Pham 348155


5
6
7
9
13
1: Dodo_349 + 1
7
9
13
2: A3Wally_356 + 3
4
5
7
9
13
3: Erasmago_340 + 1
1
2
3
5
6
7
9
11
4: Zooman_2 + 1
1
3
5
7
9
11
5: Big4_2 + 1
7
8
9
10
12
6: Cece_2 + 1

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 348155 Report

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

Pham number 348155 has 14 members, 2 are drafts.

Phages represented in each track:
• Track 1 : Dodo_349, Dodo_2
• Track 2 : A3Wally_356, PauloDiaboli_357, A3Wally_2, PauloDiaboli_2
• Track 3 : Erasmago_340, Erasmago_2
• Track 4 : Zooman_2, Zooman_315
• Track 5 : Big4_2, Big4_328
• Track 6 : Cece_2, Cece_305

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

The start number called the most often in the published annotations is 7, it was called in 12 of the 12 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• A3Wally_2, A3Wally_356, Big4_2, Big4_328, Cece_2, Cece_305, Dodo_2, Dodo_349, Erasmago_2, Erasmago_340, PauloDiaboli_2, PauloDiaboli_357, Zooman_2, Zooman_315,

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

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

Summary by start number:

Start 7:
• Found in 14 of 14 (100.0%) of genes in pham
• Manual Annotations of this start: 12 of 12
• Called 100.0% of time when present
• Phage (with cluster) where this start called: A3Wally_2 (GD1), A3Wally_356 (GD1), Big4_2 (GD2), Big4_328 (GD2), Cece_2 (GD3), Cece_305 (GD3), Dodo_2 (GD1), Dodo_349 (GD1), Erasmago_2 (GD2), Erasmago_340 (GD2), PauloDiaboli_2 (GD1), PauloDiaboli_357 (GD1), Zooman_2 (GD2), Zooman_315 (GD2),

Summary by clusters:

There are 3 clusters represented in this pham: GD1, GD2, GD3,

Info for manual annotations of cluster GD1:
•Start number 7 was manually annotated 6 times for cluster GD1.

Info for manual annotations of cluster GD2:
•Start number 7 was manually annotated 4 times for cluster GD2.

Info for manual annotations of cluster GD3:
•Start number 7 was manually annotated 2 times for cluster GD3.

Gene Information:

Gene: A3Wally_356 Start: 180188, Stop: 180337, Start Num: 7
Candidate Starts for A3Wally_356:
(Start: 7 @180188 has 12 MA's), (9, 180221), (13, 180311),

Gene: A3Wally_2 Start: 967, Stop: 1116, Start Num: 7
Candidate Starts for A3Wally_2:
(Start: 7 @967 has 12 MA's), (9, 1000), (13, 1090),

Gene: Big4_2 Start: 958, Stop: 1131, Start Num: 7
Candidate Starts for Big4_2:
(1, 904), (3, 934), (5, 949), (Start: 7 @958 has 12 MA's), (9, 991), (11, 1045),

Gene: Big4_328 Start: 175652, Stop: 175825, Start Num: 7
Candidate Starts for Big4_328:
(1, 175598), (3, 175628), (5, 175643), (Start: 7 @175652 has 12 MA's), (9, 175685), (11, 175739),

Gene: Cece_2 Start: 958, Stop: 1110, Start Num: 7
Candidate Starts for Cece_2:
(Start: 7 @958 has 12 MA's), (8, 973), (9, 991), (10, 1042), (12, 1072),

Gene: Cece_305 Start: 169392, Stop: 169544, Start Num: 7
Candidate Starts for Cece_305:
(Start: 7 @169392 has 12 MA's), (8, 169407), (9, 169425), (10, 169476), (12, 169506),

Gene: Dodo_349 Start: 179167, Stop: 179316, Start Num: 7
Candidate Starts for Dodo_349:
(5, 179158), (6, 179161), (Start: 7 @179167 has 12 MA's), (9, 179200), (13, 179290),

Gene: Dodo_2 Start: 967, Stop: 1116, Start Num: 7
Candidate Starts for Dodo_2:
(5, 958), (6, 961), (Start: 7 @967 has 12 MA's), (9, 1000), (13, 1090),

Gene: Erasmago_340 Start: 175471, Stop: 175641, Start Num: 7
Candidate Starts for Erasmago_340:
(4, 175450), (5, 175462), (Start: 7 @175471 has 12 MA's), (9, 175504), (13, 175594),

Gene: Erasmago_2 Start: 962, Stop: 1132, Start Num: 7
Candidate Starts for Erasmago_2:
(4, 941), (5, 953), (Start: 7 @962 has 12 MA's), (9, 995), (13, 1085),

Gene: PauloDiaboli_357 Start: 177587, Stop: 177736, Start Num: 7
Candidate Starts for PauloDiaboli_357:
(Start: 7 @177587 has 12 MA's), (9, 177620), (13, 177710),

Gene: PauloDiaboli_2 Start: 958, Stop: 1107, Start Num: 7
Candidate Starts for PauloDiaboli_2:
(Start: 7 @958 has 12 MA's), (9, 991), (13, 1081),

Gene: Zooman_2 Start: 958, Stop: 1131, Start Num: 7
Candidate Starts for Zooman_2:
(1, 904), (2, 910), (3, 934), (5, 949), (6, 952), (Start: 7 @958 has 12 MA's), (9, 991), (11, 1045),

Gene: Zooman_315 Start: 176609, Stop: 176782, Start Num: 7
Candidate Starts for Zooman_315:
(1, 176555), (2, 176561), (3, 176585), (5, 176600), (6, 176603), (Start: 7 @176609 has 12 MA's), (9, 176642), (11, 176696),