Pham 346365


4
10
11
12
14
17
19
26
27
28
32
1: Odyssey395_62
4
10
11
14
17
19
26
27
28
32
2: Pureglobe5_61
1
2
3
7
8
9
14
17
19
27
28
33
34
3: BruhMoment_51
5
6
13
20
21
28
4: AbbyDaisy_62
13
20
23
24
25
5: CosmicBrownie_57 + 4
15
20
24
30
6: Vopal_50
13
16
18
22
28
29
31
7: Rooter_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 346365 Report

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

Pham number 346365 has 11 members, 3 are drafts.

Phages represented in each track:
• Track 1 : Odyssey395_62
• Track 2 : Pureglobe5_61
• Track 3 : BruhMoment_51
• Track 4 : AbbyDaisy_62
• Track 5 : CosmicBrownie_57, DarwinJr_65, Nyilah_62, Tiff81_57, Crescenzo_63
• Track 6 : Vopal_50
• Track 7 : Rooter_47

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

The start number called the most often in the published annotations is 13, it was called in 5 of the 8 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• AbbyDaisy_62, CosmicBrownie_57, Crescenzo_63, DarwinJr_65, Nyilah_62, Rooter_47, Tiff81_57,

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

Genes that do not have the "Most Annotated" start:
• BruhMoment_51, Odyssey395_62, Pureglobe5_61, Vopal_50,

Summary by start number:

Start 13:
• Found in 7 of 11 (63.6%) of genes in pham
• Manual Annotations of this start: 5 of 8
• Called 100.0% of time when present
• Phage (with cluster) where this start called: AbbyDaisy_62 (AY), CosmicBrownie_57 (AY), Crescenzo_63 (AY), DarwinJr_65 (AY), Nyilah_62 (AY), Rooter_47 (FB), Tiff81_57 (AY),

Start 14:

• Found in 3 of 11 (27.3%) of genes in pham
• Manual Annotations of this start: 3 of 8
• Called 100.0% of time when present
• Phage (with cluster) where this start called: BruhMoment_51 (AP3), Odyssey395_62 (AP2), Pureglobe5_61 (AP2),

Start 15:
• Found in 1 of 11 (9.1%) of genes in pham
• No Manual Annotations of this start.
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Vopal_50 (AY),

Summary by clusters:

There are 4 clusters represented in this pham: AP2, AY, FB, AP3,

Info for manual annotations of cluster AP2:
•Start number 14 was manually annotated 2 times for cluster AP2.

Info for manual annotations of cluster AP3:
•Start number 14 was manually annotated 1 time for cluster AP3.

Info for manual annotations of cluster AY:
•Start number 13 was manually annotated 4 times for cluster AY.

Info for manual annotations of cluster FB:
•Start number 13 was manually annotated 1 time for cluster FB.

Gene Information:

Gene: AbbyDaisy_62 Start: 34804, Stop: 35130, Start Num: 13
Candidate Starts for AbbyDaisy_62:
(5, 34639), (6, 34651), (Start: 13 @34804 has 5 MA's), (20, 34915), (21, 34957), (28, 35053),

Gene: BruhMoment_51 Start: 40233, Stop: 39910, Start Num: 14
Candidate Starts for BruhMoment_51:
(1, 40488), (2, 40485), (3, 40473), (7, 40398), (8, 40353), (9, 40290), (Start: 14 @40233 has 3 MA's), (17, 40221), (19, 40155), (27, 40014), (28, 40005), (33, 39939), (34, 39930),

Gene: CosmicBrownie_57 Start: 32782, Stop: 33138, Start Num: 13
Candidate Starts for CosmicBrownie_57:
(Start: 13 @32782 has 5 MA's), (20, 32896), (23, 32971), (24, 32974), (25, 32977),

Gene: Crescenzo_63 Start: 35523, Stop: 35879, Start Num: 13
Candidate Starts for Crescenzo_63:
(Start: 13 @35523 has 5 MA's), (20, 35637), (23, 35712), (24, 35715), (25, 35718),

Gene: DarwinJr_65 Start: 35478, Stop: 35834, Start Num: 13
Candidate Starts for DarwinJr_65:
(Start: 13 @35478 has 5 MA's), (20, 35592), (23, 35667), (24, 35670), (25, 35673),

Gene: Nyilah_62 Start: 32938, Stop: 33294, Start Num: 13
Candidate Starts for Nyilah_62:
(Start: 13 @32938 has 5 MA's), (20, 33052), (23, 33127), (24, 33130), (25, 33133),

Gene: Odyssey395_62 Start: 40919, Stop: 40599, Start Num: 14
Candidate Starts for Odyssey395_62:
(4, 41096), (10, 40964), (11, 40961), (12, 40949), (Start: 14 @40919 has 3 MA's), (17, 40907), (19, 40841), (26, 40721), (27, 40700), (28, 40691), (32, 40640),

Gene: Pureglobe5_61 Start: 41166, Stop: 40846, Start Num: 14
Candidate Starts for Pureglobe5_61:
(4, 41343), (10, 41211), (11, 41208), (Start: 14 @41166 has 3 MA's), (17, 41154), (19, 41088), (26, 40968), (27, 40947), (28, 40938), (32, 40887),

Gene: Rooter_47 Start: 28215, Stop: 28556, Start Num: 13
Candidate Starts for Rooter_47:
(Start: 13 @28215 has 5 MA's), (16, 28233), (18, 28248), (22, 28386), (28, 28464), (29, 28494), (31, 28509),

Gene: Tiff81_57 Start: 32277, Stop: 32633, Start Num: 13
Candidate Starts for Tiff81_57:
(Start: 13 @32277 has 5 MA's), (20, 32391), (23, 32466), (24, 32469), (25, 32472),

Gene: Vopal_50 Start: 33052, Stop: 33366, Start Num: 15
Candidate Starts for Vopal_50:
(15, 33052), (20, 33142), (24, 33217), (30, 33307),