Pham 291703

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 291703 Report

This analysis was run 03/28/26 on database version 641.

Pham number 291703 has 12 members, 1 are drafts.

Phages represented in each track:
• Track 1 : KristaRAM_90, Tchotchke_84, James_92, OlympiaSaint_91, ShiLan_91, ShroomBoi_88, Mattes_88, Jarcob_91, Spoonbill_87, GUmbie_88, RockyHorror_93, Krakatau_83

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 11 of the 11 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• GUmbie_88, James_92, Jarcob_91, Krakatau_83, KristaRAM_90, Mattes_88, OlympiaSaint_91, RockyHorror_93, ShiLan_91, ShroomBoi_88, Spoonbill_87, Tchotchke_84,

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

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

Summary by start number:

Start 1:
• Found in 12 of 12 (100.0%) of genes in pham
• Manual Annotations of this start: 11 of 11
• Called 100.0% of time when present
• Phage (with cluster) where this start called: GUmbie_88 (F1), James_92 (F1), Jarcob_91 (F1), Krakatau_83 (F1), KristaRAM_90 (F1), Mattes_88 (F1), OlympiaSaint_91 (F1), RockyHorror_93 (F1), ShiLan_91 (F1), ShroomBoi_88 (F1), Spoonbill_87 (F1), Tchotchke_84 (F1),

Summary by clusters:

There is one cluster represented in this pham: F1

Info for manual annotations of cluster F1:
•Start number 1 was manually annotated 11 times for cluster F1.

Gene Information:

Gene: GUmbie_88 Start: 51105, Stop: 51233, Start Num: 1
Candidate Starts for GUmbie_88:
(Start: 1 @51105 has 11 MA's), (2, 51141), (3, 51180), (4, 51222),

Gene: James_92 Start: 52796, Stop: 52924, Start Num: 1
Candidate Starts for James_92:
(Start: 1 @52796 has 11 MA's), (2, 52832), (3, 52871), (4, 52913),

Gene: Jarcob_91 Start: 52395, Stop: 52523, Start Num: 1
Candidate Starts for Jarcob_91:
(Start: 1 @52395 has 11 MA's), (2, 52431), (3, 52470), (4, 52512),

Gene: Krakatau_83 Start: 46905, Stop: 47033, Start Num: 1
Candidate Starts for Krakatau_83:
(Start: 1 @46905 has 11 MA's), (2, 46941), (3, 46980), (4, 47022),

Gene: KristaRAM_90 Start: 50693, Stop: 50821, Start Num: 1
Candidate Starts for KristaRAM_90:
(Start: 1 @50693 has 11 MA's), (2, 50729), (3, 50768), (4, 50810),

Gene: Mattes_88 Start: 51528, Stop: 51656, Start Num: 1
Candidate Starts for Mattes_88:
(Start: 1 @51528 has 11 MA's), (2, 51564), (3, 51603), (4, 51645),

Gene: OlympiaSaint_91 Start: 51738, Stop: 51866, Start Num: 1
Candidate Starts for OlympiaSaint_91:
(Start: 1 @51738 has 11 MA's), (2, 51774), (3, 51813), (4, 51855),

Gene: RockyHorror_93 Start: 51113, Stop: 51241, Start Num: 1
Candidate Starts for RockyHorror_93:
(Start: 1 @51113 has 11 MA's), (2, 51149), (3, 51188), (4, 51230),

Gene: ShiLan_91 Start: 53251, Stop: 53379, Start Num: 1
Candidate Starts for ShiLan_91:
(Start: 1 @53251 has 11 MA's), (2, 53287), (3, 53326), (4, 53368),

Gene: ShroomBoi_88 Start: 50759, Stop: 50887, Start Num: 1
Candidate Starts for ShroomBoi_88:
(Start: 1 @50759 has 11 MA's), (2, 50795), (3, 50834), (4, 50876),

Gene: Spoonbill_87 Start: 49164, Stop: 49292, Start Num: 1
Candidate Starts for Spoonbill_87:
(Start: 1 @49164 has 11 MA's), (2, 49200), (3, 49239), (4, 49281),

Gene: Tchotchke_84 Start: 49799, Stop: 49927, Start Num: 1

Candidate Starts for Tchotchke_84:
(Start: 1 @49799 has 11 MA's), (2, 49835), (3, 49874), (4, 49916),