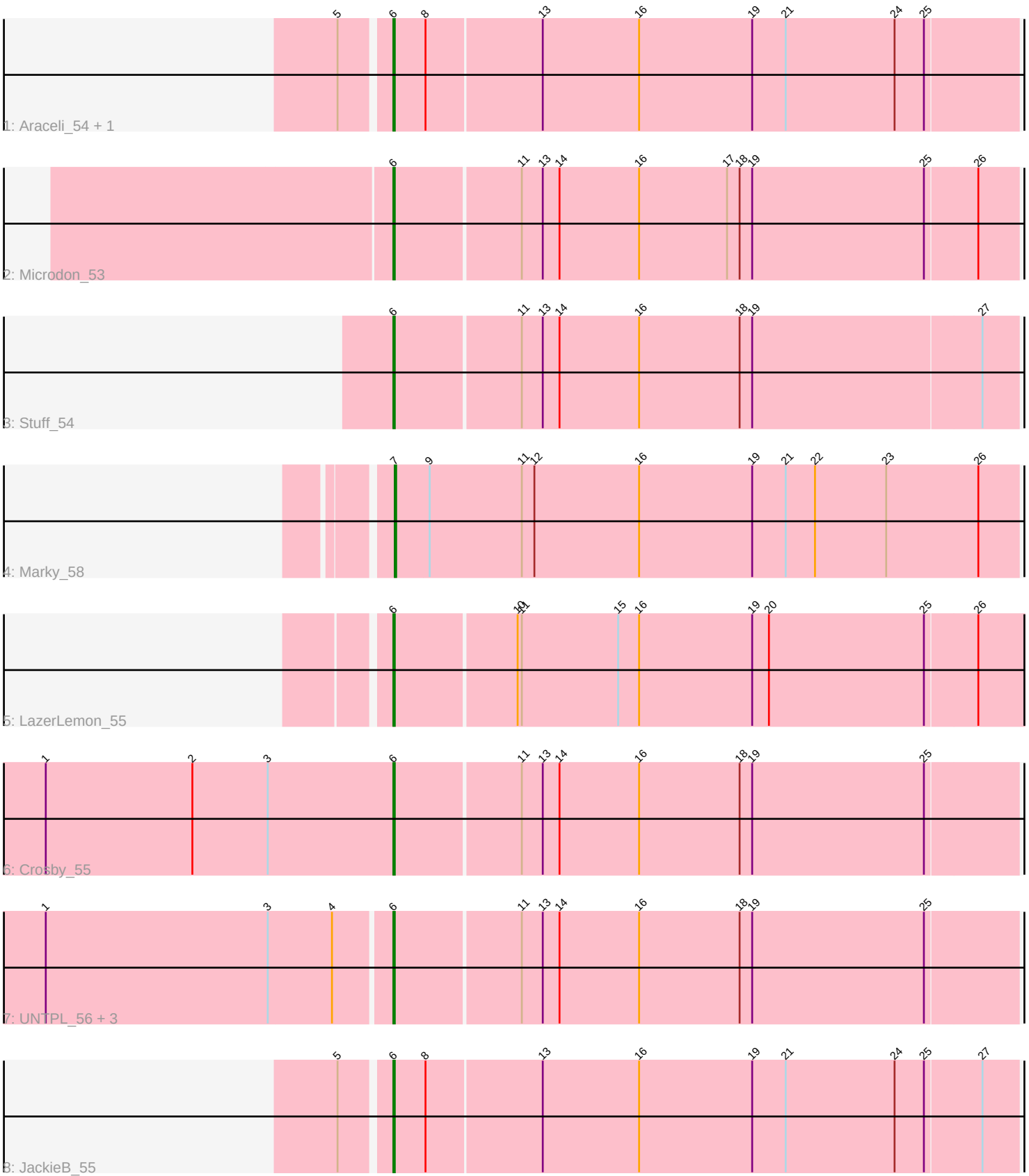
Pham 346337


5
6
8
13
16
19
21
24
25
1: Araceli_54 + 1
6
11
13
14
16
17
18
19
25
26
2: Microdon_53
6
11
13
14
16
18
19
27
3: Stuff_54
7
9
11
12
16
19
21
22
23
26
4: Marky_58
6
11
15
16
19
20
25
26
5: LazerLemon_55
1
2
3
6
11
13
14
16
18
19
25
6: Crosby_55
1
3
4
6
11
13
14
16
18
19
25
7: UNTPL_56 + 3
5
6
8
13
16
19
21
24
25
27
8: JackieB_55

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 346337 Report

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

Pham number 346337 has 12 members, 0 are drafts.

Phages represented in each track:
• Track 1 : Araceli_54, Henoccus_55
• Track 2 : Microdon_53
• Track 3 : Stuff_54
• Track 4 : Marky_58
• Track 5 : LazerLemon_55
• Track 6 : Crosby_55
• Track 7 : UNTPL_56, Intolerant_52, Shynx_54, Bogota_55
• Track 8 : JackieB_55

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

The start number called the most often in the published annotations is 6, it was called in 11 of the 12 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Araceli_54, Bogota_55, Crosby_55, Henoccus_55, Intolerant_52, JackieB_55, LazerLemon_55, Microdon_53, Shynx_54, Stuff_54, UNTPL_56,

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

Genes that do not have the "Most Annotated" start:
• Marky_58,

Summary by start number:

Start 6:
• Found in 11 of 12 (91.7%) of genes in pham
• Manual Annotations of this start: 11 of 12
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Araceli_54 (BH), Bogota_55 (BH), Crosby_55 (BH), Henoccus_55 (BH), Intolerant_52 (BH), JackieB_55 (BH), LazerLemon_55 (BH), Microdon_53 (BH), Shynx_54 (BH), Stuff_54 (BH), UNTPL_56 (BH),

Start 7:
• Found in 1 of 12 (8.3%) of genes in pham
• Manual Annotations of this start: 1 of 12
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Marky_58 (BH),

Summary by clusters:

There is one cluster represented in this pham: BH

Info for manual annotations of cluster BH:
•Start number 6 was manually annotated 11 times for cluster BH.
•Start number 7 was manually annotated 1 time for cluster BH.

Gene Information:

Gene: Araceli_54 Start: 38538, Stop: 39008, Start Num: 6
Candidate Starts for Araceli_54:
(5, 38505), (Start: 6 @38538 has 11 MA's), (8, 38559), (13, 38640), (16, 38709), (19, 38790), (21, 38814), (24, 38892), (25, 38913),

Gene: Bogota_55 Start: 38866, Stop: 39336, Start Num: 6
Candidate Starts for Bogota_55:
(1, 38623), (3, 38782), (4, 38827), (Start: 6 @38866 has 11 MA's), (11, 38953), (13, 38968), (14, 38980), (16, 39037), (18, 39109), (19, 39118), (25, 39241),

Gene: Crosby_55 Start: 38632, Stop: 39102, Start Num: 6
Candidate Starts for Crosby_55:
(1, 38383), (2, 38488), (3, 38542), (Start: 6 @38632 has 11 MA's), (11, 38719), (13, 38734), (14, 38746), (16, 38803), (18, 38875), (19, 38884), (25, 39007),

Gene: Henoccus_55 Start: 38561, Stop: 39031, Start Num: 6
Candidate Starts for Henoccus_55:
(5, 38528), (Start: 6 @38561 has 11 MA's), (8, 38582), (13, 38663), (16, 38732), (19, 38813), (21, 38837), (24, 38915), (25, 38936),

Gene: Intolerant_52 Start: 38567, Stop: 39037, Start Num: 6
Candidate Starts for Intolerant_52:
(1, 38324), (3, 38483), (4, 38528), (Start: 6 @38567 has 11 MA's), (11, 38654), (13, 38669), (14, 38681), (16, 38738), (18, 38810), (19, 38819), (25, 38942),

Gene: JackieB_55 Start: 38393, Stop: 38863, Start Num: 6
Candidate Starts for JackieB_55:
(5, 38360), (Start: 6 @38393 has 11 MA's), (8, 38414), (13, 38495), (16, 38564), (19, 38645), (21, 38669), (24, 38747), (25, 38768), (27, 38807),

Gene: LazerLemon_55 Start: 39090, Stop: 39566, Start Num: 6
Candidate Starts for LazerLemon_55:
(Start: 6 @39090 has 11 MA's), (10, 39174), (11, 39177), (15, 39246), (16, 39261), (19, 39342), (20, 39354), (25, 39465), (26, 39501),

Gene: Marky_58 Start: 39550, Stop: 40026, Start Num: 7
Candidate Starts for Marky_58:
(Start: 7 @39550 has 1 MA's), (9, 39574), (11, 39640), (12, 39649), (16, 39724), (19, 39805), (21, 39829), (22, 39850), (23, 39901), (26, 39967),

Gene: Microdon_53 Start: 38365, Stop: 38835, Start Num: 6
Candidate Starts for Microdon_53:
(Start: 6 @38365 has 11 MA's), (11, 38452), (13, 38467), (14, 38479), (16, 38536), (17, 38599), (18, 38608), (19, 38617), (25, 38740), (26, 38776),

Gene: Shynx_54 Start: 38803, Stop: 39273, Start Num: 6
Candidate Starts for Shynx_54:
(1, 38560), (3, 38719), (4, 38764), (Start: 6 @38803 has 11 MA's), (11, 38890), (13, 38905), (14, 38917), (16, 38974), (18, 39046), (19, 39055), (25, 39178),

Gene: Stuff_54 Start: 38872, Stop: 39342, Start Num: 6
Candidate Starts for Stuff_54:
(Start: 6 @38872 has 11 MA's), (11, 38959), (13, 38974), (14, 38986), (16, 39043), (18, 39115), (19, 39124), (27, 39286),

Gene: UNTPL_56 Start: 38901, Stop: 39371, Start Num: 6
Candidate Starts for UNTPL_56:
(1, 38658), (3, 38817), (4, 38862), (Start: 6 @38901 has 11 MA's), (11, 38988), (13, 39003), (14, 39015), (16, 39072), (18, 39144), (19, 39153), (25, 39276),