Pham 348323


6
8
10
13
19
1: Phabba_257 + 1
6
8
10
14
2: ScoobyDoobyDoo_243
6
8
10
13
19
3: Myrna_247
1
2
3
4
5
7
11
20
4: CherryTomatoes_176
7
11
20
5: SCentae_174 + 1
7
11
12
20
6: Skog_7

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 348323 Report

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

Pham number 348323 has 8 members, 1 are drafts.

Phages represented in each track:
• Track 1 : Phabba_257, Greely_255
• Track 2 : ScoobyDoobyDoo_243
• Track 3 : Myrna_247
• Track 4 : CherryTomatoes_176
• Track 5 : SCentae_174, Pupper_175
• Track 6 : Skog_7

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 4 of the 7 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• CherryTomatoes_176, Pupper_175, SCentae_174, Skog_7,

Genes that have the "Most Annotated" start but do not call it:
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Genes that do not have the "Most Annotated" start:
• Greely_255, Myrna_247, Phabba_257, ScoobyDoobyDoo_243,

Summary by start number:

Start 6:
• Found in 4 of 8 (50.0%) of genes in pham
• Manual Annotations of this start: 3 of 7
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Greely_255 (C2), Myrna_247 (C2), Phabba_257 (C2), ScoobyDoobyDoo_243 (C2),

Start 7:
• Found in 4 of 8 (50.0%) of genes in pham
• Manual Annotations of this start: 4 of 7
• Called 100.0% of time when present

• Phage (with cluster) where this start called: CherryTomatoes_176 (DO), Pupper_175 (DO), SCentae_174 (DO), Skog_7 (DO),

Summary by clusters:

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

Info for manual annotations of cluster C2:
•Start number 6 was manually annotated 3 times for cluster C2.

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

Gene Information:

Gene: CherryTomatoes_176 Start: 128932, Stop: 129150, Start Num: 7
Candidate Starts for CherryTomatoes_176:
(1, 128008), (2, 128131), (3, 128200), (4, 128347), (5, 128380), (Start: 7 @128932 has 4 MA's), (11, 128974), (16, 129070), (18, 129076), (20, 129136),

Gene: Greely_255 Start: 151163, Stop: 151393, Start Num: 6
Candidate Starts for Greely_255:
(Start: 6 @151163 has 3 MA's), (8, 151202), (10, 151214), (13, 151277), (16, 151307), (17, 151310), (18, 151313), (19, 151346),

Gene: Myrna_247 Start: 151138, Stop: 151374, Start Num: 6
Candidate Starts for Myrna_247:
(Start: 6 @151138 has 3 MA's), (8, 151177), (9, 151183), (10, 151189), (13, 151252), (16, 151282), (17, 151285), (18, 151288), (19, 151321),

Gene: Phabba_257 Start: 150528, Stop: 150758, Start Num: 6
Candidate Starts for Phabba_257:
(Start: 6 @150528 has 3 MA's), (8, 150567), (10, 150579), (13, 150642), (16, 150672), (17, 150675), (18, 150678), (19, 150711),

Gene: Pupper_175 Start: 129174, Stop: 129392, Start Num: 7
Candidate Starts for Pupper_175:
(Start: 7 @129174 has 4 MA's), (11, 129216), (15, 129309), (16, 129312), (18, 129318), (20, 129378),

Gene: SCentae_174 Start: 129367, Stop: 129585, Start Num: 7
Candidate Starts for SCentae_174:
(Start: 7 @129367 has 4 MA's), (11, 129409), (15, 129502), (16, 129505), (18, 129511), (20, 129571),

Gene: ScoobyDoobyDoo_243 Start: 147479, Stop: 147742, Start Num: 6
Candidate Starts for ScoobyDoobyDoo_243:
(Start: 6 @147479 has 3 MA's), (8, 147518), (10, 147530), (14, 147632), (16, 147650), (17, 147653), (18, 147656),

Gene: Skog_7 Start: 5737, Stop: 5952, Start Num: 7
Candidate Starts for Skog_7:
(Start: 7 @5737 has 4 MA's), (11, 5776), (12, 5830), (16, 5872), (18, 5878), (20, 5938),