Pham 348334


1
4
12
16
17
1: Peregrin_37 + 1
2
3
4
6
2: Weasels2_39
3
10
11
13
14
3: NiceHouse_35
3
5
6
8
9
15
16
4: Trina_39
3
5: Dorin_25 + 1
3
7
6: Nova53_22

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 348334 Report

This analysis was run 11/14/26 on database version 672.

Pham number 348334 has 8 members, 0 are drafts.

Phages represented in each track:
• Track 1 : Peregrin_37, Grayson_39
• Track 2 : Weasels2_39
• Track 3 : NiceHouse_35
• Track 4 : Trina_39
• Track 5 : Dorin_25, Francesca_24
• Track 6 : Nova53_22

Summary of Final Annotations (See graph section above for start numbers):

The start number called the most often in the published annotations is 3, it was called in 6 of the 8 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Dorin_25, Francesca_24, NiceHouse_35, Nova53_22, Trina_39, Weasels2_39,

Genes that have the "Most Annotated" start but do not call it:
•

Genes that do not have the "Most Annotated" start:
• Grayson_39, Peregrin_37,

Summary by start number:

Start 1:
• Found in 2 of 8 (25.0%) of genes in pham
• Manual Annotations of this start: 2 of 8
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Grayson_39 (CB), Peregrin_37 (CB),

Start 3:
• Found in 6 of 8 (75.0%) of genes in pham
• Manual Annotations of this start: 6 of 8
• Called 100.0% of time when present

• Phage (with cluster) where this start called: Dorin_25 (CG), Francesca_24 (CG), NiceHouse_35 (CE), Nova53_22 (CG), Trina_39 (CE), Weasels2_39 (CB),

Summary by clusters:

There are 3 clusters represented in this pham: CB, CG, CE,

Info for manual annotations of cluster CB:
•Start number 1 was manually annotated 2 times for cluster CB.
•Start number 3 was manually annotated 1 time for cluster CB.

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

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

Gene Information:

Gene: Dorin_25 Start: 9720, Stop: 9547, Start Num: 3
Candidate Starts for Dorin_25:
(Start: 3 @9720 has 6 MA's),

Gene: Francesca_24 Start: 9842, Stop: 9669, Start Num: 3
Candidate Starts for Francesca_24:
(Start: 3 @9842 has 6 MA's),

Gene: Grayson_39 Start: 11519, Stop: 11334, Start Num: 1
Candidate Starts for Grayson_39:
(Start: 1 @11519 has 2 MA's), (4, 11504), (12, 11381), (16, 11360), (17, 11357),

Gene: NiceHouse_35 Start: 14117, Stop: 13926, Start Num: 3
Candidate Starts for NiceHouse_35:
(Start: 3 @14117 has 6 MA's), (10, 13997), (11, 13988), (13, 13970), (14, 13967),

Gene: Nova53_22 Start: 9523, Stop: 9350, Start Num: 3
Candidate Starts for Nova53_22:
(Start: 3 @9523 has 6 MA's), (7, 9484),

Gene: Peregrin_37 Start: 10833, Stop: 10648, Start Num: 1
Candidate Starts for Peregrin_37:
(Start: 1 @10833 has 2 MA's), (4, 10818), (12, 10695), (16, 10674), (17, 10671),

Gene: Trina_39 Start: 13715, Stop: 13527, Start Num: 3
Candidate Starts for Trina_39:
(Start: 3 @13715 has 6 MA's), (5, 13697), (6, 13679), (8, 13658), (9, 13652), (15, 13559), (16, 13553),

Gene: Weasels2_39 Start: 11865, Stop: 11680, Start Num: 3
Candidate Starts for Weasels2_39:
(2, 11871), (Start: 3 @11865 has 6 MA's), (4, 11853), (6, 11826),