Pham 297356

2
1: Nedarya_44
2
3
4
9
2: EagleEye_47 + 2
1
2
4
6
7
8
10
12
3: Adzzy_47
2
4
5
6
7
8
10
12
4: Koduck_46
1
2
4
5
6
10
11
12
5: Ph8s_47

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 297356 Report

This analysis was run 04/25/26 on database version 644.

Pham number 297356 has 7 members, 0 are drafts.

Phages represented in each track:
• Track 1 : Nedarya_44
• Track 2 : EagleEye_47, Lucyedi_46, PainterBoy_46
• Track 3 : Adzzy_47
• Track 4 : Koduck_46
• Track 5 : Ph8s_47

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 7 of the 7 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Adzzy_47, EagleEye_47, Koduck_46, Lucyedi_46, Nedarya_44, PainterBoy_46, Ph8s_47,

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 7 of 7 (100.0%) of genes in pham
• Manual Annotations of this start: 7 of 7
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Adzzy_47 (A2), EagleEye_47 (A16), Koduck_46 (A2), Lucyedi_46 (A16), Nedarya_44 (A15), PainterBoy_46 (A16), Ph8s_47 (A2),

Summary by clusters:

There are 3 clusters represented in this pham: A15, A16, A2,

Info for manual annotations of cluster A15:
•Start number 2 was manually annotated 1 time for cluster A15.

Info for manual annotations of cluster A16:
•Start number 2 was manually annotated 3 times for cluster A16.

Info for manual annotations of cluster A2:
•Start number 2 was manually annotated 3 times for cluster A2.

Gene Information:

Gene: Adzzy_47 Start: 30308, Stop: 30099, Start Num: 2
Candidate Starts for Adzzy_47:
(1, 30443), (Start: 2 @30308 has 7 MA's), (4, 30227), (6, 30212), (7, 30191), (8, 30161), (10, 30155), (12, 30107),

Gene: EagleEye_47 Start: 30973, Stop: 30788, Start Num: 2
Candidate Starts for EagleEye_47:
(Start: 2 @30973 has 7 MA's), (3, 30916), (4, 30892), (9, 30823),

Gene: Koduck_46 Start: 30554, Stop: 30345, Start Num: 2
Candidate Starts for Koduck_46:
(Start: 2 @30554 has 7 MA's), (4, 30473), (5, 30467), (6, 30458), (7, 30437), (8, 30407), (10, 30401), (12, 30353),

Gene: Lucyedi_46 Start: 31168, Stop: 30983, Start Num: 2
Candidate Starts for Lucyedi_46:
(Start: 2 @31168 has 7 MA's), (3, 31111), (4, 31087), (9, 31018),

Gene: Nedarya_44 Start: 29716, Stop: 29513, Start Num: 2
Candidate Starts for Nedarya_44:
(Start: 2 @29716 has 7 MA's),

Gene: PainterBoy_46 Start: 31104, Stop: 30919, Start Num: 2
Candidate Starts for PainterBoy_46:
(Start: 2 @31104 has 7 MA's), (3, 31047), (4, 31023), (9, 30954),

Gene: Ph8s_47 Start: 30743, Stop: 30534, Start Num: 2
Candidate Starts for Ph8s_47:
(1, 30878), (Start: 2 @30743 has 7 MA's), (4, 30662), (5, 30656), (6, 30647), (10, 30590), (11, 30560), (12, 30542),