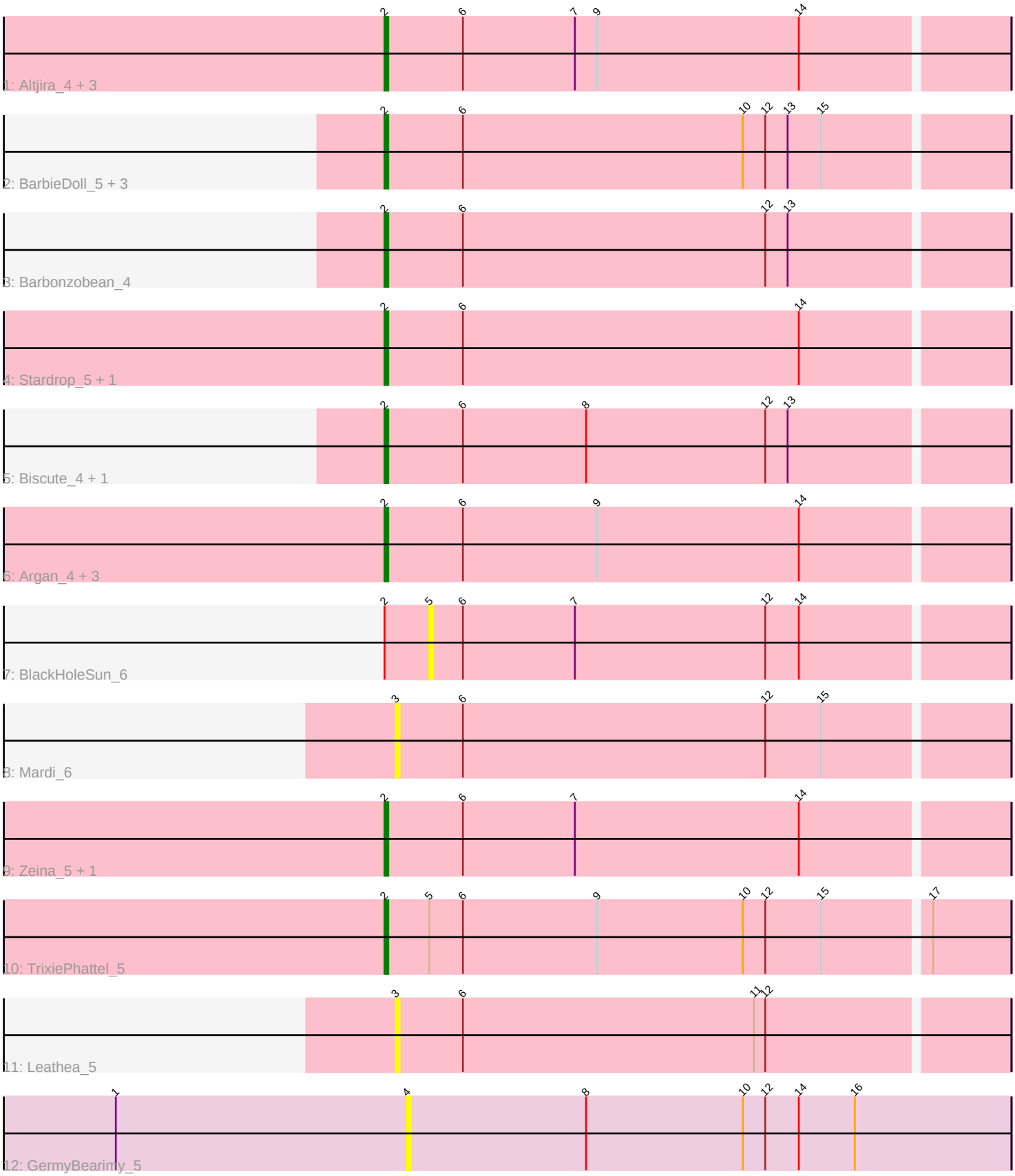
Pham 347978


2
6
7
9
14
1: Altjira_4 + 3
2
6
10
12
13
15
2: BarbieDoll_5 + 3
2
6
12
13
3: Barbonzobean_4
2
6
14
4: Stardrop_5 + 1
2
6
8
12
13
5: Biscute_4 + 1
2
6
9
14
6: Argan_4 + 3
2
5
6
7
12
14
7: BlackHoleSun_6
3
6
12
15
8: Mardi_6
2
6
7
14
9: Zeina_5 + 1
2
5
6
9
10
12
15
17
10: TrixiePhattel_5
3
6
11
12
11: Leathea_5
1
4
8
10
12
14
16
12: GermyBearimy_5

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 347978 Report

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

Pham number 347978 has 24 members, 8 are drafts.

Phages represented in each track:
• Track 1 : Altjira_4, Uzumaki_5, Tenney120_5, KevinMinion_4
• Track 2 : BarbieDoll_5, Renaldo_6, Kinny_5, Lewando_5
• Track 3 : Barbonzobean_4
• Track 4 : Stardrop_5, PoeMe_5
• Track 5 : Biscute_4, Muglass_4
• Track 6 : Argan_4, Remlit_5, Navi1117_5, Phaila_5
• Track 7 : BlackHoleSun_6
• Track 8 : Mardi_6
• Track 9 : Zeina_5, GantcherGoblin_4
• Track 10 : TrixiePhattel_5
• Track 11 : Leathea_5
• Track 12 : GermyBearimy_5

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 16 of the 16 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Altjira_4, Argan_4, BarbieDoll_5, Barbonzobean_4, Biscute_4, GantcherGoblin_4, KevinMinion_4, Kinny_5, Lewando_5, Muglass_4, Navi1117_5, Phaila_5, PoeMe_5, Remlit_5, Renaldo_6, Stardrop_5, Tenney120_5, TrixiePhattel_5, Uzumaki_5, Zeina_5,

Genes that have the "Most Annotated" start but do not call it:
• BlackHoleSun_6,

Genes that do not have the "Most Annotated" start:
• GermyBearimy_5, Leathea_5, Mardi_6,

Summary by start number:

Start 2:
• Found in 21 of 24 (87.5%) of genes in pham

• Manual Annotations of this start: 16 of 16
• Called 95.2% of time when present
• Phage (with cluster) where this start called: Altjira_4 (AU6), Argan_4 (AU6), BarbieDoll_5 (AU6), Barbonzobean_4 (AU6), Biscute_4 (AU6), GantcherGoblin_4 (AU6), KevinMinion_4 (AU6), Kinny_5 (AU6), Lewando_5 (AU6), Muglass_4 (AU6), Navi1117_5 (AU6), Phaila_5 (AU6), PoeMe_5 (AU6), Remlit_5 (AU6), Renaldo_6 (AU6), Stardrop_5 (AU6), Tenney120_5 (AU6), TrixiePhattel_5 (AU6), Uzumaki_5 (AU6), Zeina_5 (AU6),

Start 3:
• Found in 2 of 24 (8.3%) of genes in pham
• No Manual Annotations of this start.
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Leathea_5 (AU6), Mardi_6 (AU6),

Start 4:
• Found in 1 of 24 (4.2%) of genes in pham
• No Manual Annotations of this start.
• Called 100.0% of time when present
• Phage (with cluster) where this start called: GermyBearimy_5 (FI),

Start 5:
• Found in 2 of 24 (8.3%) of genes in pham
• No Manual Annotations of this start.
• Called 50.0% of time when present
• Phage (with cluster) where this start called: BlackHoleSun_6 (AU6),

Summary by clusters:

There are 2 clusters represented in this pham: FI, AU6,

Info for manual annotations of cluster AU6:
•Start number 2 was manually annotated 16 times for cluster AU6.

Gene Information:

Gene: Altjira_4 Start: 2404, Stop: 2568, Start Num: 2
Candidate Starts for Altjira_4:
(Start: 2 @2404 has 16 MA's), (6, 2425), (7, 2455), (9, 2461), (14, 2515),

Gene: Argan_4 Start: 2218, Stop: 2382, Start Num: 2
Candidate Starts for Argan_4:
(Start: 2 @2218 has 16 MA's), (6, 2239), (9, 2275), (14, 2329),

Gene: BarbieDoll_5 Start: 2511, Stop: 2675, Start Num: 2
Candidate Starts for BarbieDoll_5:
(Start: 2 @2511 has 16 MA's), (6, 2532), (10, 2607), (12, 2613), (13, 2619), (15, 2628),

Gene: Barbonzobean_4 Start: 2207, Stop: 2371, Start Num: 2
Candidate Starts for Barbonzobean_4:

(Start: 2 @2207 has 16 MA's), (6, 2228), (12, 2309), (13, 2315),

Gene: Biscute_4 Start: 2207, Stop: 2371, Start Num: 2
Candidate Starts for Biscute_4:
(Start: 2 @2207 has 16 MA's), (6, 2228), (8, 2261), (12, 2309), (13, 2315),

Gene: BlackHoleSun_6 Start: 2597, Stop: 2749, Start Num: 5
Candidate Starts for BlackHoleSun_6:
(Start: 2 @2585 has 16 MA's), (5, 2597), (6, 2606), (7, 2636), (12, 2687), (14, 2696),

Gene: GantcherGoblin_4 Start: 2218, Stop: 2382, Start Num: 2
Candidate Starts for GantcherGoblin_4:
(Start: 2 @2218 has 16 MA's), (6, 2239), (7, 2269), (14, 2329),

Gene: GermyBearimy_5 Start: 2750, Stop: 2911, Start Num: 4
Candidate Starts for GermyBearimy_5:
(1, 2672), (4, 2750), (8, 2798), (10, 2840), (12, 2846), (14, 2855), (16, 2870),

Gene: KevinMinion_4 Start: 2374, Stop: 2538, Start Num: 2
Candidate Starts for KevinMinion_4:
(Start: 2 @2374 has 16 MA's), (6, 2395), (7, 2425), (9, 2431), (14, 2485),

Gene: Kinny_5 Start: 2511, Stop: 2675, Start Num: 2
Candidate Starts for Kinny_5:
(Start: 2 @2511 has 16 MA's), (6, 2532), (10, 2607), (12, 2613), (13, 2619), (15, 2628),

Gene: Leathea_5 Start: 2401, Stop: 2562, Start Num: 3
Candidate Starts for Leathea_5:
(3, 2401), (6, 2419), (11, 2497), (12, 2500),

Gene: Lewando_5 Start: 2510, Stop: 2674, Start Num: 2
Candidate Starts for Lewando_5:
(Start: 2 @2510 has 16 MA's), (6, 2531), (10, 2606), (12, 2612), (13, 2618), (15, 2627),

Gene: Mardi_6 Start: 2522, Stop: 2683, Start Num: 3
Candidate Starts for Mardi_6:
(3, 2522), (6, 2540), (12, 2621), (15, 2636),

Gene: Muglass_4 Start: 2207, Stop: 2371, Start Num: 2
Candidate Starts for Muglass_4:
(Start: 2 @2207 has 16 MA's), (6, 2228), (8, 2261), (12, 2309), (13, 2315),

Gene: Navi1117_5 Start: 2613, Stop: 2777, Start Num: 2
Candidate Starts for Navi1117_5:
(Start: 2 @2613 has 16 MA's), (6, 2634), (9, 2670), (14, 2724),

Gene: Phaila_5 Start: 2487, Stop: 2651, Start Num: 2
Candidate Starts for Phaila_5:
(Start: 2 @2487 has 16 MA's), (6, 2508), (9, 2544), (14, 2598),

Gene: PoeMe_5 Start: 2521, Stop: 2685, Start Num: 2
Candidate Starts for PoeMe_5:
(Start: 2 @2521 has 16 MA's), (6, 2542), (14, 2632),

Gene: Remlit_5 Start: 2501, Stop: 2665, Start Num: 2
Candidate Starts for Remlit_5:
(Start: 2 @2501 has 16 MA's), (6, 2522), (9, 2558), (14, 2612),

Gene: Renaldo_6 Start: 2511, Stop: 2675, Start Num: 2
Candidate Starts for Renaldo_6:
(Start: 2 @2511 has 16 MA's), (6, 2532), (10, 2607), (12, 2613), (13, 2619), (15, 2628),

Gene: Stardrop_5 Start: 2521, Stop: 2685, Start Num: 2
Candidate Starts for Stardrop_5:
(Start: 2 @2521 has 16 MA's), (6, 2542), (14, 2632),

Gene: Tenney120_5 Start: 2501, Stop: 2665, Start Num: 2
Candidate Starts for Tenney120_5:
(Start: 2 @2501 has 16 MA's), (6, 2522), (7, 2552), (9, 2558), (14, 2612),

Gene: TrixiePhattel_5 Start: 2448, Stop: 2612, Start Num: 2
Candidate Starts for TrixiePhattel_5:
(Start: 2 @2448 has 16 MA's), (5, 2460), (6, 2469), (9, 2505), (10, 2544), (12, 2550), (15, 2565), (17, 2592),

Gene: Uzumaki_5 Start: 2501, Stop: 2665, Start Num: 2
Candidate Starts for Uzumaki_5:
(Start: 2 @2501 has 16 MA's), (6, 2522), (7, 2552), (9, 2558), (14, 2612),

Gene: Zeina_5 Start: 2511, Stop: 2675, Start Num: 2
Candidate Starts for Zeina_5:
(Start: 2 @2511 has 16 MA's), (6, 2532), (7, 2562), (14, 2622),