Pham 2882

1: Hyzer_13

2: TimTam_13 + 28

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 2882 Report

This analysis was run 04/05/24 on database version 557.

Pham number 2882 has 30 members, 3 are drafts.

Phages represented in each track:
• Track 1 : Hyzer_13
• Track 2 : TimTam_13, Tayonia_13, Zirinka_13, Bosnia_13, Neobush_13, Hugley_13, Ohgeesy_13, Mcklovin_14, Antonio_13, Herod_13, Zameen_13, PantheRoc_12, Eviarto_13, Bialota_13, Manasvini_13, Agueybana_13, BatStarr_13, BaxterFox_86, Kita_13, Suscepit_13, Maridalia_13, Polly_13, Sidious_13, AlumE_13, Madeline_13, Eudoria_13, BoyNamedSue_13, Nymphadora_13, Trumpet_13

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 27 of the 27 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Agueybana_13, AlumE_13, Antonio_13, BatStarr_13, BaxterFox_86, Bialota_13, Bosnia_13, BoyNamedSue_13, Eudoria_13, Eviarto_13, Herod_13, Hugley_13, Hyzer_13, Kita_13, Madeline_13, Manasvini_13, Maridalia_13, Mcklovin_14, Neobush_13, Nymphadora_13, Ohgeesy_13, PantheRoc_12, Polly_13, Sidious_13, Suscepit_13, Tayonia_13, TimTam_13, Trumpet_13, Zameen_13, Zirinka_13,

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 30 of 30 (100.0%) of genes in pham
• Manual Annotations of this start: 27 of 27
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Agueybana_13 (CZ1), AlumE_13 (CZ1), Antonio_13 (CZ1), BatStarr_13 (CZ1), BaxterFox_86 (CZ3), Bialota_13 (CZ1), Bosnia_13 (CZ1), BoyNamedSue_13 (CZ1), Eudoria_13 (CZ1), Eviarto_13 (CZ1),

Herod_13 (CZ1), Hugley_13 (CZ1), Hyzer_13 (CZ1), Kita_13 (CZ1), Madeline_13 (CZ1), Manasvini_13 (CZ1), Maridalia_13 (CZ1), Mcklovin_14 (CZ4), Neobush_13 (CZ1), Nymphadora_13 (CZ1), Ohgeesy_13 (CZ), PantheRoc_12 (CZ3), Polly_13 (CZ1), Sidious_13 (CZ7), Suscepit_13 (CZ1), Tayonia_13 (CZ1), TimTam_13 (CZ1), Trumpet_13 (CZ1), Zameen_13 (CZ1), Zirinka_13 (CZ1),

Summary by clusters:

There are 5 clusters represented in this pham: CZ, CZ1, CZ7, CZ4, CZ3,

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

Info for manual annotations of cluster CZ1:
•Start number 1 was manually annotated 23 times for cluster CZ1.

Info for manual annotations of cluster CZ3:
•Start number 1 was manually annotated 1 time for cluster CZ3.

Info for manual annotations of cluster CZ4:
•Start number 1 was manually annotated 1 time for cluster CZ4.

Info for manual annotations of cluster CZ7:
•Start number 1 was manually annotated 1 time for cluster CZ7.

Gene Information:
Gene: Agueybana_13 Start: 9050, Stop: 9223, Start Num: 1
Candidate Starts for Agueybana_13:
(Start: 1 @9050 has 27 MA's), (3, 9167),

Gene: AlumE_13 Start: 9049, Stop: 9222, Start Num: 1
Candidate Starts for AlumE_13:
(Start: 1 @9049 has 27 MA's), (3, 9166),

Gene: Antonio_13 Start: 9049, Stop: 9222, Start Num: 1
Candidate Starts for Antonio_13:
(Start: 1 @9049 has 27 MA's), (3, 9166),

Gene: BatStarr_13 Start: 9049, Stop: 9222, Start Num: 1
Candidate Starts for BatStarr_13:
(Start: 1 @9049 has 27 MA's), (3, 9166),

Gene: BaxterFox_86 Start: 8397, Stop: 8570, Start Num: 1
Candidate Starts for BaxterFox_86:
(Start: 1 @8397 has 27 MA's), (3, 8514),

Gene: Bialota_13 Start: 9049, Stop: 9222, Start Num: 1
Candidate Starts for Bialota_13:
(Start: 1 @9049 has 27 MA's), (3, 9166),

Gene: Bosnia_13 Start: 9049, Stop: 9222, Start Num: 1
Candidate Starts for Bosnia_13:
(Start: 1 @9049 has 27 MA's), (3, 9166),

Gene: BoyNamedSue_13 Start: 9049, Stop: 9222, Start Num: 1
Candidate Starts for BoyNamedSue_13:
(Start: 1 @9049 has 27 MA's), (3, 9166),

Gene: Eudoria_13 Start: 9049, Stop: 9222, Start Num: 1
Candidate Starts for Eudoria_13:
(Start: 1 @9049 has 27 MA's), (3, 9166),

Gene: Eviarto_13 Start: 9049, Stop: 9222, Start Num: 1
Candidate Starts for Eviarto_13:
(Start: 1 @9049 has 27 MA's), (3, 9166),

Gene: Herod_13 Start: 9049, Stop: 9222, Start Num: 1
Candidate Starts for Herod_13:
(Start: 1 @9049 has 27 MA's), (3, 9166),

Gene: Hugley_13 Start: 9049, Stop: 9222, Start Num: 1
Candidate Starts for Hugley_13:
(Start: 1 @9049 has 27 MA's), (3, 9166),

Gene: Hyzer_13 Start: 9050, Stop: 9223, Start Num: 1
Candidate Starts for Hyzer_13:
(Start: 1 @9050 has 27 MA's), (2, 9110),

Gene: Kita_13 Start: 9049, Stop: 9222, Start Num: 1
Candidate Starts for Kita_13:
(Start: 1 @9049 has 27 MA's), (3, 9166),

Gene: Madeline_13 Start: 9050, Stop: 9223, Start Num: 1
Candidate Starts for Madeline_13:
(Start: 1 @9050 has 27 MA's), (3, 9167),

Gene: Manasvini_13 Start: 9049, Stop: 9222, Start Num: 1
Candidate Starts for Manasvini_13:
(Start: 1 @9049 has 27 MA's), (3, 9166),

Gene: Maridalia_13 Start: 9049, Stop: 9222, Start Num: 1
Candidate Starts for Maridalia_13:
(Start: 1 @9049 has 27 MA's), (3, 9166),

Gene: Mcklovin_14 Start: 9510, Stop: 9683, Start Num: 1
Candidate Starts for Mcklovin_14:
(Start: 1 @9510 has 27 MA's), (3, 9627),

Gene: Neobush_13 Start: 9049, Stop: 9222, Start Num: 1
Candidate Starts for Neobush_13:
(Start: 1 @9049 has 27 MA's), (3, 9166),

Gene: Nymphadora_13 Start: 9049, Stop: 9222, Start Num: 1

Candidate Starts for Nymphadora_13:
(Start: 1 @9049 has 27 MA's), (3, 9166),

Gene: Ohgeesy_13 Start: 8397, Stop: 8570, Start Num: 1
Candidate Starts for Ohgeesy_13:
(Start: 1 @8397 has 27 MA's), (3, 8514),

Gene: PantheRoc_12 Start: 8397, Stop: 8570, Start Num: 1
Candidate Starts for PantheRoc_12:
(Start: 1 @8397 has 27 MA's), (3, 8514),

Gene: Polly_13 Start: 9049, Stop: 9222, Start Num: 1
Candidate Starts for Polly_13:
(Start: 1 @9049 has 27 MA's), (3, 9166),

Gene: Sidious_13 Start: 8395, Stop: 8568, Start Num: 1
Candidate Starts for Sidious_13:
(Start: 1 @8395 has 27 MA's), (3, 8512),

Gene: Suscepit_13 Start: 9049, Stop: 9222, Start Num: 1
Candidate Starts for Suscepit_13:
(Start: 1 @9049 has 27 MA's), (3, 9166),

Gene: Tayonia_13 Start: 9049, Stop: 9222, Start Num: 1
Candidate Starts for Tayonia_13:
(Start: 1 @9049 has 27 MA's), (3, 9166),

Gene: TimTam_13 Start: 9049, Stop: 9222, Start Num: 1
Candidate Starts for TimTam_13:
(Start: 1 @9049 has 27 MA's), (3, 9166),

Gene: Trumpet_13 Start: 9049, Stop: 9222, Start Num: 1
Candidate Starts for Trumpet_13:
(Start: 1 @9049 has 27 MA's), (3, 9166),

Gene: Zameen_13 Start: 9049, Stop: 9222, Start Num: 1
Candidate Starts for Zameen_13:
(Start: 1 @9049 has 27 MA's), (3, 9166),

Gene: Zirinka_13 Start: 9049, Stop: 9222, Start Num: 1
Candidate Starts for Zirinka_13:
(Start: 1 @9049 has 27 MA's), (3, 9166),