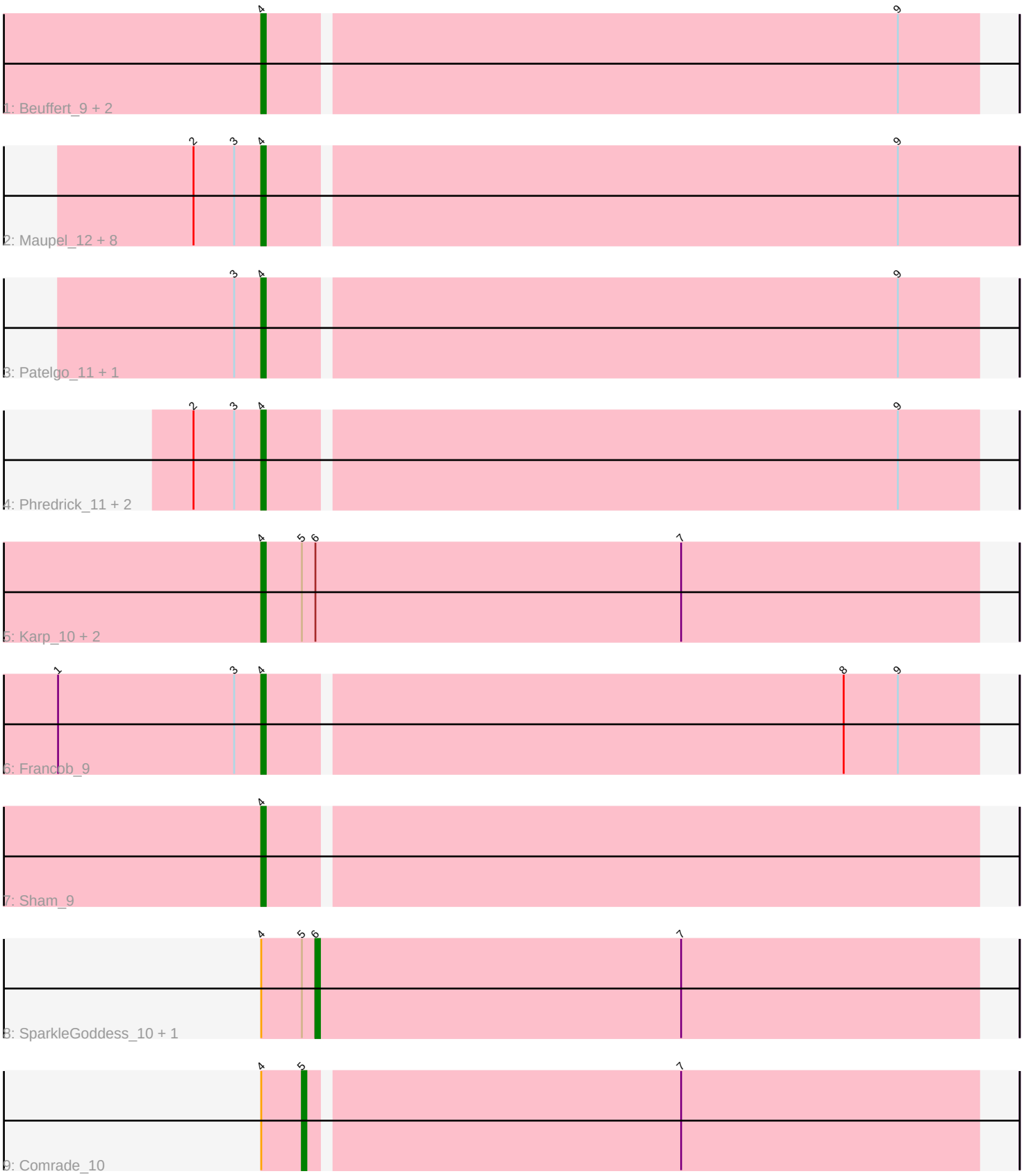
Pham 346098


4
9
1: Beuffert_9 + 2
2
3
4
9
2: Maupel_12 + 8
3
4
9
3: Patelgo_11 + 1
2
3
4
9
4: Phredrick_11 + 2
4
5
6
7
5: Karp_10 + 2
1
3
4
8
9
6: Francbb_9
4
7: Sham_9
4
5
6
7
8: SparkleGoddess_10 + 1
4
5
7
9: Comrade_10

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 346098 Report

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

Pham number 346098 has 25 members, 2 are drafts.

Phages represented in each track:
• Track 1 : Beuffert_9, SeresaTree_10, Faust_11
• Track 2 : Maupel_12, DeluluLababu_10, Annadreamy_10, Gilson_12, Blueeyedbeauty_12, Limpid_10, MeganTheeKilla_10, Emma1919_12, Jada_10
• Track 3 : Patelgo_11, Moab_10
• Track 4 : Phredrick_11, Kenrey_12, Forrest_12
• Track 5 : Karp_10, Belfort_12, Westy_10
• Track 6 : Francob_9
• Track 7 : Sham_9
• Track 8 : SparkleGoddess_10, Stigma_10
• Track 9 : Comrade_10

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 20 of the 23 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Annadreamy_10, Belfort_12, Beuffert_9, Blueeyedbeauty_12, DeluluLababu_10, Emma1919_12, Faust_11, Forrest_12, Francob_9, Gilson_12, Jada_10, Karp_10, Kenrey_12, Limpid_10, Maupel_12, MeganTheeKilla_10, Moab_10, Patelgo_11, Phredrick_11, SeresaTree_10, Sham_9, Westy_10,

Genes that have the "Most Annotated" start but do not call it:
• Comrade_10, SparkleGoddess_10, Stigma_10,

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

Summary by start number:

Start 4:
• Found in 25 of 25 (100.0%) of genes in pham
• Manual Annotations of this start: 20 of 23
• Called 88.0% of time when present

• Phage (with cluster) where this start called: Annadreamy_10 (BK1), Belfort_12 (BK1), Beuffert_9 (BK1), Blueeyedbeauty_12 (BK1), DeluluLabubu_10 (BK1), Emma1919_12 (BK1), Faust_11 (BK1), Forrest_12 (BK1), Francob_9 (BK1), Gilson_12 (BK1), Jada_10 (BK1), Karp_10 (BK1), Kenrey_12 (BK1), Limpid_10 (BK1), Maupel_12 (BK1), MeganTheeKilla_10 (BK1), Moab_10 (BK1), Patelgo_11 (BK1), Phredrick_11 (BK1), SeresaTree_10 (BK1), Sham_9 (BK1), Westy_10 (BK1),

Start 5:
• Found in 6 of 25 (24.0%) of genes in pham
• Manual Annotations of this start: 1 of 23
• Called 16.7% of time when present
• Phage (with cluster) where this start called: Comrade_10 (BK1),

Start 6:
• Found in 5 of 25 (20.0%) of genes in pham
• Manual Annotations of this start: 2 of 23
• Called 40.0% of time when present
• Phage (with cluster) where this start called: SparkleGoddess_10 (BK1), Stigma_10 (BK1),

Summary by clusters:

There is one cluster represented in this pham: BK1

Info for manual annotations of cluster BK1:
•Start number 4 was manually annotated 20 times for cluster BK1.
•Start number 5 was manually annotated 1 time for cluster BK1.
•Start number 6 was manually annotated 2 times for cluster BK1.

Gene Information:

Gene: Annadreamy_10 Start: 3431, Stop: 3267, Start Num: 4
Candidate Starts for Annadreamy_10:
(2, 3446), (3, 3437), (Start: 4 @3431 has 20 MA's), (9, 3293),

Gene: Belfort_12 Start: 4218, Stop: 4060, Start Num: 4
Candidate Starts for Belfort_12:
(Start: 4 @4218 has 20 MA's), (Start: 5 @4209 has 1 MA's), (Start: 6 @4206 has 2 MA's), (7, 4125),

Gene: Beuffert_9 Start: 3261, Stop: 3106, Start Num: 4
Candidate Starts for Beuffert_9:
(Start: 4 @3261 has 20 MA's), (9, 3123),

Gene: Blueeyedbeauty_12 Start: 4094, Stop: 3930, Start Num: 4
Candidate Starts for Blueeyedbeauty_12:
(2, 4109), (3, 4100), (Start: 4 @4094 has 20 MA's), (9, 3956),

Gene: Comrade_10 Start: 3422, Stop: 3276, Start Num: 5
Candidate Starts for Comrade_10:
(Start: 4 @3431 has 20 MA's), (Start: 5 @3422 has 1 MA's), (7, 3341),

Gene: DeluluLabubu_10 Start: 3355, Stop: 3191, Start Num: 4
Candidate Starts for DeluluLabubu_10:
(2, 3370), (3, 3361), (Start: 4 @3355 has 20 MA's), (9, 3217),

Gene: Emma1919_12 Start: 4041, Stop: 3877, Start Num: 4
Candidate Starts for Emma1919_12:
(2, 4056), (3, 4047), (Start: 4 @4041 has 20 MA's), (9, 3903),

Gene: Faust_11 Start: 4113, Stop: 3949, Start Num: 4
Candidate Starts for Faust_11:
(Start: 4 @4113 has 20 MA's), (9, 3975),

Gene: Forrest_12 Start: 4175, Stop: 4020, Start Num: 4
Candidate Starts for Forrest_12:
(2, 4190), (3, 4181), (Start: 4 @4175 has 20 MA's), (9, 4037),

Gene: Francob_9 Start: 3391, Stop: 3236, Start Num: 4
Candidate Starts for Francob_9:
(1, 3436), (3, 3397), (Start: 4 @3391 has 20 MA's), (8, 3265), (9, 3253),

Gene: Gilson_12 Start: 3994, Stop: 3830, Start Num: 4
Candidate Starts for Gilson_12:
(2, 4009), (3, 4000), (Start: 4 @3994 has 20 MA's), (9, 3856),

Gene: Jada_10 Start: 3355, Stop: 3191, Start Num: 4
Candidate Starts for Jada_10:
(2, 3370), (3, 3361), (Start: 4 @3355 has 20 MA's), (9, 3217),

Gene: Karp_10 Start: 3434, Stop: 3276, Start Num: 4
Candidate Starts for Karp_10:
(Start: 4 @3434 has 20 MA's), (Start: 5 @3425 has 1 MA's), (Start: 6 @3422 has 2 MA's), (7, 3341),

Gene: Kenrey_12 Start: 4046, Stop: 3891, Start Num: 4
Candidate Starts for Kenrey_12:
(2, 4061), (3, 4052), (Start: 4 @4046 has 20 MA's), (9, 3908),

Gene: Limpid_10 Start: 3430, Stop: 3266, Start Num: 4
Candidate Starts for Limpid_10:
(2, 3445), (3, 3436), (Start: 4 @3430 has 20 MA's), (9, 3292),

Gene: Maupel_12 Start: 3994, Stop: 3830, Start Num: 4
Candidate Starts for Maupel_12:
(2, 4009), (3, 4000), (Start: 4 @3994 has 20 MA's), (9, 3856),

Gene: MeganTheeKilla_10 Start: 3355, Stop: 3191, Start Num: 4
Candidate Starts for MeganTheeKilla_10:
(2, 3370), (3, 3361), (Start: 4 @3355 has 20 MA's), (9, 3217),

Gene: Moab_10 Start: 3552, Stop: 3397, Start Num: 4
Candidate Starts for Moab_10:
(3, 3558), (Start: 4 @3552 has 20 MA's), (9, 3414),

Gene: Patelgo_11 Start: 3552, Stop: 3397, Start Num: 4

Candidate Starts for Patelgo_11:
(3, 3558), (Start: 4 @3552 has 20 MA's), (9, 3414),

Gene: Phredrick_11 Start: 3654, Stop: 3499, Start Num: 4
Candidate Starts for Phredrick_11:
(2, 3669), (3, 3660), (Start: 4 @3654 has 20 MA's), (9, 3516),

Gene: SeresaTree_10 Start: 3503, Stop: 3339, Start Num: 4
Candidate Starts for SeresaTree_10:
(Start: 4 @3503 has 20 MA's), (9, 3365),

Gene: Sham_9 Start: 3318, Stop: 3163, Start Num: 4
Candidate Starts for Sham_9:
(Start: 4 @3318 has 20 MA's),

Gene: SparkleGoddess_10 Start: 3418, Stop: 3272, Start Num: 6
Candidate Starts for SparkleGoddess_10:
(Start: 4 @3430 has 20 MA's), (Start: 5 @3421 has 1 MA's), (Start: 6 @3418 has 2 MA's), (7, 3337),

Gene: Stigma_10 Start: 3422, Stop: 3276, Start Num: 6
Candidate Starts for Stigma_10:
(Start: 4 @3434 has 20 MA's), (Start: 5 @3425 has 1 MA's), (Start: 6 @3422 has 2 MA's), (7, 3341),

Gene: Westy_10 Start: 3434, Stop: 3276, Start Num: 4
Candidate Starts for Westy_10:
(Start: 4 @3434 has 20 MA's), (Start: 5 @3425 has 1 MA's), (Start: 6 @3422 has 2 MA's), (7, 3341),