

Pham 281256



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 281256 Report

This analysis was run 02/07/26 on database version 634.

Pham number 281256 has 7 members, 3 are drafts.

Phages represented in each track:

- Track 1 : SFuller_57
- Track 2 : Jflix2_58
- Track 3 : Shagrat_66
- Track 4 : RegnumDei_64
- Track 5 : CurlyFries_70
- Track 6 : Madraxi_61
- Track 7 : Sleepyhead_43

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

The start number called the most often in the published annotations is 12, it was called in 2 of the 4 non-draft genes in the pham.

Genes that call this "Most Annotated" start:

- Jflix2_58, Madraxi_61, SFuller_57,

Genes that have the "Most Annotated" start but do not call it:

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Genes that do not have the "Most Annotated" start:

- CurlyFries_70, RegnumDei_64, Shagrat_66, Sleepyhead_43,

Summary by start number:

Start 11:

- Found in 1 of 7 (14.3%) of genes in pham
- Manual Annotations of this start: 1 of 4
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Sleepyhead_43 (singleton),

Start 12:

- Found in 3 of 7 (42.9%) of genes in pham
- Manual Annotations of this start: 2 of 4
- Called 100.0% of time when present

- Phage (with cluster) where this start called: Jflix2_58 (CF), Madraxi_61 (CF), SFuller_57 (CF),

Start 14:

- Found in 3 of 7 (42.9%) of genes in pham
- Manual Annotations of this start: 1 of 4
- Called 100.0% of time when present
- Phage (with cluster) where this start called: CurlyFries_70 (CF), RegnumDei_64 (CF), Shagrat_66 (CF),

Summary by clusters:

There are 2 clusters represented in this pham: singleton, CF,

Info for manual annotations of cluster CF:

- Start number 12 was manually annotated 2 times for cluster CF.
- Start number 14 was manually annotated 1 time for cluster CF.

Gene Information:

Gene: CurlyFries_70 Start: 39801, Stop: 40115, Start Num: 14

Candidate Starts for CurlyFries_70:

(13, 39792), (Start: 14 @39801 has 1 MA's), (25, 40065), (26, 40080), (28, 40092),

Gene: Jflix2_58 Start: 39721, Stop: 40101, Start Num: 12

Candidate Starts for Jflix2_58:

(2, 39397), (10, 39709), (Start: 12 @39721 has 2 MA's), (15, 39814), (22, 39979), (24, 40024), (27, 40069),

Gene: Madraxi_61 Start: 42224, Stop: 42604, Start Num: 12

Candidate Starts for Madraxi_61:

(8, 42083), (10, 42212), (Start: 12 @42224 has 2 MA's), (18, 42407), (29, 42590),

Gene: RegnumDei_64 Start: 40645, Stop: 40995, Start Num: 14

Candidate Starts for RegnumDei_64:

(13, 40636), (Start: 14 @40645 has 1 MA's), (17, 40783), (26, 40960), (28, 40972),

Gene: SFuller_57 Start: 39913, Stop: 40293, Start Num: 12

Candidate Starts for SFuller_57:

(10, 39901), (Start: 12 @39913 has 2 MA's), (22, 40171), (27, 40261), (29, 40279),

Gene: Shagrat_66 Start: 40915, Stop: 41250, Start Num: 14

Candidate Starts for Shagrat_66:

(1, 40549), (3, 40564), (4, 40630), (5, 40654), (6, 40693), (7, 40720), (9, 40756), (Start: 14 @40915 has 1 MA's), (16, 41023), (20, 41101), (21, 41104), (25, 41197), (26, 41212), (28, 41224),

Gene: Sleepyhead_43 Start: 31028, Stop: 31363, Start Num: 11

Candidate Starts for Sleepyhead_43:

(Start: 11 @31028 has 1 MA's), (19, 31199), (23, 31295),