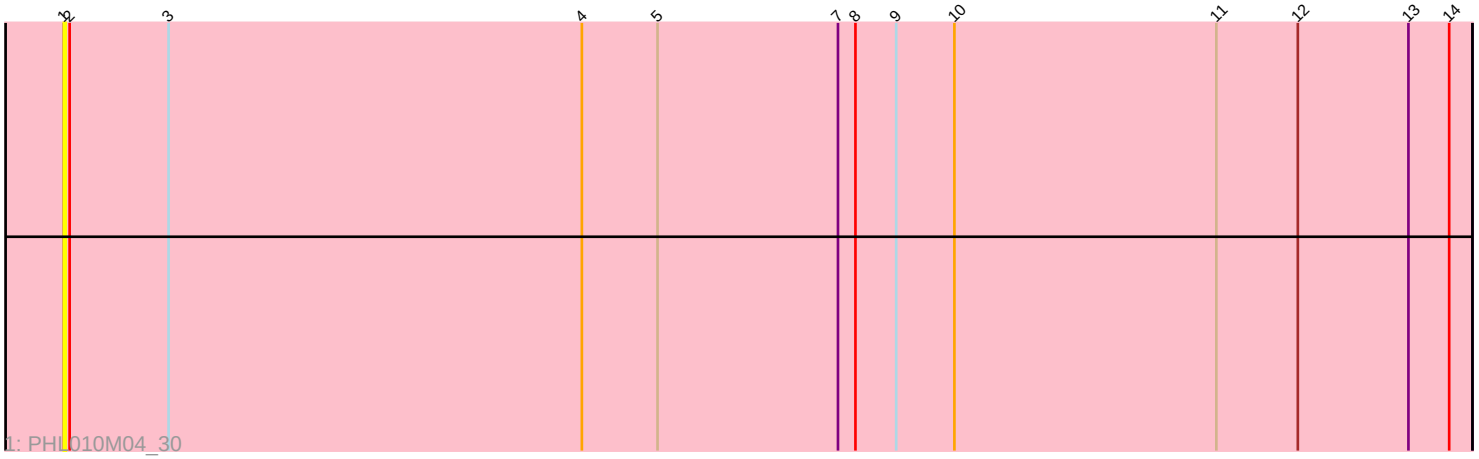
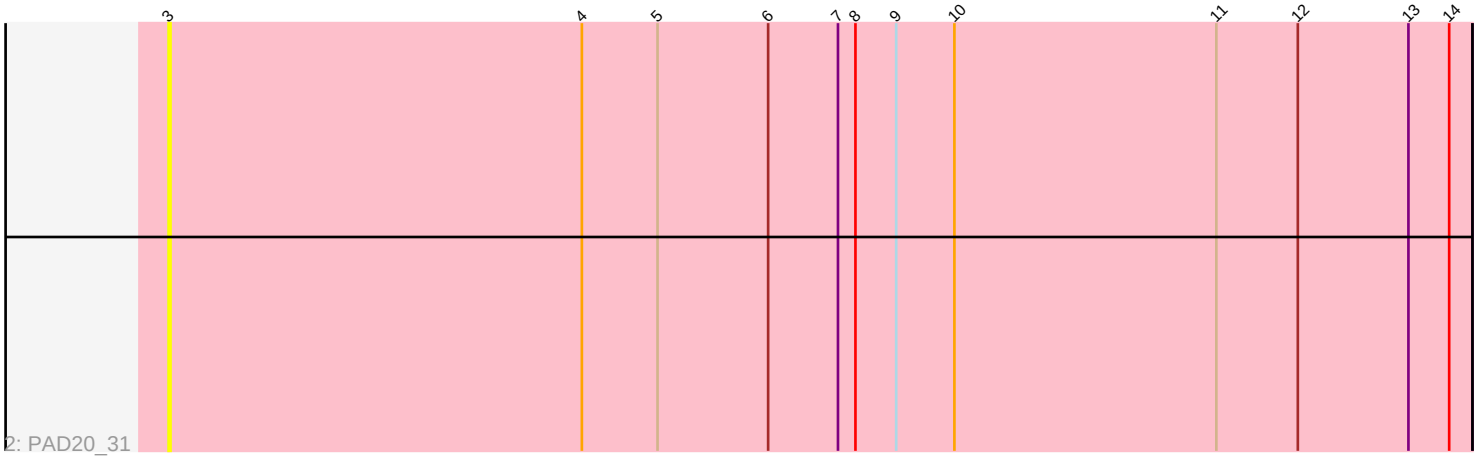
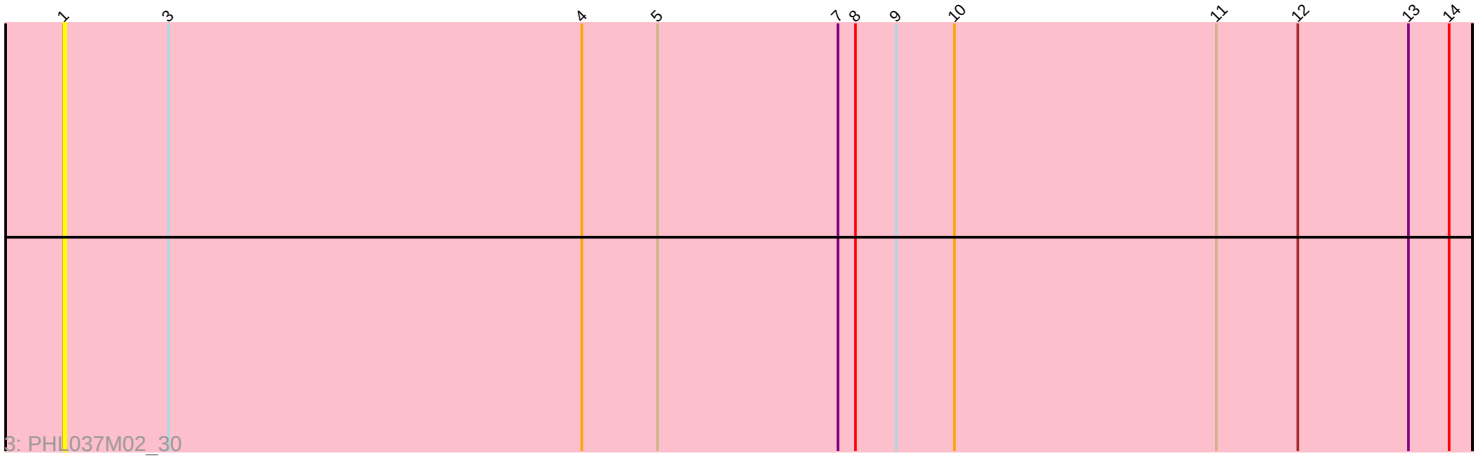
Pham 348563


1
2
3
4
5
7
8
9
10
11
12
13
14
1: PHL010M04_30


3
4
5
6
7
8
9
10
11
12
13
14
2: PAD20_31


1
3
4
5
7
8
9
10
11
12
13
14
3: PHL037M02_30

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 348563 Report

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

Pham number 348563 has 3 members, 3 are drafts.

Phages represented in each track:
• Track 1 : PHL010M04_30
• Track 2 : PAD20_31
• Track 3 : PHL037M02_30

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

This pham is comprised of all draft annotations. There are no annotations to summarize.
Summary by start number:

Start 1:
• Found in 2 of 3 (66.7%) of genes in pham
• No Manual Annotations of this start.
• Called 100.0% of time when present
• Phage (with cluster) where this start called: PHL010M04_30 (BU), PHL037M02_30 (BU),

Start 3:
• Found in 3 of 3 (100.0%) of genes in pham
• No Manual Annotations of this start.
• Called 33.3% of time when present
• Phage (with cluster) where this start called: PAD20_31 (BU),

Summary by clusters:

There is one cluster represented in this pham: BU

Gene Information:

Gene: PAD20_31 Start: 21112, Stop: 20441, Start Num: 3
Candidate Starts for PAD20_31:

(3, 21112), (4, 20899), (5, 20860), (6, 20803), (7, 20767), (8, 20758), (9, 20737), (10, 20707), (11, 20572), (12, 20530), (13, 20473), (14, 20452),

Gene: PHL010M04_30 Start: 21406, Stop: 20681, Start Num: 1
Candidate Starts for PHL010M04_30:
(1, 21406), (2, 21403), (3, 21352), (4, 21139), (5, 21100), (7, 21007), (8, 20998), (9, 20977), (10, 20947), (11, 20812), (12, 20770), (13, 20713), (14, 20692),

Gene: PHL037M02_30 Start: 21390, Stop: 20665, Start Num: 1
Candidate Starts for PHL037M02_30:
(1, 21390), (3, 21336), (4, 21123), (5, 21084), (7, 20991), (8, 20982), (9, 20961), (10, 20931), (11, 20796), (12, 20754), (13, 20697), (14, 20676),