Pham 338774


7
14
18
29
31
1: Makima_31
5
10
11
13
14
18
21
25
29
32
33
2: Mireles_33
6
15
18
21
22
25
26
29
31
3: Studio_33
8
9
10
12
13
16
19
20
29
32
4: TMaxx_31
1
2
3
4
7
10
14
18
29
31
5: LastNadiia_33
7
18
21
22
23
25
27
29
31
6: Ezurina_30
8
12
20
24
29
31
7: ChamoyPickle_32

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 338774 Report

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

Pham number 338774 has 7 members, 3 are drafts.

Phages represented in each track:
• Track 1 : Makima_31
• Track 2 : Mireles_33
• Track 3 : Studio_33
• Track 4 : TMaxx_31
• Track 5 : LastNadiia_33
• Track 6 : Ezurina_30
• Track 7 : ChamoyPickle_32

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

Genes that call this "Most Annotated" start:
• Ezurina_30, LastNadiia_33, Makima_31,

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

Genes that do not have the "Most Annotated" start:
• ChamoyPickle_32, Mireles_33, Studio_33, TMaxx_31,

Summary by start number:

Start 5:
• Found in 1 of 7 (14.3%) of genes in pham
• Manual Annotations of this start: 1 of 4
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Mireles_33 (FR),

Start 6:
• Found in 1 of 7 (14.3%) of genes in pham
• No Manual Annotations of this start.
• Called 100.0% of time when present

• Phage (with cluster) where this start called: Studio_33 (FR),

Start 7:
• Found in 3 of 7 (42.9%) of genes in pham
• Manual Annotations of this start: 2 of 4
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Ezurina_30 (FR), LastNadiia_33 (FR), Makima_31 (FR),

Start 8:
• Found in 2 of 7 (28.6%) of genes in pham
• Manual Annotations of this start: 1 of 4
• Called 100.0% of time when present
• Phage (with cluster) where this start called: ChamoyPickle_32 (FR), TMaxx_31 (FR),

Summary by clusters:

There is one cluster represented in this pham: FR

Info for manual annotations of cluster FR:
•Start number 5 was manually annotated 1 time for cluster FR.
•Start number 7 was manually annotated 2 times for cluster FR.
•Start number 8 was manually annotated 1 time for cluster FR.

Gene Information:

Gene: ChamoyPickle_32 Start: 19468, Stop: 19031, Start Num: 8
Candidate Starts for ChamoyPickle_32:
(Start: 8 @19468 has 1 MA's), (12, 19381), (20, 19246), (24, 19174), (29, 19099), (31, 19087),

Gene: Ezurina_30 Start: 20174, Stop: 19746, Start Num: 7
Candidate Starts for Ezurina_30:
(Start: 7 @20174 has 2 MA's), (17, 19976), (18, 19973), (21, 19937), (22, 19925), (23, 19904), (25, 19874), (27, 19826), (29, 19817), (30, 19808), (31, 19805),

Gene: LastNadiia_33 Start: 21518, Stop: 21090, Start Num: 7
Candidate Starts for LastNadiia_33:
(1, 21878), (2, 21728), (3, 21659), (4, 21602), (Start: 7 @21518 has 2 MA's), (10, 21485), (14, 21389), (18, 21314), (29, 21158), (31, 21146),

Gene: Makima_31 Start: 20628, Stop: 20200, Start Num: 7
Candidate Starts for Makima_31:
(Start: 7 @20628 has 2 MA's), (14, 20499), (18, 20424), (29, 20268), (31, 20256),

Gene: Mireles_33 Start: 19895, Stop: 19455, Start Num: 5
Candidate Starts for Mireles_33:
(Start: 5 @19895 has 1 MA's), (10, 19853), (11, 19799), (13, 19757), (14, 19754), (18, 19679), (21, 19643), (25, 19580), (29, 19523), (31, 19511), (32, 19508), (33, 19466),

Gene: Studio_33 Start: 20500, Stop: 20069, Start Num: 6
Candidate Starts for Studio_33:

(6, 20500), (15, 20341), (17, 20299), (18, 20296), (21, 20260), (22, 20248), (25, 20197), (26, 20191), (28, 20143), (29, 20140), (30, 20131), (31, 20128),

Gene: TMaxx_31 Start: 19603, Stop: 19169, Start Num: 8
Candidate Starts for TMaxx_31:
(Start: 8 @19603 has 1 MA's), (9, 19597), (10, 19576), (12, 19516), (13, 19471), (16, 19399), (19, 19390), (20, 19384), (29, 19237), (31, 19225), (32, 19222),