Pham 340406


1
4
6
9
11
12
14
20
22
1: Quesadilla_92
23
5
7
9
17
23
2: ScoobyDoobyDoo_103
23
5
9
10
13
18
22
3: Myrna_109
5
8
9
10
15
16
19
21
22
24
25
4: Phabba_112 + 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 340406 Report

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

Pham number 340406 has 5 members, 1 are drafts.

Phages represented in each track:
• Track 1 : Quesadilla_92
• Track 2 : ScoobyDoobyDoo_103
• Track 3 : Myrna_109
• Track 4 : Phabba_112, Greely_110

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

The start number called the most often in the published annotations is 2, it was called in 1 of the 4 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Myrna_109,

Genes that have the "Most Annotated" start but do not call it:
• ScoobyDoobyDoo_103,

Genes that do not have the "Most Annotated" start:
• Greely_110, Phabba_112, Quesadilla_92,

Summary by start number:

Start 2:
• Found in 2 of 5 (40.0%) of genes in pham
• Manual Annotations of this start: 1 of 4
• Called 50.0% of time when present
• Phage (with cluster) where this start called: Myrna_109 (C2),

Start 3:
• Found in 2 of 5 (40.0%) of genes in pham
• Manual Annotations of this start: 1 of 4
• Called 50.0% of time when present
• Phage (with cluster) where this start called: ScoobyDoobyDoo_103 (C2),

Start 4:

• Found in 1 of 5 (20.0%) of genes in pham
• Manual Annotations of this start: 1 of 4
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Quesadilla_92 (B9),

Start 5:
• Found in 4 of 5 (80.0%) of genes in pham
• Manual Annotations of this start: 1 of 4
• Called 50.0% of time when present
• Phage (with cluster) where this start called: Greely_110 (C2), Phabba_112 (C2),

Summary by clusters:

There are 2 clusters represented in this pham: C2, B9,

Info for manual annotations of cluster B9:
•Start number 4 was manually annotated 1 time for cluster B9.

Info for manual annotations of cluster C2:
•Start number 2 was manually annotated 1 time for cluster C2.
•Start number 3 was manually annotated 1 time for cluster C2.
•Start number 5 was manually annotated 1 time for cluster C2.

Gene Information:

Gene: Greely_110 Start: 55754, Stop: 56026, Start Num: 5
Candidate Starts for Greely_110:
(Start: 5 @55754 has 1 MA's), (8, 55829), (9, 55853), (10, 55856), (15, 55925), (16, 55940), (19, 55961), (21, 55979), (22, 55985), (24, 56003), (25, 56006),

Gene: Myrna_109 Start: 57012, Stop: 57344, Start Num: 2
Candidate Starts for Myrna_109:
(Start: 2 @57012 has 1 MA's), (Start: 3 @57015 has 1 MA's), (Start: 5 @57051 has 1 MA's), (9, 57162), (10, 57165), (13, 57213), (18, 57270), (22, 57303),

Gene: Phabba_112 Start: 55505, Stop: 55777, Start Num: 5
Candidate Starts for Phabba_112:
(Start: 5 @55505 has 1 MA's), (8, 55580), (9, 55604), (10, 55607), (15, 55676), (16, 55691), (19, 55712), (21, 55730), (22, 55736), (24, 55754), (25, 55757),

Gene: Quesadilla_92 Start: 68316, Stop: 67975, Start Num: 4
Candidate Starts for Quesadilla_92:
(1, 68439), (Start: 4 @68316 has 1 MA's), (6, 68244), (9, 68160), (11, 68124), (12, 68115), (14, 68091), (20, 68049), (22, 68025),

Gene: ScoobyDoobyDoo_103 Start: 55063, Stop: 55377, Start Num: 3
Candidate Starts for ScoobyDoobyDoo_103:
(Start: 2 @55060 has 1 MA's), (Start: 3 @55063 has 1 MA's), (Start: 5 @55099 has 1 MA's), (7, 55171), (9, 55213), (17, 55309), (23, 55351),