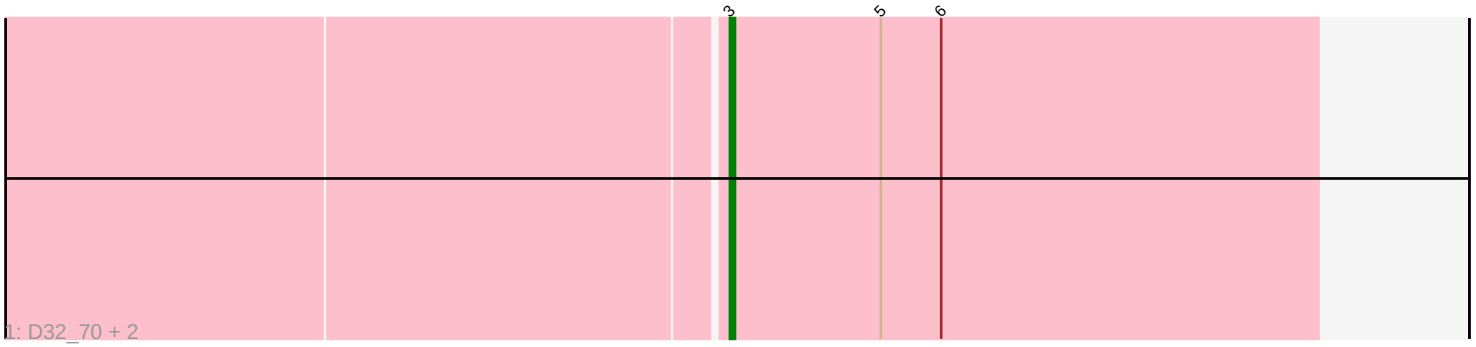
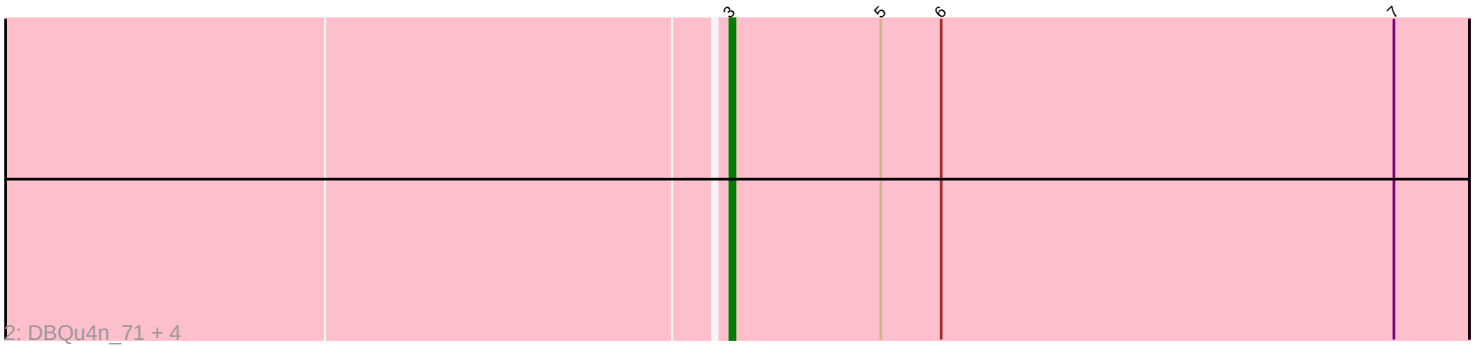
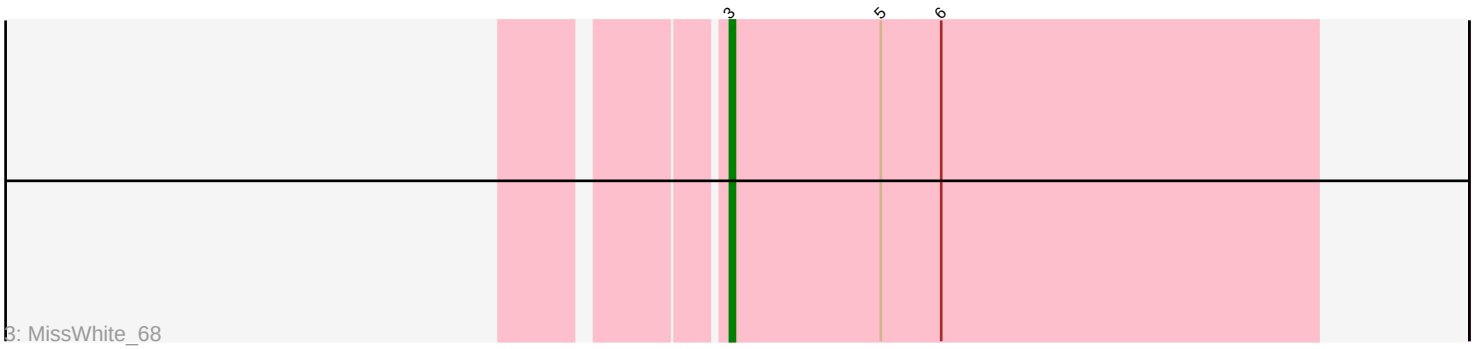
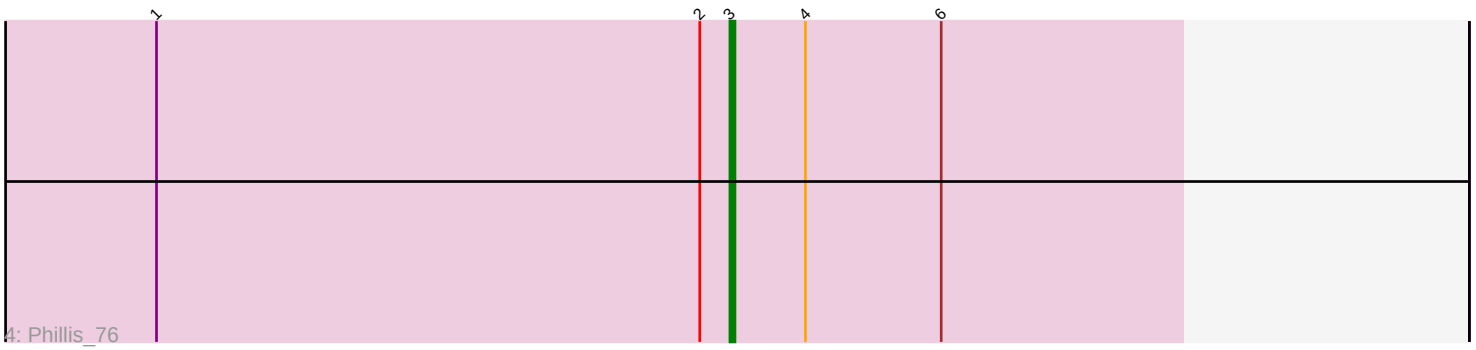
Pham 106810


3
5
6
1: D32_70 + 2


3
5
6
7
2: DBQu4n_71 + 4


3
5
6
3: MissWhite_68


1
2
3
4
6
4: Phillis_76

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 106810 Report

This analysis was run 04/05/24 on database version 557.

Pham number 106810 has 10 members, 0 are drafts.

Phages represented in each track:
• Track 1 : D32_70, Naji_71, Tomathan_71
• Track 2 : DBQu4n_71, Kerberos_71, Duplo_71, StarStuff_71, Pomar16_70
• Track 3 : MissWhite_68
• Track 4 : Phillis_76

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

The start number called the most often in the published annotations is 3, it was called in 10 of the 10 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• D32_70, DBQu4n_71, Duplo_71, Kerberos_71, MissWhite_68, Naji_71, Phillis_76, Pomar16_70, StarStuff_71, Tomathan_71,

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 3:
• Found in 10 of 10 (100.0%) of genes in pham
• Manual Annotations of this start: 10 of 10
• Called 100.0% of time when present
• Phage (with cluster) where this start called: D32_70 (A2), DBQu4n_71 (A2), Duplo_71 (A2), Kerberos_71 (A2), MissWhite_68 (A2), Naji_71 (A2), Phillis_76 (A8), Pomar16_70 (A2), StarStuff_71 (A2), Tomathan_71 (A2),

Summary by clusters:

There are 2 clusters represented in this pham: A8, A2,

Info for manual annotations of cluster A2:
•Start number 3 was manually annotated 9 times for cluster A2.

Info for manual annotations of cluster A8:
•Start number 3 was manually annotated 1 time for cluster A8.

Gene Information:

Gene: D32_70 Start: 42758, Stop: 42642, Start Num: 3
Candidate Starts for D32_70:
(Start: 3 @42758 has 10 MA's), (5, 42728), (6, 42716),

Gene: DBQu4n_71 Start: 42738, Stop: 42592, Start Num: 3
Candidate Starts for DBQu4n_71:
(Start: 3 @42738 has 10 MA's), (5, 42708), (6, 42696), (7, 42606),

Gene: Duplo_71 Start: 42795, Stop: 42649, Start Num: 3
Candidate Starts for Duplo_71:
(Start: 3 @42795 has 10 MA's), (5, 42765), (6, 42753), (7, 42663),

Gene: Kerberos_71 Start: 42757, Stop: 42611, Start Num: 3
Candidate Starts for Kerberos_71:
(Start: 3 @42757 has 10 MA's), (5, 42727), (6, 42715), (7, 42625),

Gene: MissWhite_68 Start: 41242, Stop: 41126, Start Num: 3
Candidate Starts for MissWhite_68:
(Start: 3 @41242 has 10 MA's), (5, 41212), (6, 41200),

Gene: Naji_71 Start: 42758, Stop: 42642, Start Num: 3
Candidate Starts for Naji_71:
(Start: 3 @42758 has 10 MA's), (5, 42728), (6, 42716),

Gene: Phillis_76 Start: 42553, Stop: 42464, Start Num: 3
Candidate Starts for Phillis_76:
(1, 42667), (2, 42559), (Start: 3 @42553 has 10 MA's), (4, 42538), (6, 42511),

Gene: Pomar16_70 Start: 42798, Stop: 42652, Start Num: 3
Candidate Starts for Pomar16_70:
(Start: 3 @42798 has 10 MA's), (5, 42768), (6, 42756), (7, 42666),

Gene: StarStuff_71 Start: 42760, Stop: 42614, Start Num: 3
Candidate Starts for StarStuff_71:
(Start: 3 @42760 has 10 MA's), (5, 42730), (6, 42718), (7, 42628),

Gene: Tomathan_71 Start: 42871, Stop: 42755, Start Num: 3
Candidate Starts for Tomathan_71:
(Start: 3 @42871 has 10 MA's), (5, 42841), (6, 42829),