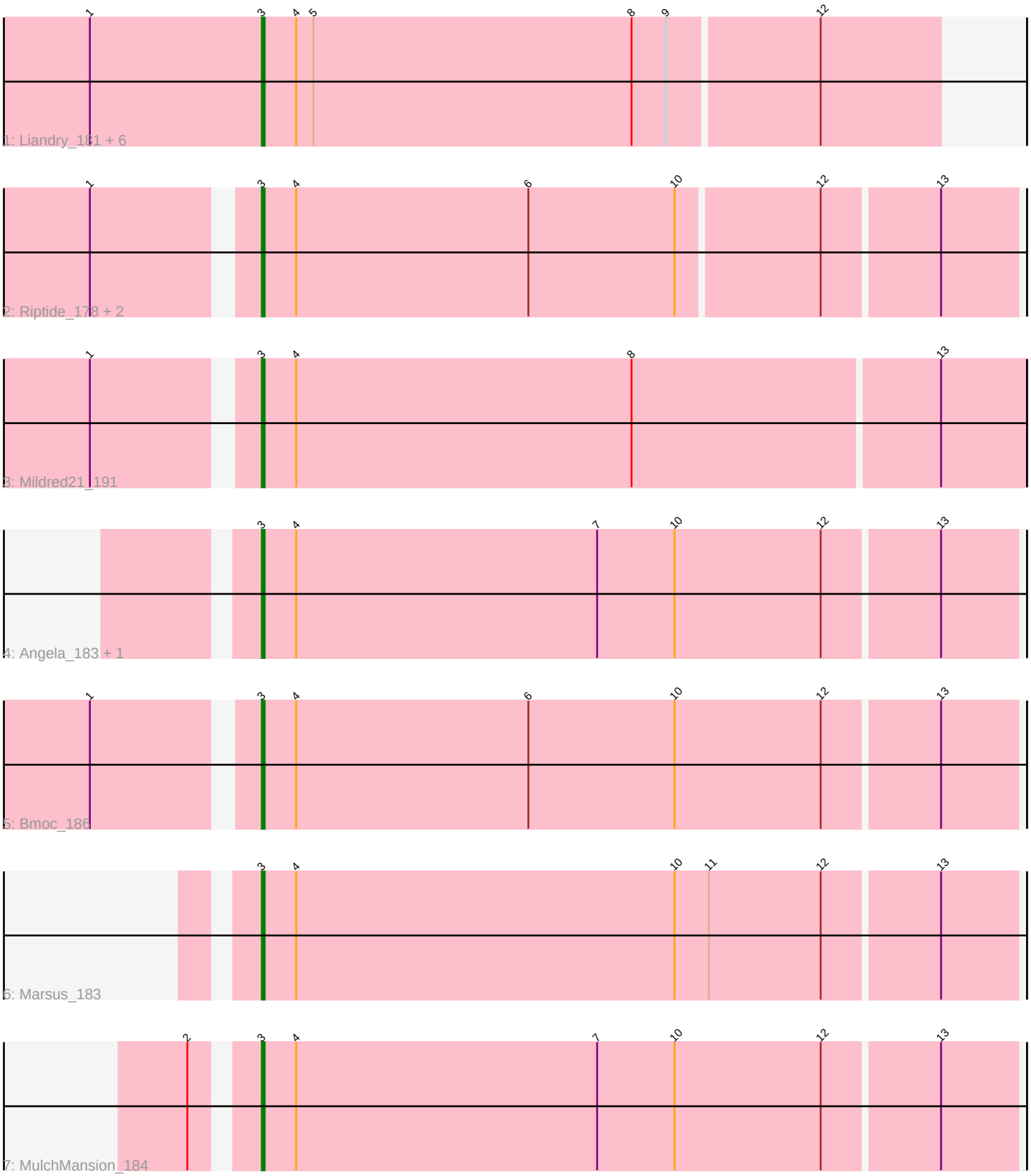
Pham 348118


1
3
4
5
8
9
12
1: Liandry_181 + 6
1
3
4
6
10
12
13
2: Riptide_178 + 2
1
3
4
8
13
3: Mildred21_191
3
4
7
10
12
13
4: Angela_183 + 1
1
3
4
6
10
12
13
5: Bmoc_186
3
4
10
11
12
13
6: Marsus_183
2
3
4
7
10
12
13
7: MulchMansion_184

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 348118 Report

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

Pham number 348118 has 16 members, 1 are drafts.

Phages represented in each track:
• Track 1 : Liandry_181, Bartholomune_181, FreddyDRoo_181, Eliot67_182, Shuckle_180, PinkiePie_181, Squillium_184
• Track 2 : Riptide_178, Anedea_185, LilSaint_178
• Track 3 : Mildred21_191
• Track 4 : Angela_183, LilMartin_181
• Track 5 : Bmoc_186
• Track 6 : Marsus_183
• Track 7 : MulchMansion_184

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

The start number called the most often in the published annotations is 3, it was called in 15 of the 15 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Anedea_185, Angela_183, Bartholomune_181, Bmoc_186, Eliot67_182, FreddyDRoo_181, Liandry_181, LilMartin_181, LilSaint_178, Marsus_183, Mildred21_191, MulchMansion_184, PinkiePie_181, Riptide_178, Shuckle_180, Squillium_184,

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

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

Summary by start number:

Start 3:
• Found in 16 of 16 (100.0%) of genes in pham
• Manual Annotations of this start: 15 of 15
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Anedea_185 (BE1), Angela_183 (BE1), Bartholomune_181 (BE1), Bmoc_186 (BE1), Eliot67_182 (BE1), FreddyDRoo_181

(BE1), Liandry_181 (BE1), LilMartin_181 (BE1), LilSaint_178 (BE1), Marsus_183 (BE1), Mildred21_191 (BE1), MulchMansion_184 (BE1), PinkiePie_181 (BE1), Riptide_178 (BE1), Shuckle_180 (BE1), Squillium_184 (BE1),

Summary by clusters:

There is one cluster represented in this pham: BE1

Info for manual annotations of cluster BE1:
•Start number 3 was manually annotated 15 times for cluster BE1.

Gene Information:

Gene: Anedea_185 Start: 96500, Stop: 96757, Start Num: 3
Candidate Starts for Anedea_185:
(1, 96449), (Start: 3 @96500 has 15 MA's), (4, 96512), (6, 96593), (10, 96644), (12, 96692), (13, 96731),

Gene: Angela_183 Start: 96479, Stop: 96739, Start Num: 3
Candidate Starts for Angela_183:
(Start: 3 @96479 has 15 MA's), (4, 96491), (7, 96596), (10, 96623), (12, 96674), (13, 96713),

Gene: Bartholomune_181 Start: 96007, Stop: 96240, Start Num: 3
Candidate Starts for Bartholomune_181:
(1, 95947), (Start: 3 @96007 has 15 MA's), (4, 96019), (5, 96025), (8, 96136), (9, 96148), (12, 96199),

Gene: Bmoc_186 Start: 97251, Stop: 97511, Start Num: 3
Candidate Starts for Bmoc_186:
(1, 97200), (Start: 3 @97251 has 15 MA's), (4, 97263), (6, 97344), (10, 97395), (12, 97446), (13, 97485),

Gene: Eliot67_182 Start: 96043, Stop: 96276, Start Num: 3
Candidate Starts for Eliot67_182:
(1, 95983), (Start: 3 @96043 has 15 MA's), (4, 96055), (5, 96061), (8, 96172), (9, 96184), (12, 96235),

Gene: FreddyDRoo_181 Start: 96043, Stop: 96276, Start Num: 3
Candidate Starts for FreddyDRoo_181:
(1, 95983), (Start: 3 @96043 has 15 MA's), (4, 96055), (5, 96061), (8, 96172), (9, 96184), (12, 96235),

Gene: Liandry_181 Start: 96750, Stop: 96983, Start Num: 3
Candidate Starts for Liandry_181:
(1, 96690), (Start: 3 @96750 has 15 MA's), (4, 96762), (5, 96768), (8, 96879), (9, 96891), (12, 96942),

Gene: LilMartin_181 Start: 96098, Stop: 96358, Start Num: 3
Candidate Starts for LilMartin_181:
(Start: 3 @96098 has 15 MA's), (4, 96110), (7, 96215), (10, 96242), (12, 96293), (13, 96332),

Gene: LilSaint_178 Start: 95662, Stop: 95919, Start Num: 3
Candidate Starts for LilSaint_178:
(1, 95611), (Start: 3 @95662 has 15 MA's), (4, 95674), (6, 95755), (10, 95806), (12, 95854), (13, 95893),

Gene: Marsus_183 Start: 97053, Stop: 97313, Start Num: 3
Candidate Starts for Marsus_183:
(Start: 3 @97053 has 15 MA's), (4, 97065), (10, 97197), (11, 97209), (12, 97248), (13, 97287),

Gene: Mildred21_191 Start: 96364, Stop: 96627, Start Num: 3
Candidate Starts for Mildred21_191:
(1, 96313), (Start: 3 @96364 has 15 MA's), (4, 96376), (8, 96493), (13, 96598),

Gene: MulchMansion_184 Start: 97478, Stop: 97738, Start Num: 3
Candidate Starts for MulchMansion_184:
(2, 97460), (Start: 3 @97478 has 15 MA's), (4, 97490), (7, 97595), (10, 97622), (12, 97673), (13, 97712),

Gene: PinkiePie_181 Start: 96750, Stop: 96983, Start Num: 3
Candidate Starts for PinkiePie_181:
(1, 96690), (Start: 3 @96750 has 15 MA's), (4, 96762), (5, 96768), (8, 96879), (9, 96891), (12, 96942),

Gene: Riptide_178 Start: 95139, Stop: 95396, Start Num: 3
Candidate Starts for Riptide_178:
(1, 95088), (Start: 3 @95139 has 15 MA's), (4, 95151), (6, 95232), (10, 95283), (12, 95331), (13, 95370),

Gene: Shuckle_180 Start: 97599, Stop: 97832, Start Num: 3
Candidate Starts for Shuckle_180:
(1, 97539), (Start: 3 @97599 has 15 MA's), (4, 97611), (5, 97617), (8, 97728), (9, 97740), (12, 97791),

Gene: Squillium_184 Start: 96752, Stop: 96985, Start Num: 3
Candidate Starts for Squillium_184:
(1, 96692), (Start: 3 @96752 has 15 MA's), (4, 96764), (5, 96770), (8, 96881), (9, 96893), (12, 96944),