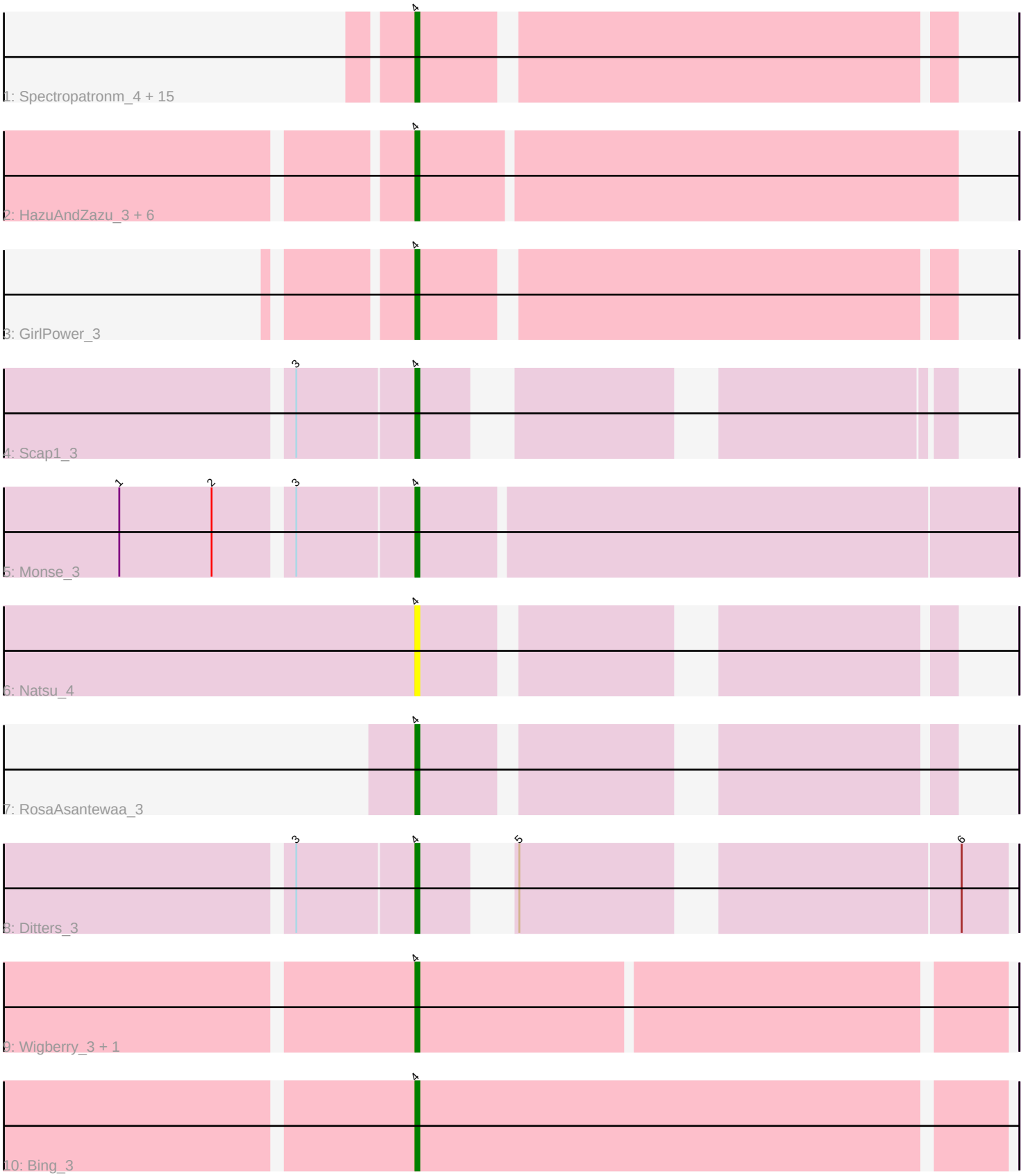
Pham 347887


4
1: Spectropatronm_4 + 15
4
2: HazuAndZazu_3 + 6
4
3: GirlPower_3
3
4
4: Scap1_3
1
2
3
4
5: Monse_3
4
6: Natsu_4
4
7: RosaAsantewaa_3
3
4
5
6
8: Ditters_3
4
9: Wigberry_3 + 1
4
10: Bing_3

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 347887 Report

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

Pham number 347887 has 32 members, 2 are drafts.

Phages represented in each track:
• Track 1 : Spectropatronm_4, Maya_4, Esketit_4, TaidaOne_4, CherryBlossom_4, Hoshi_4, TonyStarch_4, Madamato_4, FidgetOrca_4, Jaylociraptor_4, IceWarrior_4, Meibysrarus_4, Rima_4, Namo_4, OlympicHelado_4, Indigenous_4
• Track 2 : HazuAndZazu_3, Popy_3, TieDye_3, Espio_3, FrodoSwaggins_3, DrGrey_3, Soshi_3
• Track 3 : GirlPower_3
• Track 4 : Scap1_3
• Track 5 : Monse_3
• Track 6 : Natsu_4
• Track 7 : RosaAsantewaa_3
• Track 8 : Ditters_3
• Track 9 : Wigberry_3, Hajile_4
• Track 10 : Bing_3

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

Genes that call this "Most Annotated" start:
• Bing_3, CherryBlossom_4, Ditters_3, DrGrey_3, Esketit_4, Espio_3, FidgetOrca_4, FrodoSwaggins_3, GirlPower_3, Hajile_4, HazuAndZazu_3, Hoshi_4, IceWarrior_4, Indigenous_4, Jaylociraptor_4, Madamato_4, Maya_4, Meibysrarus_4, Monse_3, Namo_4, Natsu_4, OlympicHelado_4, Popy_3, Rima_4, RosaAsantewaa_3, Scap1_3, Soshi_3, Spectropatronm_4, TaidaOne_4, TieDye_3, TonyStarch_4, Wigberry_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 4:
• Found in 32 of 32 (100.0%) of genes in pham
• Manual Annotations of this start: 30 of 30
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Bing_3 (BI5), CherryBlossom_4 (BI1), Ditters_3 (BI2), DrGrey_3 (BI1), Esketit_4 (BI1), Espio_3 (BI1), FidgetOrca_4 (BI1), FrodoSwaggins_3 (BI1), GirlPower_3 (BI1), Hajile_4 (BI5), HazuAndZazu_3 (BI1), Hoshi_4 (BI1), IceWarrior_4 (BI1), Indigenous_4 (BI1), Jaylociraptor_4 (BI1), Madamato_4 (BI1), Maya_4 (BI1), Meibysrarus_4 (BI1), Monse_3 (BI2), Namo_4 (BI1), Natsu_4 (BI2), OlympicHelado_4 (BI1), Popy_3 (BI1), Rima_4 (BI1), RosaAsantewaa_3 (BI2), Scap1_3 (BI2), Soshi_3 (BI1), Spectropatronm_4 (BI1), TaidaOne_4 (BI1), TieDye_3 (BI1), TonyStarch_4 (BI1), Wigberry_3 (BI5),

Summary by clusters:

There are 3 clusters represented in this pham: BI5, BI2, BI1,

Info for manual annotations of cluster BI1:
•Start number 4 was manually annotated 24 times for cluster BI1.

Info for manual annotations of cluster BI2:
•Start number 4 was manually annotated 4 times for cluster BI2.

Info for manual annotations of cluster BI5:
•Start number 4 was manually annotated 2 times for cluster BI5.

Gene Information:

Gene: Bing_3 Start: 914, Stop: 1063, Start Num: 4
Candidate Starts for Bing_3:
(Start: 4 @914 has 30 MA's),

Gene: CherryBlossom_4 Start: 1205, Stop: 1339, Start Num: 4
Candidate Starts for CherryBlossom_4:
(Start: 4 @1205 has 30 MA's),

Gene: Ditters_3 Start: 912, Stop: 1040, Start Num: 4
Candidate Starts for Ditters_3:
(3, 882), (Start: 4 @912 has 30 MA's), (5, 927), (6, 1029),

Gene: DrGrey_3 Start: 901, Stop: 1038, Start Num: 4
Candidate Starts for DrGrey_3:
(Start: 4 @901 has 30 MA's),

Gene: Esketit_4 Start: 1191, Stop: 1322, Start Num: 4
Candidate Starts for Esketit_4:
(Start: 4 @1191 has 30 MA's),

Gene: Espio_3 Start: 901, Stop: 1038, Start Num: 4
Candidate Starts for Espio_3:

(Start: 4 @901 has 30 MA's),

Gene: FidgetOrca_4 Start: 1191, Stop: 1322, Start Num: 4
Candidate Starts for FidgetOrca_4:
(Start: 4 @1191 has 30 MA's),

Gene: FrodoSwaggins_3 Start: 901, Stop: 1038, Start Num: 4
Candidate Starts for FrodoSwaggins_3:
(Start: 4 @901 has 30 MA's),

Gene: GirlPower_3 Start: 1767, Stop: 1898, Start Num: 4
Candidate Starts for GirlPower_3:
(Start: 4 @1767 has 30 MA's),

Gene: Hajile_4 Start: 913, Stop: 1059, Start Num: 4
Candidate Starts for Hajile_4:
(Start: 4 @913 has 30 MA's),

Gene: HazuAndZazu_3 Start: 901, Stop: 1038, Start Num: 4
Candidate Starts for HazuAndZazu_3:
(Start: 4 @901 has 30 MA's),

Gene: Hoshi_4 Start: 1191, Stop: 1322, Start Num: 4
Candidate Starts for Hoshi_4:
(Start: 4 @1191 has 30 MA's),

Gene: IceWarrior_4 Start: 1191, Stop: 1322, Start Num: 4
Candidate Starts for IceWarrior_4:
(Start: 4 @1191 has 30 MA's),

Gene: Indigenous_4 Start: 1191, Stop: 1322, Start Num: 4
Candidate Starts for Indigenous_4:
(Start: 4 @1191 has 30 MA's),

Gene: Jaylociraptor_4 Start: 1191, Stop: 1322, Start Num: 4
Candidate Starts for Jaylociraptor_4:
(Start: 4 @1191 has 30 MA's),

Gene: Madamato_4 Start: 1192, Stop: 1323, Start Num: 4
Candidate Starts for Madamato_4:
(Start: 4 @1192 has 30 MA's),

Gene: Maya_4 Start: 1199, Stop: 1330, Start Num: 4
Candidate Starts for Maya_4:
(Start: 4 @1199 has 30 MA's),

Gene: Meibysrarus_4 Start: 1191, Stop: 1322, Start Num: 4
Candidate Starts for Meibysrarus_4:
(Start: 4 @1191 has 30 MA's),

Gene: Monse_3 Start: 912, Stop: 1064, Start Num: 4
Candidate Starts for Monse_3:
(1, 840), (2, 864), (3, 882), (Start: 4 @912 has 30 MA's),

Gene: Namo_4 Start: 1191, Stop: 1322, Start Num: 4
Candidate Starts for Namo_4:
(Start: 4 @1191 has 30 MA's),

Gene: Natsu_4 Start: 1143, Stop: 1262, Start Num: 4
Candidate Starts for Natsu_4:
(Start: 4 @1143 has 30 MA's),

Gene: OlympicHelado_4 Start: 1191, Stop: 1322, Start Num: 4
Candidate Starts for OlympicHelado_4:
(Start: 4 @1191 has 30 MA's),

Gene: Popy_3 Start: 901, Stop: 1038, Start Num: 4
Candidate Starts for Popy_3:
(Start: 4 @901 has 30 MA's),

Gene: Rima_4 Start: 1191, Stop: 1322, Start Num: 4
Candidate Starts for Rima_4:
(Start: 4 @1191 has 30 MA's),

Gene: RosaAsantewaa_3 Start: 863, Stop: 982, Start Num: 4
Candidate Starts for RosaAsantewaa_3:
(Start: 4 @863 has 30 MA's),

Gene: Scap1_3 Start: 912, Stop: 1025, Start Num: 4
Candidate Starts for Scap1_3:
(3, 882), (Start: 4 @912 has 30 MA's),

Gene: Soshi_3 Start: 901, Stop: 1038, Start Num: 4
Candidate Starts for Soshi_3:
(Start: 4 @901 has 30 MA's),

Gene: Spectropatronm_4 Start: 1191, Stop: 1322, Start Num: 4
Candidate Starts for Spectropatronm_4:
(Start: 4 @1191 has 30 MA's),

Gene: TaidaOne_4 Start: 1191, Stop: 1322, Start Num: 4
Candidate Starts for TaidaOne_4:
(Start: 4 @1191 has 30 MA's),

Gene: TieDye_3 Start: 901, Stop: 1032, Start Num: 4
Candidate Starts for TieDye_3:
(Start: 4 @901 has 30 MA's),

Gene: TonyStarch_4 Start: 1191, Stop: 1322, Start Num: 4
Candidate Starts for TonyStarch_4:
(Start: 4 @1191 has 30 MA's),

Gene: Wigberry_3 Start: 913, Stop: 1059, Start Num: 4
Candidate Starts for Wigberry_3:
(Start: 4 @913 has 30 MA's),