Pham 215098


4
5
6
8
17
1: Ollypop_91
5
9
10
12
13
14
15
16
18
2: MoyaNatalis_100
5
9
10
12
13
14
15
16
18
3: JayCookie_101
1
2
3
5
7
11
13
15
18
4: ArV1_087
3
5
11
12
13
15
16
18
5: Conboy_99

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 215098 Report

This analysis was run 02/22/25 on database version 588.

Pham number 215098 has 5 members, 3 are drafts.

Phages represented in each track:
• Track 1 : Ollypop_91
• Track 2 : MoyaNatalis_100
• Track 3 : JayCookie_101
• Track 4 : ArV1_087
• Track 5 : Conboy_99

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

The start number called the most often in the published annotations is 5, it was called in 2 of the 2 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• ArV1_087, Conboy_99, JayCookie_101, Ollypop_91,

Genes that have the "Most Annotated" start but do not call it:
• MoyaNatalis_100,

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

Summary by start number:

Start 5:
• Found in 5 of 5 (100.0%) of genes in pham
• Manual Annotations of this start: 2 of 2
• Called 80.0% of time when present
• Phage (with cluster) where this start called: ArV1_087 (AR), Conboy_99 (AR), JayCookie_101 (AR), Ollypop_91 (AP2),

Start 9:
• Found in 2 of 5 (40.0%) of genes in pham
• No Manual Annotations of this start.
• Called 50.0% of time when present
• Phage (with cluster) where this start called: MoyaNatalis_100 (AR),

Summary by clusters:

There are 2 clusters represented in this pham: AP2, AR,

Info for manual annotations of cluster AR:
•Start number 5 was manually annotated 2 times for cluster AR.

Gene Information:

Gene: ArV1_087 Start: 62389, Stop: 62736, Start Num: 5
Candidate Starts for ArV1_087:
(1, 62158), (2, 62194), (3, 62320), (Start: 5 @62389 has 2 MA's), (7, 62434), (11, 62521), (13, 62557), (15, 62593), (18, 62680),

Gene: Conboy_99 Start: 63527, Stop: 63874, Start Num: 5
Candidate Starts for Conboy_99:
(3, 63458), (Start: 5 @63527 has 2 MA's), (11, 63659), (12, 63674), (13, 63695), (15, 63731), (16, 63785), (18, 63818),

Gene: JayCookie_101 Start: 64271, Stop: 64618, Start Num: 5
Candidate Starts for JayCookie_101:
(Start: 5 @64271 has 2 MA's), (9, 64361), (10, 64394), (12, 64418), (13, 64439), (14, 64463), (15, 64475), (16, 64529), (18, 64562),

Gene: MoyaNatalis_100 Start: 63807, Stop: 64064, Start Num: 9
Candidate Starts for MoyaNatalis_100:
(Start: 5 @63717 has 2 MA's), (9, 63807), (10, 63840), (12, 63864), (13, 63885), (14, 63909), (15, 63921), (16, 63975), (18, 64008),

Gene: Ollypop_91 Start: 58434, Stop: 58111, Start Num: 5
Candidate Starts for Ollypop_91:
(4, 58461), (Start: 5 @58434 has 2 MA's), (6, 58419), (8, 58359), (17, 58170),