Pham 348433


5
6
7
8
9
10
12
14
19
21
1: Joy99_96
11
14
15
16
21
2: Chavito_98
11
14
17
18
20
3: TingHuaYa_100
1
2
3
4
11
14
17
18
20
4: LastHope_102
11
13
14
17
18
22
5: Yunkel11_100

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 348433 Report

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

Pham number 348433 has 5 members, 2 are drafts.

Phages represented in each track:
• Track 1 : Joy99_96
• Track 2 : Chavito_98
• Track 3 : TingHuaYa_100
• Track 4 : LastHope_102
• Track 5 : Yunkel11_100

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

The start number called the most often in the published annotations is 14, it was called in 3 of the 3 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Joy99_96, LastHope_102, TingHuaYa_100, Yunkel11_100,

Genes that have the "Most Annotated" start but do not call it:
• Chavito_98,

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

Summary by start number:

Start 14:
• Found in 5 of 5 (100.0%) of genes in pham
• Manual Annotations of this start: 3 of 3
• Called 80.0% of time when present
• Phage (with cluster) where this start called: Joy99_96 (K1), LastHope_102 (K1), TingHuaYa_100 (K1), Yunkel11_100 (K1),

Start 16:
• Found in 1 of 5 (20.0%) of genes in pham
• No Manual Annotations of this start.
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Chavito_98 (K1),

Summary by clusters:

There is one cluster represented in this pham: K1

Info for manual annotations of cluster K1:
•Start number 14 was manually annotated 3 times for cluster K1.

Gene Information:

Gene: Chavito_98 Start: 61611, Stop: 61748, Start Num: 16
Candidate Starts for Chavito_98:
(11, 61524), (Start: 14 @61578 has 3 MA's), (15, 61605), (16, 61611), (21, 61719),

Gene: Joy99_96 Start: 59127, Stop: 59300, Start Num: 14
Candidate Starts for Joy99_96:
(5, 58830), (6, 58833), (7, 58857), (8, 58896), (9, 58917), (10, 58977), (12, 59070), (Start: 14 @59127 has 3 MA's), (19, 59205), (21, 59274),

Gene: LastHope_102 Start: 60395, Stop: 60571, Start Num: 14
Candidate Starts for LastHope_102:
(1, 59678), (2, 59687), (3, 59849), (4, 59996), (11, 60329), (Start: 14 @60395 has 3 MA's), (17, 60437), (18, 60467), (20, 60479),

Gene: TingHuaYa_100 Start: 60724, Stop: 60897, Start Num: 14
Candidate Starts for TingHuaYa_100:
(11, 60658), (Start: 14 @60724 has 3 MA's), (17, 60766), (18, 60796), (20, 60808),

Gene: Yunkel11_100 Start: 60221, Stop: 60397, Start Num: 14
Candidate Starts for Yunkel11_100:
(11, 60155), (13, 60203), (Start: 14 @60221 has 3 MA's), (17, 60263), (18, 60293), (22, 60371),