Pham 203483

1: Salk_61 + 12

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 203483 Report

This analysis was run 01/18/25 on database version 583.

Pham number 203483 has 13 members, 0 are drafts.

Phages represented in each track:
• Track 1 : Salk_61, StarLord_61, BronxBay_61, Egad_61, Stayer_61, Shiba_60, MrAaronian_61, DoctorPepper_60, Sloopyjoe_61, ProfFrink_61, Linda_61, Michelle_61, Djungelskog_60

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 13 of the 13 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• BronxBay_61, Djungelskog_60, DoctorPepper_60, Egad_61, Linda_61, Michelle_61, MrAaronian_61, ProfFrink_61, Salk_61, Shiba_60, Sloopyjoe_61, StarLord_61, Stayer_61,

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 13 of 13 (100.0%) of genes in pham
• Manual Annotations of this start: 13 of 13
• Called 100.0% of time when present
• Phage (with cluster) where this start called: BronxBay_61 (AW), Djungelskog_60 (AW), DoctorPepper_60 (AW), Egad_61 (AW), Linda_61 (AW), Michelle_61 (AW), MrAaronian_61 (AW), ProfFrink_61 (AW), Salk_61 (AW), Shiba_60 (AW), Sloopyjoe_61 (AW), StarLord_61 (AW), Stayer_61 (AW),

Summary by clusters:

There is one cluster represented in this pham: AW

Info for manual annotations of cluster AW:
•Start number 2 was manually annotated 13 times for cluster AW.

Gene Information:

Gene: BronxBay_61 Start: 41144, Stop: 41377, Start Num: 2
Candidate Starts for BronxBay_61:
(1, 41090), (Start: 2 @41144 has 13 MA's), (3, 41171), (4, 41174),

Gene: Djungelskog_60 Start: 41143, Stop: 41376, Start Num: 2
Candidate Starts for Djungelskog_60:
(1, 41089), (Start: 2 @41143 has 13 MA's), (3, 41170), (4, 41173),

Gene: DoctorPepper_60 Start: 40848, Stop: 41081, Start Num: 2
Candidate Starts for DoctorPepper_60:
(1, 40794), (Start: 2 @40848 has 13 MA's), (3, 40875), (4, 40878),

Gene: Egad_61 Start: 41145, Stop: 41378, Start Num: 2
Candidate Starts for Egad_61:
(1, 41091), (Start: 2 @41145 has 13 MA's), (3, 41172), (4, 41175),

Gene: Linda_61 Start: 41141, Stop: 41374, Start Num: 2
Candidate Starts for Linda_61:
(1, 41087), (Start: 2 @41141 has 13 MA's), (3, 41168), (4, 41171),

Gene: Michelle_61 Start: 41143, Stop: 41376, Start Num: 2
Candidate Starts for Michelle_61:
(1, 41089), (Start: 2 @41143 has 13 MA's), (3, 41170), (4, 41173),

Gene: MrAaronian_61 Start: 41143, Stop: 41376, Start Num: 2
Candidate Starts for MrAaronian_61:
(1, 41089), (Start: 2 @41143 has 13 MA's), (3, 41170), (4, 41173),

Gene: ProfFrink_61 Start: 41144, Stop: 41377, Start Num: 2
Candidate Starts for ProfFrink_61:
(1, 41090), (Start: 2 @41144 has 13 MA's), (3, 41171), (4, 41174),

Gene: Salk_61 Start: 41141, Stop: 41374, Start Num: 2
Candidate Starts for Salk_61:
(1, 41087), (Start: 2 @41141 has 13 MA's), (3, 41168), (4, 41171),

Gene: Shiba_60 Start: 40841, Stop: 41074, Start Num: 2
Candidate Starts for Shiba_60:
(1, 40787), (Start: 2 @40841 has 13 MA's), (3, 40868), (4, 40871),

Gene: Sloopyjoe_61 Start: 41145, Stop: 41378, Start Num: 2
Candidate Starts for Sloopyjoe_61:
(1, 41091), (Start: 2 @41145 has 13 MA's), (3, 41172), (4, 41175),

Gene: StarLord_61 Start: 41144, Stop: 41377, Start Num: 2

Candidate Starts for StarLord_61:
(1, 41090), (Start: 2 @41144 has 13 MA's), (3, 41171), (4, 41174),

Gene: Stayer_61 Start: 41141, Stop: 41374, Start Num: 2
Candidate Starts for Stayer_61:
(1, 41087), (Start: 2 @41141 has 13 MA's), (3, 41168), (4, 41171),