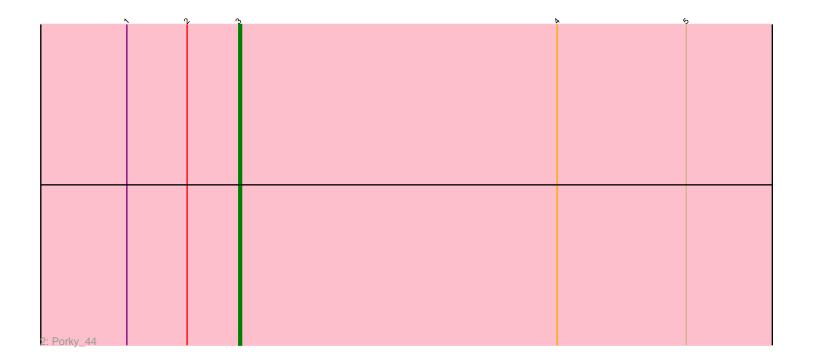# Pham 157020

1: Lilpickle_46 + 3

2: Porky_44

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 157020 Report

This analysis was run 04/12/24 on database version 558.

Pham number 157020 has 5 members, 0 are drafts.

Phages represented in each track:
• Track 1 : Lilpickle_46, Emmina_46, Elite2014_46, ChosenOne_47
• Track 2 : Porky_44

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

The start number called the most often in the published annotations is 1, it was called in 4 of the 5 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• ChosenOne_47, Elite2014_46, Emmina_46, Lilpickle_46,

Genes that have the "Most Annotated" start but do not call it:
• Porky_44,

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: 4 of 5
• Called 80.0% of time when present
• Phage (with cluster) where this start called: ChosenOne_47 (E), Elite2014_46 (E), Emmina_46 (E), Lilpickle_46 (E),

Start 3:
• 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: Porky_44 (E),

Summary by clusters:

There is one cluster represented in this pham: E

Info for manual annotations of cluster E:
•Start number 1 was manually annotated 4 times for cluster E.
•Start number 3 was manually annotated 1 time for cluster E.

Gene Information:

Gene: ChosenOne_47 Start: 35510, Stop: 35274, Start Num: 1
Candidate Starts for ChosenOne_47:
(Start: 1 @35510 has 4 MA's), (2, 35489), (Start: 3 @35471 has 1 MA's), (4, 35360), (5, 35315),

Gene: Elite2014_46 Start: 35509, Stop: 35273, Start Num: 1
Candidate Starts for Elite2014_46:
(Start: 1 @35509 has 4 MA's), (2, 35488), (Start: 3 @35470 has 1 MA's), (4, 35359), (5, 35314),

Gene: Emmina_46 Start: 35417, Stop: 35181, Start Num: 1
Candidate Starts for Emmina_46:
(Start: 1 @35417 has 4 MA's), (2, 35396), (Start: 3 @35378 has 1 MA's), (4, 35267), (5, 35222),

Gene: Lilpickle_46 Start: 35509, Stop: 35273, Start Num: 1
Candidate Starts for Lilpickle_46:
(Start: 1 @35509 has 4 MA's), (2, 35488), (Start: 3 @35470 has 1 MA's), (4, 35359), (5, 35314),

Gene: Porky_44 Start: 35386, Stop: 35189, Start Num: 3
Candidate Starts for Porky_44:
(Start: 1 @35425 has 4 MA's), (2, 35404), (Start: 3 @35386 has 1 MA's), (4, 35275), (5, 35230),