Pham 220316

1: Grekaycon_18 + 8

2: Wyborn_19

3: Sicarius2_19

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 220316 Report

This analysis was run 03/28/25 on database version 593.

Pham number 220316 has 11 members, 0 are drafts.

Phages represented in each track:
• Track 1 : Grekaycon_18, Shade_18, Jordan_18, Sonny_18, Zartrosa_18, Martha_18, TaeYoung_18, BossLady_18, JKerns_18
• Track 2 : Wyborn_19
• Track 3 : Sicarius2_19

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:
• BossLady_18, Grekaycon_18, JKerns_18, Jordan_18, Martha_18, Shade_18, Sicarius2_19, Sonny_18, TaeYoung_18, Wyborn_19, Zartrosa_18,

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 11 of 11 (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: BossLady_18 (AO2), Grekaycon_18 (AO2), JKerns_18 (AO2), Jordan_18 (AO2), Martha_18 (AO2), Shade_18 (AO2), Sicarius2_19 (AO2), Sonny_18 (AO2), TaeYoung_18 (AO2), Wyborn_19 (AO2), Zartrosa_18 (AO2),

Summary by clusters:

There is one cluster represented in this pham: AO2

Info for manual annotations of cluster AO2:
•Start number 1 was manually annotated 11 times for cluster AO2.

Gene Information:

Gene: BossLady_18 Start: 13616, Stop: 13744, Start Num: 1
Candidate Starts for BossLady_18:
(Start: 1 @13616 has 11 MA's), (2, 13634),

Gene: Grekaycon_18 Start: 13625, Stop: 13753, Start Num: 1
Candidate Starts for Grekaycon_18:
(Start: 1 @13625 has 11 MA's), (2, 13643),

Gene: JKerns_18 Start: 13652, Stop: 13780, Start Num: 1
Candidate Starts for JKerns_18:
(Start: 1 @13652 has 11 MA's), (2, 13670),

Gene: Jordan_18 Start: 13622, Stop: 13750, Start Num: 1
Candidate Starts for Jordan_18:
(Start: 1 @13622 has 11 MA's), (2, 13640),

Gene: Martha_18 Start: 13563, Stop: 13691, Start Num: 1
Candidate Starts for Martha_18:
(Start: 1 @13563 has 11 MA's), (2, 13581),

Gene: Shade_18 Start: 13601, Stop: 13729, Start Num: 1
Candidate Starts for Shade_18:
(Start: 1 @13601 has 11 MA's), (2, 13619),

Gene: Sicarius2_19 Start: 14102, Stop: 14230, Start Num: 1
Candidate Starts for Sicarius2_19:
(Start: 1 @14102 has 11 MA's), (3, 14159),

Gene: Sonny_18 Start: 13622, Stop: 13750, Start Num: 1
Candidate Starts for Sonny_18:
(Start: 1 @13622 has 11 MA's), (2, 13640),

Gene: TaeYoung_18 Start: 13626, Stop: 13754, Start Num: 1
Candidate Starts for TaeYoung_18:
(Start: 1 @13626 has 11 MA's), (2, 13644),

Gene: Wyborn_19 Start: 13963, Stop: 14091, Start Num: 1
Candidate Starts for Wyborn_19:
(Start: 1 @13963 has 11 MA's), (3, 14020),

Gene: Zartrosa_18 Start: 13625, Stop: 13753, Start Num: 1
Candidate Starts for Zartrosa_18:
(Start: 1 @13625 has 11 MA's), (2, 13643),