



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 6583 Report

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

Pham number 6583 has 12 members, 0 are drafts.

Phages represented in each track:

- Track 1 : Sprinklers_107
- Track 2 : Babyland_112, Izajani_111, YemiJoy2021_112, Jemmno_111, Quasimodo_112, ChaylaJr_106, Gamgam_111, YoungMoneyMata_112, Janiyra_113, Burrough_111, Ngannou_107

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 12 of the 12 non-draft genes in the pham.

Genes that call this "Most Annotated" start:

- Babyland_112, Burrough_111, ChaylaJr_106, Gamgam_111, Izajani_111, Janiyra_113, Jemmno_111, Ngannou_107, Quasimodo_112, Sprinklers_107, YemiJoy2021_112, YoungMoneyMata_112,

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 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: Babyland_112 (C1), Burrough_111 (C1), ChaylaJr_106 (C1), Gamgam_111 (C1), Izajani_111 (C1), Janiyra_113 (C1), Jemmno_111 (C1), Ngannou_107 (C1), Quasimodo_112 (C1), Sprinklers_107 (C1), YemiJoy2021_112 (C1), YoungMoneyMata_112 (C1),

Summary by clusters:

There is one cluster represented in this pham: C1

Info for manual annotations of cluster C1:

•Start number 1 was manually annotated 12 times for cluster C1.

Gene Information:

Gene: Babyland_112 Start: 56457, Stop: 56669, Start Num: 1

Candidate Starts for Babyland_112:

(Start: 1 @56457 has 12 MA's), (2, 56463), (3, 56478), (4, 56484), (5, 56580), (6, 56613), (7, 56640),

Gene: Burrough_111 Start: 57867, Stop: 58079, Start Num: 1

Candidate Starts for Burrough_111:

(Start: 1 @57867 has 12 MA's), (2, 57873), (3, 57888), (4, 57894), (5, 57990), (6, 58023), (7, 58050),

Gene: ChaylaJr_106 Start: 55765, Stop: 55977, Start Num: 1

Candidate Starts for ChaylaJr_106:

(Start: 1 @55765 has 12 MA's), (2, 55771), (3, 55786), (4, 55792), (5, 55888), (6, 55921), (7, 55948),

Gene: Gamgam_111 Start: 56369, Stop: 56581, Start Num: 1

Candidate Starts for Gamgam_111:

(Start: 1 @56369 has 12 MA's), (2, 56375), (3, 56390), (4, 56396), (5, 56492), (6, 56525), (7, 56552),

Gene: Izajani_111 Start: 58021, Stop: 58233, Start Num: 1

Candidate Starts for Izajani_111:

(Start: 1 @58021 has 12 MA's), (2, 58027), (3, 58042), (4, 58048), (5, 58144), (6, 58177), (7, 58204),

Gene: Janiyr_113 Start: 57296, Stop: 57508, Start Num: 1

Candidate Starts for Janiyr_113:

(Start: 1 @57296 has 12 MA's), (2, 57302), (3, 57317), (4, 57323), (5, 57419), (6, 57452), (7, 57479),

Gene: Jemmno_111 Start: 57105, Stop: 57317, Start Num: 1

Candidate Starts for Jemmno_111:

(Start: 1 @57105 has 12 MA's), (2, 57111), (3, 57126), (4, 57132), (5, 57228), (6, 57261), (7, 57288),

Gene: Ngannou_107 Start: 55351, Stop: 55563, Start Num: 1

Candidate Starts for Ngannou_107:

(Start: 1 @55351 has 12 MA's), (2, 55357), (3, 55372), (4, 55378), (5, 55474), (6, 55507), (7, 55534),

Gene: Quasimodo_112 Start: 57796, Stop: 58008, Start Num: 1

Candidate Starts for Quasimodo_112:

(Start: 1 @57796 has 12 MA's), (2, 57802), (3, 57817), (4, 57823), (5, 57919), (6, 57952), (7, 57979),

Gene: Sprinklers_107 Start: 56406, Stop: 56618, Start Num: 1

Candidate Starts for Sprinklers_107:

(Start: 1 @56406 has 12 MA's), (2, 56412), (3, 56427), (4, 56433), (6, 56562), (7, 56589),

Gene: YemiJoy2021_112 Start: 57838, Stop: 58050, Start Num: 1

Candidate Starts for YemiJoy2021_112:

(Start: 1 @57838 has 12 MA's), (2, 57844), (3, 57859), (4, 57865), (5, 57961), (6, 57994), (7, 58021),

Gene: YoungMoneyMata_112 Start: 57005, Stop: 57217, Start Num: 1

Candidate Starts for YoungMoneyMata_112:

(Start: 1 @57005 has 12 MA's), (2, 57011), (3, 57026), (4, 57032), (5, 57128), (6, 57161), (7, 57188),