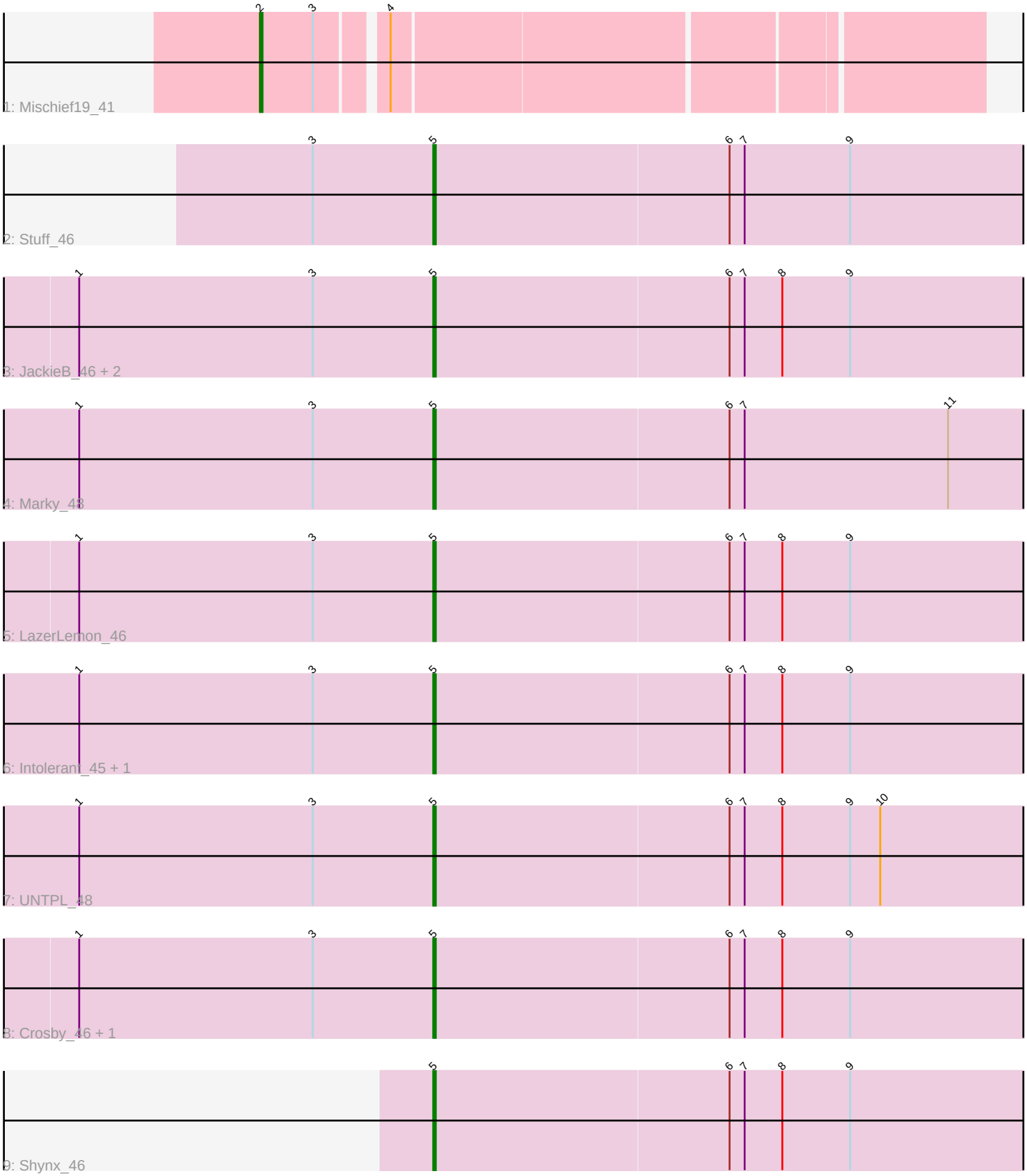
Pham 340172


2
3
4
1: Mischief19_41
3
5
6
7
9
2: Stuff_46
1
3
5
6
7
8
9
3: JackieB_46 + 2
1
3
5
6
7
11
4: Marky_43
1
3
5
6
7
8
9
5: LazerLemon_46
1
3
5
6
7
8
9
6: Intolerant_45 + 1
1
3
5
6
7
8
9
10
7: UNTPL_48
1
3
5
6
7
8
9
8: Crosby_46 + 1
5
6
7
8
9
9: Shynx_46

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 340172 Report

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

Pham number 340172 has 13 members, 0 are drafts.

Phages represented in each track:
• Track 1 : Mischief19_41
• Track 2 : Stuff_46
• Track 3 : JackieB_46, Henoccus_46, Araceli_46
• Track 4 : Marky_48
• Track 5 : LazerLemon_46
• Track 6 : Intolerant_45, Bogota_47
• Track 7 : UNTPL_48
• Track 8 : Crosby_46, Microdon_45
• Track 9 : Shynx_46

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 12 of the 13 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Araceli_46, Bogota_47, Crosby_46, Henoccus_46, Intolerant_45, JackieB_46, LazerLemon_46, Marky_48, Microdon_45, Shynx_46, Stuff_46, UNTPL_48,

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

Genes that do not have the "Most Annotated" start:
• Mischief19_41,

Summary by start number:

Start 2:
• Found in 1 of 13 (7.7%) of genes in pham
• Manual Annotations of this start: 1 of 13
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Mischief19_41 (BG),

Start 5:

• Found in 12 of 13 (92.3%) of genes in pham
• Manual Annotations of this start: 12 of 13
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Araceli_46 (BH), Bogota_47 (BH), Crosby_46 (BH), Henoccus_46 (BH), Intolerant_45 (BH), JackieB_46 (BH), LazerLemon_46 (BH), Marky_48 (BH), Microdon_45 (BH), Shynx_46 (BH), Stuff_46 (BH), UNTPL_48 (BH),

Summary by clusters:

There are 2 clusters represented in this pham: BG, BH,

Info for manual annotations of cluster BG:
•Start number 2 was manually annotated 1 time for cluster BG.

Info for manual annotations of cluster BH:
•Start number 5 was manually annotated 12 times for cluster BH.

Gene Information:

Gene: Araceli_46 Start: 34109, Stop: 34360, Start Num: 5
Candidate Starts for Araceli_46:
(1, 33968), (3, 34061), (Start: 5 @34109 has 12 MA's), (6, 34226), (7, 34232), (8, 34247), (9, 34274),

Gene: Bogota_47 Start: 34651, Stop: 34902, Start Num: 5
Candidate Starts for Bogota_47:
(1, 34510), (3, 34603), (Start: 5 @34651 has 12 MA's), (6, 34768), (7, 34774), (8, 34789), (9, 34816),

Gene: Crosby_46 Start: 34402, Stop: 34653, Start Num: 5
Candidate Starts for Crosby_46:
(1, 34261), (3, 34354), (Start: 5 @34402 has 12 MA's), (6, 34519), (7, 34525), (8, 34540), (9, 34567),

Gene: Henoccus_46 Start: 34126, Stop: 34377, Start Num: 5
Candidate Starts for Henoccus_46:
(1, 33985), (3, 34078), (Start: 5 @34126 has 12 MA's), (6, 34243), (7, 34249), (8, 34264), (9, 34291),

Gene: Intolerant_45 Start: 34343, Stop: 34594, Start Num: 5
Candidate Starts for Intolerant_45:
(1, 34202), (3, 34295), (Start: 5 @34343 has 12 MA's), (6, 34460), (7, 34466), (8, 34481), (9, 34508),

Gene: JackieB_46 Start: 33965, Stop: 34216, Start Num: 5
Candidate Starts for JackieB_46:
(1, 33824), (3, 33917), (Start: 5 @33965 has 12 MA's), (6, 34082), (7, 34088), (8, 34103), (9, 34130),

Gene: LazerLemon_46 Start: 34759, Stop: 35010, Start Num: 5
Candidate Starts for LazerLemon_46:
(1, 34618), (3, 34711), (Start: 5 @34759 has 12 MA's), (6, 34876), (7, 34882), (8, 34897), (9, 34924),

Gene: Marky_48 Start: 34846, Stop: 35094, Start Num: 5
Candidate Starts for Marky_48:
(1, 34705), (3, 34798), (Start: 5 @34846 has 12 MA's), (6, 34963), (7, 34969), (11, 35050),

Gene: Microdon_45 Start: 34155, Stop: 34406, Start Num: 5
Candidate Starts for Microdon_45:
(1, 34014), (3, 34107), (Start: 5 @34155 has 12 MA's), (6, 34272), (7, 34278), (8, 34293), (9, 34320),

Gene: Mischief19_41 Start: 40047, Stop: 39778, Start Num: 2
Candidate Starts for Mischief19_41:
(Start: 2 @40047 has 1 MA's), (3, 40026), (4, 40002),

Gene: Shynx_46 Start: 34579, Stop: 34830, Start Num: 5
Candidate Starts for Shynx_46:
(Start: 5 @34579 has 12 MA's), (6, 34696), (7, 34702), (8, 34717), (9, 34744),

Gene: Stuff_46 Start: 34641, Stop: 34892, Start Num: 5
Candidate Starts for Stuff_46:
(3, 34593), (Start: 5 @34641 has 12 MA's), (6, 34758), (7, 34764), (9, 34806),

Gene: UNTPL_48 Start: 34686, Stop: 34937, Start Num: 5
Candidate Starts for UNTPL_48:
(1, 34545), (3, 34638), (Start: 5 @34686 has 12 MA's), (6, 34803), (7, 34809), (8, 34824), (9, 34851), (10, 34863),