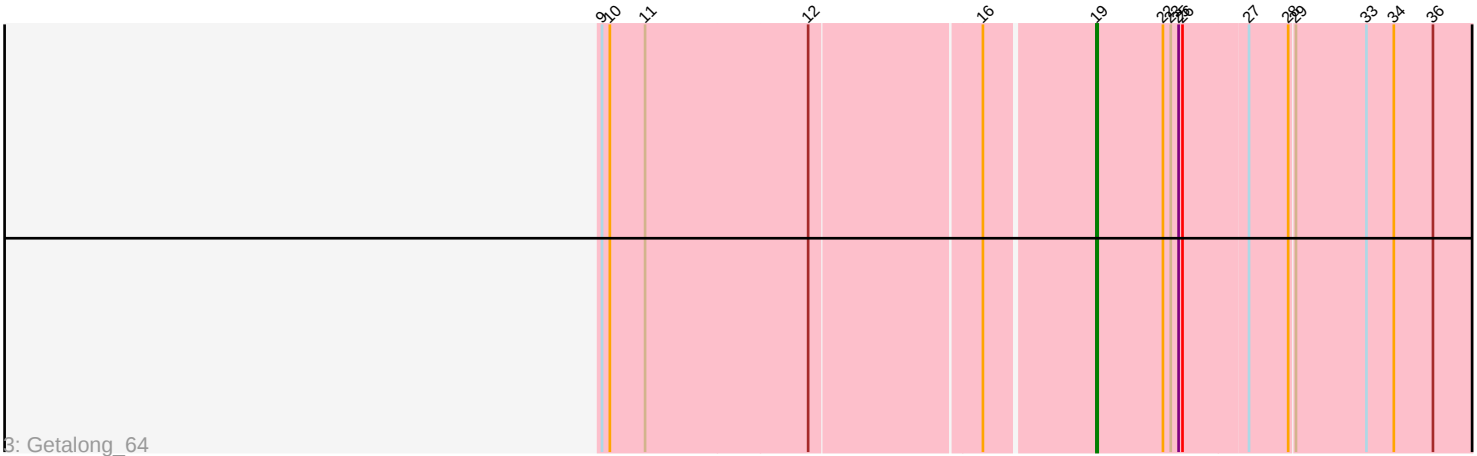
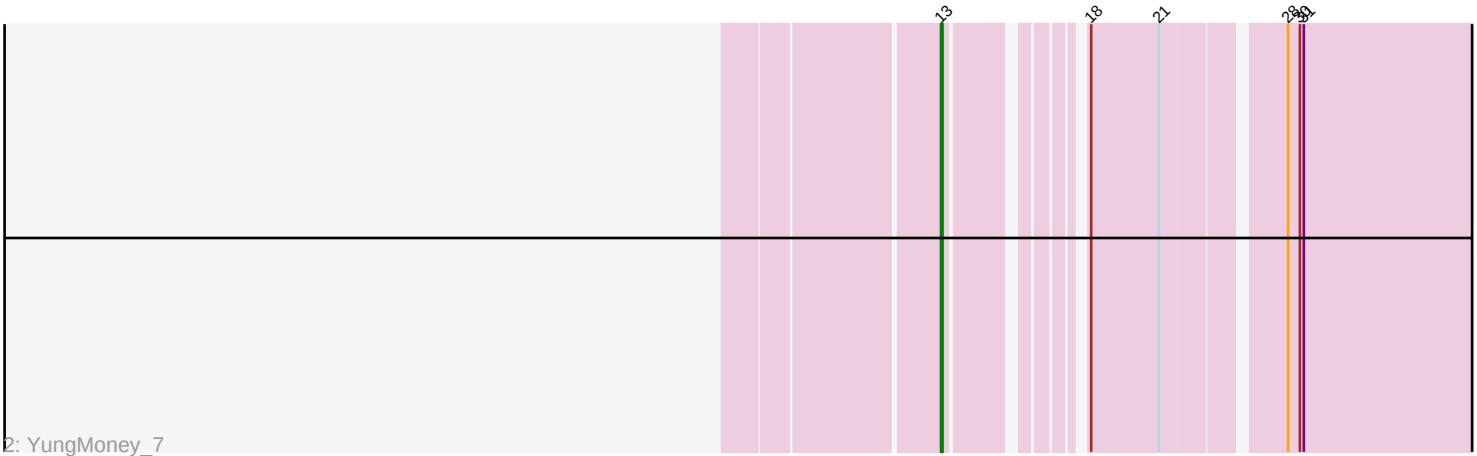
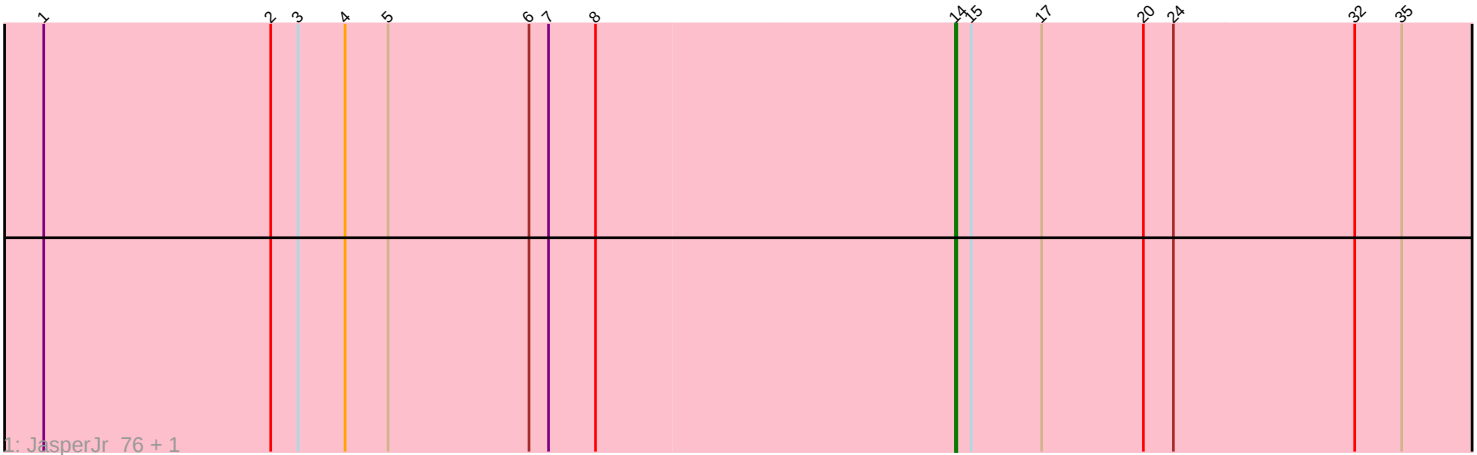




Note: Tracks are now grouped by subcluster and scaled. Switching in subcluster is indicated by changes in track color. Track scale is now set by default to display the region 30 bp upstream of start 1 to 30 bp downstream of the last possible start. If this default region is judged to be packed too tightly 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 310266 Report

This analysis was run 09/05/26 on database version 662.

Pham number 310266 has 4 members, 0 are drafts.

Phages represented in each track:

- Track 1 : JasperJr_76, Guacamole_76
- Track 2 : YungMoney_7
- Track 3 : Getalong_64

Summary of Final Annotations (See graph section above for start numbers):

The start number called the most often in the published annotations is 14, it was called in 2 of the 4 non-draft genes in the pham.

Genes that call this "Most Annotated" start:

- Guacamole_76, JasperJr_76,

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

-

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

- Getalong_64, YungMoney_7,

Summary by start number:

Start 13:

- Found in 1 of 4 (25.0%) of genes in pham
- Manual Annotations of this start: 1 of 4
- Called 100.0% of time when present
- Phage (with cluster) where this start called: YungMoney_7 (DC1),

Start 14:

- Found in 2 of 4 (50.0%) of genes in pham
- Manual Annotations of this start: 2 of 4
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Guacamole_76 (CV), JasperJr_76 (CV),

Start 19:

- Found in 1 of 4 (25.0%) of genes in pham

- Manual Annotations of this start: 1 of 4
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Getalong_64 (DN1),

Summary by clusters:

There are 3 clusters represented in this pham: DN1, CV, DC1,

Info for manual annotations of cluster CV:

- Start number 14 was manually annotated 2 times for cluster CV.

Info for manual annotations of cluster DC1:

- Start number 13 was manually annotated 1 time for cluster DC1.

Info for manual annotations of cluster DN1:

- Start number 19 was manually annotated 1 time for cluster DN1.

Gene Information:

Gene: Getalong_64 Start: 40847, Stop: 41182, Start Num: 19

Candidate Starts for Getalong_64:

(9, 40484), (10, 40490), (11, 40517), (12, 40640), (16, 40766), (Start: 19 @40847 has 1 MA's), (22, 40898), (23, 40904), (25, 40910), (26, 40913), (27, 40961), (28, 40991), (29, 40994), (33, 41048), (34, 41069), (36, 41099),

Gene: Guacamole_76 Start: 48191, Stop: 48655, Start Num: 14

Candidate Starts for Guacamole_76:

(1, 47495), (2, 47669), (3, 47690), (4, 47726), (5, 47759), (6, 47867), (7, 47882), (8, 47918), (Start: 14 @48191 has 2 MA's), (15, 48203), (17, 48257), (20, 48335), (24, 48356), (32, 48494), (35, 48530),

Gene: JasperJr_76 Start: 48191, Stop: 48655, Start Num: 14

Candidate Starts for JasperJr_76:

(1, 47495), (2, 47669), (3, 47690), (4, 47726), (5, 47759), (6, 47867), (7, 47882), (8, 47918), (Start: 14 @48191 has 2 MA's), (15, 48203), (17, 48257), (20, 48335), (24, 48356), (32, 48494), (35, 48530),

Gene: YungMoney_7 Start: 4554, Stop: 4958, Start Num: 13

Candidate Starts for YungMoney_7:

(Start: 13 @4554 has 1 MA's), (18, 4629), (21, 4680), (28, 4761), (30, 4770), (31, 4773),