



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 10483 Report

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

Pham number 10483 has 4 members, 4 are drafts.

Phages represented in each track:

- Track 1 : BugsBunny_63, Palpatine_65, StellaBean_59, BilboSwaggins_62

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

This pham is comprised of all draft annotations. There are no annotations to summarize.

Summary by start number:

Start 12:

- Found in 4 of 4 (100.0%) of genes in pham
- No Manual Annotations of this start.
- Called 100.0% of time when present
- Phage (with cluster) where this start called: BilboSwaggins_62 (E), BugsBunny_63 (E), Palpatine_65 (E), StellaBean_59 (E),

Summary by clusters:

There is one cluster represented in this pham: E

Gene Information:

Gene: BilboSwaggins_62 Start: 43623, Stop: 43498, Start Num: 12

Candidate Starts for BilboSwaggins_62:

(1, 43782), (2, 43755), (3, 43746), (4, 43740), (5, 43707), (6, 43701), (7, 43698), (8, 43674), (9, 43671), (10, 43653), (11, 43650), (12, 43623), (13, 43608), (14, 43548),

Gene: BugsBunny_63 Start: 43400, Stop: 43275, Start Num: 12

Candidate Starts for BugsBunny_63:

(1, 43559), (2, 43532), (3, 43523), (4, 43517), (5, 43484), (6, 43478), (7, 43475), (8, 43451), (9, 43448), (10, 43430), (11, 43427), (12, 43400), (13, 43385), (14, 43325),

Gene: Palpatine_65 Start: 43825, Stop: 43700, Start Num: 12

Candidate Starts for Palpatine_65:

(1, 43984), (2, 43957), (3, 43948), (4, 43942), (5, 43909), (6, 43903), (7, 43900), (8, 43876), (9, 43873), (10, 43855), (11, 43852), (12, 43825), (13, 43810), (14, 43750),

Gene: StellaBean_59 Start: 42947, Stop: 42822, Start Num: 12

Candidate Starts for StellaBean_59:

(1, 43106), (2, 43079), (3, 43070), (4, 43064), (5, 43031), (6, 43025), (7, 43022), (8, 42998), (9, 42995), (10, 42977), (11, 42974), (12, 42947), (13, 42932), (14, 42872),