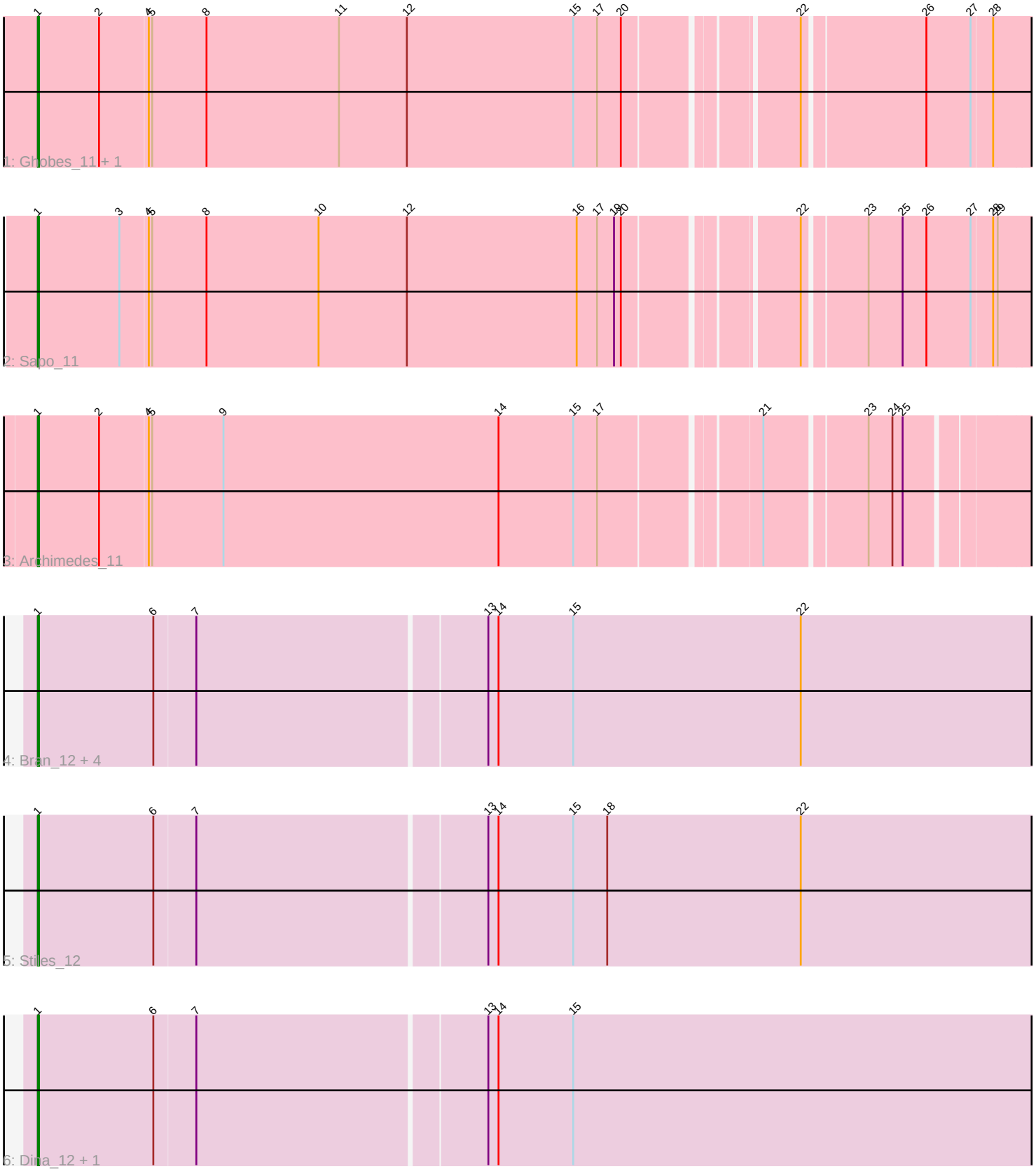
Pham 348204


1: Ghobes_11 + 1
2: Sapo_11
3: Archimedes_11
4: Bran_12 + 4
5: Stiles_12
6: Dima_12 + 1

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 348204 Report

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

Pham number 348204 has 12 members, 0 are drafts.

Phages represented in each track:
• Track 1 : Ghobes_11, Frizzle_11
• Track 2 : Sapo_11
• Track 3 : Archimedes_11
• Track 4 : Bran_12, SamW_12, Troy_12, Lederberg_12, Adelaide_12
• Track 5 : Stiles_12
• Track 6 : Dina_12, StAB_12

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 12 of the 12 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Adelaide_12, Archimedes_11, Bran_12, Dina_12, Frizzle_11, Ghobes_11, Lederberg_12, SamW_12, Sapo_11, StAB_12, Stiles_12, Troy_12,

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

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

Summary by start number:

Start 1:
• Found in 12 of 12 (100.0%) of genes in pham
• Manual Annotations of this start: 12 of 12
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Adelaide_12 (EP), Archimedes_11 (DA), Bran_12 (EP), Dina_12 (EP), Frizzle_11 (DA), Ghobes_11 (DA), Lederberg_12 (EP), SamW_12 (EP), Sapo_11 (DA), StAB_12 (EP), Stiles_12 (EP), Troy_12 (EP),

Summary by clusters:

There are 2 clusters represented in this pham: EP, DA,

Info for manual annotations of cluster DA:
•Start number 1 was manually annotated 4 times for cluster DA.

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

Gene Information:

Gene: Adelaide_12 Start: 7964, Stop: 8869, Start Num: 1
Candidate Starts for Adelaide_12:
(Start: 1 @7964 has 12 MA's), (6, 8066), (7, 8102), (13, 8351), (14, 8360), (15, 8426), (22, 8627),

Gene: Archimedes_11 Start: 7355, Stop: 8200, Start Num: 1
Candidate Starts for Archimedes_11:
(Start: 1 @7355 has 12 MA's), (2, 7409), (4, 7451), (5, 7454), (9, 7517), (14, 7760), (15, 7826), (17, 7847), (21, 7976), (23, 8060), (24, 8081), (25, 8090),

Gene: Bran_12 Start: 7969, Stop: 8874, Start Num: 1
Candidate Starts for Bran_12:
(Start: 1 @7969 has 12 MA's), (6, 8071), (7, 8107), (13, 8356), (14, 8365), (15, 8431), (22, 8632),

Gene: Dina_12 Start: 7952, Stop: 8857, Start Num: 1
Candidate Starts for Dina_12:
(Start: 1 @7952 has 12 MA's), (6, 8054), (7, 8090), (13, 8339), (14, 8348), (15, 8414),

Gene: Frizzle_11 Start: 7439, Stop: 8287, Start Num: 1
Candidate Starts for Frizzle_11:
(Start: 1 @7439 has 12 MA's), (2, 7493), (4, 7535), (5, 7538), (8, 7586), (11, 7703), (12, 7763), (15, 7910), (17, 7931), (20, 7952), (22, 8087), (26, 8189), (27, 8228), (28, 8246),

Gene: Ghobes_11 Start: 7439, Stop: 8287, Start Num: 1
Candidate Starts for Ghobes_11:
(Start: 1 @7439 has 12 MA's), (2, 7493), (4, 7535), (5, 7538), (8, 7586), (11, 7703), (12, 7763), (15, 7910), (17, 7931), (20, 7952), (22, 8087), (26, 8189), (27, 8228), (28, 8246),

Gene: Lederberg_12 Start: 7952, Stop: 8857, Start Num: 1
Candidate Starts for Lederberg_12:
(Start: 1 @7952 has 12 MA's), (6, 8054), (7, 8090), (13, 8339), (14, 8348), (15, 8414), (22, 8615),

Gene: SamW_12 Start: 7952, Stop: 8857, Start Num: 1
Candidate Starts for SamW_12:
(Start: 1 @7952 has 12 MA's), (6, 8054), (7, 8090), (13, 8339), (14, 8348), (15, 8414), (22, 8615),

Gene: Sapo_11 Start: 7428, Stop: 8276, Start Num: 1
Candidate Starts for Sapo_11:
(Start: 1 @7428 has 12 MA's), (3, 7500), (4, 7524), (5, 7527), (8, 7575), (10, 7674), (12, 7752), (16, 7902), (17, 7920), (19, 7935), (20, 7941), (22, 8076), (23, 8127), (25, 8157), (26, 8178), (27, 8217), (28, 8235), (29, 8238),

Gene: StAB_12 Start: 7957, Stop: 8862, Start Num: 1
Candidate Starts for StAB_12:
(Start: 1 @7957 has 12 MA's), (6, 8059), (7, 8095), (13, 8344), (14, 8353), (15, 8419),

Gene: Stiles_12 Start: 7951, Stop: 8856, Start Num: 1
Candidate Starts for Stiles_12:
(Start: 1 @7951 has 12 MA's), (6, 8053), (7, 8089), (13, 8338), (14, 8347), (15, 8413), (18, 8443), (22, 8614),

Gene: Troy_12 Start: 7952, Stop: 8857, Start Num: 1
Candidate Starts for Troy_12:
(Start: 1 @7952 has 12 MA's), (6, 8054), (7, 8090), (13, 8339), (14, 8348), (15, 8414), (22, 8615),