Pham 340268


4
8
14
15
16
20
22
23
1: Hans_56
4
8
14
15
16
20
22
23
24
2: Inspectinfecti_55
2
9
10
11
13
14
16
17
20
21
22
23
25
3: EMoore_52
2
7
9
12
14
15
16
18
19
20
22
23
24
4: MelBins_55
4
8
14
15
16
20
21
22
23
5: Phauci_47
4
8
14
15
16
20
22
23
6: Ali17_52
1
2
3
5
6
9
10
11
14
15
16
20
22
23
7: Leonard_54 + 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 340268 Report

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

Pham number 340268 has 8 members, 0 are drafts.

Phages represented in each track:
• Track 1 : Hans_56
• Track 2 : Inspectinfecti_55
• Track 3 : EMoore_52
• Track 4 : MelBins_55
• Track 5 : Phauci_47
• Track 6 : Ali17_52
• Track 7 : Leonard_54, Phinally_54

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

The start number called the most often in the published annotations is 4, it was called in 4 of the 8 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Ali17_52, Hans_56, Inspectinfecti_55, Phauci_47,

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

Genes that do not have the "Most Annotated" start:
• EMoore_52, Leonard_54, MelBins_55, Phinally_54,

Summary by start number:

Start 1:
• Found in 2 of 8 (25.0%) of genes in pham
• Manual Annotations of this start: 2 of 8
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Leonard_54 (DE2), Phinally_54 (DE2),

Start 2:
• Found in 4 of 8 (50.0%) of genes in pham
• Manual Annotations of this start: 2 of 8
• Called 50.0% of time when present

• Phage (with cluster) where this start called: EMoore_52 (DE2), MelBins_55 (DE2),

Start 4:
• Found in 4 of 8 (50.0%) of genes in pham
• Manual Annotations of this start: 4 of 8
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Ali17_52 (DE2), Hans_56 (DE2), Inspectinfecti_55 (DE2), Phauci_47 (DE2),

Summary by clusters:

There is one cluster represented in this pham: DE2

Info for manual annotations of cluster DE2:
•Start number 1 was manually annotated 2 times for cluster DE2.
•Start number 2 was manually annotated 2 times for cluster DE2.
•Start number 4 was manually annotated 4 times for cluster DE2.

Gene Information:

Gene: Ali17_52 Start: 44395, Stop: 45129, Start Num: 4
Candidate Starts for Ali17_52:
(Start: 4 @44395 has 4 MA's), (8, 44554), (14, 44761), (15, 44821), (16, 44833), (20, 44899), (22, 45013), (23, 45028),

Gene: EMoore_52 Start: 45561, Stop: 46499, Start Num: 2
Candidate Starts for EMoore_52:
(Start: 2 @45561 has 2 MA's), (9, 45957), (10, 45978), (11, 46044), (13, 46122), (14, 46134), (16, 46203), (17, 46230), (20, 46269), (21, 46344), (22, 46383), (23, 46398), (25, 46488),

Gene: Hans_56 Start: 45026, Stop: 45760, Start Num: 4
Candidate Starts for Hans_56:
(Start: 4 @45026 has 4 MA's), (8, 45185), (14, 45392), (15, 45452), (16, 45464), (20, 45530), (22, 45644), (23, 45659),

Gene: Inspectinfecti_55 Start: 45481, Stop: 46206, Start Num: 4
Candidate Starts for Inspectinfecti_55:
(Start: 4 @45481 has 4 MA's), (8, 45640), (14, 45847), (15, 45907), (16, 45919), (20, 45985), (22, 46099), (23, 46114), (24, 46147),

Gene: Leonard_54 Start: 45111, Stop: 46136, Start Num: 1
Candidate Starts for Leonard_54:
(Start: 1 @45111 has 2 MA's), (Start: 2 @45177 has 2 MA's), (3, 45231), (5, 45384), (6, 45468), (9, 45591), (10, 45612), (11, 45678), (14, 45768), (15, 45828), (16, 45840), (20, 45906), (22, 46020), (23, 46035),

Gene: MelBins_55 Start: 45373, Stop: 46242, Start Num: 2
Candidate Starts for MelBins_55:
(Start: 2 @45373 has 2 MA's), (7, 45589), (9, 45676), (12, 45817), (14, 45853), (15, 45910), (16, 45922), (18, 45961), (19, 45982), (20, 45988), (22, 46126), (23, 46141), (24, 46174),

Gene: Phauci_47 Start: 42029, Stop: 42763, Start Num: 4
Candidate Starts for Phauci_47:
(Start: 4 @42029 has 4 MA's), (8, 42188), (14, 42395), (15, 42455), (16, 42467), (20, 42533), (21, 42608), (22, 42647), (23, 42662),

Gene: Phinally_54 Start: 45108, Stop: 46133, Start Num: 1
Candidate Starts for Phinally_54:
(Start: 1 @45108 has 2 MA's), (Start: 2 @45174 has 2 MA's), (3, 45228), (5, 45381), (6, 45465), (9, 45588), (10, 45609), (11, 45675), (14, 45765), (15, 45825), (16, 45837), (20, 45903), (22, 46017), (23, 46032),