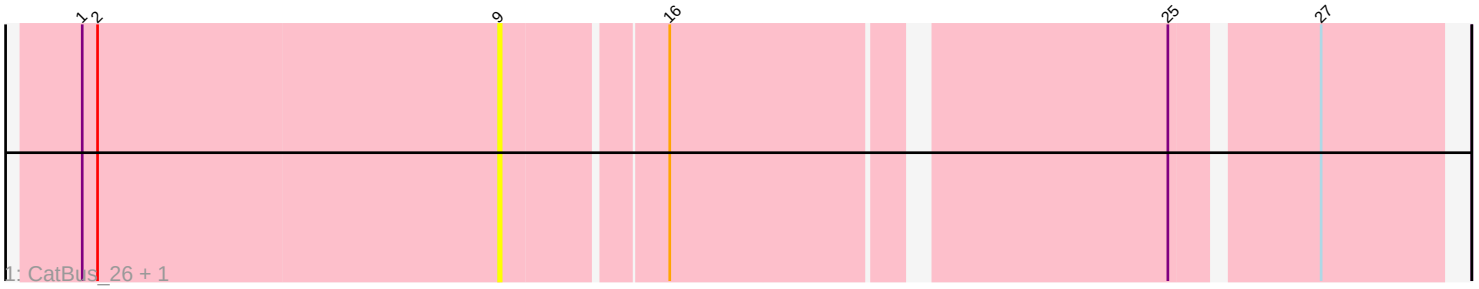
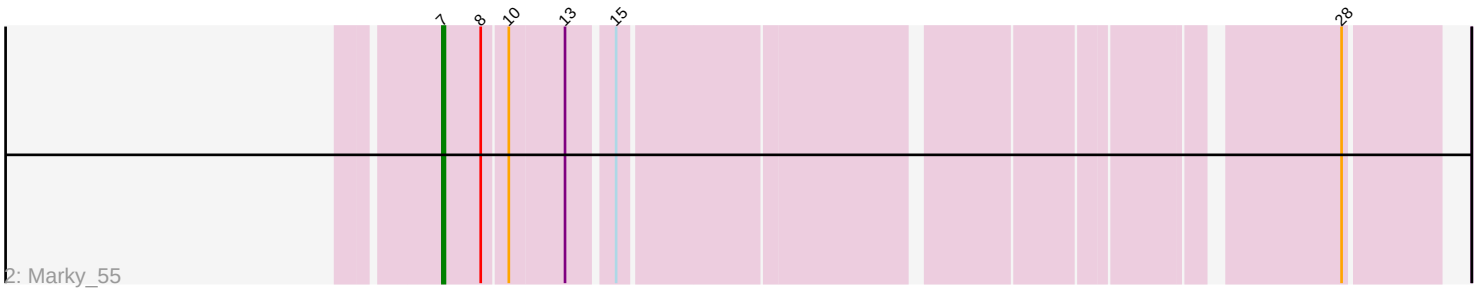
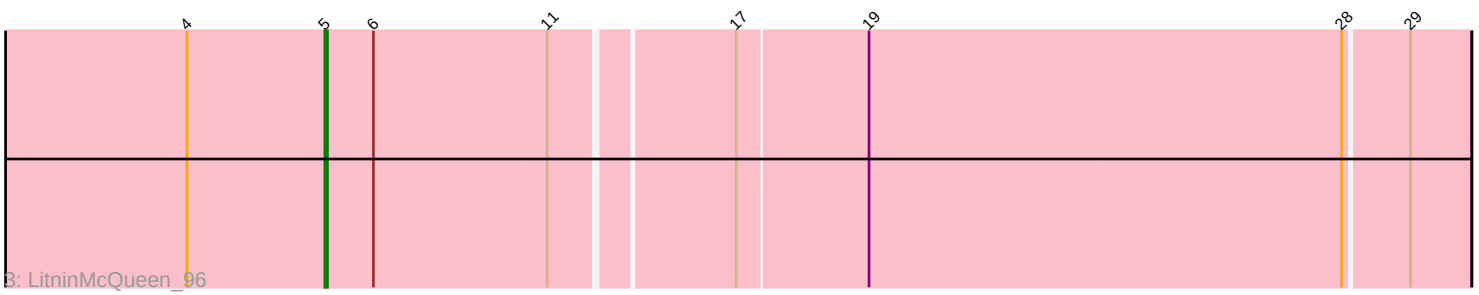
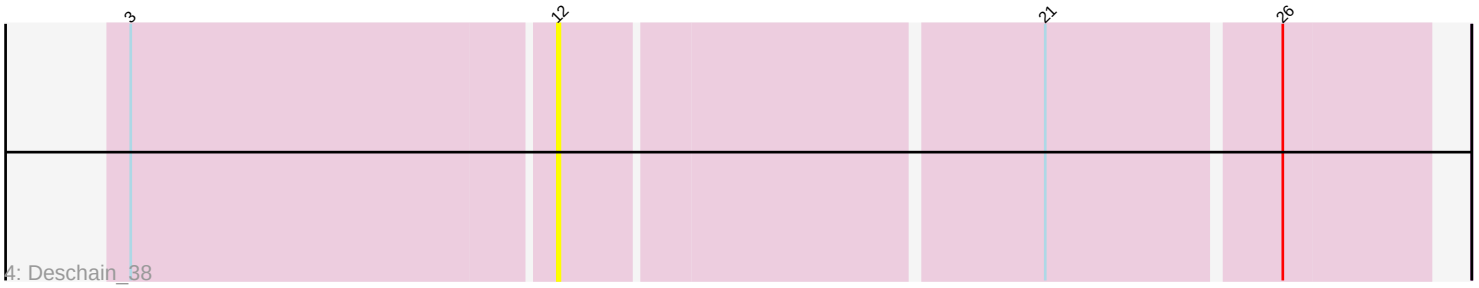
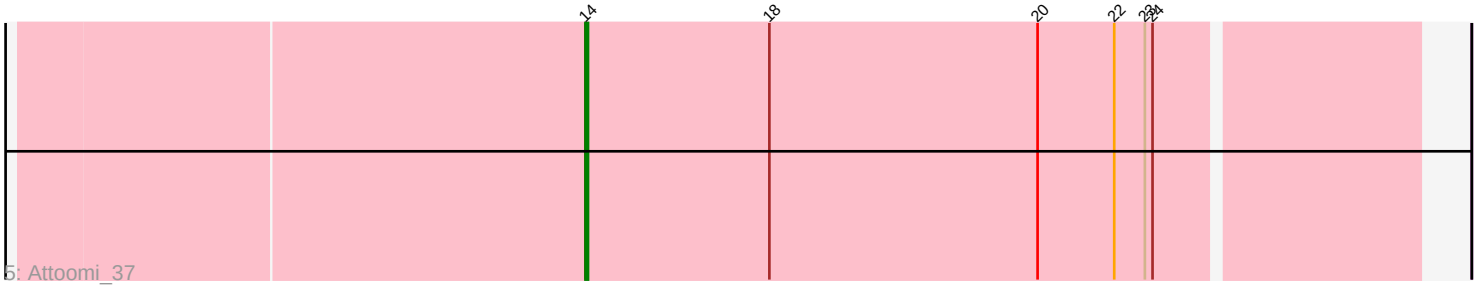
Pham 348396


1
2
9
16
25
27
1: CatBus_26 + 1


7
8
10
13
15
28
2: Marky_55


4
5
6
11
17
19
28
29
3: LitninMcQueen_96


3
12
21
26
4: Deschain_38


14
18
20
22
23
24
5: Attoomi_37

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 348396 Report

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

Pham number 348396 has 6 members, 3 are drafts.

Phages represented in each track:
• Track 1 : CatBus_26, DirtDevil_26
• Track 2 : Marky_55
• Track 3 : LitninMcQueen_96
• Track 4 : Deschain_38
• Track 5 : Attoomi_37

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

The start number called the most often in the published annotations is 14, it was called in 1 of the 3 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Attoomi_37,

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

Genes that do not have the "Most Annotated" start:
• CatBus_26, Deschain_38, DirtDevil_26, LitninMcQueen_96, Marky_55,

Summary by start number:

Start 5:
• Found in 1 of 6 (16.7%) of genes in pham
• Manual Annotations of this start: 1 of 3
• Called 100.0% of time when present
• Phage (with cluster) where this start called: LitninMcQueen_96 (DN1),

Start 7:
• Found in 1 of 6 (16.7%) of genes in pham
• Manual Annotations of this start: 1 of 3
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Marky_55 (BH),

Start 9:
• Found in 2 of 6 (33.3%) of genes in pham
• No Manual Annotations of this start.
• Called 100.0% of time when present
• Phage (with cluster) where this start called: CatBus_26 (A1), DirtDevil_26 (A1),

Start 12:
• Found in 1 of 6 (16.7%) of genes in pham
• No Manual Annotations of this start.
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Deschain_38 (ED2),

Start 14:
• Found in 1 of 6 (16.7%) of genes in pham
• Manual Annotations of this start: 1 of 3
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Attoomi_37 (singleton),

Summary by clusters:

There are 5 clusters represented in this pham: A1, ED2, singleton, BH, DN1,

Info for manual annotations of cluster BH:
•Start number 7 was manually annotated 1 time for cluster BH.

Info for manual annotations of cluster DN1:
•Start number 5 was manually annotated 1 time for cluster DN1.

Gene Information:

Gene: Attoomi_37 Start: 30445, Stop: 30765, Start Num: 14
Candidate Starts for Attoomi_37:
(Start: 14 @30445 has 1 MA's), (18, 30517), (20, 30622), (22, 30652), (23, 30664), (24, 30667),

Gene: CatBus_26 Start: 20017, Stop: 20355, Start Num: 9
Candidate Starts for CatBus_26:
(1, 19855), (2, 19861), (9, 20017), (16, 20077), (25, 20257), (27, 20308),

Gene: Deschain_38 Start: 12649, Stop: 12972, Start Num: 12
Candidate Starts for Deschain_38:
(3, 12487), (12, 12649), (21, 12829), (26, 12916),

Gene: DirtDevil_26 Start: 19825, Stop: 20163, Start Num: 9
Candidate Starts for DirtDevil_26:
(1, 19663), (2, 19669), (9, 19825), (16, 19885), (25, 20065), (27, 20116),

Gene: LitninMcQueen_96 Start: 51431, Stop: 51859, Start Num: 5
Candidate Starts for LitninMcQueen_96:

(4, 51377), (Start: 5 @51431 has 1 MA's), (6, 51449), (11, 51515), (17, 51581), (19, 51629), (28, 51812), (29, 51836),

Gene: Marky_55 Start: 37885, Stop: 38232, Start Num: 7
Candidate Starts for Marky_55:
(Start: 7 @37885 has 1 MA's), (8, 37900), (10, 37909), (13, 37930), (15, 37945), (28, 38197),