Pham 203596

1: LilHuddy_3

2: Giantsbane_3

3: Shepard_3

4: Chlochlo_3 + 2

5: Tokki_3

6: Ziopen_4 + 1

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 203596 Report

This analysis was run 01/18/25 on database version 583.

Pham number 203596 has 9 members, 3 are drafts.

Phages represented in each track:
• Track 1 : LilHuddy_3
• Track 2 : Giantsbane_3
• Track 3 : Shepard_3
• Track 4 : Chlochlo_3, Phaby_3, Bouchard_3
• Track 5 : Tokki_3
• Track 6 : Zippen_4, Inked_4

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:
• Bouchard_3, Chlochlo_3, Giantsbane_3, Inked_4, LilHuddy_3, Phaby_3, Shepard_3, Tokki_3, Zippen_4,

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 9 of 9 (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: Bouchard_3 (AU2), Chlochlo_3 (AU2), Giantsbane_3 (AU2), Inked_4 (AU), LilHuddy_3 (AU2), Phaby_3 (AU2), Shepard_3 (AU2), Tokki_3 (AU2), Zippen_4 (AU3),

Summary by clusters:

There are 3 clusters represented in this pham: AU3, 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 AU2:
•Start number 1 was manually annotated 5 times for cluster AU2.

Gene Information:
Gene: Bouchard_3 Start: 1397, Stop: 2491, Start Num: 1
Candidate Starts for Bouchard_3:
(Start: 1 @1397 has 6 MA's), (2, 1823), (4, 2018), (6, 2273),

Gene: Chlochlo_3 Start: 1398, Stop: 2492, Start Num: 1
Candidate Starts for Chlochlo_3:
(Start: 1 @1398 has 6 MA's), (2, 1824), (4, 2019), (6, 2274),

Gene: Giantsbane_3 Start: 1398, Stop: 2492, Start Num: 1
Candidate Starts for Giantsbane_3:
(Start: 1 @1398 has 6 MA's), (4, 2019), (6, 2274),

Gene: Inked_4 Start: 1655, Stop: 2740, Start Num: 1
Candidate Starts for Inked_4:
(Start: 1 @1655 has 6 MA's), (5, 2465),

Gene: LilHuddy_3 Start: 1398, Stop: 2501, Start Num: 1
Candidate Starts for LilHuddy_3:
(Start: 1 @1398 has 6 MA's), (2, 1824), (3, 1851), (4, 2019), (6, 2283), (7, 2454),

Gene: Phaby_3 Start: 1397, Stop: 2491, Start Num: 1
Candidate Starts for Phaby_3:
(Start: 1 @1397 has 6 MA's), (2, 1823), (4, 2018), (6, 2273),

Gene: Shepard_3 Start: 1398, Stop: 2501, Start Num: 1
Candidate Starts for Shepard_3:
(Start: 1 @1398 has 6 MA's), (2, 1824), (4, 2019), (6, 2283), (7, 2454),

Gene: Tokki_3 Start: 1398, Stop: 2501, Start Num: 1
Candidate Starts for Tokki_3:
(Start: 1 @1398 has 6 MA's), (2, 1824), (6, 2283),

Gene: Zippen_4 Start: 1656, Stop: 2741, Start Num: 1
Candidate Starts for Zippen_4:
(Start: 1 @1656 has 6 MA's), (5, 2466),