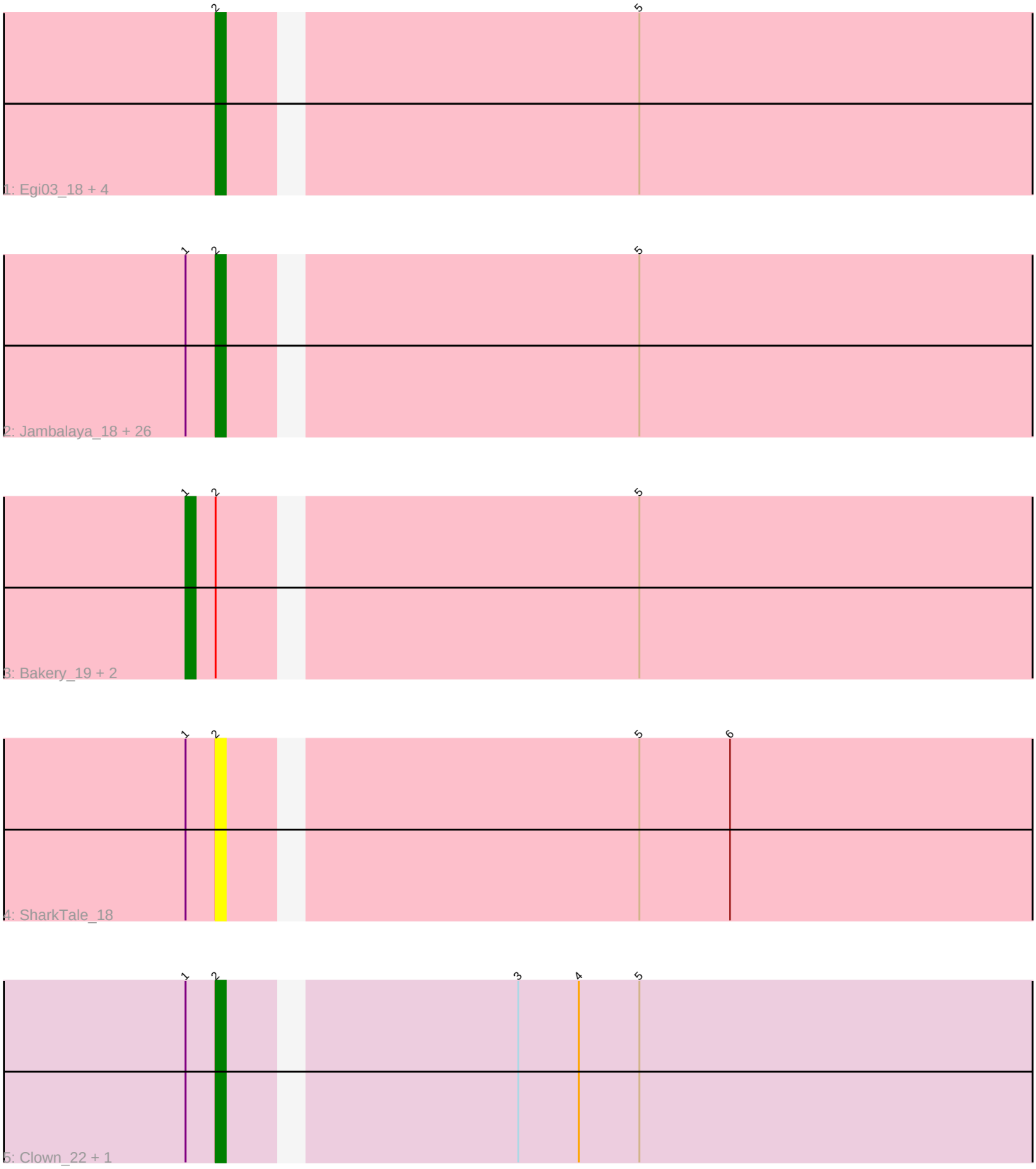
Pham 347813


2
5
1: Egi03_18 + 4
1
2
5
2: Jambalaya_18 + 26
1
2
5
3: Bakery_19 + 2
1
2
5
6
4: SharkTale_18
1
2
3
4
5
5: Clown_22 + 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 347813 Report

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

Pham number 347813 has 38 members, 5 are drafts.

Phages represented in each track:
• Track 1 : Egi03_18, Wizard_18, Sendy_19, Gezellig_18, Fireball_19
• Track 2 : Jambalaya_18, KimmyK_20, YungMoney_20, RogerDodger_21, Twister6_20, TillyBobJoe_18, Arri_21, Nubi_18, Danyall_20, Savbucketdawg_18, Shinji_18, Fugax_20, Barb_20, SmokingBunny_18, Portcullis_18, VanDeWege_21, PinkCoffee_20, Sixsevenium_19, CoveyB_20, Halo3_19, Evamon_18, Togo_18, ClamChowder_20, Phlop_18, CherryCola_21, PullumCavea_18, JohnPork_18
• Track 3 : Bakery_19, Salvador_18, Valary_21
• Track 4 : SharkTale_18
• Track 5 : Clown_22, Mutzi_20

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 30 of the 33 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Arri_21, Barb_20, CherryCola_21, ClamChowder_20, Clown_22, CoveyB_20, Danyall_20, Egi03_18, Evamon_18, Fireball_19, Fugax_20, Gezellig_18, Halo3_19, Jambalaya_18, JohnPork_18, KimmyK_20, Mutzi_20, Nubi_18, Phlop_18, PinkCoffee_20, Portcullis_18, PullumCavea_18, RogerDodger_21, Savbucketdawg_18, Sendy_19, SharkTale_18, Shinji_18, Sixsevenium_19, SmokingBunny_18, TillyBobJoe_18, Togo_18, Twister6_20, VanDeWege_21, Wizard_18, YungMoney_20,

Genes that have the "Most Annotated" start but do not call it:
• Bakery_19, Salvador_18, Valary_21,

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

Summary by start number:

Start 1:
• Found in 33 of 38 (86.8%) of genes in pham

• Manual Annotations of this start: 3 of 33
• Called 9.1% of time when present
• Phage (with cluster) where this start called: Bakery_19 (DC1), Salvador_18 (DC1), Valary_21 (DC1),

Start 2:
• Found in 38 of 38 (100.0%) of genes in pham
• Manual Annotations of this start: 30 of 33
• Called 92.1% of time when present
• Phage (with cluster) where this start called: Arri_21 (DC1), Barb_20 (DC1), CherryCola_21 (DC1), ClamChowder_20 (DC1), Clown_22 (DC2), CoveyB_20 (DC1), Danyall_20 (DC1), Egi03_18 (DC1), Evamon_18 (DC1), Fireball_19 (DC1), Fugax_20 (DC1), Gezellig_18 (DC1), Halo3_19 (DC1), Jambalaya_18 (DC1), JohnPork_18 (DC1), KimmyK_20 (DC1), Mutzi_20 (DC1), Nubi_18 (DC1), Phlop_18 (DC1), PinkCoffee_20 (DC1), Portcullis_18 (DC1), PullumCavea_18 (DC1), RogerDodger_21 (DC1), Savbucketdawg_18 (DC1), Sendy_19 (DC1), SharkTale_18 (DC1), Shinji_18 (DC1), Sixsevenium_19 (DC1), SmokingBunny_18 (DC1), TillyBobJoe_18 (DC1), Togo_18 (DC1), Twister6_20 (DC1), VanDeWege_21 (DC1), Wizard_18 (DC1), YungMoney_20 (DC1),

Summary by clusters:

There are 2 clusters represented in this pham: DC2, DC1,

Info for manual annotations of cluster DC1:
•Start number 1 was manually annotated 3 times for cluster DC1.
•Start number 2 was manually annotated 29 times for cluster DC1.

Info for manual annotations of cluster DC2:
•Start number 2 was manually annotated 1 time for cluster DC2.

Gene Information:

Gene: Arri_21 Start: 12300, Stop: 12446, Start Num: 2
Candidate Starts for Arri_21:
(Start: 1 @12297 has 3 MA's), (Start: 2 @12300 has 30 MA's), (5, 12342),

Gene: Bakery_19 Start: 11498, Stop: 11644, Start Num: 1
Candidate Starts for Bakery_19:
(Start: 1 @11498 has 3 MA's), (Start: 2 @11501 has 30 MA's), (5, 11540),

Gene: Barb_20 Start: 12278, Stop: 12421, Start Num: 2
Candidate Starts for Barb_20:
(Start: 1 @12275 has 3 MA's), (Start: 2 @12278 has 30 MA's), (5, 12317),

Gene: CherryCola_21 Start: 12499, Stop: 12642, Start Num: 2
Candidate Starts for CherryCola_21:
(Start: 1 @12496 has 3 MA's), (Start: 2 @12499 has 30 MA's), (5, 12538),

Gene: ClamChowder_20 Start: 12278, Stop: 12421, Start Num: 2
Candidate Starts for ClamChowder_20:

(Start: 1 @12275 has 3 MA's), (Start: 2 @12278 has 30 MA's), (5, 12317),

Gene: Clown_22 Start: 14288, Stop: 14431, Start Num: 2
Candidate Starts for Clown_22:
(Start: 1 @14285 has 3 MA's), (Start: 2 @14288 has 30 MA's), (3, 14315), (4, 14321), (5, 14327),

Gene: CoveyB_20 Start: 12135, Stop: 12278, Start Num: 2
Candidate Starts for CoveyB_20:
(Start: 1 @12132 has 3 MA's), (Start: 2 @12135 has 30 MA's), (5, 12174),

Gene: Danyall_20 Start: 12135, Stop: 12278, Start Num: 2
Candidate Starts for Danyall_20:
(Start: 1 @12132 has 3 MA's), (Start: 2 @12135 has 30 MA's), (5, 12174),

Gene: Egi03_18 Start: 11745, Stop: 11888, Start Num: 2
Candidate Starts for Egi03_18:
(Start: 2 @11745 has 30 MA's), (5, 11784),

Gene: Evamon_18 Start: 11610, Stop: 11753, Start Num: 2
Candidate Starts for Evamon_18:
(Start: 1 @11607 has 3 MA's), (Start: 2 @11610 has 30 MA's), (5, 11649),

Gene: Fireball_19 Start: 11748, Stop: 11891, Start Num: 2
Candidate Starts for Fireball_19:
(Start: 2 @11748 has 30 MA's), (5, 11787),

Gene: Fugax_20 Start: 12278, Stop: 12421, Start Num: 2
Candidate Starts for Fugax_20:
(Start: 1 @12275 has 3 MA's), (Start: 2 @12278 has 30 MA's), (5, 12317),

Gene: Gezellig_18 Start: 11748, Stop: 11891, Start Num: 2
Candidate Starts for Gezellig_18:
(Start: 2 @11748 has 30 MA's), (5, 11787),

Gene: Halo3_19 Start: 12063, Stop: 12206, Start Num: 2
Candidate Starts for Halo3_19:
(Start: 1 @12060 has 3 MA's), (Start: 2 @12063 has 30 MA's), (5, 12102),

Gene: Jambalaya_18 Start: 11401, Stop: 11544, Start Num: 2
Candidate Starts for Jambalaya_18:
(Start: 1 @11398 has 3 MA's), (Start: 2 @11401 has 30 MA's), (5, 11440),

Gene: JohnPork_18 Start: 11649, Stop: 11792, Start Num: 2
Candidate Starts for JohnPork_18:
(Start: 1 @11646 has 3 MA's), (Start: 2 @11649 has 30 MA's), (5, 11688),

Gene: KimmyK_20 Start: 12278, Stop: 12421, Start Num: 2
Candidate Starts for KimmyK_20:
(Start: 1 @12275 has 3 MA's), (Start: 2 @12278 has 30 MA's), (5, 12317),

Gene: Mutzi_20 Start: 12002, Stop: 12145, Start Num: 2
Candidate Starts for Mutzi_20:
(Start: 1 @11999 has 3 MA's), (Start: 2 @12002 has 30 MA's), (3, 12029), (4, 12035), (5, 12041),

Gene: Nubi_18 Start: 11630, Stop: 11773, Start Num: 2
Candidate Starts for Nubi_18:
(Start: 1 @11627 has 3 MA's), (Start: 2 @11630 has 30 MA's), (5, 11669),

Gene: Phlop_18 Start: 11703, Stop: 11846, Start Num: 2
Candidate Starts for Phlop_18:
(Start: 1 @11700 has 3 MA's), (Start: 2 @11703 has 30 MA's), (5, 11742),

Gene: PinkCoffee_20 Start: 12287, Stop: 12430, Start Num: 2
Candidate Starts for PinkCoffee_20:
(Start: 1 @12284 has 3 MA's), (Start: 2 @12287 has 30 MA's), (5, 12326),

Gene: Portcullis_18 Start: 11649, Stop: 11792, Start Num: 2
Candidate Starts for Portcullis_18:
(Start: 1 @11646 has 3 MA's), (Start: 2 @11649 has 30 MA's), (5, 11688),

Gene: PullumCavea_18 Start: 11703, Stop: 11846, Start Num: 2
Candidate Starts for PullumCavea_18:
(Start: 1 @11700 has 3 MA's), (Start: 2 @11703 has 30 MA's), (5, 11742),

Gene: RogerDodger_21 Start: 12499, Stop: 12642, Start Num: 2
Candidate Starts for RogerDodger_21:
(Start: 1 @12496 has 3 MA's), (Start: 2 @12499 has 30 MA's), (5, 12538),

Gene: Salvador_18 Start: 11605, Stop: 11751, Start Num: 1
Candidate Starts for Salvador_18:
(Start: 1 @11605 has 3 MA's), (Start: 2 @11608 has 30 MA's), (5, 11647),

Gene: Savbucketdawg_18 Start: 11401, Stop: 11544, Start Num: 2
Candidate Starts for Savbucketdawg_18:
(Start: 1 @11398 has 3 MA's), (Start: 2 @11401 has 30 MA's), (5, 11440),

Gene: Sendy_19 Start: 11745, Stop: 11888, Start Num: 2
Candidate Starts for Sendy_19:
(Start: 2 @11745 has 30 MA's), (5, 11784),

Gene: SharkTale_18 Start: 12349, Stop: 12492, Start Num: 2
Candidate Starts for SharkTale_18:
(Start: 1 @12346 has 3 MA's), (Start: 2 @12349 has 30 MA's), (5, 12388), (6, 12397),

Gene: Shinji_18 Start: 11590, Stop: 11733, Start Num: 2
Candidate Starts for Shinji_18:
(Start: 1 @11587 has 3 MA's), (Start: 2 @11590 has 30 MA's), (5, 11629),

Gene: Sixsevenium_19 Start: 11501, Stop: 11644, Start Num: 2
Candidate Starts for Sixsevenium_19:
(Start: 1 @11498 has 3 MA's), (Start: 2 @11501 has 30 MA's), (5, 11540),

Gene: SmokingBunny_18 Start: 11608, Stop: 11751, Start Num: 2
Candidate Starts for SmokingBunny_18:
(Start: 1 @11605 has 3 MA's), (Start: 2 @11608 has 30 MA's), (5, 11647),

Gene: TillyBobJoe_18 Start: 11404, Stop: 11547, Start Num: 2
Candidate Starts for TillyBobJoe_18:
(Start: 1 @11401 has 3 MA's), (Start: 2 @11404 has 30 MA's), (5, 11443),

Gene: Togo_18 Start: 11608, Stop: 11751, Start Num: 2
Candidate Starts for Togo_18:
(Start: 1 @11605 has 3 MA's), (Start: 2 @11608 has 30 MA's), (5, 11647),

Gene: Twister6_20 Start: 12046, Stop: 12189, Start Num: 2
Candidate Starts for Twister6_20:
(Start: 1 @12043 has 3 MA's), (Start: 2 @12046 has 30 MA's), (5, 12085),

Gene: Valary_21 Start: 12496, Stop: 12642, Start Num: 1
Candidate Starts for Valary_21:
(Start: 1 @12496 has 3 MA's), (Start: 2 @12499 has 30 MA's), (5, 12538),

Gene: VanDeWege_21 Start: 12427, Stop: 12570, Start Num: 2
Candidate Starts for VanDeWege_21:
(Start: 1 @12424 has 3 MA's), (Start: 2 @12427 has 30 MA's), (5, 12466),

Gene: Wizard_18 Start: 11748, Stop: 11891, Start Num: 2
Candidate Starts for Wizard_18:
(Start: 2 @11748 has 30 MA's), (5, 11787),

Gene: YungMoney_20 Start: 13058, Stop: 13201, Start Num: 2
Candidate Starts for YungMoney_20:
(Start: 1 @13055 has 3 MA's), (Start: 2 @13058 has 30 MA's), (5, 13097),