Pham 348196


16
21
22
1: Phisb_15
21
22
2: BubbaBear_15
17
20
21
22
3: Doobus_15 + 1
22
23
24
4: PastaFagioli_15 + 6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
18
19
21
22
5: PondAmelia_16
21
22
6: Albedo_15

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 348196 Report

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

Pham number 348196 has 13 members, 2 are drafts.

Phages represented in each track:
• Track 1 : Phisb_15
• Track 2 : BubbaBear_15
• Track 3 : Doobus_15, SirBeanington_15
• Track 4 : PastaFagioli_15, Avocadoman_15, LimaBean_15, Abigail_15, Solea_17, Milomuff_16, Johnathan_15
• Track 5 : PondAmelia_16
• Track 6 : Albedo_15

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

The start number called the most often in the published annotations is 22, it was called in 10 of the 11 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Abigail_15, Albedo_15, Avocadoman_15, Doobus_15, Johnathan_15, LimaBean_15, Milomuff_16, PastaFagioli_15, Phisb_15, PondAmelia_16, SirBeanington_15, Solea_17,

Genes that have the "Most Annotated" start but do not call it:
• BubbaBear_15,

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

Summary by start number:

Start 21:
• Found in 6 of 13 (46.2%) of genes in pham
• Manual Annotations of this start: 1 of 11
• Called 16.7% of time when present
• Phage (with cluster) where this start called: BubbaBear_15 (EB),

Start 22:
• Found in 13 of 13 (100.0%) of genes in pham

• Manual Annotations of this start: 10 of 11
• Called 92.3% of time when present
• Phage (with cluster) where this start called: Abigail_15 (EB), Albedo_15 (EB), Avocadoman_15 (EB), Doobus_15 (EB), Johnathan_15 (EB), LimaBean_15 (EB), Milomuff_16 (EB), PastaFagioli_15 (EB), Phisb_15 (EB), PondAmelia_16 (EB), SirBeanington_15 (EB), Solea_17 (EB),

Summary by clusters:

There is one cluster represented in this pham: EB

Info for manual annotations of cluster EB:
•Start number 21 was manually annotated 1 time for cluster EB.
•Start number 22 was manually annotated 10 times for cluster EB.

Gene Information:

Gene: Abigail_15 Start: 10292, Stop: 10077, Start Num: 22
Candidate Starts for Abigail_15:
(Start: 22 @10292 has 10 MA's), (23, 10235), (24, 10154),

Gene: Albedo_15 Start: 10144, Stop: 9923, Start Num: 22
Candidate Starts for Albedo_15:
(Start: 21 @10180 has 1 MA's), (Start: 22 @10144 has 10 MA's),

Gene: Avocadoman_15 Start: 10235, Stop: 10020, Start Num: 22
Candidate Starts for Avocadoman_15:
(Start: 22 @10235 has 10 MA's), (23, 10178), (24, 10097),

Gene: BubbaBear_15 Start: 10180, Stop: 9923, Start Num: 21
Candidate Starts for BubbaBear_15:
(Start: 21 @10180 has 1 MA's), (Start: 22 @10144 has 10 MA's),

Gene: Doobus_15 Start: 10410, Stop: 10189, Start Num: 22
Candidate Starts for Doobus_15:
(17, 10515), (20, 10482), (Start: 21 @10446 has 1 MA's), (Start: 22 @10410 has 10 MA's),

Gene: Johnathan_15 Start: 10173, Stop: 9958, Start Num: 22
Candidate Starts for Johnathan_15:
(Start: 22 @10173 has 10 MA's), (23, 10116), (24, 10035),

Gene: LimaBean_15 Start: 10173, Stop: 9958, Start Num: 22
Candidate Starts for LimaBean_15:
(Start: 22 @10173 has 10 MA's), (23, 10116), (24, 10035),

Gene: Milomuff_16 Start: 10559, Stop: 10344, Start Num: 22
Candidate Starts for Milomuff_16:
(Start: 22 @10559 has 10 MA's), (23, 10502), (24, 10421),

Gene: PastaFagioli_15 Start: 10279, Stop: 10064, Start Num: 22
Candidate Starts for PastaFagioli_15:

(Start: 22 @10279 has 10 MA's), (23, 10222), (24, 10141),

Gene: Phisb_15 Start: 10144, Stop: 9923, Start Num: 22
Candidate Starts for Phisb_15:
(16, 10270), (Start: 21 @10180 has 1 MA's), (Start: 22 @10144 has 10 MA's),

Gene: PondAmelia_16 Start: 10398, Stop: 10177, Start Num: 22
Candidate Starts for PondAmelia_16:
(1, 10896), (2, 10866), (3, 10824), (4, 10809), (5, 10779), (6, 10770), (7, 10764), (8, 10761), (9, 10704), (10, 10692), (11, 10653), (12, 10641), (13, 10626), (14, 10566), (15, 10557), (18, 10494), (19, 10488), (Start: 21 @10434 has 1 MA's), (Start: 22 @10398 has 10 MA's),

Gene: SirBeanington_15 Start: 10153, Stop: 9932, Start Num: 22
Candidate Starts for SirBeanington_15:
(17, 10258), (20, 10225), (Start: 21 @10189 has 1 MA's), (Start: 22 @10153 has 10 MA's),

Gene: Solea_17 Start: 10559, Stop: 10344, Start Num: 22
Candidate Starts for Solea_17:
(Start: 22 @10559 has 10 MA's), (23, 10502), (24, 10421),