Pham 7830

1: Jasmine_16 + 1

2: Brad_14 + 3

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 7830 Report

This analysis was run 04/28/24 on database version 559.

Pham number 7830 has 6 members, 0 are drafts.

Phages represented in each track:
• Track 1 : Jasmine_16, Casserole_14
• Track 2 : Brad_14, Adat_14, Nellie_14, GurgleFerb_14

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 6 of the 6 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Adat_14, Brad_14, Casserole_14, GurgleFerb_14, Jasmine_16, Nellie_14,

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 6 of 6 (100.0%) of genes in pham
• Manual Annotations of this start: 6 of 6
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Adat_14 (AV), Brad_14 (AV), Casserole_14 (AV), GurgleFerb_14 (AV), Jasmine_16 (AV), Nellie_14 (AV),

Summary by clusters:

There is one cluster represented in this pham: AV

Info for manual annotations of cluster AV:
•Start number 1 was manually annotated 6 times for cluster AV.

Gene Information:

Gene: Adat_14 Start: 9558, Stop: 10406, Start Num: 1
Candidate Starts for Adat_14:
(Start: 1 @9558 has 6 MA's), (2, 9618), (3, 9723), (5, 9843), (6, 10071), (7, 10122), (8, 10218), (9, 10248), (10, 10344), (11, 10371),

Gene: Brad_14 Start: 9556, Stop: 10404, Start Num: 1
Candidate Starts for Brad_14:
(Start: 1 @9556 has 6 MA's), (2, 9616), (3, 9721), (5, 9841), (6, 10069), (7, 10120), (8, 10216), (9, 10246), (10, 10342), (11, 10369),

Gene: Casserole_14 Start: 9622, Stop: 10470, Start Num: 1
Candidate Starts for Casserole_14:
(Start: 1 @9622 has 6 MA's), (2, 9682), (3, 9787), (4, 9901), (5, 9907), (6, 10135), (7, 10186), (8, 10282), (9, 10312), (10, 10408),

Gene: GurgleFerb_14 Start: 9557, Stop: 10405, Start Num: 1
Candidate Starts for GurgleFerb_14:
(Start: 1 @9557 has 6 MA's), (2, 9617), (3, 9722), (5, 9842), (6, 10070), (7, 10121), (8, 10217), (9, 10247), (10, 10343), (11, 10370),

Gene: Jasmine_16 Start: 9643, Stop: 10491, Start Num: 1
Candidate Starts for Jasmine_16:
(Start: 1 @9643 has 6 MA's), (2, 9703), (3, 9808), (4, 9922), (5, 9928), (6, 10156), (7, 10207), (8, 10303), (9, 10333), (10, 10429),

Gene: Nellie_14 Start: 9558, Stop: 10406, Start Num: 1
Candidate Starts for Nellie_14:
(Start: 1 @9558 has 6 MA's), (2, 9618), (3, 9723), (5, 9843), (6, 10071), (7, 10122), (8, 10218), (9, 10248), (10, 10344), (11, 10371),