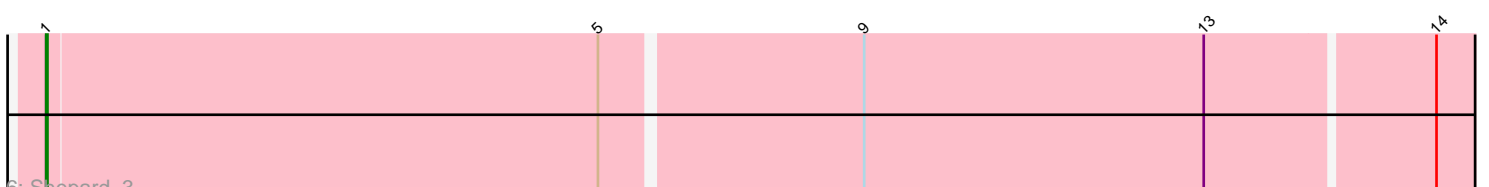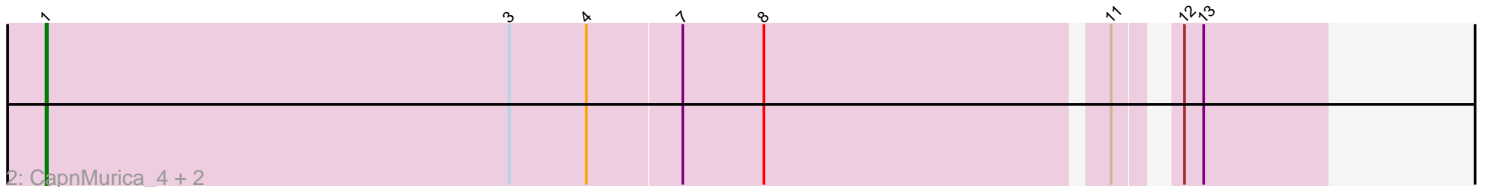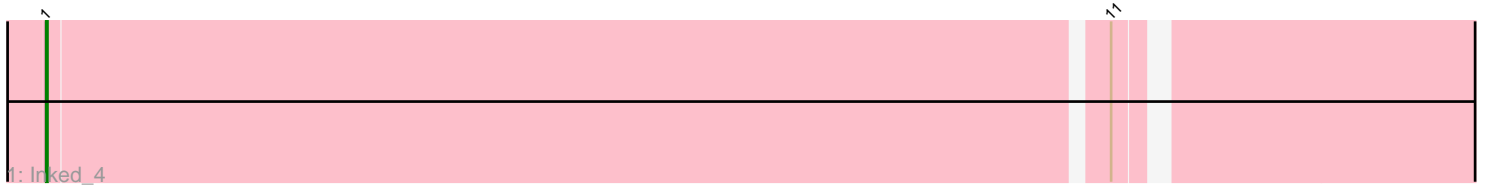# Pham 196996

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 196996 Report

This analysis was run 12/09/24 on database version 580.

Pham number 196996 has 12 members, 1 are drafts.

Phages represented in each track:
• Track 1 : Inked_4
• Track 2 : CapnMurica_4, MiniBagel_4, Tenno_4
• Track 3 : Teacup_4, Issa_3, Nightmare_3
• Track 4 : LilHuddy_3
• Track 5 : Giantsbane_3
• Track 6 : Shepard_3
• Track 7 : Phaby_3
• Track 8 : Tokki_3

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 11 of the 11 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• CapnMurica_4, Giantsbane_3, Inked_4, Issa_3, LilHuddy_3, MiniBagel_4, Nightmare_3, Phaby_3, Shepard_3, Teacup_4, Tenno_4, Tokki_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 1:
• Found in 12 of 12 (100.0%) of genes in pham
• Manual Annotations of this start: 11 of 11
• Called 100.0% of time when present
• Phage (with cluster) where this start called: CapnMurica_4 (AU1), Giantsbane_3 (AU2), Inked_4 (AU), Issa_3 (AU1), LilHuddy_3 (AU2), MiniBagel_4 (AU1), Nightmare_3 (AU1), Phaby_3 (AU2), Shepard_3 (AU2), Teacup_4 (AU1), Tenno_4 (AU1), Tokki_3 (AU2),

Summary by clusters:

There are 3 clusters represented in this pham: AU1, AU2, AU,

Info for manual annotations of cluster AU:
•Start number 1 was manually annotated 1 time for cluster AU.

Info for manual annotations of cluster AU1:
•Start number 1 was manually annotated 5 times for cluster AU1.

Info for manual annotations of cluster AU2:
•Start number 1 was manually annotated 5 times for cluster AU2.

Gene Information:
Gene: CapnMurica_4 Start: 2789, Stop: 3742, Start Num: 1
Candidate Starts for CapnMurica_4:
(Start: 1 @2789 has 11 MA's), (3, 3149), (4, 3209), (7, 3281), (8, 3344), (11, 3599), (12, 3632), (13, 3647),

Gene: Giantsbane_3 Start: 1398, Stop: 2492, Start Num: 1
Candidate Starts for Giantsbane_3:
(Start: 1 @1398 has 11 MA's), (9, 2019), (13, 2274),

Gene: Inked_4 Start: 1655, Stop: 2740, Start Num: 1
Candidate Starts for Inked_4:
(Start: 1 @1655 has 11 MA's), (11, 2465),

Gene: Issa_3 Start: 1538, Stop: 2491, Start Num: 1
Candidate Starts for Issa_3:
(Start: 1 @1538 has 11 MA's), (2, 1664), (10, 2243),

Gene: LilHuddy_3 Start: 1398, Stop: 2501, Start Num: 1
Candidate Starts for LilHuddy_3:
(Start: 1 @1398 has 11 MA's), (5, 1824), (6, 1851), (9, 2019), (13, 2283), (14, 2454),

Gene: MiniBagel_4 Start: 2789, Stop: 3742, Start Num: 1
Candidate Starts for MiniBagel_4:
(Start: 1 @2789 has 11 MA's), (3, 3149), (4, 3209), (7, 3281), (8, 3344), (11, 3599), (12, 3632), (13, 3647),

Gene: Nightmare_3 Start: 1557, Stop: 2510, Start Num: 1
Candidate Starts for Nightmare_3:
(Start: 1 @1557 has 11 MA's), (2, 1683), (10, 2262),

Gene: Phaby_3 Start: 1397, Stop: 2491, Start Num: 1
Candidate Starts for Phaby_3:
(Start: 1 @1397 has 11 MA's), (5, 1823), (9, 2018), (13, 2273),

Gene: Shepard_3 Start: 1398, Stop: 2501, Start Num: 1

Candidate Starts for Shepard_3:
(Start: 1 @1398 has 11 MA's), (5, 1824), (9, 2019), (13, 2283), (14, 2454),

Gene: Teacup_4 Start: 1538, Stop: 2491, Start Num: 1
Candidate Starts for Teacup_4:
(Start: 1 @1538 has 11 MA's), (2, 1664), (10, 2243),

Gene: Tenno_4 Start: 2789, Stop: 3742, Start Num: 1
Candidate Starts for Tenno_4:
(Start: 1 @2789 has 11 MA's), (3, 3149), (4, 3209), (7, 3281), (8, 3344), (11, 3599), (12, 3632), (13, 3647),

Gene: Tokki_3 Start: 1398, Stop: 2501, Start Num: 1
Candidate Starts for Tokki_3:
(Start: 1 @1398 has 11 MA's), (5, 1824), (13, 2283),