



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 87092 Report

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

Pham number 87092 has 14 members, 0 are drafts.

Phages represented in each track:

- Track 1 : Sabbb_95, Sandalphon_90, Pollywog_94, Mattes_91, Melissauren88_81, Batiatus_90, LilMoolah_93, Job42_92, Hegedechwinu_92, Chuckly_85, Dante_90, Radiance_90
- Track 2 : BobaPhett_92, Pacc40_88

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 14 of the 14 non-draft genes in the pham.

Genes that call this "Most Annotated" start:

- Batiatus_90, BobaPhett_92, Chuckly_85, Dante_90, Hegedechwinu_92, Job42_92, LilMoolah_93, Mattes_91, Melissauren88_81, Pacc40_88, Pollywog_94, Radiance_90, Sabbb_95, Sandalphon_90,

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 14 of 14 (100.0%) of genes in pham
- Manual Annotations of this start: 14 of 14
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Batiatus_90 (F1), BobaPhett_92 (F1), Chuckly_85 (F1), Dante_90 (F1), Hegedechwinu_92 (F1), Job42_92 (F1), LilMoolah_93 (F1), Mattes_91 (F1), Melissauren88_81 (F1), Pacc40_88 (F1), Pollywog_94 (F1), Radiance_90 (F1), Sabbb_95 (F1), Sandalphon_90 (F1),

Summary by clusters:

There is one cluster represented in this pham: F1

Info for manual annotations of cluster F1:

- Start number 1 was manually annotated 14 times for cluster F1.

Gene Information:

Gene: Batiatus_90 Start: 51404, Stop: 51520, Start Num: 1

Candidate Starts for Batiatus_90:

(Start: 1 @51404 has 14 MA's),

Gene: BobaPhett_92 Start: 53214, Stop: 53330, Start Num: 1

Candidate Starts for BobaPhett_92:

(Start: 1 @53214 has 14 MA's), (2, 53271),

Gene: Chuckly_85 Start: 47637, Stop: 47753, Start Num: 1

Candidate Starts for Chuckly_85:

(Start: 1 @47637 has 14 MA's),

Gene: Dante_90 Start: 52899, Stop: 53015, Start Num: 1

Candidate Starts for Dante_90:

(Start: 1 @52899 has 14 MA's),

Gene: Hegedechwinu_92 Start: 50505, Stop: 50621, Start Num: 1

Candidate Starts for Hegedechwinu_92:

(Start: 1 @50505 has 14 MA's),

Gene: Job42_92 Start: 53928, Stop: 54044, Start Num: 1

Candidate Starts for Job42_92:

(Start: 1 @53928 has 14 MA's),

Gene: LilMoolah_93 Start: 52068, Stop: 52184, Start Num: 1

Candidate Starts for LilMoolah_93:

(Start: 1 @52068 has 14 MA's),

Gene: Mattes_91 Start: 52005, Stop: 52121, Start Num: 1

Candidate Starts for Mattes_91:

(Start: 1 @52005 has 14 MA's),

Gene: Melissauren88_81 Start: 47849, Stop: 47965, Start Num: 1

Candidate Starts for Melissauren88_81:

(Start: 1 @47849 has 14 MA's),

Gene: Pacc40_88 Start: 52440, Stop: 52553, Start Num: 1

Candidate Starts for Pacc40_88:

(Start: 1 @52440 has 14 MA's), (2, 52497),

Gene: Pollywog_94 Start: 53266, Stop: 53382, Start Num: 1

Candidate Starts for Pollywog_94:

(Start: 1 @53266 has 14 MA's),

Gene: Radiance_90 Start: 51552, Stop: 51668, Start Num: 1
Candidate Starts for Radiance_90:
(Start: 1 @51552 has 14 MA's),

Gene: Sabbb_95 Start: 50147, Stop: 50263, Start Num: 1
Candidate Starts for Sabbb_95:
(Start: 1 @50147 has 14 MA's),

Gene: Sandalphon_90 Start: 52699, Stop: 52815, Start Num: 1
Candidate Starts for Sandalphon_90:
(Start: 1 @52699 has 14 MA's),