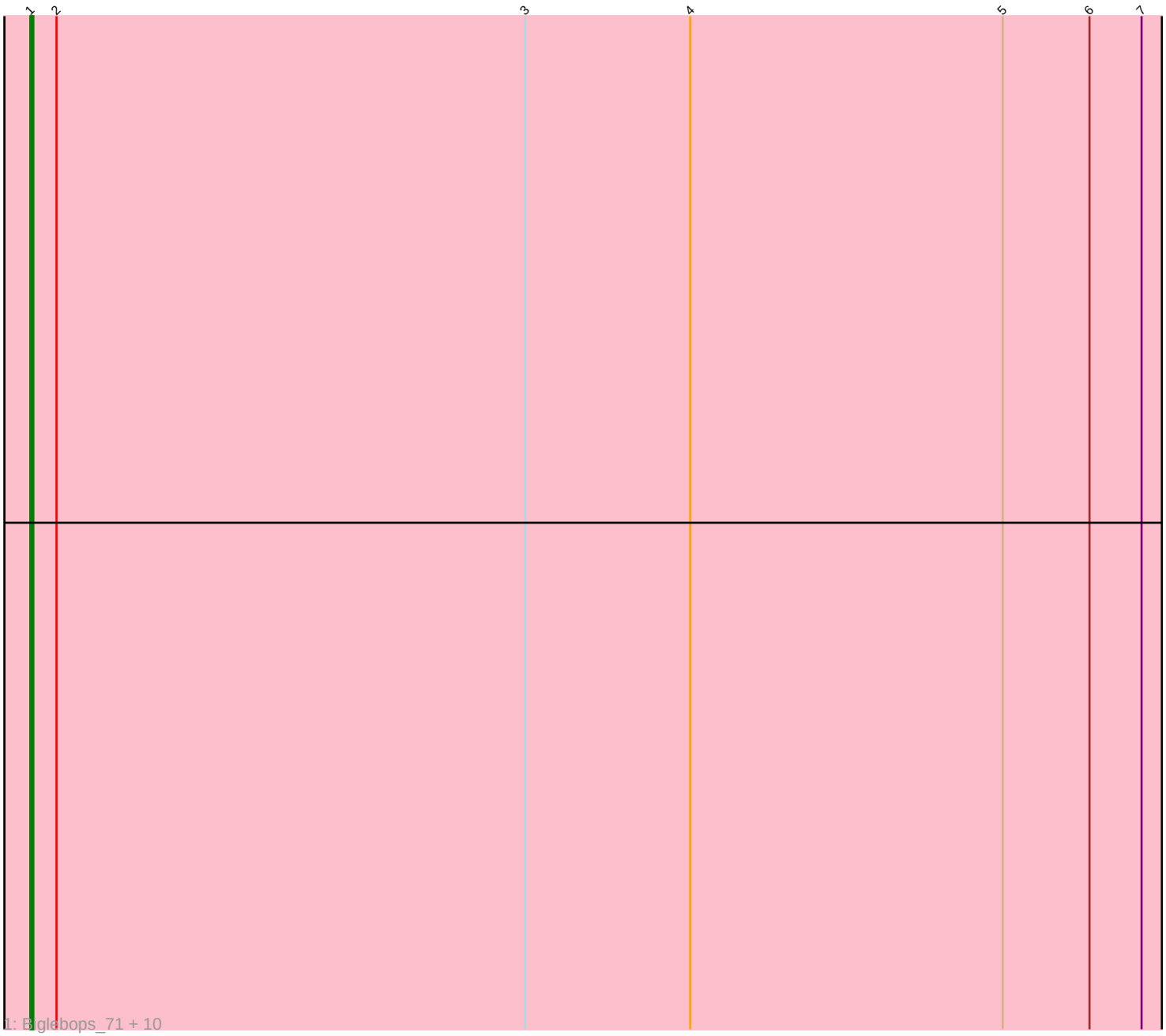
Zoomed Pham 348227



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 348227 Report

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

Pham number 348227 has 11 members, 2 are drafts.

Phages represented in each track:
• Track 1 : Biglebops_71, LilPharaoh_72, Torres_74, SgtBeansprout_72, Nutello_71, Enkosi_73, Amelie_71, Mdavu_72, Nikao_74, Teejan_73, Trice_71

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

The start number called the most often in the published annotations is 1, it was called in 9 of the 9 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Amelie_71, Biglebops_71, Enkosi_73, LilPharaoh_72, Mdavu_72, Nikao_74, Nutello_71, SgtBeansprout_72, Teejan_73, Torres_74, Trice_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 1:
• Found in 11 of 11 (100.0%) of genes in pham
• Manual Annotations of this start: 9 of 9
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Amelie_71 (K1), Biglebops_71 (K1), Enkosi_73 (K1), LilPharaoh_72 (K1), Mdavu_72 (K1), Nikao_74 (K1), Nutello_71 (K1), SgtBeansprout_72 (K1), Teejan_73 (K1), Torres_74 (K1), Trice_71 (K1),

Summary by clusters:

There is one cluster represented in this pham: K1

Info for manual annotations of cluster K1:
•Start number 1 was manually annotated 9 times for cluster K1.

Gene Information:

Gene: Amelie_71 Start: 52809, Stop: 53354, Start Num: 1
Candidate Starts for Amelie_71:
(Start: 1 @52809 has 9 MA's), (2, 52818), (3, 52980), (4, 53037), (5, 53145), (6, 53175), (7, 53193), (8, 53223), (9, 53232), (10, 53262), (11, 53292), (12, 53307),

Gene: Biglebops_71 Start: 52824, Stop: 53369, Start Num: 1
Candidate Starts for Biglebops_71:
(Start: 1 @52824 has 9 MA's), (2, 52833), (3, 52995), (4, 53052), (5, 53160), (6, 53190), (7, 53208), (8, 53238), (9, 53247), (10, 53277), (11, 53307), (12, 53322),

Gene: Enkosi_73 Start: 55422, Stop: 55967, Start Num: 1
Candidate Starts for Enkosi_73:
(Start: 1 @55422 has 9 MA's), (2, 55431), (3, 55593), (4, 55650), (5, 55758), (6, 55788), (7, 55806), (8, 55836), (9, 55845), (10, 55875), (11, 55905), (12, 55920),

Gene: LilPharaoh_72 Start: 52537, Stop: 53082, Start Num: 1
Candidate Starts for LilPharaoh_72:
(Start: 1 @52537 has 9 MA's), (2, 52546), (3, 52708), (4, 52765), (5, 52873), (6, 52903), (7, 52921), (8, 52951), (9, 52960), (10, 52990), (11, 53020), (12, 53035),

Gene: Mdavu_72 Start: 52813, Stop: 53358, Start Num: 1
Candidate Starts for Mdavu_72:
(Start: 1 @52813 has 9 MA's), (2, 52822), (3, 52984), (4, 53041), (5, 53149), (6, 53179), (7, 53197), (8, 53227), (9, 53236), (10, 53266), (11, 53296), (12, 53311),

Gene: Nikao_74 Start: 55422, Stop: 55967, Start Num: 1
Candidate Starts for Nikao_74:
(Start: 1 @55422 has 9 MA's), (2, 55431), (3, 55593), (4, 55650), (5, 55758), (6, 55788), (7, 55806), (8, 55836), (9, 55845), (10, 55875), (11, 55905), (12, 55920),

Gene: Nutello_71 Start: 52809, Stop: 53354, Start Num: 1
Candidate Starts for Nutello_71:
(Start: 1 @52809 has 9 MA's), (2, 52818), (3, 52980), (4, 53037), (5, 53145), (6, 53175), (7, 53193), (8, 53223), (9, 53232), (10, 53262), (11, 53292), (12, 53307),

Gene: SgtBeansprout_72 Start: 52809, Stop: 53354, Start Num: 1
Candidate Starts for SgtBeansprout_72:
(Start: 1 @52809 has 9 MA's), (2, 52818), (3, 52980), (4, 53037), (5, 53145), (6, 53175), (7, 53193), (8, 53223), (9, 53232), (10, 53262), (11, 53292), (12, 53307),

Gene: Teejan_73 Start: 55422, Stop: 55967, Start Num: 1
Candidate Starts for Teejan_73:
(Start: 1 @55422 has 9 MA's), (2, 55431), (3, 55593), (4, 55650), (5, 55758), (6, 55788), (7, 55806), (8, 55836), (9, 55845), (10, 55875), (11, 55905), (12, 55920),

Gene: Torres_74 Start: 55423, Stop: 55968, Start Num: 1
Candidate Starts for Torres_74:

(Start: 1 @55423 has 9 MA's), (2, 55432), (3, 55594), (4, 55651), (5, 55759), (6, 55789), (7, 55807), (8, 55837), (9, 55846), (10, 55876), (11, 55906), (12, 55921),

Gene: Trice_71 Start: 52810, Stop: 53355, Start Num: 1
Candidate Starts for Trice_71:
(Start: 1 @52810 has 9 MA's), (2, 52819), (3, 52981), (4, 53038), (5, 53146), (6, 53176), (7, 53194), (8, 53224), (9, 53233), (10, 53263), (11, 53293), (12, 53308),