Pham 335644


3
5
11
13
16
17
18
19
1: Ranunculus_49
2
5
8
11
12
14
16
17
18
2: Odyssey395_55
1
4
6
7
10
16
17
18
3: Pureglobe5_54
5
7
9
10
13
15
4: Kihatsu_62 + 2
5
9
10
13
15
5: Nandita_61

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 335644 Report

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

Pham number 335644 has 7 members, 0 are drafts.

Phages represented in each track:
• Track 1 : Ranunculus_49
• Track 2 : Odyssey395_55
• Track 3 : Pureglobe5_54
• Track 4 : Kihatsu_62, ToastyOats_62, Ichiang_58
• Track 5 : Nandita_61

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

Genes that call this "Most Annotated" start:
• Ichiang_58, Kihatsu_62, Nandita_61, Ranunculus_49, ToastyOats_62,

Genes that have the "Most Annotated" start but do not call it:
• Odyssey395_55,

Genes that do not have the "Most Annotated" start:
• Pureglobe5_54,

Summary by start number:

Start 5:
• Found in 6 of 7 (85.7%) of genes in pham
• Manual Annotations of this start: 5 of 7
• Called 83.3% of time when present
• Phage (with cluster) where this start called: Ichiang_58 (FF), Kihatsu_62 (FF), Nandita_61 (FF), Ranunculus_49 (AP), ToastyOats_62 (FF),

Start 6:
• Found in 1 of 7 (14.3%) of genes in pham
• Manual Annotations of this start: 1 of 7
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Pureglobe5_54 (AP2),

Start 8:
• Found in 1 of 7 (14.3%) of genes in pham
• Manual Annotations of this start: 1 of 7
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Odyssey395_55 (AP2),

Summary by clusters:

There are 3 clusters represented in this pham: AP2, AP, FF,

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

Info for manual annotations of cluster AP2:
•Start number 6 was manually annotated 1 time for cluster AP2.
•Start number 8 was manually annotated 1 time for cluster AP2.

Info for manual annotations of cluster FF:
•Start number 5 was manually annotated 4 times for cluster FF.

Gene Information:

Gene: Ichiang_58 Start: 37812, Stop: 38099, Start Num: 5
Candidate Starts for Ichiang_58:
(Start: 5 @37812 has 5 MA's), (7, 37848), (9, 37884), (10, 37938), (13, 38007), (15, 38034),

Gene: Kihatsu_62 Start: 39360, Stop: 39647, Start Num: 5
Candidate Starts for Kihatsu_62:
(Start: 5 @39360 has 5 MA's), (7, 39396), (9, 39432), (10, 39486), (13, 39555), (15, 39582),

Gene: Nandita_61 Start: 38374, Stop: 38661, Start Num: 5
Candidate Starts for Nandita_61:
(Start: 5 @38374 has 5 MA's), (9, 38446), (10, 38500), (13, 38569), (15, 38596),

Gene: Odyssey395_55 Start: 38943, Stop: 38695, Start Num: 8
Candidate Starts for Odyssey395_55:
(2, 39024), (Start: 5 @38982 has 5 MA's), (Start: 8 @38943 has 1 MA's), (11, 38844), (12, 38841), (14, 38772), (16, 38760), (17, 38730), (18, 38721),

Gene: Pureglobe5_54 Start: 39145, Stop: 38876, Start Num: 6
Candidate Starts for Pureglobe5_54:
(1, 39238), (4, 39175), (Start: 6 @39145 has 1 MA's), (7, 39127), (10, 39040), (16, 38941), (17, 38911), (18, 38902),

Gene: Ranunculus_49 Start: 41958, Stop: 41668, Start Num: 5
Candidate Starts for Ranunculus_49:
(3, 41970), (Start: 5 @41958 has 5 MA's), (11, 41820), (13, 41766), (16, 41736), (17, 41706), (18, 41697), (19, 41685),

Gene: ToastyOats_62 Start: 38107, Stop: 38394, Start Num: 5

Candidate Starts for ToastyOats_62:
(Start: 5 @38107 has 5 MA's), (7, 38143), (9, 38179), (10, 38233), (13, 38302), (15, 38329),