



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 86500 Report

This analysis was run 04/28/24 on database version 559.

Pham number 86500 has 22 members, 2 are drafts.

Phages represented in each track:

- Track 1 : ODay_8, Phabuloso_8, Budski_8, Kamaru_8, Ecliptus_8, Holliday_8, CheeseTouch_8, LitninMcQueen_8
- Track 2 : Phistory_8, Asapag_8, Lutum_8, Leroy_8, Getalong_8, Whitney_8, Kenna_8, Malisha_8, Horus_8, BENtherdunthat_8, Squiddly_9, Frickyeh_8, Periwinkle_8
- Track 3 : Spooky_8

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

The start number called the most often in the published annotations is 2, it was called in 20 of the 20 non-draft genes in the pham.

Genes that call this "Most Annotated" start:

- Asapag_8, BENtherdunthat_8, Budski_8, CheeseTouch_8, Ecliptus_8, Frickyeh_8, Getalong_8, Holliday_8, Horus_8, Kamaru_8, Kenna_8, Leroy_8, LitninMcQueen_8, Lutum_8, Malisha_8, ODay_8, Periwinkle_8, Phabuloso_8, Phistory_8, Spooky_8, Squiddly_9, Whitney_8,

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 2:

- Found in 22 of 22 (100.0%) of genes in pham
- Manual Annotations of this start: 20 of 20
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Asapag_8 (DN1), BENtherdunthat_8 (DN1), Budski_8 (DN), CheeseTouch_8 (DN1), Ecliptus_8 (DN), Frickyeh_8 (DN1), Getalong_8 (DN1), Holliday_8 (DN1), Horus_8 (DN1), Kamaru_8 (DN1), Kenna_8 (DN1), Leroy_8 (DN1), LitninMcQueen_8 (DN1), Lutum_8 (DN1), Malisha_8 (DN),

ODay_8 (DN), Periwinkle_8 (DN1), Phabuloso_8 (DN1), Phistory_8 (DN1), Spooky_8 (DN2), Squiddly_9 (DN2), Whitney_8 (DN1),

Summary by clusters:

There are 3 clusters represented in this pham: DN, DN1, DN2,

Info for manual annotations of cluster DN:

- Start number 2 was manually annotated 4 times for cluster DN.

Info for manual annotations of cluster DN1:

- Start number 2 was manually annotated 14 times for cluster DN1.

Info for manual annotations of cluster DN2:

- Start number 2 was manually annotated 2 times for cluster DN2.

Gene Information:

Gene: Asapag_8 Start: 5855, Stop: 6010, Start Num: 2

Candidate Starts for Asapag_8:

(Start: 2 @5855 has 20 MA's), (3, 5906),

Gene: BENtherdunthat_8 Start: 5855, Stop: 6010, Start Num: 2

Candidate Starts for BENtherdunthat_8:

(Start: 2 @5855 has 20 MA's), (3, 5906),

Gene: Budski_8 Start: 5860, Stop: 6015, Start Num: 2

Candidate Starts for Budski_8:

(1, 5668), (Start: 2 @5860 has 20 MA's), (3, 5911),

Gene: CheeseTouch_8 Start: 5860, Stop: 6015, Start Num: 2

Candidate Starts for CheeseTouch_8:

(1, 5668), (Start: 2 @5860 has 20 MA's), (3, 5911),

Gene: Ecliptus_8 Start: 5880, Stop: 6035, Start Num: 2

Candidate Starts for Ecliptus_8:

(1, 5688), (Start: 2 @5880 has 20 MA's), (3, 5931),

Gene: Frickyeh_8 Start: 5855, Stop: 6010, Start Num: 2

Candidate Starts for Frickyeh_8:

(Start: 2 @5855 has 20 MA's), (3, 5906),

Gene: Getalong_8 Start: 5855, Stop: 6010, Start Num: 2

Candidate Starts for Getalong_8:

(Start: 2 @5855 has 20 MA's), (3, 5906),

Gene: Holliday_8 Start: 5860, Stop: 6015, Start Num: 2

Candidate Starts for Holliday_8:

(1, 5668), (Start: 2 @5860 has 20 MA's), (3, 5911),

Gene: Horus_8 Start: 5855, Stop: 6010, Start Num: 2

Candidate Starts for Horus_8:

(Start: 2 @5855 has 20 MA's), (3, 5906),

Gene: Kamaru_8 Start: 5860, Stop: 6015, Start Num: 2

Candidate Starts for Kamaru_8:

(1, 5668), (Start: 2 @5860 has 20 MA's), (3, 5911),

Gene: Kenna_8 Start: 5855, Stop: 6010, Start Num: 2

Candidate Starts for Kenna_8:

(Start: 2 @5855 has 20 MA's), (3, 5906),

Gene: Leroy_8 Start: 5856, Stop: 6011, Start Num: 2

Candidate Starts for Leroy_8:

(Start: 2 @5856 has 20 MA's), (3, 5907),

Gene: LitninMcQueen_8 Start: 5860, Stop: 6015, Start Num: 2

Candidate Starts for LitninMcQueen_8:

(1, 5668), (Start: 2 @5860 has 20 MA's), (3, 5911),

Gene: Lutum_8 Start: 5855, Stop: 6010, Start Num: 2

Candidate Starts for Lutum_8:

(Start: 2 @5855 has 20 MA's), (3, 5906),

Gene: Malisha_8 Start: 6899, Stop: 7054, Start Num: 2

Candidate Starts for Malisha_8:

(Start: 2 @6899 has 20 MA's), (3, 6950),

Gene: ODay_8 Start: 5878, Stop: 6033, Start Num: 2

Candidate Starts for ODay_8:

(1, 5686), (Start: 2 @5878 has 20 MA's), (3, 5929),

Gene: Periwinkle_8 Start: 5855, Stop: 6010, Start Num: 2

Candidate Starts for Periwinkle_8:

(Start: 2 @5855 has 20 MA's), (3, 5906),

Gene: Phabuloso_8 Start: 5860, Stop: 6015, Start Num: 2

Candidate Starts for Phabuloso_8:

(1, 5668), (Start: 2 @5860 has 20 MA's), (3, 5911),

Gene: Phistory_8 Start: 5844, Stop: 5999, Start Num: 2

Candidate Starts for Phistory_8:

(Start: 2 @5844 has 20 MA's), (3, 5895),

Gene: Spooky_8 Start: 5848, Stop: 6003, Start Num: 2

Candidate Starts for Spooky_8:

(Start: 2 @5848 has 20 MA's), (3, 5899), (4, 5905), (5, 5950),

Gene: Squiddly_9 Start: 6540, Stop: 6695, Start Num: 2

Candidate Starts for Squiddly_9:

(Start: 2 @6540 has 20 MA's), (3, 6591),

Gene: Whitney_8 Start: 5855, Stop: 6010, Start Num: 2

Candidate Starts for Whitney_8:

(Start: 2 @5855 has 20 MA's), (3, 5906),