

Pham 5605



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 5605 Report

This analysis was run 04/05/24 on database version 557.

Pham number 5605 has 11 members, 0 are drafts.

Phages represented in each track:

- Track 1 : UNTPL_80
- Track 2 : Stuff_79, Crosby_81
- Track 3 : JackieB_80
- Track 4 : Marky_83
- Track 5 : Intolerant_76
- Track 6 : Microdon_78
- Track 7 : Henoccus_80, Araceli_79
- Track 8 : Bogota_80
- Track 9 : LazerLemon_80

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

The start number called the most often in the published annotations is 6, it was called in 9 of the 11 non-draft genes in the pham.

Genes that call this "Most Annotated" start:

- Araceli_79, Bogota_80, Crosby_81, Henoccus_80, Intolerant_76, JackieB_80, Marky_83, Stuff_79, UNTPL_80,

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:

- LazerLemon_80, Microdon_78,

Summary by start number:

Start 4:

- Found in 1 of 11 (9.1%) of genes in pham
- Manual Annotations of this start: 1 of 11
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Microdon_78 (BH),

Start 5:

- Found in 1 of 11 (9.1%) of genes in pham
- Manual Annotations of this start: 1 of 11
- Called 100.0% of time when present
- Phage (with cluster) where this start called: LazerLemon_80 (BH),

Start 6:

- Found in 9 of 11 (81.8%) of genes in pham
- Manual Annotations of this start: 9 of 11
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Araceli_79 (BH), Bogota_80 (BH), Crosby_81 (BH), Henoccus_80 (BH), Intolerant_76 (BH), JackieB_80 (BH), Marky_83 (BH), Stuff_79 (BH), UNTPL_80 (BH),

Summary by clusters:

There is one cluster represented in this pham: BH

Info for manual annotations of cluster BH:

- Start number 4 was manually annotated 1 time for cluster BH.
- Start number 5 was manually annotated 1 time for cluster BH.
- Start number 6 was manually annotated 9 times for cluster BH.

Gene Information:

Gene: Araceli_79 Start: 54005, Stop: 54346, Start Num: 6

Candidate Starts for Araceli_79:

(2, 53924), (3, 53936), (Start: 6 @54005 has 9 MA's), (8, 54068), (9, 54086), (12, 54125), (13, 54131), (15, 54203),

Gene: Bogota_80 Start: 53250, Stop: 53651, Start Num: 6

Candidate Starts for Bogota_80:

(1, 53136), (2, 53169), (3, 53181), (Start: 6 @53250 has 9 MA's), (8, 53313), (9, 53331), (12, 53370), (13, 53376), (15, 53448), (19, 53574),

Gene: Crosby_81 Start: 53104, Stop: 53505, Start Num: 6

Candidate Starts for Crosby_81:

(Start: 6 @53104 has 9 MA's), (8, 53167), (12, 53224), (13, 53230), (15, 53302), (19, 53428), (20, 53443),

Gene: Henoccus_80 Start: 54096, Stop: 54437, Start Num: 6

Candidate Starts for Henoccus_80:

(2, 54015), (3, 54027), (Start: 6 @54096 has 9 MA's), (8, 54159), (9, 54177), (12, 54216), (13, 54222), (15, 54294),

Gene: Intolerant_76 Start: 52727, Stop: 53128, Start Num: 6

Candidate Starts for Intolerant_76:

(1, 52613), (2, 52646), (3, 52658), (Start: 6 @52727 has 9 MA's), (8, 52790), (12, 52847), (13, 52853), (15, 52925), (19, 53051), (20, 53066),

Gene: JackieB_80 Start: 53871, Stop: 54212, Start Num: 6

Candidate Starts for JackieB_80:

(2, 53790), (3, 53802), (Start: 6 @53871 has 9 MA's), (8, 53934), (9, 53952), (12, 53991), (13, 53997),

Gene: LazerLemon_80 Start: 53901, Stop: 54203, Start Num: 5

Candidate Starts for LazerLemon_80:

(Start: 5 @53901 has 1 MA's), (7, 53922), (10, 53961), (11, 53964), (13, 53988), (14, 54018), (15, 54060), (17, 54126),

Gene: Marky_83 Start: 53854, Stop: 54237, Start Num: 6

Candidate Starts for Marky_83:

(Start: 6 @53854 has 9 MA's), (8, 53917), (12, 53977), (13, 53983), (15, 54055), (16, 54118), (18, 54124),

Gene: Microdon_78 Start: 52501, Stop: 52839, Start Num: 4

Candidate Starts for Microdon_78:

(Start: 4 @52501 has 1 MA's), (7, 52525), (10, 52564), (11, 52567), (13, 52591), (14, 52621), (15, 52663), (17, 52729),

Gene: Stuff_79 Start: 53137, Stop: 53538, Start Num: 6

Candidate Starts for Stuff_79:

(Start: 6 @53137 has 9 MA's), (8, 53200), (12, 53257), (13, 53263), (15, 53335), (19, 53461), (20, 53476),

Gene: UNTPL_80 Start: 53561, Stop: 53962, Start Num: 6

Candidate Starts for UNTPL_80:

(Start: 6 @53561 has 9 MA's), (8, 53624), (9, 53642), (12, 53681), (13, 53687), (15, 53759), (19, 53885), (20, 53900),