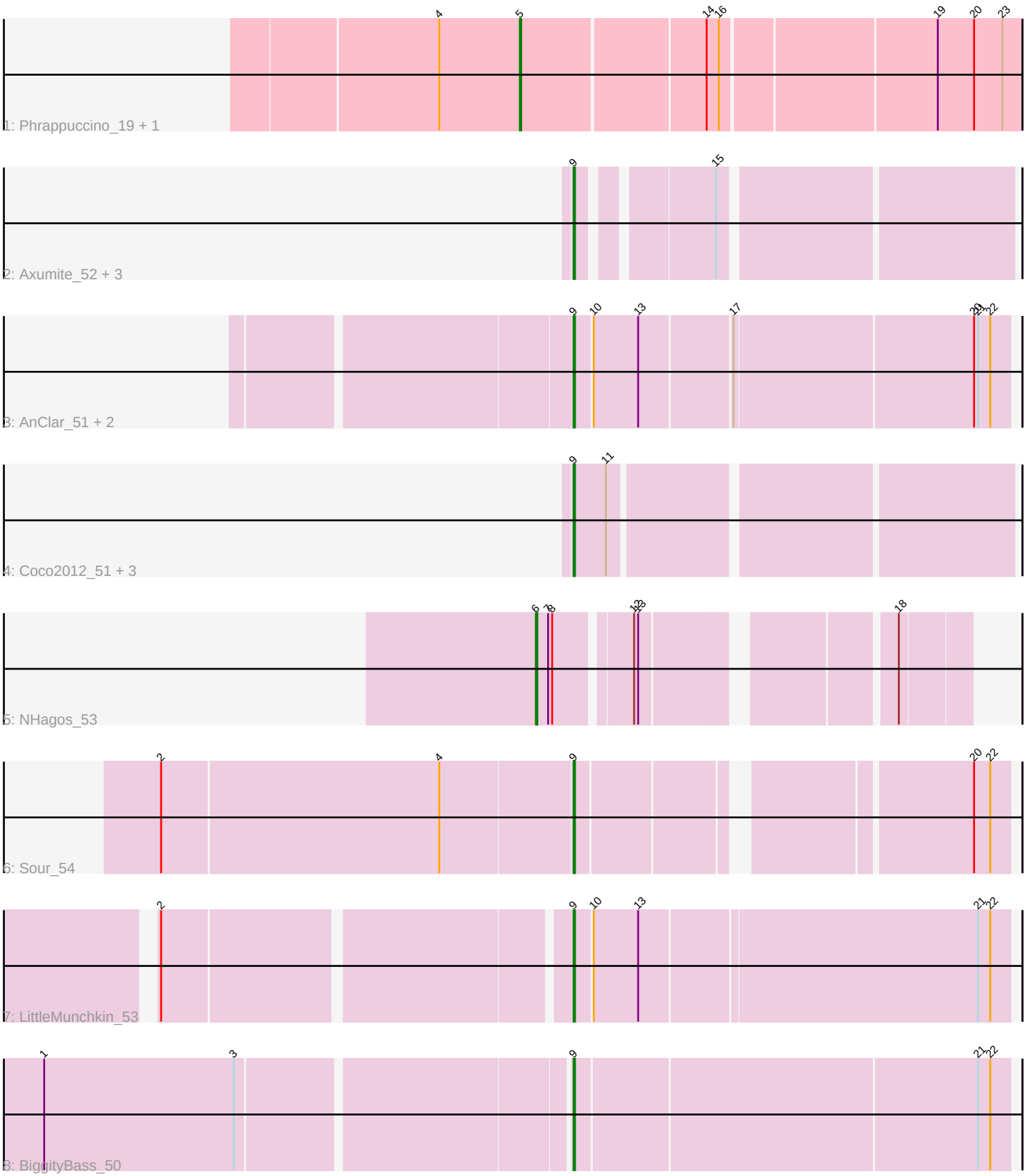
Pham 348110


1: Phrappuccino_19 + 1
2: Axumite_52 + 3
3: AnClar_51 + 2
4: Coco2012_51 + 3
5: NHagos_53
6: Sour_54
7: LittleMunchkin_53
8: BiggityBass_50

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 348110 Report

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

Pham number 348110 has 17 members, 2 are drafts.

Phages represented in each track:
• Track 1 : Phrappuccino_19, Settecandela_19
• Track 2 : Axumite_52, Fresco_52, Shatter_52, Ligma_52
• Track 3 : AnClar_51, Sisko_50, Yago84_50
• Track 4 : Coco2012_51, JellyBelly_50, CharlottesWeb_51, Mariokart_51
• Track 5 : NHagos_53
• Track 6 : Sour_54
• Track 7 : LittleMunchkin_53
• Track 8 : BiggityBass_50

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

The start number called the most often in the published annotations is 9, it was called in 12 of the 15 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• AnClar_51, Axumite_52, BiggityBass_50, CharlottesWeb_51, Coco2012_51, Fresco_52, JellyBelly_50, Ligma_52, LittleMunchkin_53, Mariokart_51, Shatter_52, Sisko_50, Sour_54, Yago84_50,

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

Genes that do not have the "Most Annotated" start:
• NHagos_53, Phrappuccino_19, Settecandela_19,

Summary by start number:

Start 5:
• Found in 2 of 17 (11.8%) of genes in pham
• Manual Annotations of this start: 2 of 15
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Phrappuccino_19 (AA), Settecandela_19 (AA),

Start 6:
• Found in 1 of 17 (5.9%) 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: NHagos_53 (DR),

Start 9:
• Found in 14 of 17 (82.4%) of genes in pham
• Manual Annotations of this start: 12 of 15
• Called 100.0% of time when present
• Phage (with cluster) where this start called: AnClar_51 (DR), Axumite_52 (DR), BiggityBass_50 (DR), CharlottesWeb_51 (DR), Coco2012_51 (DR), Fresco_52 (DR), JellyBelly_50 (DR), Ligma_52 (DR), LittleMunchkin_53 (DR), Mariokart_51 (DR), Shatter_52 (DR), Sisko_50 (DR), Sour_54 (DR), Yago84_50 (DR),

Summary by clusters:

There are 2 clusters represented in this pham: AA, DR,

Info for manual annotations of cluster AA:
•Start number 5 was manually annotated 2 times for cluster AA.

Info for manual annotations of cluster DR:
•Start number 6 was manually annotated 1 time for cluster DR.
•Start number 9 was manually annotated 12 times for cluster DR.

Gene Information:

Gene: AnClar_51 Start: 48276, Stop: 47968, Start Num: 9
Candidate Starts for AnClar_51:
(Start: 9 @48276 has 12 MA's), (10, 48264), (13, 48231), (17, 48168), (20, 47994), (21, 47991), (22, 47982),

Gene: Axumite_52 Start: 46268, Stop: 45978, Start Num: 9
Candidate Starts for Axumite_52:
(Start: 9 @46268 has 12 MA's), (15, 46184),

Gene: BiggityBass_50 Start: 47644, Stop: 47330, Start Num: 9
Candidate Starts for BiggityBass_50:
(1, 48016), (3, 47875), (Start: 9 @47644 has 12 MA's), (21, 47353), (22, 47344),

Gene: CharlottesWeb_51 Start: 45652, Stop: 45347, Start Num: 9
Candidate Starts for CharlottesWeb_51:
(Start: 9 @45652 has 12 MA's), (11, 45628),

Gene: Coco2012_51 Start: 45644, Stop: 45339, Start Num: 9
Candidate Starts for Coco2012_51:
(Start: 9 @45644 has 12 MA's), (11, 45620),

Gene: Fresco_52 Start: 46268, Stop: 45978, Start Num: 9
Candidate Starts for Fresco_52:

(Start: 9 @46268 has 12 MA's), (15, 46184),

Gene: JellyBelly_50 Start: 45650, Stop: 45345, Start Num: 9
Candidate Starts for JellyBelly_50:
(Start: 9 @45650 has 12 MA's), (11, 45626),

Gene: Ligma_52 Start: 46268, Stop: 45978, Start Num: 9
Candidate Starts for Ligma_52:
(Start: 9 @46268 has 12 MA's), (15, 46184),

Gene: LittleMunchkin_53 Start: 48964, Stop: 48653, Start Num: 9
Candidate Starts for LittleMunchkin_53:
(2, 49246), (Start: 9 @48964 has 12 MA's), (10, 48952), (13, 48919), (21, 48676), (22, 48667),

Gene: Mariokart_51 Start: 45938, Stop: 45633, Start Num: 9
Candidate Starts for Mariokart_51:
(Start: 9 @45938 has 12 MA's), (11, 45914),

Gene: NHagos_53 Start: 46811, Stop: 46533, Start Num: 6
Candidate Starts for NHagos_53:
(Start: 6 @46811 has 1 MA's), (7, 46802), (8, 46799), (12, 46748), (13, 46745), (18, 46583),

Gene: Phrappuccino_19 Start: 11710, Stop: 11354, Start Num: 5
Candidate Starts for Phrappuccino_19:
(4, 11770), (Start: 5 @11710 has 2 MA's), (14, 11578), (16, 11569), (19, 11416), (20, 11389), (23, 11368),

Gene: Settecandela_19 Start: 11710, Stop: 11354, Start Num: 5
Candidate Starts for Settecandela_19:
(4, 11770), (Start: 5 @11710 has 2 MA's), (14, 11578), (16, 11569), (19, 11416), (20, 11389), (23, 11368),

Gene: Shatter_52 Start: 46268, Stop: 45978, Start Num: 9
Candidate Starts for Shatter_52:
(Start: 9 @46268 has 12 MA's), (15, 46184),

Gene: Sisko_50 Start: 46279, Stop: 45971, Start Num: 9
Candidate Starts for Sisko_50:
(Start: 9 @46279 has 12 MA's), (10, 46267), (13, 46234), (17, 46171), (20, 45997), (21, 45994), (22, 45985),

Gene: Sour_54 Start: 49450, Stop: 49163, Start Num: 9
Candidate Starts for Sour_54:
(2, 49750), (4, 49546), (Start: 9 @49450 has 12 MA's), (20, 49189), (22, 49177),

Gene: Yago84_50 Start: 46354, Stop: 46046, Start Num: 9
Candidate Starts for Yago84_50:
(Start: 9 @46354 has 12 MA's), (10, 46342), (13, 46309), (17, 46246), (20, 46072), (21, 46069), (22, 46060),