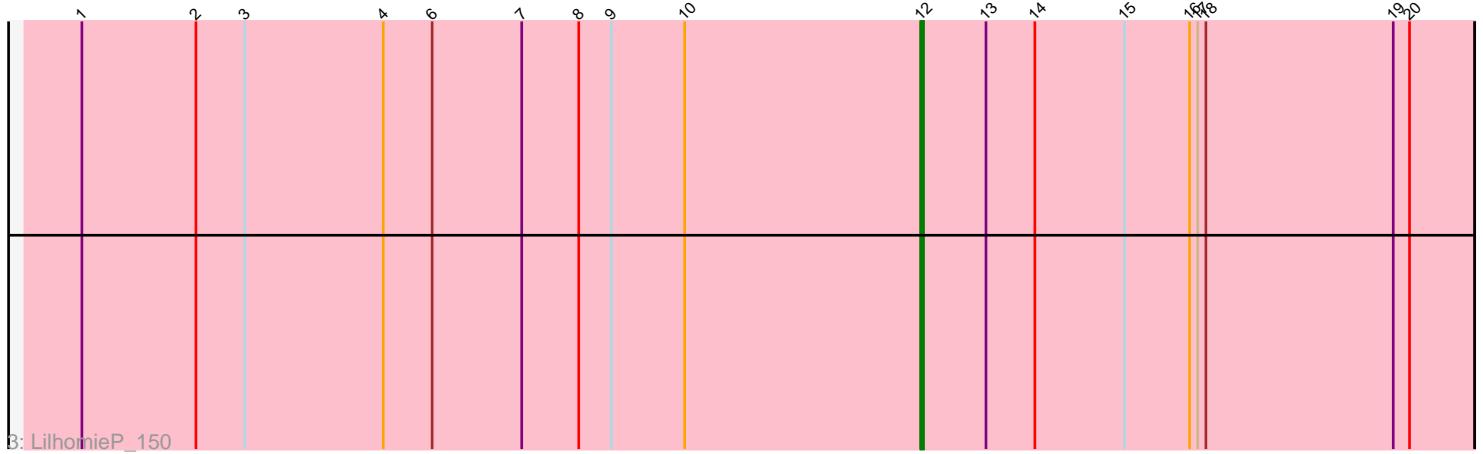
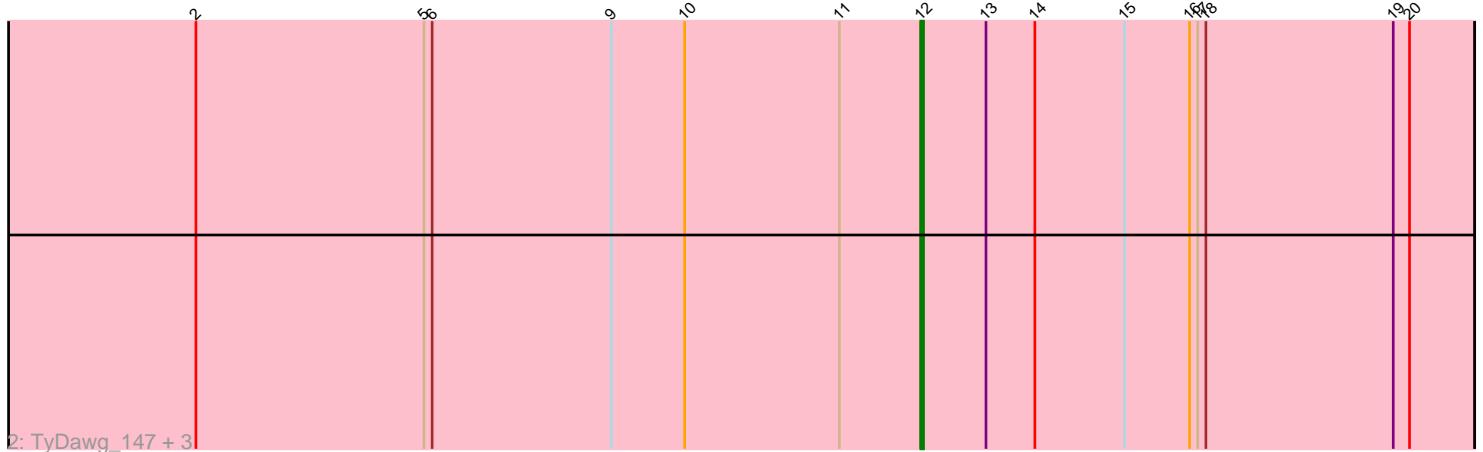
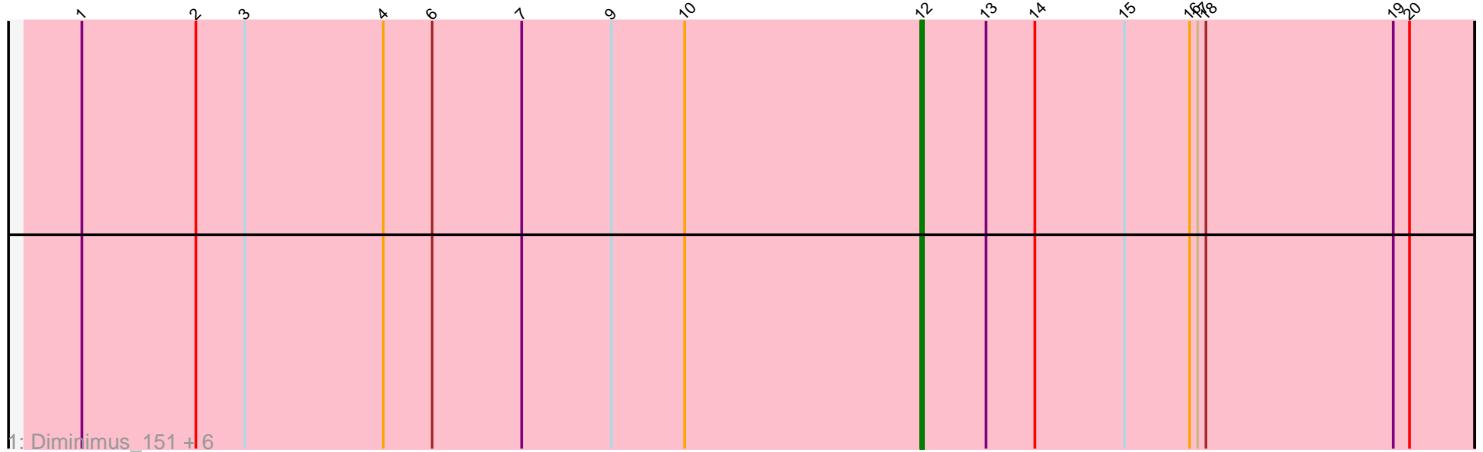


Pham 7148



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 7148 Report

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

Pham number 7148 has 12 members, 0 are drafts.

Phages represented in each track:

- Track 1 : Diminimus_151, Glaske16_153, Bricole_156, Dulcita_151, Bongo_148, Skinny_158, PegLeg_154
- Track 2 : TyDawg_147, Auspice_154, IPhane7_151, SlimJimmy_151
- Track 3 : LilhomieP_150

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

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

Genes that call this "Most Annotated" start:

- Auspice_154, Bongo_148, Bricole_156, Diminimus_151, Dulcita_151, Glaske16_153, IPhane7_151, LilhomieP_150, PegLeg_154, Skinny_158, SlimJimmy_151, TyDawg_147,

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 12:

- 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_154 (M1), Bongo_148 (M1), Bricole_156 (M1), Diminimus_151 (M1), Dulcita_151 (M1), Glaske16_153 (M1), IPhane7_151 (M1), LilhomieP_150 (M1), PegLeg_154 (M1), Skinny_158 (M1), SlimJimmy_151 (M1), TyDawg_147 (M1),

Summary by clusters:

There is one cluster represented in this pham: M1

Info for manual annotations of cluster M1:

- Start number 12 was manually annotated 12 times for cluster M1.

Gene Information:

Gene: Auspice_154 Start: 77369, Stop: 77166, Start Num: 12

Candidate Starts for Auspice_154:

(2, 77636), (5, 77552), (6, 77549), (9, 77483), (10, 77456), (11, 77399), (Start: 12 @77369 has 12 MA's), (13, 77345), (14, 77327), (15, 77294), (16, 77270), (17, 77267), (18, 77264), (19, 77195), (20, 77189),

Gene: Bongo_148 Start: 76227, Stop: 76024, Start Num: 12

Candidate Starts for Bongo_148:

(1, 76536), (2, 76494), (3, 76476), (4, 76425), (6, 76407), (7, 76374), (9, 76341), (10, 76314), (Start: 12 @76227 has 12 MA's), (13, 76203), (14, 76185), (15, 76152), (16, 76128), (17, 76125), (18, 76122), (19, 76053), (20, 76047),

Gene: Bricole_156 Start: 77130, Stop: 76927, Start Num: 12

Candidate Starts for Bricole_156:

(1, 77439), (2, 77397), (3, 77379), (4, 77328), (6, 77310), (7, 77277), (9, 77244), (10, 77217), (Start: 12 @77130 has 12 MA's), (13, 77106), (14, 77088), (15, 77055), (16, 77031), (17, 77028), (18, 77025), (19, 76956), (20, 76950),

Gene: Diminimus_151 Start: 76040, Stop: 75837, Start Num: 12

Candidate Starts for Diminimus_151:

(1, 76349), (2, 76307), (3, 76289), (4, 76238), (6, 76220), (7, 76187), (9, 76154), (10, 76127), (Start: 12 @76040 has 12 MA's), (13, 76016), (14, 75998), (15, 75965), (16, 75941), (17, 75938), (18, 75935), (19, 75866), (20, 75860),

Gene: Dulcita_151 Start: 76041, Stop: 75838, Start Num: 12

Candidate Starts for Dulcita_151:

(1, 76350), (2, 76308), (3, 76290), (4, 76239), (6, 76221), (7, 76188), (9, 76155), (10, 76128), (Start: 12 @76041 has 12 MA's), (13, 76017), (14, 75999), (15, 75966), (16, 75942), (17, 75939), (18, 75936), (19, 75867), (20, 75861),

Gene: Glaske16_153 Start: 77159, Stop: 76956, Start Num: 12

Candidate Starts for Glaske16_153:

(1, 77468), (2, 77426), (3, 77408), (4, 77357), (6, 77339), (7, 77306), (9, 77273), (10, 77246), (Start: 12 @77159 has 12 MA's), (13, 77135), (14, 77117), (15, 77084), (16, 77060), (17, 77057), (18, 77054), (19, 76985), (20, 76979),

Gene: IPhane7_151 Start: 76985, Stop: 76782, Start Num: 12

Candidate Starts for IPhane7_151:

(2, 77252), (5, 77168), (6, 77165), (9, 77099), (10, 77072), (11, 77015), (Start: 12 @76985 has 12 MA's), (13, 76961), (14, 76943), (15, 76910), (16, 76886), (17, 76883), (18, 76880), (19, 76811), (20, 76805),

Gene: LilhomieP_150 Start: 77070, Stop: 76867, Start Num: 12

Candidate Starts for LilhomieP_150:

(1, 77379), (2, 77337), (3, 77319), (4, 77268), (6, 77250), (7, 77217), (8, 77196), (9, 77184), (10, 77157), (Start: 12 @77070 has 12 MA's), (13, 77046), (14, 77028), (15, 76995), (16, 76971), (17, 76968), (18, 76965), (19, 76896), (20, 76890),

Gene: PegLeg_154 Start: 76954, Stop: 76751, Start Num: 12

Candidate Starts for PegLeg_154:

(1, 77263), (2, 77221), (3, 77203), (4, 77152), (6, 77134), (7, 77101), (9, 77068), (10, 77041), (Start: 12 @76954 has 12 MA's), (13, 76930), (14, 76912), (15, 76879), (16, 76855), (17, 76852), (18, 76849), (19, 76780), (20, 76774),

Gene: Skinny_158 Start: 78071, Stop: 77868, Start Num: 12

Candidate Starts for Skinny_158:

(1, 78380), (2, 78338), (3, 78320), (4, 78269), (6, 78251), (7, 78218), (9, 78185), (10, 78158), (Start: 12 @78071 has 12 MA's), (13, 78047), (14, 78029), (15, 77996), (16, 77972), (17, 77969), (18, 77966), (19, 77897), (20, 77891),

Gene: SlimJimmy_151 Start: 77543, Stop: 77340, Start Num: 12

Candidate Starts for SlimJimmy_151:

(2, 77810), (5, 77726), (6, 77723), (9, 77657), (10, 77630), (11, 77573), (Start: 12 @77543 has 12 MA's), (13, 77519), (14, 77501), (15, 77468), (16, 77444), (17, 77441), (18, 77438), (19, 77369), (20, 77363),

Gene: TyDawg_147 Start: 76988, Stop: 76785, Start Num: 12

Candidate Starts for TyDawg_147:

(2, 77255), (5, 77171), (6, 77168), (9, 77102), (10, 77075), (11, 77018), (Start: 12 @76988 has 12 MA's), (13, 76964), (14, 76946), (15, 76913), (16, 76889), (17, 76886), (18, 76883), (19, 76814), (20, 76808),