Pham 194412

1: Inked_71

2: StarLord_68 + 13

3: Sporto_67

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 194412 Report

This analysis was run 11/02/24 on database version 579.

Pham number 194412 has 16 members, 1 are drafts.

Phages represented in each track:
• Track 1 : Inked_71
• Track 2 : StarLord_68, Egad_68, Linda_68, Salk_68, Michelle_68, ProfFrink_68, Raunak_69, DoctorPepper_67, Shiba_67, Djungelskog_67, Stayer_68, MrAaronian_68, Sloopyjoe_68, BronxBay_68
• Track 3 : Sporto_67

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 15 of the 15 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• BronxBay_68, Djungelskog_67, DoctorPepper_67, Egad_68, Inked_71, Linda_68, Michelle_68, MrAaronian_68, ProfFrink_68, Raunak_69, Salk_68, Shiba_67, Sloopyjoe_68, Sporto_67, StarLord_68, Stayer_68,

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 2:
• Found in 16 of 16 (100.0%) of genes in pham
• Manual Annotations of this start: 15 of 15
• Called 100.0% of time when present
• Phage (with cluster) where this start called: BronxBay_68 (AW), Djungelskog_67 (AW), DoctorPepper_67 (AW), Egad_68 (AW), Inked_71 (AU), Linda_68 (AW), Michelle_68 (AW), MrAaronian_68 (AW), ProfFrink_68 (AW), Raunak_69 (AW), Salk_68 (AW), Shiba_67 (AW), Sloopyjoe_68 (AW), Sporto_67 (AW), StarLord_68 (AW), Stayer_68 (AW),

Summary by clusters:

There are 2 clusters represented in this pham: AU, AW,

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

Info for manual annotations of cluster AW:
•Start number 2 was manually annotated 14 times for cluster AW.

Gene Information:
Gene: BronxBay_68 Start: 43961, Stop: 44290, Start Num: 2
Candidate Starts for BronxBay_68:
(Start: 2 @43961 has 15 MA's), (6, 44105), (7, 44126), (9, 44249),

Gene: Djungelskog_67 Start: 43963, Stop: 44292, Start Num: 2
Candidate Starts for Djungelskog_67:
(Start: 2 @43963 has 15 MA's), (6, 44107), (7, 44128), (9, 44251),

Gene: DoctorPepper_67 Start: 43665, Stop: 43994, Start Num: 2
Candidate Starts for DoctorPepper_67:
(Start: 2 @43665 has 15 MA's), (6, 43809), (7, 43830), (9, 43953),

Gene: Egad_68 Start: 43939, Stop: 44268, Start Num: 2
Candidate Starts for Egad_68:
(Start: 2 @43939 has 15 MA's), (6, 44083), (7, 44104), (9, 44227),

Gene: Inked_71 Start: 46836, Stop: 47096, Start Num: 2
Candidate Starts for Inked_71:
(Start: 2 @46836 has 15 MA's), (3, 46902), (4, 46911), (5, 46944), (8, 47016),

Gene: Linda_68 Start: 43958, Stop: 44287, Start Num: 2
Candidate Starts for Linda_68:
(Start: 2 @43958 has 15 MA's), (6, 44102), (7, 44123), (9, 44246),

Gene: Michelle_68 Start: 43960, Stop: 44289, Start Num: 2
Candidate Starts for Michelle_68:
(Start: 2 @43960 has 15 MA's), (6, 44104), (7, 44125), (9, 44248),

Gene: MrAaronian_68 Start: 43960, Stop: 44289, Start Num: 2
Candidate Starts for MrAaronian_68:
(Start: 2 @43960 has 15 MA's), (6, 44104), (7, 44125), (9, 44248),

Gene: ProfFrink_68 Start: 43938, Stop: 44267, Start Num: 2
Candidate Starts for ProfFrink_68:
(Start: 2 @43938 has 15 MA's), (6, 44082), (7, 44103), (9, 44226),

Gene: Raunak_69 Start: 43600, Stop: 43929, Start Num: 2
Candidate Starts for Raunak_69:
(Start: 2 @43600 has 15 MA's), (6, 43744), (7, 43765), (9, 43888),

Gene: Salk_68 Start: 43958, Stop: 44287, Start Num: 2
Candidate Starts for Salk_68:
(Start: 2 @43958 has 15 MA's), (6, 44102), (7, 44123), (9, 44246),

Gene: Shiba_67 Start: 43616, Stop: 43945, Start Num: 2
Candidate Starts for Shiba_67:
(Start: 2 @43616 has 15 MA's), (6, 43760), (7, 43781), (9, 43904),

Gene: Sloopyjoe_68 Start: 43962, Stop: 44291, Start Num: 2
Candidate Starts for Sloopyjoe_68:
(Start: 2 @43962 has 15 MA's), (6, 44106), (7, 44127), (9, 44250),

Gene: Sporto_67 Start: 45047, Stop: 45376, Start Num: 2
Candidate Starts for Sporto_67:
(1, 44933), (Start: 2 @45047 has 15 MA's), (6, 45191),

Gene: StarLord_68 Start: 43955, Stop: 44284, Start Num: 2
Candidate Starts for StarLord_68:
(Start: 2 @43955 has 15 MA's), (6, 44099), (7, 44120), (9, 44243),

Gene: Stayer_68 Start: 43958, Stop: 44287, Start Num: 2
Candidate Starts for Stayer_68:
(Start: 2 @43958 has 15 MA's), (6, 44102), (7, 44123), (9, 44246),