Pham 288425

1: Sparcetus_66 + 6

2: FloraSnap32_187

3: Cantare_96

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 288425 Report

This analysis was run 03/28/26 on database version 641.

Pham number 288425 has 9 members, 1 are drafts.

Phages represented in each track:
• Track 1 : Sparcetus_66, Ajin_66, Kors_66, LordBart_66, Bramble_66, RikSengupta_66, TinyMiny_66
• Track 2 : FloraSnap32_187
• Track 3 : Cantare_96

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 8 of the 8 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Ajin_66, Bramble_66, Cantare_96, FloraSnap32_187, Kors_66, LordBart_66, RikSengupta_66, Sparcetus_66, TinyMiny_66,

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 9 of 9 (100.0%) of genes in pham
• Manual Annotations of this start: 8 of 8
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Ajin_66 (EF), Bramble_66 (EF), Cantare_96 (singleton), FloraSnap32_187 (FC), Kors_66 (EF), LordBart_66 (EF), RikSengupta_66 (EF), Sparcetus_66 (EF), TinyMiny_66 (EF),

Summary by clusters:

There are 3 clusters represented in this pham: FC, singleton, EF,

Info for manual annotations of cluster EF:
•Start number 2 was manually annotated 7 times for cluster EF.

Gene Information:

Gene: Ajin_66 Start: 46096, Stop: 46248, Start Num: 2
Candidate Starts for Ajin_66:
(Start: 2 @46096 has 8 MA's),

Gene: Bramble_66 Start: 46108, Stop: 46260, Start Num: 2
Candidate Starts for Bramble_66:
(Start: 2 @46108 has 8 MA's),

Gene: Cantare_96 Start: 72628, Stop: 72792, Start Num: 2
Candidate Starts for Cantare_96:
(1, 72592), (Start: 2 @72628 has 8 MA's), (3, 72706), (4, 72727),

Gene: FloraSnap32_187 Start: 130558, Stop: 130710, Start Num: 2
Candidate Starts for FloraSnap32_187:
(Start: 2 @130558 has 8 MA's), (4, 130654),

Gene: Kors_66 Start: 46181, Stop: 46333, Start Num: 2
Candidate Starts for Kors_66:
(Start: 2 @46181 has 8 MA's),

Gene: LordBart_66 Start: 46078, Stop: 46230, Start Num: 2
Candidate Starts for LordBart_66:
(Start: 2 @46078 has 8 MA's),

Gene: RikSengupta_66 Start: 46209, Stop: 46361, Start Num: 2
Candidate Starts for RikSengupta_66:
(Start: 2 @46209 has 8 MA's),

Gene: Sparcetus_66 Start: 46086, Stop: 46238, Start Num: 2
Candidate Starts for Sparcetus_66:
(Start: 2 @46086 has 8 MA's),

Gene: TinyMiny_66 Start: 46114, Stop: 46266, Start Num: 2
Candidate Starts for TinyMiny_66:
(Start: 2 @46114 has 8 MA's),