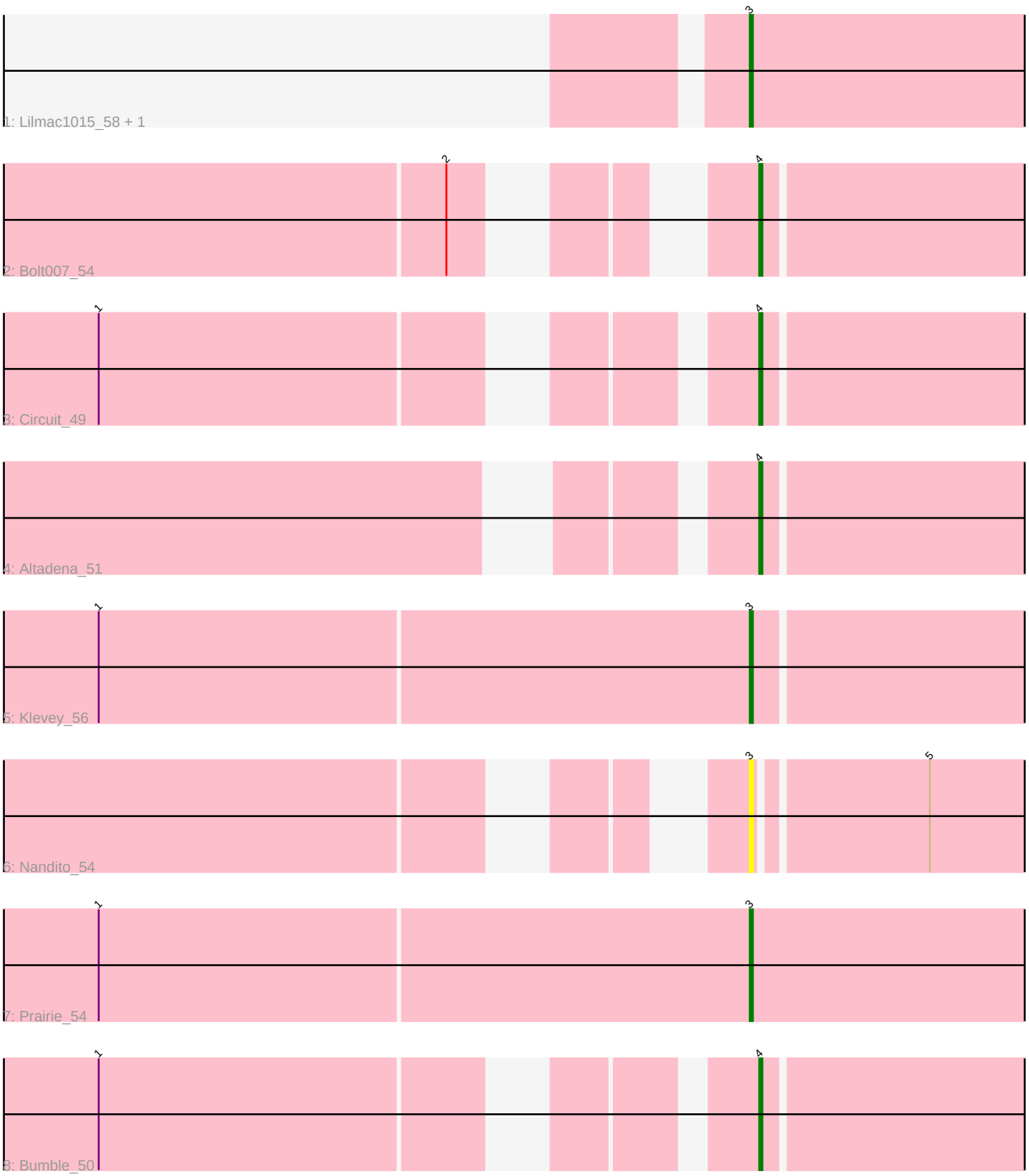
Pham 268647


3
1: Lilmac1015_58 + 1
2
4
2: Bolt007_54
1
4
3: Circuit_49
4
4: Altadena_51
1
3
5: Klevey_56
3
5
6: Nandito_54
1
3
7: Prairie_54
1
4
8: Bumble_50

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 268647 Report

This analysis was run 02/07/26 on database version 634.

Pham number 268647 has 9 members, 2 are drafts.

Phages represented in each track:
• Track 1 : Lilmac1015_58, CalWood4100_58
• Track 2 : Bolt007_54
• Track 3 : Circuit_49
• Track 4 : Altadena_51
• Track 5 : Klevey_56
• Track 6 : Nandito_54
• Track 7 : Prairie_54
• Track 8 : Bumble_50

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 7 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Altadena_51, Bolt007_54, Bumble_50, Circuit_49,

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

Genes that do not have the "Most Annotated" start:
• CalWood4100_58, Klevey_56, Lilmac1015_58, Nandito_54, Prairie_54,

Summary by start number:

Start 3:
• Found in 5 of 9 (55.6%) of genes in pham
• Manual Annotations of this start: 3 of 7
• Called 100.0% of time when present
• Phage (with cluster) where this start called: CalWood4100_58 (FH), Klevey_56 (FH), Lilmac1015_58 (FH), Nandito_54 (FH), Prairie_54 (FH),

Start 4:
• Found in 4 of 9 (44.4%) of genes in pham

• Manual Annotations of this start: 4 of 7
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Altadena_51 (FH), Bolt007_54 (FH), Bumble_50 (FH), Circuit_49 (FH),

Summary by clusters:

There is one cluster represented in this pham: FH

Info for manual annotations of cluster FH:
•Start number 3 was manually annotated 3 times for cluster FH.
•Start number 4 was manually annotated 4 times for cluster FH.

Gene Information:

Gene: Altadena_51 Start: 35364, Stop: 35657, Start Num: 4
Candidate Starts for Altadena_51:
(Start: 4 @35364 has 4 MA's),

Gene: Bolt007_54 Start: 38369, Stop: 38677, Start Num: 4
Candidate Starts for Bolt007_54:
(2, 38312), (Start: 4 @38369 has 4 MA's),

Gene: Bumble_50 Start: 36095, Stop: 36391, Start Num: 4
Candidate Starts for Bumble_50:
(1, 35921), (Start: 4 @36095 has 4 MA's),

Gene: CalWood4100_58 Start: 38403, Stop: 38720, Start Num: 3
Candidate Starts for CalWood4100_58:
(Start: 3 @38403 has 3 MA's),

Gene: Circuit_49 Start: 36728, Stop: 37021, Start Num: 4
Candidate Starts for Circuit_49:
(1, 36554), (Start: 4 @36728 has 4 MA's),

Gene: Klevey_56 Start: 37948, Stop: 38259, Start Num: 3
Candidate Starts for Klevey_56:
(1, 37744), (Start: 3 @37948 has 3 MA's),

Gene: Lilmac1015_58 Start: 38403, Stop: 38720, Start Num: 3
Candidate Starts for Lilmac1015_58:
(Start: 3 @38403 has 3 MA's),

Gene: Nandito_54 Start: 38017, Stop: 38322, Start Num: 3
Candidate Starts for Nandito_54:
(Start: 3 @38017 has 3 MA's), (5, 38068),

Gene: Prairie_54 Start: 37307, Stop: 37621, Start Num: 3
Candidate Starts for Prairie_54:
(1, 37103), (Start: 3 @37307 has 3 MA's),