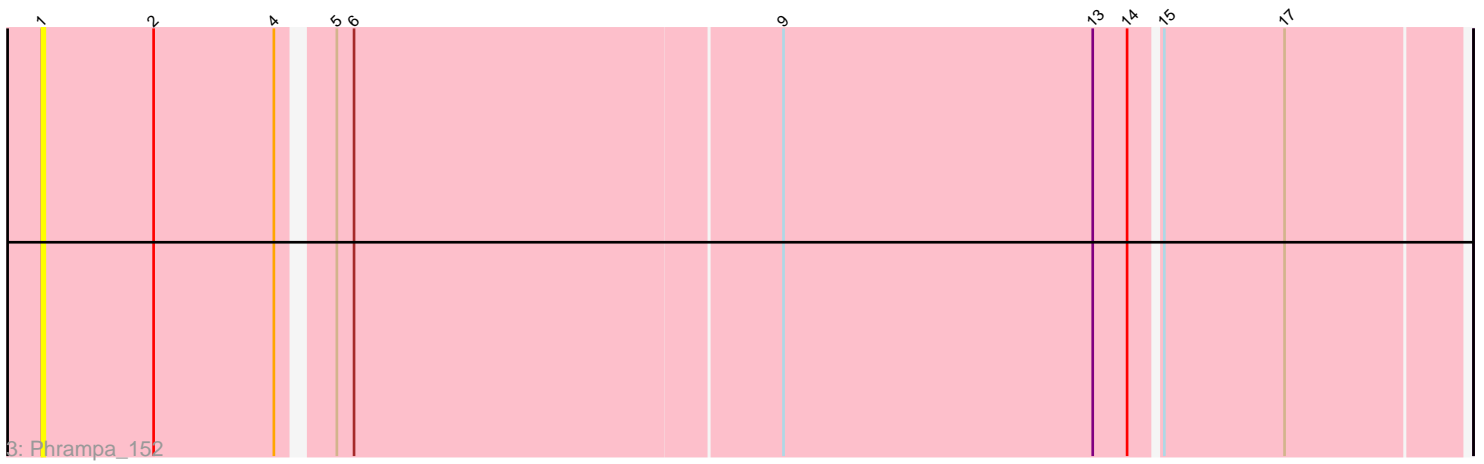
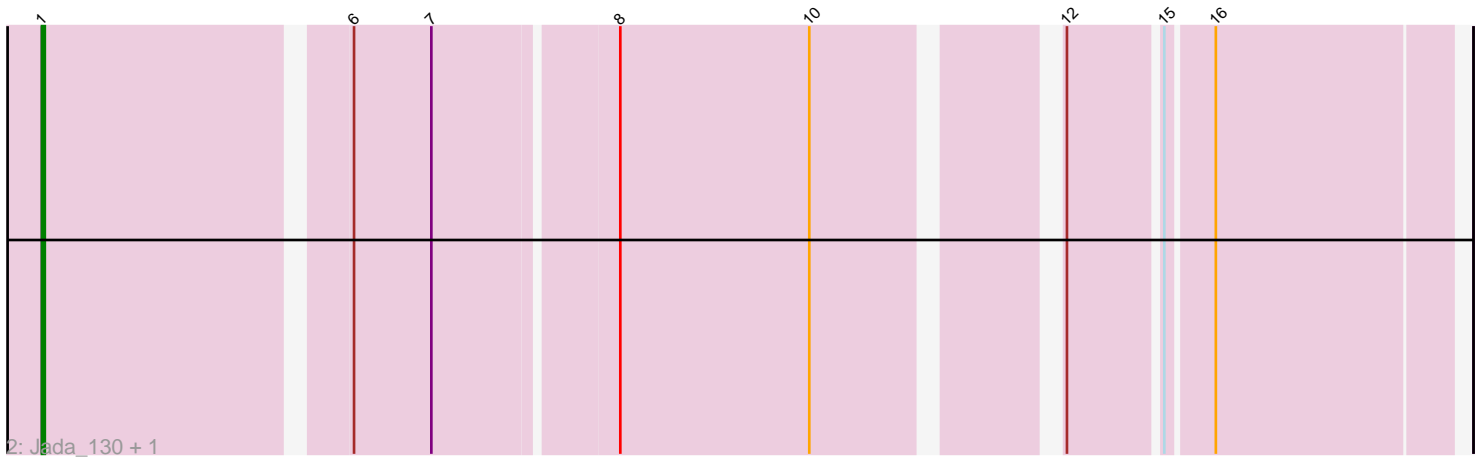


Pham 188704



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 188704 Report

This analysis was run 11/02/24 on database version 579.

Pham number 188704 has 7 members, 1 are drafts.

Phages represented in each track:

- Track 1 : BoomerJR_129, Genie2_129, Stanimal_127, Sollertia_128
- Track 2 : Jada_130, Forrest_134
- Track 3 : Phrampa_152

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

The start number called the most often in the published annotations is 1, it was called in 6 of the 6 non-draft genes in the pham.

Genes that call this "Most Annotated" start:

- BoomerJR_129, Forrest_134, Genie2_129, Jada_130, Phrampa_152, Sollertia_128, Stanimal_127,

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 1:

- Found in 7 of 7 (100.0%) of genes in pham
- Manual Annotations of this start: 6 of 6
- Called 100.0% of time when present
- Phage (with cluster) where this start called: BoomerJR_129 (BE2), Forrest_134 (BK1), Genie2_129 (BE2), Jada_130 (BK1), Phrampa_152 (FC), Sollertia_128 (BE2), Stanimal_127 (BE2),

Summary by clusters:

There are 3 clusters represented in this pham: BE2, FC, BK1,

Info for manual annotations of cluster BE2:

- Start number 1 was manually annotated 4 times for cluster BE2.

Info for manual annotations of cluster BK1:

- Start number 1 was manually annotated 2 times for cluster BK1.

Gene Information:

Gene: BoomerJR_129 Start: 79918, Stop: 80385, Start Num: 1

Candidate Starts for BoomerJR_129:

(Start: 1 @79918 has 6 MA's), (3, 79978), (6, 80023), (11, 80212), (15, 80278), (17, 80320), (18, 80365),

Gene: Forrest_134 Start: 78743, Stop: 79192, Start Num: 1

Candidate Starts for Forrest_134:

(Start: 1 @78743 has 6 MA's), (6, 78842), (7, 78869), (8, 78929), (10, 78995), (12, 79067), (15, 79097), (16, 79112),

Gene: Genie2_129 Start: 80032, Stop: 80499, Start Num: 1

Candidate Starts for Genie2_129:

(Start: 1 @80032 has 6 MA's), (3, 80092), (6, 80137), (11, 80326), (15, 80392), (17, 80434), (18, 80479),

Gene: Jada_130 Start: 77673, Stop: 78122, Start Num: 1

Candidate Starts for Jada_130:

(Start: 1 @77673 has 6 MA's), (6, 77772), (7, 77799), (8, 77859), (10, 77925), (12, 77997), (15, 78027), (16, 78042),

Gene: Phrampa_152 Start: 107783, Stop: 108262, Start Num: 1

Candidate Starts for Phrampa_152:

(Start: 1 @107783 has 6 MA's), (2, 107822), (4, 107864), (5, 107879), (6, 107885), (9, 108032), (13, 108140), (14, 108152), (15, 108161), (17, 108203),

Gene: Sollertia_128 Start: 80032, Stop: 80499, Start Num: 1

Candidate Starts for Sollertia_128:

(Start: 1 @80032 has 6 MA's), (3, 80092), (6, 80137), (11, 80326), (15, 80392), (17, 80434), (18, 80479),

Gene: Stanimal_127 Start: 79921, Stop: 80388, Start Num: 1

Candidate Starts for Stanimal_127:

(Start: 1 @79921 has 6 MA's), (3, 79981), (6, 80026), (11, 80215), (15, 80281), (17, 80323), (18, 80368),