Pham 348296


9
10
13
16
1: BackstagePass_46
10
13
16
2: Schnabeltier_41
1
2
4
8
18
22
3: Whytu_15
8
12
14
17
20
4: Idaho_17
1
2
3
4
8
22
5: Piku_15
7
11
15
19
21
6: Popper_42
5
6
7
11
7: Elesar_38
7
11
8: AllBusiness_40

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 348296 Report

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

WARNING: Pham size does not match number of genes in report. Either unphamerated genes have been added (by you) or starterator has removed genes due to invalid start codon.

Pham number 348296 has 8 members, 0 are drafts.

Phages represented in each track:
• Track 1 : BackstagePass_46
• Track 2 : Schnabeltier_41
• Track 3 : Whytu_15
• Track 4 : Idaho_17
• Track 5 : Piku_15
• Track 6 : Popper_42
• Track 7 : Elesar_38
• Track 8 : AllBusiness_40

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

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

Genes that call this "Most Annotated" start:
• Idaho_17, Piku_15, Whytu_15,

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

Genes that do not have the "Most Annotated" start:
• AllBusiness_40, BackstagePass_46, Elesar_38, Popper_42, Schnabeltier_41,

Summary by start number:

Start 7:
• Found in 3 of 8 (37.5%) of genes in pham
• Manual Annotations of this start: 2 of 8
• Called 66.7% of time when present
• Phage (with cluster) where this start called: Elesar_38 (FF), Popper_42 (FF),

Start 8:
• Found in 3 of 8 (37.5%) 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: Idaho_17 (FE), Piku_15 (FE), Whytu_15 (FE),

Start 10:
• 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: BackstagePass_46 (DB), Schnabeltier_41 (DB),

Start 11:
• Found in 3 of 8 (37.5%) of genes in pham
• Manual Annotations of this start: 1 of 8
• Called 33.3% of time when present
• Phage (with cluster) where this start called: AllBusiness_40 (FF),

Summary by clusters:

There are 3 clusters represented in this pham: DB, FE, FF,

Info for manual annotations of cluster DB:
•Start number 10 was manually annotated 2 times for cluster DB.

Info for manual annotations of cluster FE:
•Start number 8 was manually annotated 3 times for cluster FE.

Info for manual annotations of cluster FF:
•Start number 7 was manually annotated 2 times for cluster FF.
•Start number 11 was manually annotated 1 time for cluster FF.

Gene Information:

Gene: AllBusiness_40 Start: 31222, Stop: 31440, Start Num: 11
Candidate Starts for AllBusiness_40:
(Start: 7 @31186 has 2 MA's), (Start: 11 @31222 has 1 MA's),

Gene: BackstagePass_46 Start: 34306, Stop: 34112, Start Num: 10
Candidate Starts for BackstagePass_46:
(9, 34321), (Start: 10 @34306 has 2 MA's), (13, 34267), (16, 34222),

Gene: Elesar_38 Start: 30965, Stop: 31219, Start Num: 7
Candidate Starts for Elesar_38:
(5, 30932), (6, 30956), (Start: 7 @30965 has 2 MA's), (Start: 11 @31001 has 1 MA's),

Gene: Idaho_17 Start: 13517, Stop: 13774, Start Num: 8
Candidate Starts for Idaho_17:

(Start: 8 @13517 has 3 MA's), (12, 13556), (14, 13601), (17, 13652), (20, 13694),

Gene: Piku_15 Start: 12477, Stop: 12746, Start Num: 8
Candidate Starts for Piku_15:
(1, 12372), (2, 12387), (3, 12429), (4, 12438), (Start: 8 @12477 has 3 MA's), (22, 12717),

Gene: Popper_42 Start: 30120, Stop: 30374, Start Num: 7
Candidate Starts for Popper_42:
(Start: 7 @30120 has 2 MA's), (Start: 11 @30156 has 1 MA's), (15, 30225), (19, 30264), (21, 30315),

Gene: Schnabeltier_41 Start: 32611, Stop: 32805, Start Num: 10
Candidate Starts for Schnabeltier_41:
(Start: 10 @32611 has 2 MA's), (13, 32650), (16, 32695),

Gene: Whytu_15 Start: 12543, Stop: 12812, Start Num: 8
Candidate Starts for Whytu_15:
(1, 12438), (2, 12453), (4, 12504), (Start: 8 @12543 has 3 MA's), (18, 12693), (22, 12783),