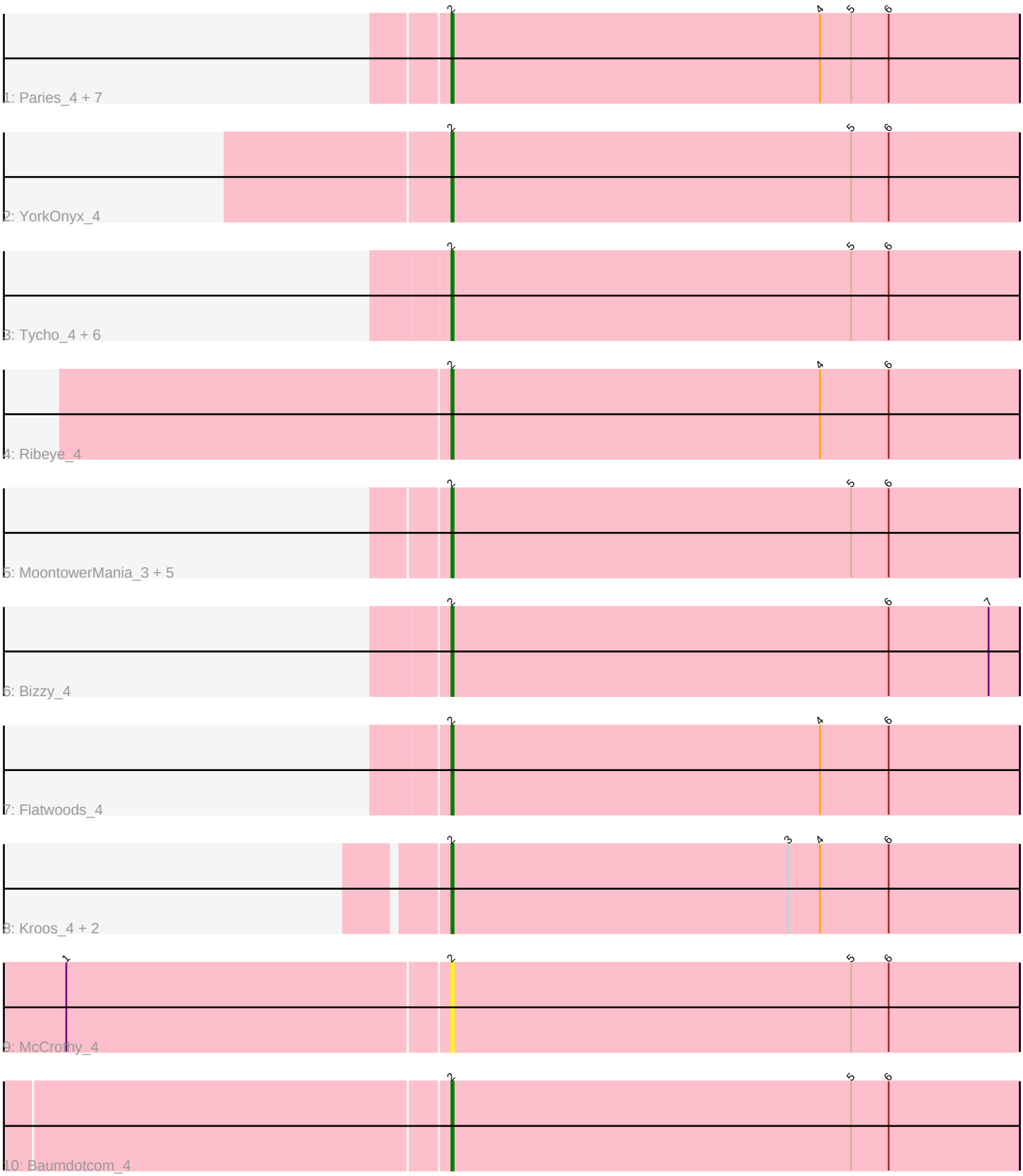
Pham 344257


2
4
5
6
1: Paries_4 + 7
2
5
6
2: YorkOnyx_4
2
5
6
3: Tycho_4 + 6
2
4
6
4: Ribeye_4
2
5
6
5: MoontowerMania_3 + 5
2
6
7
6: Bizzy_4
2
4
6
7: Flatwoods_4
2
3
4
6
8: Kroos_4 + 2
1
2
5
6
9: McCrothy_4
2
5
6
10: Baumdotcom_4

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 344257 Report

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

Pham number 344257 has 30 members, 1 are drafts.

Phages represented in each track:
• Track 1 : Paries_4, Rofo_4, Affeca_4, Brandonk123_4, Angelicage_4, Love_4, Thing3_4, Kamashten_4
• Track 2 : YorkOnyx_4
• Track 3 : Tycho_4, Kwobi_4, Gustavo_4, Saronaya_4, Gaea_4, StorminNorm_4, Tangerine_4
• Track 4 : Ribeye_4
• Track 5 : MoontowerMania_3, Ashertheman_4, Barsten_4, FuegoCuervo_4, Kewpiedoll_4, Galadriel_4
• Track 6 : Bizzy_4
• Track 7 : Flatwoods_4
• Track 8 : Kroos_4, Zitch_3, BigHunkinEater_4
• Track 9 : McCrothy_4
• Track 10 : Baumdotcom_4

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 29 of the 29 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Affeca_4, Angelicage_4, Ashertheman_4, Barsten_4, Baumdotcom_4, BigHunkinEater_4, Bizzy_4, Brandonk123_4, Flatwoods_4, FuegoCuervo_4, Gaea_4, Galadriel_4, Gustavo_4, Kamashten_4, Kewpiedoll_4, Kroos_4, Kwobi_4, Love_4, McCrothy_4, MoontowerMania_3, Paries_4, Ribeye_4, Rofo_4, Saronaya_4, StorminNorm_4, Tangerine_4, Thing3_4, Tycho_4, YorkOnyx_4, Zitch_3,

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 2:
• Found in 30 of 30 (100.0%) of genes in pham
• Manual Annotations of this start: 29 of 29
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Affeca_4 (DE1), Angelicage_4 (DE1), Ashertheman_4 (DE1), Barsten_4 (DE1), Baumdotcom_4 (DE1), BigHunkinEater_4 (DE4), Bizzy_4 (DE1), Brandonk123_4 (DE1), Flatwoods_4 (DE1), FuegoCuervo_4 (DE1), Gaea_4 (DE1), Galadriel_4 (DE1), Gustavo_4 (DE1), Kamashten_4 (DE1), Kewpiedoll_4 (DE1), Kroos_4 (DE1), Kwobi_4 (DE1), Love_4 (DE1), McCrothy_4 (DE1), MoontowerMania_3 (DE1), Paries_4 (DE1), Ribeye_4 (DE1), Rofo_4 (DE1), Saronaya_4 (DE1), StorminNorm_4 (DE1), Tangerine_4 (DE1), Thing3_4 (DE1), Tycho_4 (DE1), YorkOnyx_4 (DE1), Zitch_3 (DE4),

Summary by clusters:

There are 2 clusters represented in this pham: DE1, DE4,

Info for manual annotations of cluster DE1:
•Start number 2 was manually annotated 27 times for cluster DE1.

Info for manual annotations of cluster DE4:
•Start number 2 was manually annotated 2 times for cluster DE4.

Gene Information:

Gene: Affeca_4 Start: 3242, Stop: 3514, Start Num: 2
Candidate Starts for Affeca_4:
(Start: 2 @3242 has 29 MA's), (4, 3419), (5, 3434), (6, 3452),

Gene: Angelicage_4 Start: 3236, Stop: 3508, Start Num: 2
Candidate Starts for Angelicage_4:
(Start: 2 @3236 has 29 MA's), (4, 3413), (5, 3428), (6, 3446),

Gene: Ashertheman_4 Start: 2481, Stop: 2753, Start Num: 2
Candidate Starts for Ashertheman_4:
(Start: 2 @2481 has 29 MA's), (5, 2673), (6, 2691),

Gene: Barsten_4 Start: 2443, Stop: 2715, Start Num: 2
Candidate Starts for Barsten_4:
(Start: 2 @2443 has 29 MA's), (5, 2635), (6, 2653),

Gene: Baumdotcom_4 Start: 2526, Stop: 2798, Start Num: 2
Candidate Starts for Baumdotcom_4:
(Start: 2 @2526 has 29 MA's), (5, 2718), (6, 2736),

Gene: BigHunkinEater_4 Start: 2493, Stop: 2765, Start Num: 2
Candidate Starts for BigHunkinEater_4:
(Start: 2 @2493 has 29 MA's), (3, 2655), (4, 2670), (6, 2703),

Gene: Bizzy_4 Start: 2484, Stop: 2756, Start Num: 2
Candidate Starts for Bizzy_4:

(Start: 2 @2484 has 29 MA's), (6, 2694), (7, 2742),

Gene: Brandonk123_4 Start: 2441, Stop: 2713, Start Num: 2
Candidate Starts for Brandonk123_4:
(Start: 2 @2441 has 29 MA's), (4, 2618), (5, 2633), (6, 2651),

Gene: Flatwoods_4 Start: 2484, Stop: 2756, Start Num: 2
Candidate Starts for Flatwoods_4:
(Start: 2 @2484 has 29 MA's), (4, 2661), (6, 2694),

Gene: FuegoCuervo_4 Start: 2449, Stop: 2721, Start Num: 2
Candidate Starts for FuegoCuervo_4:
(Start: 2 @2449 has 29 MA's), (5, 2641), (6, 2659),

Gene: Gaea_4 Start: 2484, Stop: 2756, Start Num: 2
Candidate Starts for Gaea_4:
(Start: 2 @2484 has 29 MA's), (5, 2676), (6, 2694),

Gene: Galadriel_4 Start: 2441, Stop: 2713, Start Num: 2
Candidate Starts for Galadriel_4:
(Start: 2 @2441 has 29 MA's), (5, 2633), (6, 2651),

Gene: Gustavo_4 Start: 2484, Stop: 2756, Start Num: 2
Candidate Starts for Gustavo_4:
(Start: 2 @2484 has 29 MA's), (5, 2676), (6, 2694),

Gene: Kamashten_4 Start: 2441, Stop: 2713, Start Num: 2
Candidate Starts for Kamashten_4:
(Start: 2 @2441 has 29 MA's), (4, 2618), (5, 2633), (6, 2651),

Gene: Kewpiedoll_4 Start: 2449, Stop: 2721, Start Num: 2
Candidate Starts for Kewpiedoll_4:
(Start: 2 @2449 has 29 MA's), (5, 2641), (6, 2659),

Gene: Kroos_4 Start: 2450, Stop: 2722, Start Num: 2
Candidate Starts for Kroos_4:
(Start: 2 @2450 has 29 MA's), (3, 2612), (4, 2627), (6, 2660),

Gene: Kwobi_4 Start: 2484, Stop: 2756, Start Num: 2
Candidate Starts for Kwobi_4:
(Start: 2 @2484 has 29 MA's), (5, 2676), (6, 2694),

Gene: Love_4 Start: 2441, Stop: 2713, Start Num: 2
Candidate Starts for Love_4:
(Start: 2 @2441 has 29 MA's), (4, 2618), (5, 2633), (6, 2651),

Gene: McCrothy_4 Start: 2486, Stop: 2758, Start Num: 2
Candidate Starts for McCrothy_4:
(1, 2306), (Start: 2 @2486 has 29 MA's), (5, 2678), (6, 2696),

Gene: MoontowerMania_3 Start: 2188, Stop: 2460, Start Num: 2
Candidate Starts for MoontowerMania_3:
(Start: 2 @2188 has 29 MA's), (5, 2380), (6, 2398),

Gene: Paries_4 Start: 2441, Stop: 2713, Start Num: 2
Candidate Starts for Paries_4:
(Start: 2 @2441 has 29 MA's), (4, 2618), (5, 2633), (6, 2651),

Gene: Ribeye_4 Start: 2485, Stop: 2757, Start Num: 2
Candidate Starts for Ribeye_4:
(Start: 2 @2485 has 29 MA's), (4, 2662), (6, 2695),

Gene: Rofo_4 Start: 3242, Stop: 3514, Start Num: 2
Candidate Starts for Rofo_4:
(Start: 2 @3242 has 29 MA's), (4, 3419), (5, 3434), (6, 3452),

Gene: Saronaya_4 Start: 2484, Stop: 2756, Start Num: 2
Candidate Starts for Saronaya_4:
(Start: 2 @2484 has 29 MA's), (5, 2676), (6, 2694),

Gene: StorminNorm_4 Start: 2484, Stop: 2756, Start Num: 2
Candidate Starts for StorminNorm_4:
(Start: 2 @2484 has 29 MA's), (5, 2676), (6, 2694),

Gene: Tangerine_4 Start: 2484, Stop: 2756, Start Num: 2
Candidate Starts for Tangerine_4:
(Start: 2 @2484 has 29 MA's), (5, 2676), (6, 2694),

Gene: Thing3_4 Start: 2441, Stop: 2713, Start Num: 2
Candidate Starts for Thing3_4:
(Start: 2 @2441 has 29 MA's), (4, 2618), (5, 2633), (6, 2651),

Gene: Tycho_4 Start: 2484, Stop: 2756, Start Num: 2
Candidate Starts for Tycho_4:
(Start: 2 @2484 has 29 MA's), (5, 2676), (6, 2694),

Gene: YorkOnyx_4 Start: 2442, Stop: 2714, Start Num: 2
Candidate Starts for YorkOnyx_4:
(Start: 2 @2442 has 29 MA's), (5, 2634), (6, 2652),

Gene: Zitch_3 Start: 2493, Stop: 2765, Start Num: 2
Candidate Starts for Zitch_3:
(Start: 2 @2493 has 29 MA's), (3, 2655), (4, 2670), (6, 2703),