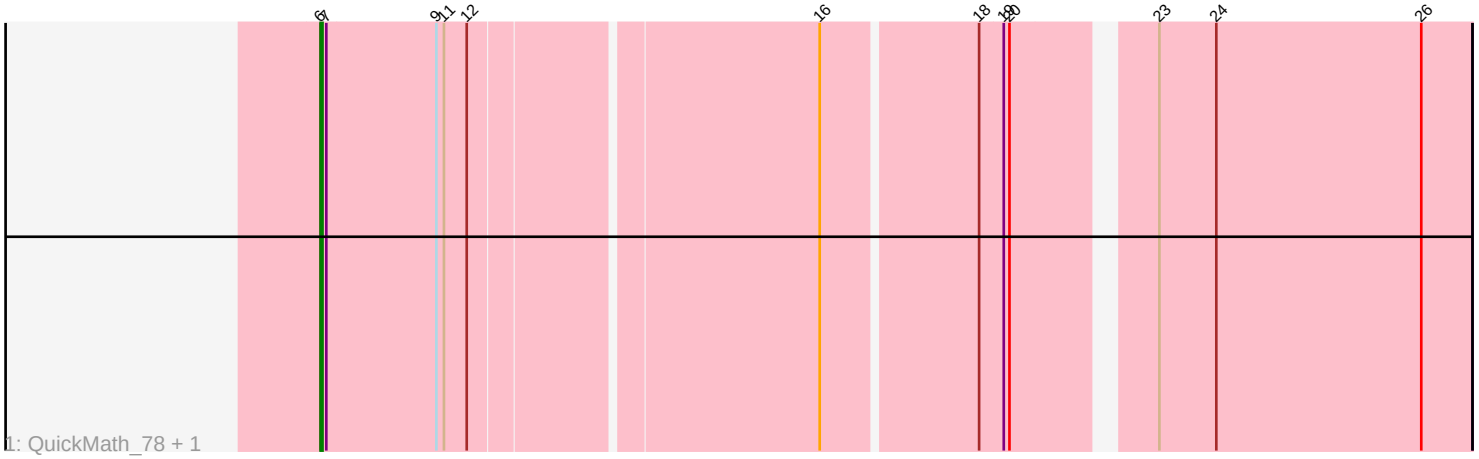
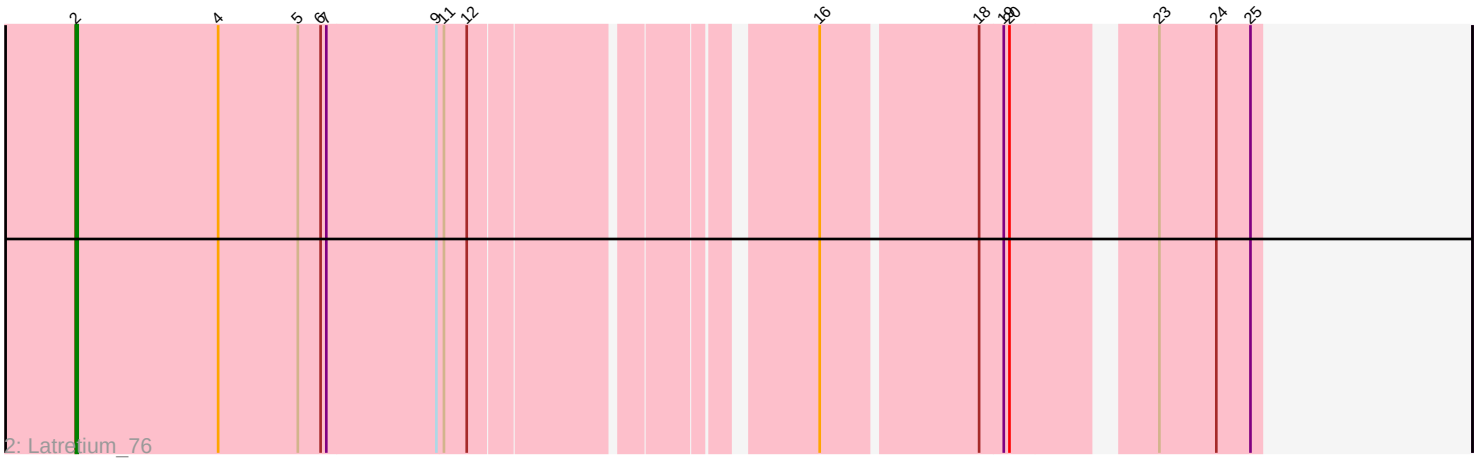
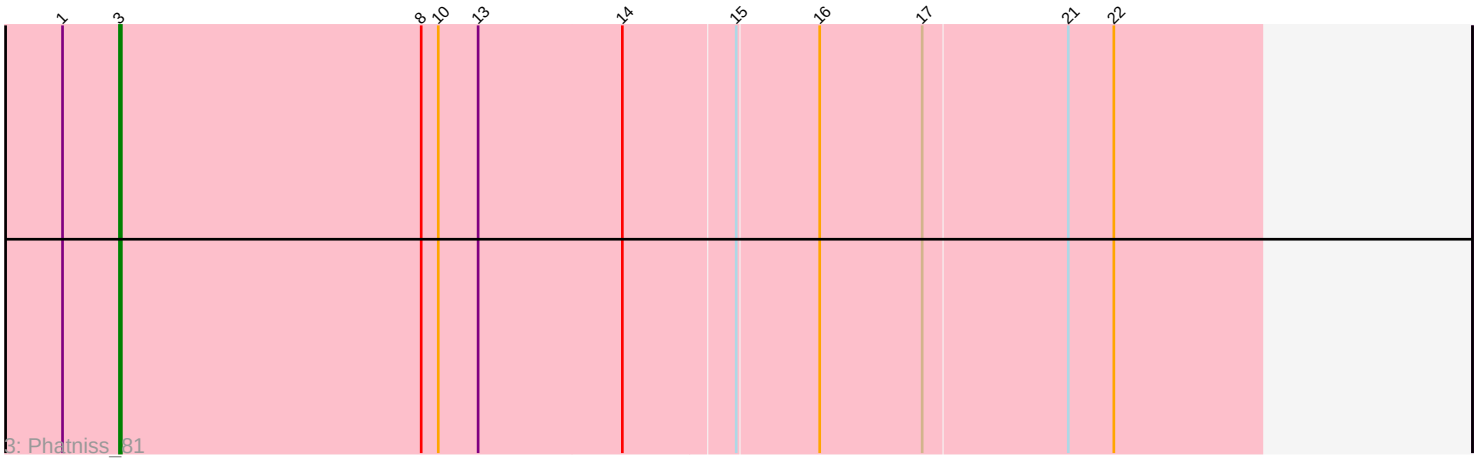
Pham 348462


6
9
11
12
16
18
19
20
23
24
26
1: QuickMath_78 + 1


2
4
5
6
9
11
12
16
18
19
20
23
24
25
2: Latrelium_76


1
3
8
10
13
14
15
16
17
21
22
3: Phatniss_81

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 348462 Report

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

Pham number 348462 has 4 members, 0 are drafts.

Phages represented in each track:
• Track 1 : QuickMath_78, Juice456_76
• Track 2 : Latretium_76
• Track 3 : Phatniss_81

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 2 of the 4 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Juice456_76, QuickMath_78,

Genes that have the "Most Annotated" start but do not call it:
• Latretium_76,

Genes that do not have the "Most Annotated" start:
• Phatniss_81,

Summary by start number:

Start 2:
• Found in 1 of 4 (25.0%) of genes in pham
• Manual Annotations of this start: 1 of 4
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Latretium_76 (F1),

Start 3:
• Found in 1 of 4 (25.0%) of genes in pham
• Manual Annotations of this start: 1 of 4
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Phatniss_81 (F1),

Start 6:
• Found in 3 of 4 (75.0%) of genes in pham

• Manual Annotations of this start: 2 of 4
• Called 66.7% of time when present
• Phage (with cluster) where this start called: Juice456_76 (F1), QuickMath_78 (F1),

Summary by clusters:

There is one cluster represented in this pham: F1

Info for manual annotations of cluster F1:
•Start number 2 was manually annotated 1 time for cluster F1.
•Start number 3 was manually annotated 1 time for cluster F1.
•Start number 6 was manually annotated 2 times for cluster F1.

Gene Information:

Gene: Juice456_76 Start: 47271, Stop: 47840, Start Num: 6
Candidate Starts for Juice456_76:
(Start: 6 @47271 has 2 MA's), (7, 47274), (9, 47331), (11, 47334), (12, 47346), (16, 47520), (18, 47598), (19, 47610), (20, 47613), (23, 47676), (24, 47706), (26, 47814),

Gene: Latretium_76 Start: 46342, Stop: 46914, Start Num: 2
Candidate Starts for Latretium_76:
(Start: 2 @46342 has 1 MA's), (4, 46417), (5, 46459), (Start: 6 @46471 has 2 MA's), (7, 46474), (9, 46531), (11, 46534), (12, 46546), (16, 46705), (18, 46783), (19, 46795), (20, 46798), (23, 46861), (24, 46891), (25, 46909),

Gene: Phatniss_81 Start: 48507, Stop: 49100, Start Num: 3
Candidate Starts for Phatniss_81:
(1, 48477), (Start: 3 @48507 has 1 MA's), (8, 48666), (10, 48675), (13, 48696), (14, 48771), (15, 48828), (16, 48870), (17, 48924), (21, 48999), (22, 49023),

Gene: QuickMath_78 Start: 47623, Stop: 48192, Start Num: 6
Candidate Starts for QuickMath_78:
(Start: 6 @47623 has 2 MA's), (7, 47626), (9, 47683), (11, 47686), (12, 47698), (16, 47872), (18, 47950), (19, 47962), (20, 47965), (23, 48028), (24, 48058), (26, 48166),