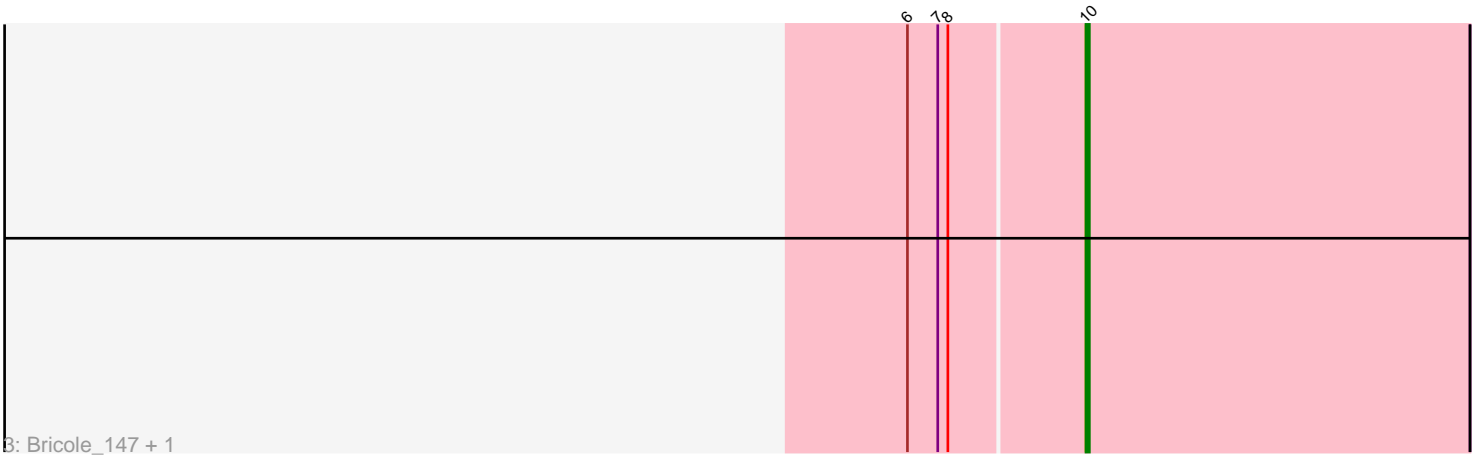
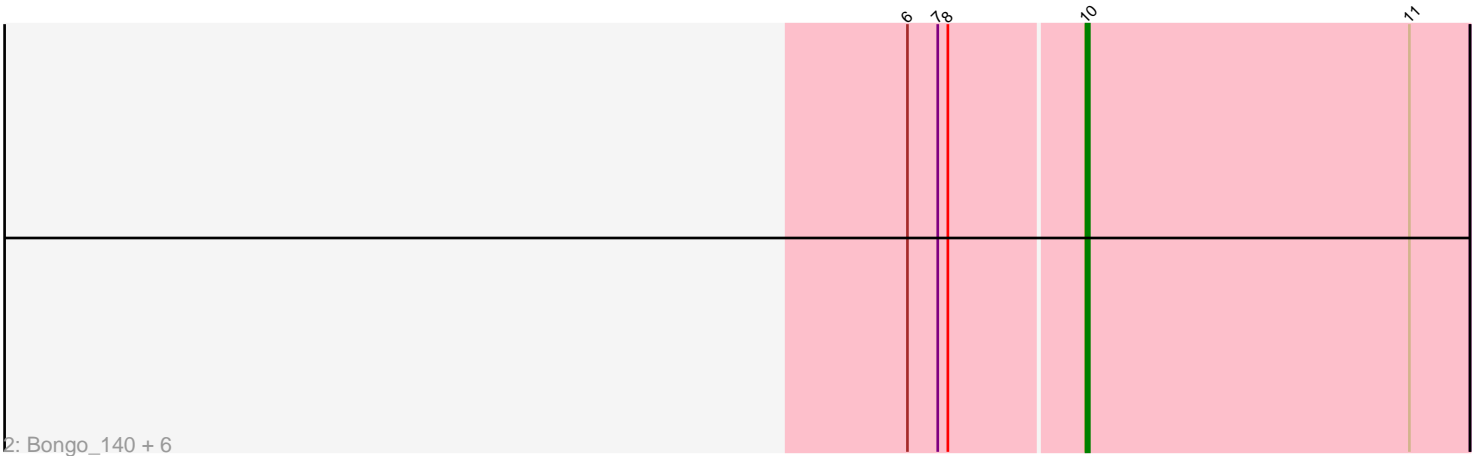
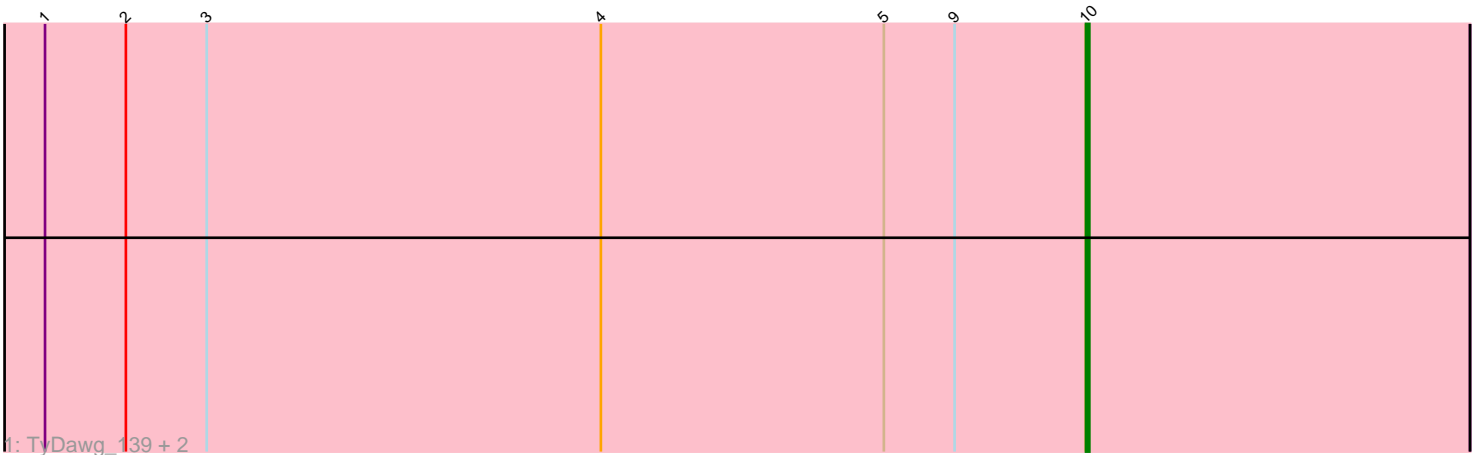


Pham 7129



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 7129 Report

This analysis was run 04/05/24 on database version 557.

Pham number 7129 has 12 members, 0 are drafts.

Phages represented in each track:

- Track 1 : TyDawg_139, IPhane7_143, Auspice_146
- Track 2 : Bongo_140, Diminimus_142, LilhomieP_142, Glaske16_144, Dulcita_142, PegLeg_145, Skinny_148
- Track 3 : Bricole_147, SlimJimmy_143

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

The start number called the most often in the published annotations is 10, it was called in 12 of the 12 non-draft genes in the pham.

Genes that call this "Most Annotated" start:

- Auspice_146, Bongo_140, Bricole_147, Diminimus_142, Dulcita_142, Glaske16_144, IPhane7_143, LilhomieP_142, PegLeg_145, Skinny_148, SlimJimmy_143, TyDawg_139,

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 10:

- Found in 12 of 12 (100.0%) of genes in pham
- Manual Annotations of this start: 12 of 12
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Auspice_146 (M1), Bongo_140 (M1), Bricole_147 (M1), Diminimus_142 (M1), Dulcita_142 (M1), Glaske16_144 (M1), IPhane7_143 (M1), LilhomieP_142 (M1), PegLeg_145 (M1), Skinny_148 (M1), SlimJimmy_143 (M1), TyDawg_139 (M1),

Summary by clusters:

There is one cluster represented in this pham: M1

Info for manual annotations of cluster M1:

•Start number 10 was manually annotated 12 times for cluster M1.

Gene Information:

Gene: Auspice_146 Start: 73894, Stop: 73781, Start Num: 10

Candidate Starts for Auspice_146:

(1, 74203), (2, 74179), (3, 74155), (4, 74038), (5, 73954), (9, 73933), (Start: 10 @73894 has 12 MA's),

Gene: Bongo_140 Start: 72756, Stop: 72643, Start Num: 10

Candidate Starts for Bongo_140:

(6, 72807), (7, 72798), (8, 72795), (Start: 10 @72756 has 12 MA's), (11, 72660),

Gene: Bricole_147 Start: 73659, Stop: 73546, Start Num: 10

Candidate Starts for Bricole_147:

(6, 73710), (7, 73701), (8, 73698), (Start: 10 @73659 has 12 MA's),

Gene: Diminimus_142 Start: 72572, Stop: 72459, Start Num: 10

Candidate Starts for Diminimus_142:

(6, 72623), (7, 72614), (8, 72611), (Start: 10 @72572 has 12 MA's), (11, 72476),

Gene: Dulcita_142 Start: 72573, Stop: 72460, Start Num: 10

Candidate Starts for Dulcita_142:

(6, 72624), (7, 72615), (8, 72612), (Start: 10 @72573 has 12 MA's), (11, 72477),

Gene: Glaske16_144 Start: 73691, Stop: 73578, Start Num: 10

Candidate Starts for Glaske16_144:

(6, 73742), (7, 73733), (8, 73730), (Start: 10 @73691 has 12 MA's), (11, 73595),

Gene: IPhone7_143 Start: 73510, Stop: 73397, Start Num: 10

Candidate Starts for IPhone7_143:

(1, 73819), (2, 73795), (3, 73771), (4, 73654), (5, 73570), (9, 73549), (Start: 10 @73510 has 12 MA's),

Gene: LilhomieP_142 Start: 73602, Stop: 73489, Start Num: 10

Candidate Starts for LilhomieP_142:

(6, 73653), (7, 73644), (8, 73641), (Start: 10 @73602 has 12 MA's), (11, 73506),

Gene: PegLeg_145 Start: 73486, Stop: 73373, Start Num: 10

Candidate Starts for PegLeg_145:

(6, 73537), (7, 73528), (8, 73525), (Start: 10 @73486 has 12 MA's), (11, 73390),

Gene: Skinny_148 Start: 74603, Stop: 74490, Start Num: 10

Candidate Starts for Skinny_148:

(6, 74654), (7, 74645), (8, 74642), (Start: 10 @74603 has 12 MA's), (11, 74507),

Gene: SlimJimmy_143 Start: 74070, Stop: 73957, Start Num: 10

Candidate Starts for SlimJimmy_143:

(6, 74121), (7, 74112), (8, 74109), (Start: 10 @74070 has 12 MA's),

Gene: TyDawg_139 Start: 73513, Stop: 73400, Start Num: 10

Candidate Starts for TyDawg_139:

(1, 73822), (2, 73798), (3, 73774), (4, 73657), (5, 73573), (9, 73552), (Start: 10 @73513 has 12 MA's),