Pham 348370


11
13
16
18
22
31
32
34
35
1: Yeezy_62
7
8
11
13
16
17
23
25
27
29
30
2: PhriskyACE_58
1
2
3
4
6
12
14
16
18
22
28
31
34
36
3: Sidious_61
11
13
16
17
19
21
31
33
4: RavenCo17_59
9
10
15
20
24
26
31
33
5: DonkeyMan_51
9
10
15
24
26
31
33
6: Tarzan_51

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 348370 Report

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

Pham number 348370 has 6 members, 0 are drafts.

Phages represented in each track:
• Track 1 : Yeezy_62
• Track 2 : PhriskyACE_58
• Track 3 : Sidious_61
• Track 4 : RavenCo17_59
• Track 5 : DonkeyMan_51
• Track 6 : Tarzan_51

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

The start number called the most often in the published annotations is 11, it was called in 3 of the 6 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• PhriskyACE_58, RavenCo17_59, Yeezy_62,

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

Genes that do not have the "Most Annotated" start:
• DonkeyMan_51, Sidious_61, Tarzan_51,

Summary by start number:

Start 9:
• Found in 2 of 6 (33.3%) of genes in pham
• Manual Annotations of this start: 2 of 6
• Called 100.0% of time when present
• Phage (with cluster) where this start called: DonkeyMan_51 (DY), Tarzan_51 (DY),

Start 11:
• Found in 3 of 6 (50.0%) of genes in pham
• Manual Annotations of this start: 3 of 6
• Called 100.0% of time when present

• Phage (with cluster) where this start called: PhriskyACE_58 (CZ4), RavenCo17_59 (CZ8), Yeezy_62 (CZ3),

Start 12:
• Found in 1 of 6 (16.7%) of genes in pham
• Manual Annotations of this start: 1 of 6
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Sidious_61 (CZ7),

Summary by clusters:

There are 5 clusters represented in this pham: CZ3, CZ8, CZ7, CZ4, DY,

Info for manual annotations of cluster CZ3:
•Start number 11 was manually annotated 1 time for cluster CZ3.

Info for manual annotations of cluster CZ4:
•Start number 11 was manually annotated 1 time for cluster CZ4.

Info for manual annotations of cluster CZ7:
•Start number 12 was manually annotated 1 time for cluster CZ7.

Info for manual annotations of cluster CZ8:
•Start number 11 was manually annotated 1 time for cluster CZ8.

Info for manual annotations of cluster DY:
•Start number 9 was manually annotated 2 times for cluster DY.

Gene Information:

Gene: DonkeyMan_51 Start: 34129, Stop: 34614, Start Num: 9
Candidate Starts for DonkeyMan_51:
(Start: 9 @34129 has 2 MA's), (10, 34141), (15, 34237), (20, 34351), (24, 34426), (26, 34438), (31, 34516), (33, 34537),

Gene: PhriskyACE_58 Start: 40589, Stop: 40981, Start Num: 11
Candidate Starts for PhriskyACE_58:
(7, 40403), (8, 40535), (Start: 11 @40589 has 3 MA's), (13, 40601), (16, 40703), (17, 40745), (23, 40862), (25, 40874), (27, 40883), (29, 40901), (30, 40925),

Gene: RavenCo17_59 Start: 42392, Stop: 42841, Start Num: 11
Candidate Starts for RavenCo17_59:
(Start: 11 @42392 has 3 MA's), (13, 42404), (16, 42506), (17, 42548), (19, 42590), (21, 42608), (31, 42743), (33, 42764),

Gene: Sidious_61 Start: 43186, Stop: 43737, Start Num: 12
Candidate Starts for Sidious_61:
(1, 42736), (2, 42787), (3, 42808), (4, 42871), (5, 42976), (6, 42979), (Start: 12 @43186 has 1 MA's), (14, 43195), (16, 43294), (18, 43348), (22, 43450), (28, 43489), (31, 43558), (34, 43630), (36, 43702),

Gene: Tarzan_51 Start: 33384, Stop: 33869, Start Num: 9

Candidate Starts for Tarzan_51:
(Start: 9 @33384 has 2 MA's), (10, 33396), (15, 33492), (24, 33681), (26, 33693), (31, 33771), (33, 33792),

Gene: Yeezy_62 Start: 41341, Stop: 41898, Start Num: 11
Candidate Starts for Yeezy_62:
(Start: 11 @41341 has 3 MA's), (13, 41353), (16, 41455), (18, 41509), (22, 41611), (31, 41719), (32, 41740), (34, 41791), (35, 41833),