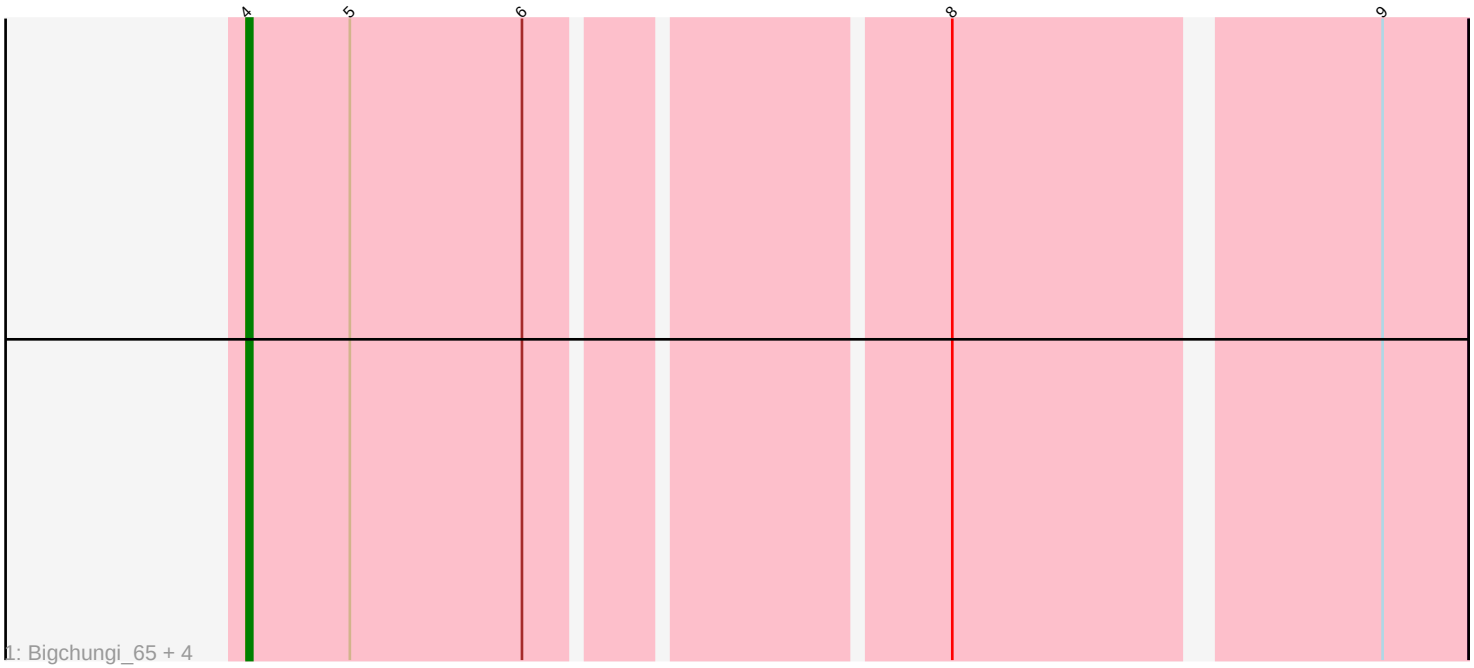
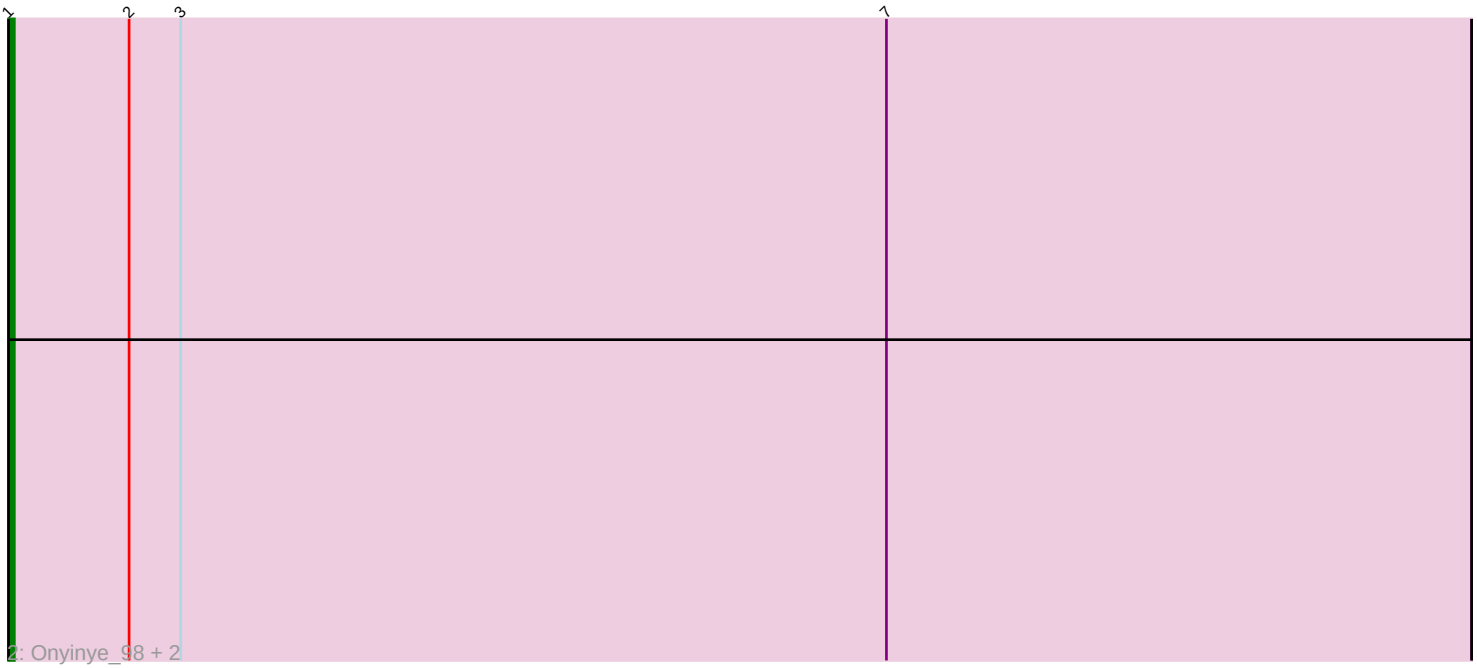
Pham 346475





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 346475 Report

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

Pham number 346475 has 8 members, 0 are drafts.

Phages represented in each track:
• Track 1 : Bigchungi_65, McSinger_64, ShortQueendom_60, Sanya_65, Snazzy_64
• Track 2 : Onyinye_98, Aikoy_99, Leopard_97

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

The start number called the most often in the published annotations is 4, it was called in 5 of the 8 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Bigchungi_65, McSinger_64, Sanya_65, ShortQueendom_60, Snazzy_64,

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

Genes that do not have the "Most Annotated" start:
• Aikoy_99, Leopard_97, Onyinye_98,

Summary by start number:

Start 1:
• Found in 3 of 8 (37.5%) of genes in pham
• Manual Annotations of this start: 3 of 8
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Aikoy_99 (AE), Leopard_97 (AE), Onyinye_98 (AE),

Start 4:
• Found in 5 of 8 (62.5%) of genes in pham
• Manual Annotations of this start: 5 of 8
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Bigchungi_65 (A1), McSinger_64 (A1), Sanya_65 (A1), ShortQueendom_60 (A1), Snazzy_64 (A1),

Summary by clusters:

There are 2 clusters represented in this pham: A1, AE,

Info for manual annotations of cluster A1:
•Start number 4 was manually annotated 5 times for cluster A1.

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

Gene Information:

Gene: Aikoy_99 Start: 65509, Stop: 65763, Start Num: 1
Candidate Starts for Aikoy_99:
(Start: 1 @65509 has 3 MA's), (2, 65530), (3, 65539), (7, 65662),

Gene: Bigchungi_65 Start: 42426, Stop: 42229, Start Num: 4
Candidate Starts for Bigchungi_65:
(Start: 4 @42426 has 5 MA's), (5, 42408), (6, 42378), (8, 42312), (9, 42243),

Gene: Leopard_97 Start: 65441, Stop: 65695, Start Num: 1
Candidate Starts for Leopard_97:
(Start: 1 @65441 has 3 MA's), (2, 65462), (3, 65471), (7, 65594),

Gene: McSinger_64 Start: 41833, Stop: 41636, Start Num: 4
Candidate Starts for McSinger_64:
(Start: 4 @41833 has 5 MA's), (5, 41815), (6, 41785), (8, 41719), (9, 41650),

Gene: Onyinye_98 Start: 65302, Stop: 65556, Start Num: 1
Candidate Starts for Onyinye_98:
(Start: 1 @65302 has 3 MA's), (2, 65323), (3, 65332), (7, 65455),

Gene: Sanya_65 Start: 43780, Stop: 43583, Start Num: 4
Candidate Starts for Sanya_65:
(Start: 4 @43780 has 5 MA's), (5, 43762), (6, 43732), (8, 43666), (9, 43597),

Gene: ShortQueendom_60 Start: 40232, Stop: 40035, Start Num: 4
Candidate Starts for ShortQueendom_60:
(Start: 4 @40232 has 5 MA's), (5, 40214), (6, 40184), (8, 40118), (9, 40049),

Gene: Snazzy_64 Start: 41688, Stop: 41491, Start Num: 4
Candidate Starts for Snazzy_64:
(Start: 4 @41688 has 5 MA's), (5, 41670), (6, 41640), (8, 41574), (9, 41505),