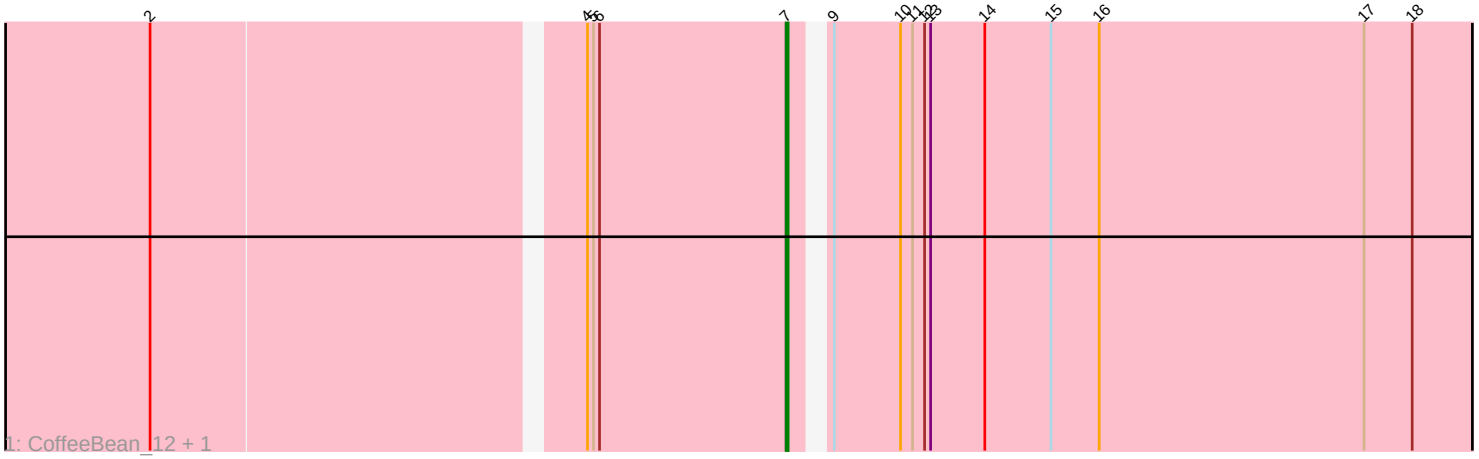
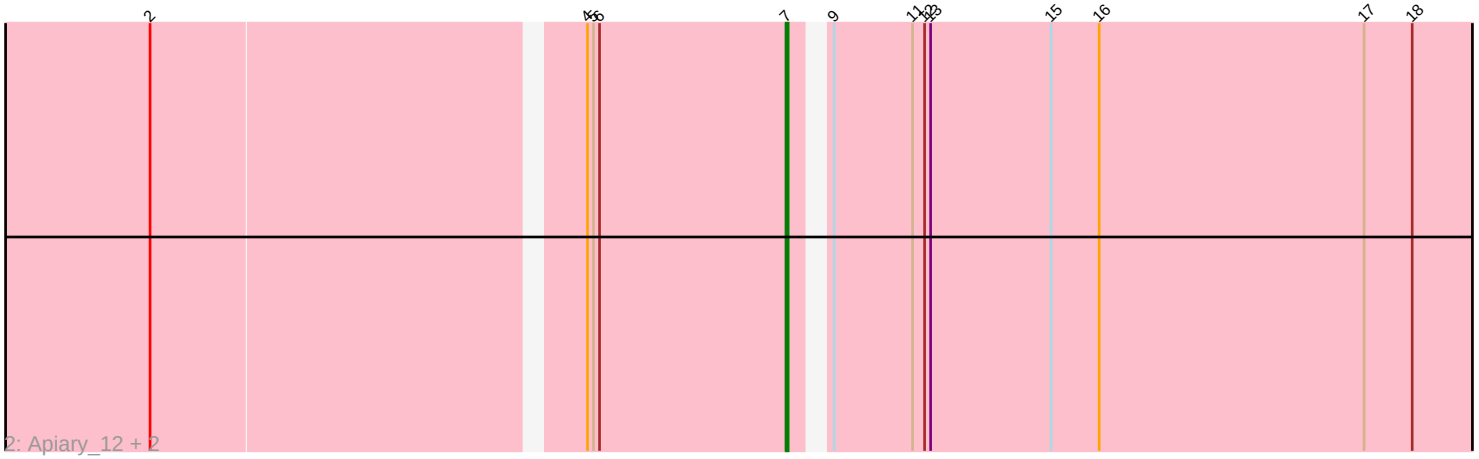
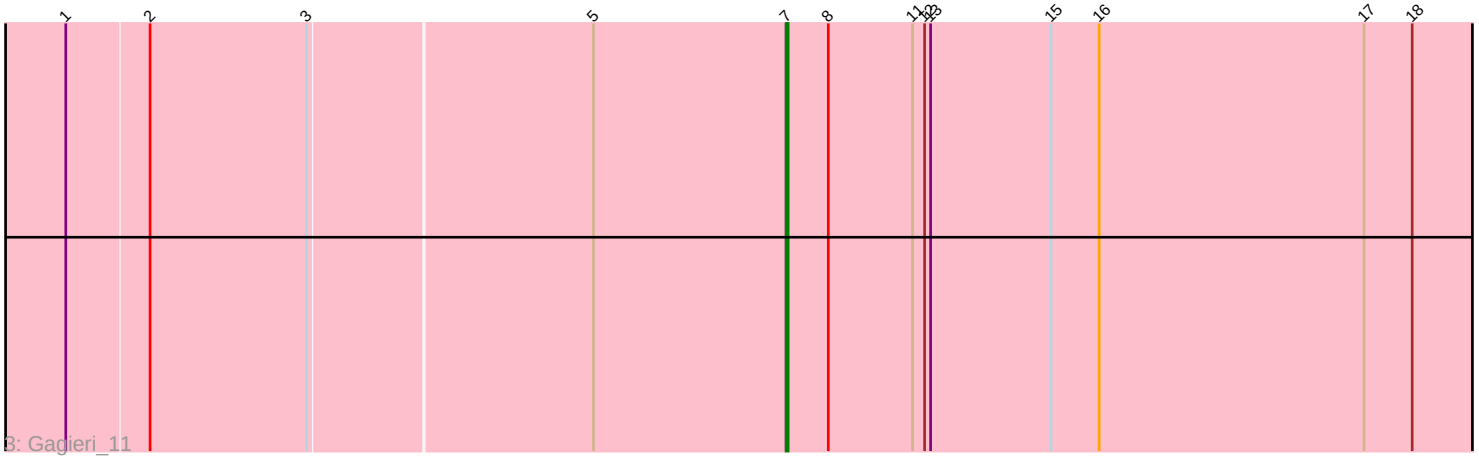
Pham 346544


2
7
9
14
15
16
17
18
1: CoffeeBean_12 + 1


2
7
9
15
16
17
18
2: Apiary_12 + 2


1
2
3
5
7
8
15
16
17
18
3: Gagieri_11

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 346544 Report

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

Pham number 346544 has 6 members, 0 are drafts.

Phages represented in each track:
• Track 1 : CoffeeBean_12, Maselop_12
• Track 2 : Apiary_12, Polyyuki_12, Braxoaddie_12
• Track 3 : Gagieri_11

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

The start number called the most often in the published annotations is 7, it was called in 6 of the 6 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Apiary_12, Braxoaddie_12, CoffeeBean_12, Gagieri_11, Maselop_12, Polyyuki_12,

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 7:
• Found in 6 of 6 (100.0%) of genes in pham
• Manual Annotations of this start: 6 of 6
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Apiary_12 (CR6), Braxoaddie_12 (CR6), CoffeeBean_12 (CR6), Gagieri_11 (CR6), Maselop_12 (CR6), Polyyuki_12 (CR6),

Summary by clusters:

There is one cluster represented in this pham: CR6

Info for manual annotations of cluster CR6:
•Start number 7 was manually annotated 6 times for cluster CR6.

Gene Information:

Gene: Apiary_12 Start: 6144, Stop: 6515, Start Num: 7
Candidate Starts for Apiary_12:
(2, 5841), (4, 6045), (5, 6048), (6, 6051), (Start: 7 @6144 has 6 MA's), (9, 6156), (11, 6195), (12, 6201), (13, 6204), (15, 6264), (16, 6288), (17, 6420), (18, 6444),

Gene: Braxoaddie_12 Start: 6153, Stop: 6524, Start Num: 7
Candidate Starts for Braxoaddie_12:
(2, 5850), (4, 6054), (5, 6057), (6, 6060), (Start: 7 @6153 has 6 MA's), (9, 6165), (11, 6204), (12, 6210), (13, 6213), (15, 6273), (16, 6297), (17, 6429), (18, 6453),

Gene: CoffeeBean_12 Start: 6068, Stop: 6439, Start Num: 7
Candidate Starts for CoffeeBean_12:
(2, 5765), (4, 5969), (5, 5972), (6, 5975), (Start: 7 @6068 has 6 MA's), (9, 6080), (10, 6113), (11, 6119), (12, 6125), (13, 6128), (14, 6155), (15, 6188), (16, 6212), (17, 6344), (18, 6368),

Gene: Gagieri_11 Start: 5655, Stop: 6035, Start Num: 7
Candidate Starts for Gagieri_11:
(1, 5304), (2, 5343), (3, 5421), (5, 5559), (Start: 7 @5655 has 6 MA's), (8, 5676), (11, 5718), (12, 5724), (13, 5727), (15, 5787), (16, 5811), (17, 5943), (18, 5967),

Gene: Maselop_12 Start: 6144, Stop: 6515, Start Num: 7
Candidate Starts for Maselop_12:
(2, 5841), (4, 6045), (5, 6048), (6, 6051), (Start: 7 @6144 has 6 MA's), (9, 6156), (10, 6189), (11, 6195), (12, 6201), (13, 6204), (14, 6231), (15, 6264), (16, 6288), (17, 6420), (18, 6444),

Gene: Polyyuki_12 Start: 6155, Stop: 6526, Start Num: 7
Candidate Starts for Polyyuki_12:
(2, 5852), (4, 6056), (5, 6059), (6, 6062), (Start: 7 @6155 has 6 MA's), (9, 6167), (11, 6206), (12, 6212), (13, 6215), (15, 6275), (16, 6299), (17, 6431), (18, 6455),