Pham 8668

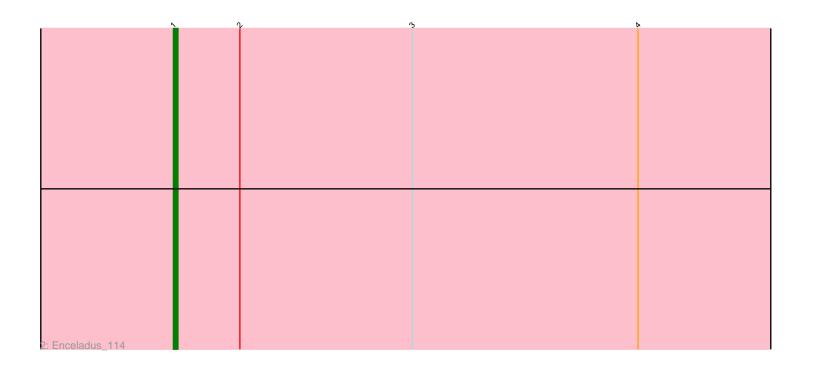1: Silverleaf_115 + 3

2: Enceladus_114

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 8668 Report

This analysis was run 07/09/24 on database version 566.

Pham number 8668 has 5 members, 0 are drafts.

Phages represented in each track:
• Track 1 : Silverleaf_115, DirkDirk_113, JoeDirt_119, Wamburgrxpress_118
• Track 2 : Enceladus_114

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

The start number called the most often in the published annotations is 2, it was called in 4 of the 5 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• DirkDirk_113, JoeDirt_119, Silverleaf_115, Wamburgrxpress_118,

Genes that have the "Most Annotated" start but do not call it:
• Enceladus_114,

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

Summary by start number:

Start 1:
• 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: Enceladus_114 (L1),

Start 2:
• 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: DirkDirk_113 (L1), JoeDirt_119 (L1), Silverleaf_115 (L1), Wamburgrxpress_118 (L1),

Summary by clusters:

There is one cluster represented in this pham: L1

Info for manual annotations of cluster L1:
•Start number 1 was manually annotated 1 time for cluster L1.
•Start number 2 was manually annotated 4 times for cluster L1.

Gene Information:
Gene: DirkDirk_113 Start: 63521, Stop: 63381, Start Num: 2
Candidate Starts for DirkDirk_113:
(Start: 1 @63536 has 1 MA's), (Start: 2 @63521 has 4 MA's), (3, 63482), (4, 63431),

Gene: Enceladus_114 Start: 63817, Stop: 63680, Start Num: 1
Candidate Starts for Enceladus_114:
(Start: 1 @63817 has 1 MA's), (Start: 2 @63802 has 4 MA's), (3, 63763), (4, 63712),

Gene: JoeDirt_119 Start: 65352, Stop: 65212, Start Num: 2
Candidate Starts for JoeDirt_119:
(Start: 1 @65367 has 1 MA's), (Start: 2 @65352 has 4 MA's), (3, 65313), (4, 65262),

Gene: Silverleaf_115 Start: 63672, Stop: 63541, Start Num: 2
Candidate Starts for Silverleaf_115:
(Start: 1 @63687 has 1 MA's), (Start: 2 @63672 has 4 MA's), (3, 63633), (4, 63582),

Gene: Wamburgrxpress_118 Start: 64744, Stop: 64613, Start Num: 2
Candidate Starts for Wamburgrxpress_118:
(Start: 1 @64759 has 1 MA's), (Start: 2 @64744 has 4 MA's), (3, 64705), (4, 64654),