Pham 87528

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 87528 Report

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

Pham number 87528 has 10 members, 0 are drafts.

Phages represented in each track:
• Track 1 : JustHall_38, ChickenPhender_38, Turret_37, ChaylaJr_38, Cactojaque_37, Melpomini_38, Trinitium_38, Blackbrain_37, Chargie21_38, Basquiat_38

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 10 of the 10 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Basquiat_38, Blackbrain_37, Cactojaque_37, Chargie21_38, ChaylaJr_38, ChickenPhender_38, JustHall_38, Melpomini_38, Trinitium_38, Turret_37,

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 10 of 10 (100.0%) of genes in pham
• Manual Annotations of this start: 10 of 10
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Basquiat_38 (C1), Blackbrain_37 (C1), Cactojaque_37 (C1), Chargie21_38 (C1), ChaylaJr_38 (C1), ChickenPhender_38 (C1), JustHall_38 (C1), Melpomini_38 (C1), Trinitium_38 (C1), Turret_37 (C1),

Summary by clusters:

There is one cluster represented in this pham: C1

Info for manual annotations of cluster C1:

•Start number 2 was manually annotated 10 times for cluster C1.

Gene Information:
Gene: Basquiat_38 Start: 11738, Stop: 12082, Start Num: 2
Candidate Starts for Basquiat_38:
(1, 11690), (Start: 2 @11738 has 10 MA's), (3, 11825),

Gene: Blackbrain_37 Start: 11554, Stop: 11898, Start Num: 2
Candidate Starts for Blackbrain_37:
(1, 11506), (Start: 2 @11554 has 10 MA's), (3, 11641),

Gene: Cactojaque_37 Start: 11661, Stop: 12005, Start Num: 2
Candidate Starts for Cactojaque_37:
(1, 11613), (Start: 2 @11661 has 10 MA's), (3, 11748),

Gene: Chargie21_38 Start: 11738, Stop: 12082, Start Num: 2
Candidate Starts for Chargie21_38:
(1, 11690), (Start: 2 @11738 has 10 MA's), (3, 11825),

Gene: ChaylaJr_38 Start: 11825, Stop: 12169, Start Num: 2
Candidate Starts for ChaylaJr_38:
(1, 11777), (Start: 2 @11825 has 10 MA's), (3, 11912),

Gene: ChickenPhender_38 Start: 11783, Stop: 12127, Start Num: 2
Candidate Starts for ChickenPhender_38:
(1, 11735), (Start: 2 @11783 has 10 MA's), (3, 11870),

Gene: JustHall_38 Start: 12764, Stop: 13108, Start Num: 2
Candidate Starts for JustHall_38:
(1, 12716), (Start: 2 @12764 has 10 MA's), (3, 12851),

Gene: Melpomini_38 Start: 11721, Stop: 12065, Start Num: 2
Candidate Starts for Melpomini_38:
(1, 11673), (Start: 2 @11721 has 10 MA's), (3, 11808),

Gene: Trinitium_38 Start: 11769, Stop: 12113, Start Num: 2
Candidate Starts for Trinitium_38:
(1, 11721), (Start: 2 @11769 has 10 MA's), (3, 11856),

Gene: Turret_37 Start: 11492, Stop: 11836, Start Num: 2
Candidate Starts for Turret_37:
(1, 11444), (Start: 2 @11492 has 10 MA's), (3, 11579),