



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 87266 Report

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

Pham number 87266 has 12 members, 0 are drafts.

Phages represented in each track:

- Track 1 : VanDeWege_18, RogerDodger_18, Valary_18, Danyall_17, PinkCoffee_17, Fugax_17, Twister6_17, Barb_17, KimmyK_17, ClamChowder_17
- Track 2 : YungMoney_17
- Track 3 : Arri_18

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

The start number called the most often in the published annotations is 3, it was called in 12 of the 12 non-draft genes in the pham.

Genes that call this "Most Annotated" start:

- Arri_18, Barb_17, ClamChowder_17, Danyall_17, Fugax_17, KimmyK_17, PinkCoffee_17, RogerDodger_18, Twister6_17, Valary_18, VanDeWege_18, YungMoney_17,

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 3:

- Found in 12 of 12 (100.0%) of genes in pham
- Manual Annotations of this start: 12 of 12
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Arri_18 (DC1), Barb_17 (DC1), ClamChowder_17 (DC1), Danyall_17 (DC1), Fugax_17 (DC1), KimmyK_17 (DC1), PinkCoffee_17 (DC1), RogerDodger_18 (DC1), Twister6_17 (DC1), Valary_18 (DC1), VanDeWege_18 (DC1), YungMoney_17 (DC1),

Summary by clusters:

There is one cluster represented in this pham: DC1

Info for manual annotations of cluster DC1:

•Start number 3 was manually annotated 12 times for cluster DC1.

Gene Information:

Gene: Arri_18 Start: 10232, Stop: 10435, Start Num: 3

Candidate Starts for Arri_18:

(1, 10145), (2, 10175), (Start: 3 @10232 has 12 MA's), (4, 10313), (5, 10325), (6, 10376),

Gene: Barb_17 Start: 10195, Stop: 10398, Start Num: 3

Candidate Starts for Barb_17:

(Start: 3 @10195 has 12 MA's), (4, 10276), (6, 10339),

Gene: ClamChowder_17 Start: 10195, Stop: 10398, Start Num: 3

Candidate Starts for ClamChowder_17:

(Start: 3 @10195 has 12 MA's), (4, 10276), (6, 10339),

Gene: Danyall_17 Start: 10067, Stop: 10270, Start Num: 3

Candidate Starts for Danyall_17:

(Start: 3 @10067 has 12 MA's), (4, 10148), (6, 10211),

Gene: Fugax_17 Start: 10195, Stop: 10398, Start Num: 3

Candidate Starts for Fugax_17:

(Start: 3 @10195 has 12 MA's), (4, 10276), (6, 10339),

Gene: KimmyK_17 Start: 10195, Stop: 10398, Start Num: 3

Candidate Starts for KimmyK_17:

(Start: 3 @10195 has 12 MA's), (4, 10276), (6, 10339),

Gene: PinkCoffee_17 Start: 10204, Stop: 10407, Start Num: 3

Candidate Starts for PinkCoffee_17:

(Start: 3 @10204 has 12 MA's), (4, 10285), (6, 10348),

Gene: RogerDodger_18 Start: 10431, Stop: 10634, Start Num: 3

Candidate Starts for RogerDodger_18:

(Start: 3 @10431 has 12 MA's), (4, 10512), (6, 10575),

Gene: Twister6_17 Start: 9978, Stop: 10181, Start Num: 3

Candidate Starts for Twister6_17:

(Start: 3 @9978 has 12 MA's), (4, 10059), (6, 10122),

Gene: Valary_18 Start: 10431, Stop: 10634, Start Num: 3

Candidate Starts for Valary_18:

(Start: 3 @10431 has 12 MA's), (4, 10512), (6, 10575),

Gene: VanDeWege_18 Start: 10359, Stop: 10562, Start Num: 3

Candidate Starts for VanDeWege_18:

(Start: 3 @10359 has 12 MA's), (4, 10440), (6, 10503),

Gene: YungMoney_17 Start: 11119, Stop: 11322, Start Num: 3

Candidate Starts for YungMoney_17:

(1, 11032), (2, 11062), (Start: 3 @11119 has 12 MA's), (4, 11200), (6, 11263),