Pham 28265
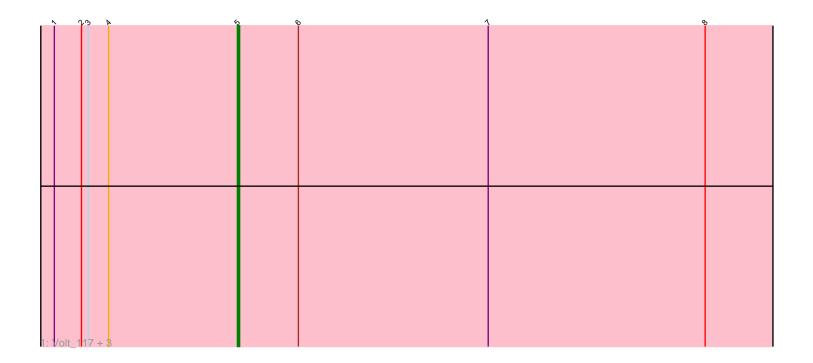

1: Volt_117 + 3

2: Ziko_116

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 28265 Report

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

Pham number 28265 has 5 members, 0 are drafts.

Phages represented in each track:
• Track 1 : Volt_117, Guey18_118, Ronaldo_115, Fryberger_113
• Track 2 : Ziko_116

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

The start number called the most often in the published annotations is 5, it was called in 4 of the 5 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Fryberger_113, Guey18_118, Ronaldo_115, Volt_117,

Genes that have the "Most Annotated" start but do not call it:
• Ziko_116,

Genes that do not have the "Most Annotated" start:
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Summary by start number:

Start 5:
• Found in 5 of 5 (100.0%) of genes in pham
• Manual Annotations of this start: 4 of 5
• Called 80.0% of time when present
• Phage (with cluster) where this start called: Fryberger_113 (DP), Guey18_118 (DP), Ronaldo_115 (DP), Volt_117 (DP),

Start 6:
• Found in 5 of 5 (100.0%) of genes in pham
• Manual Annotations of this start: 1 of 5
• Called 20.0% of time when present
• Phage (with cluster) where this start called: Ziko_116 (DP),

Summary by clusters:

There is one cluster represented in this pham: DP

Info for manual annotations of cluster DP:
•Start number 5 was manually annotated 4 times for cluster DP.
•Start number 6 was manually annotated 1 time for cluster DP.

Gene Information:

Gene: Fryberger_113 Start: 54937, Stop: 55212, Start Num: 5
Candidate Starts for Fryberger_113:
(1, 54856), (2, 54868), (3, 54871), (4, 54880), (Start: 5 @54937 has 4 MA's), (Start: 6 @54964 has 1 MA's), (7, 55048), (8, 55144),

Gene: Guey18_118 Start: 56260, Stop: 56535, Start Num: 5
Candidate Starts for Guey18_118:
(1, 56179), (2, 56191), (3, 56194), (4, 56203), (Start: 5 @56260 has 4 MA's), (Start: 6 @56287 has 1 MA's), (7, 56371), (8, 56467),

Gene: Ronaldo_115 Start: 55842, Stop: 56117, Start Num: 5
Candidate Starts for Ronaldo_115:
(1, 55761), (2, 55773), (3, 55776), (4, 55785), (Start: 5 @55842 has 4 MA's), (Start: 6 @55869 has 1 MA's), (7, 55953), (8, 56049),

Gene: Volt_117 Start: 56006, Stop: 56281, Start Num: 5
Candidate Starts for Volt_117:
(1, 55925), (2, 55937), (3, 55940), (4, 55949), (Start: 5 @56006 has 4 MA's), (Start: 6 @56033 has 1 MA's), (7, 56117), (8, 56213),

Gene: Ziko_116 Start: 55875, Stop: 56123, Start Num: 6
Candidate Starts for Ziko_116:
(1, 55767), (2, 55779), (3, 55782), (4, 55791), (Start: 5 @55848 has 4 MA's), (Start: 6 @55875 has 1 MA's), (7, 55959), (8, 56055),