Pham 62685

1: YungMoney_16 + 12

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 62685 Report

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

Pham number 62685 has 13 members, 0 are drafts.

Phages represented in each track:
• Track 1 : YungMoney_16, RogerDodger_17, Danyall_16, PinkCoffee_16, Twister6_16, VanDeWege_17, Arri_17, Mutzi_16, Barb_16, ClamChowder_16, Fugax_16, Valary_17, KimmyK_16

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 13 of the 13 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Arri_17, Barb_16, ClamChowder_16, Danyall_16, Fugax_16, KimmyK_16, Mutzi_16, PinkCoffee_16, RogerDodger_17, Twister6_16, Valary_17, VanDeWege_17, YungMoney_16,

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 13 of 13 (100.0%) of genes in pham
• Manual Annotations of this start: 13 of 13
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Arri_17 (DC1), Barb_16 (DC1), ClamChowder_16 (DC1), Danyall_16 (DC1), Fugax_16 (DC1), KimmyK_16 (DC1), Mutzi_16 (DC1), PinkCoffee_16 (DC1), RogerDodger_17 (DC1), Twister6_16 (DC1), Valary_17 (DC1), VanDeWege_17 (DC1), YungMoney_16 (DC1),

Summary by clusters:

There is one cluster represented in this pham: DC1

Info for manual annotations of cluster DC1:
•Start number 1 was manually annotated 13 times for cluster DC1.

Gene Information:

Gene: Arri_17 Start: 10121, Stop: 9975, Start Num: 1
Candidate Starts for Arri_17:
(Start: 1 @10121 has 13 MA's), (2, 10073), (3, 10010),

Gene: Barb_16 Start: 10084, Stop: 9938, Start Num: 1
Candidate Starts for Barb_16:
(Start: 1 @10084 has 13 MA's), (2, 10036), (3, 9973),

Gene: ClamChowder_16 Start: 10084, Stop: 9938, Start Num: 1
Candidate Starts for ClamChowder_16:
(Start: 1 @10084 has 13 MA's), (2, 10036), (3, 9973),

Gene: Danyall_16 Start: 9956, Stop: 9810, Start Num: 1
Candidate Starts for Danyall_16:
(Start: 1 @9956 has 13 MA's), (2, 9908), (3, 9845),

Gene: Fugax_16 Start: 10084, Stop: 9938, Start Num: 1
Candidate Starts for Fugax_16:
(Start: 1 @10084 has 13 MA's), (2, 10036), (3, 9973),

Gene: KimmyK_16 Start: 10084, Stop: 9938, Start Num: 1
Candidate Starts for KimmyK_16:
(Start: 1 @10084 has 13 MA's), (2, 10036), (3, 9973),

Gene: Mutzi_16 Start: 9949, Stop: 9803, Start Num: 1
Candidate Starts for Mutzi_16:
(Start: 1 @9949 has 13 MA's), (2, 9901), (3, 9838),

Gene: PinkCoffee_16 Start: 10093, Stop: 9947, Start Num: 1
Candidate Starts for PinkCoffee_16:
(Start: 1 @10093 has 13 MA's), (2, 10045), (3, 9982),

Gene: RogerDodger_17 Start: 10320, Stop: 10174, Start Num: 1
Candidate Starts for RogerDodger_17:
(Start: 1 @10320 has 13 MA's), (2, 10272), (3, 10209),

Gene: Twister6_16 Start: 9867, Stop: 9721, Start Num: 1
Candidate Starts for Twister6_16:
(Start: 1 @9867 has 13 MA's), (2, 9819), (3, 9756),

Gene: Valary_17 Start: 10320, Stop: 10174, Start Num: 1
Candidate Starts for Valary_17:
(Start: 1 @10320 has 13 MA's), (2, 10272), (3, 10209),

Gene: VanDeWege_17 Start: 10248, Stop: 10102, Start Num: 1

Candidate Starts for VanDeWege_17:
(Start: 1 @10248 has 13 MA's), (2, 10200), (3, 10137),

Gene: YungMoney_16 Start: 11008, Stop: 10862, Start Num: 1
Candidate Starts for YungMoney_16:
(Start: 1 @11008 has 13 MA's), (2, 10960), (3, 10897),