



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 106718 Report

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

Pham number 106718 has 13 members, 0 are drafts.

Phages represented in each track:

- Track 1 : Sanjuju_75, Sitar_76, Keitabear_75, Stultus_72, Jabberwocky_75, Ailee_74, Bibwit_75, Angelicage_75
- Track 2 : Fitzgerald_75
- Track 3 : Affeca_78
- Track 4 : Lennon_76
- Track 5 : BobBob_77
- Track 6 : Love_82

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

The start number called the most often in the published annotations is 7, it was called in 13 of the 13 non-draft genes in the pham.

Genes that call this "Most Annotated" start:

- Affeca_78, Ailee_74, Angelicage_75, Bibwit_75, BobBob_77, Fitzgerald_75, Jabberwocky_75, Keitabear_75, Lennon_76, Love_82, Sanjuju_75, Sitar_76, Stultus_72,

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 7:

- 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: Affeca_78 (DE1), Ailee_74 (DE1), Angelicage_75 (DE1), Bibwit_75 (DE1), BobBob_77 (DE1), Fitzgerald_75 (DE1), Jabberwocky_75 (DE1), Keitabear_75 (DE1), Lennon_76 (DE1), Love_82 (DE1), Sanjuju_75 (DE1), Sitar_76 (DE1), Stultus_72 (DE1),

Summary by clusters:

There is one cluster represented in this pham: DE1

Info for manual annotations of cluster DE1:

•Start number 7 was manually annotated 13 times for cluster DE1.

Gene Information:

Gene: Affeca_78 Start: 55944, Stop: 56216, Start Num: 7

Candidate Starts for Affeca_78:

(1, 55704), (2, 55803), (3, 55833), (4, 55848), (6, 55908), (Start: 7 @55944 has 13 MA's), (8, 56034), (9, 56073),

Gene: Ailee_74 Start: 54973, Stop: 55245, Start Num: 7

Candidate Starts for Ailee_74:

(3, 54862), (4, 54877), (6, 54937), (Start: 7 @54973 has 13 MA's), (8, 55063), (9, 55102),

Gene: Angelicage_75 Start: 55912, Stop: 56184, Start Num: 7

Candidate Starts for Angelicage_75:

(3, 55801), (4, 55816), (6, 55876), (Start: 7 @55912 has 13 MA's), (8, 56002), (9, 56041),

Gene: Bibwit_75 Start: 54614, Stop: 54886, Start Num: 7

Candidate Starts for Bibwit_75:

(3, 54503), (4, 54518), (6, 54578), (Start: 7 @54614 has 13 MA's), (8, 54704), (9, 54743),

Gene: BobBob_77 Start: 54913, Stop: 55200, Start Num: 7

Candidate Starts for BobBob_77:

(6, 54877), (Start: 7 @54913 has 13 MA's), (8, 55003), (9, 55042), (12, 55147),

Gene: Fitzgerald_75 Start: 55760, Stop: 56032, Start Num: 7

Candidate Starts for Fitzgerald_75:

(3, 55649), (4, 55664), (6, 55724), (Start: 7 @55760 has 13 MA's), (8, 55850), (9, 55889),

Gene: Jabberwocky_75 Start: 55986, Stop: 56258, Start Num: 7

Candidate Starts for Jabberwocky_75:

(3, 55875), (4, 55890), (6, 55950), (Start: 7 @55986 has 13 MA's), (8, 56076), (9, 56115),

Gene: Keitabear_75 Start: 56535, Stop: 56807, Start Num: 7

Candidate Starts for Keitabear_75:

(3, 56424), (4, 56439), (6, 56499), (Start: 7 @56535 has 13 MA's), (8, 56625), (9, 56664),

Gene: Lennon_76 Start: 56636, Stop: 56923, Start Num: 7

Candidate Starts for Lennon_76:

(3, 56525), (4, 56540), (6, 56600), (Start: 7 @56636 has 13 MA's), (8, 56726), (9, 56765), (10, 56825), (11, 56837),

Gene: Love_82 Start: 56559, Stop: 56831, Start Num: 7

Candidate Starts for Love_82:

(5, 56475), (6, 56523), (Start: 7 @56559 has 13 MA's), (8, 56649), (9, 56688),

Gene: Sanjuju_75 Start: 55850, Stop: 56122, Start Num: 7

Candidate Starts for Sanjuju_75:

(3, 55739), (4, 55754), (6, 55814), (Start: 7 @55850 has 13 MA's), (8, 55940), (9, 55979),

Gene: Sitar_76 Start: 56394, Stop: 56666, Start Num: 7

Candidate Starts for Sitar_76:

(3, 56283), (4, 56298), (6, 56358), (Start: 7 @56394 has 13 MA's), (8, 56484), (9, 56523),

Gene: Stultus_72 Start: 54641, Stop: 54913, Start Num: 7

Candidate Starts for Stultus_72:

(3, 54530), (4, 54545), (6, 54605), (Start: 7 @54641 has 13 MA's), (8, 54731), (9, 54770),