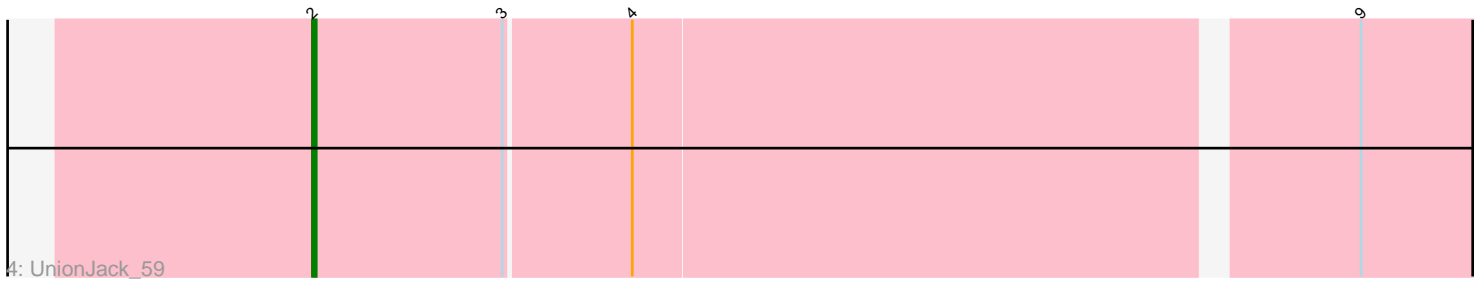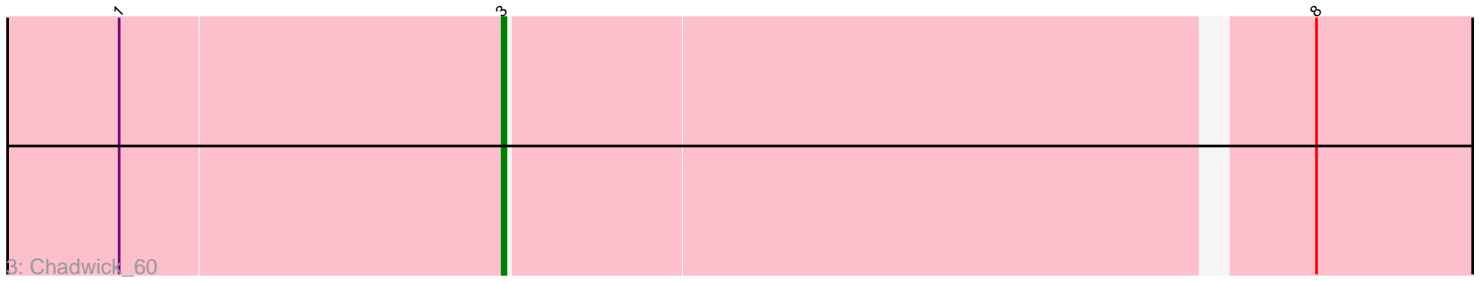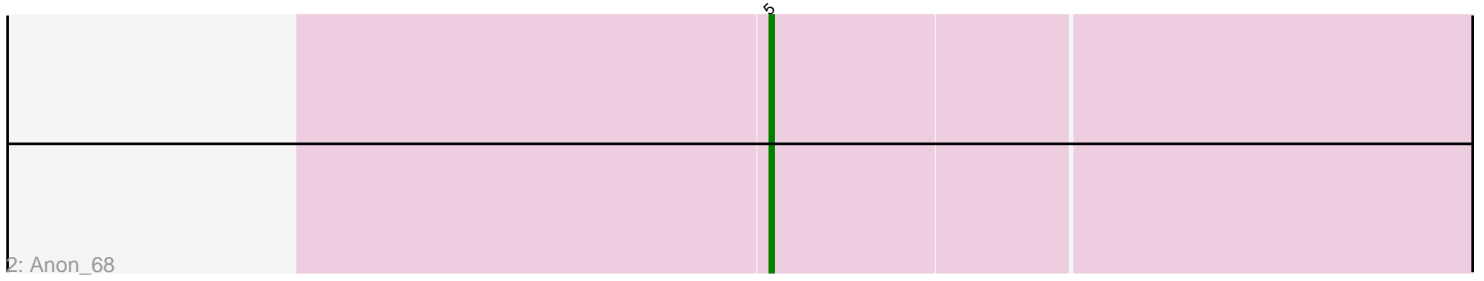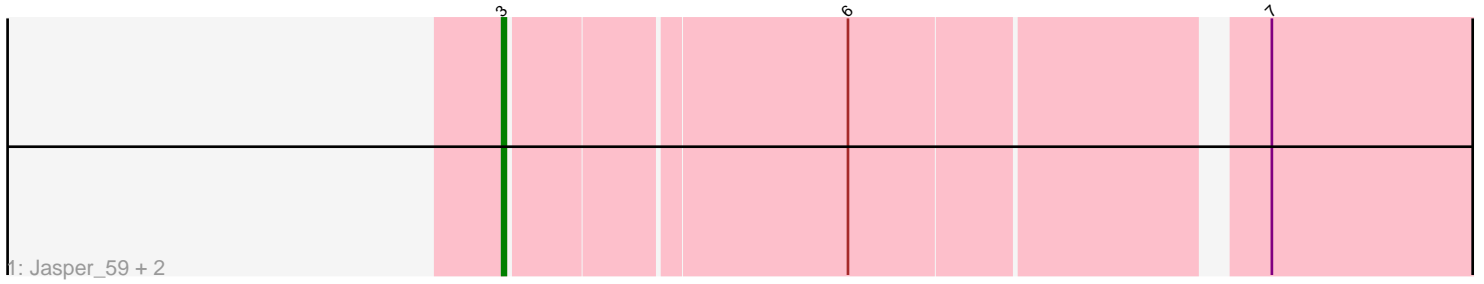# Pham 197156

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 197156 Report

This analysis was run 12/09/24 on database version 580.

Pham number 197156 has 7 members, 0 are drafts.

Phages represented in each track:
• Track 1 : Jasper_59, PherrisBueller_57, Dreamboat_59
• Track 2 : Anon_68
• Track 3 : Chadwick_60
• Track 4 : UnionJack_59
• Track 5 : Naca_58

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 5 of the 7 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Chadwick_60, Dreamboat_59, Jasper_59, Naca_58, PherrisBueller_57,

Genes that have the "Most Annotated" start but do not call it:
• UnionJack_59,

Genes that do not have the "Most Annotated" start:
• Anon_68,

Summary by start number:

Start 2:
• Found in 1 of 7 (14.3%) of genes in pham
• Manual Annotations of this start: 1 of 7
• Called 100.0% of time when present
• Phage (with cluster) where this start called: UnionJack_59 (A5),

Start 3:
• Found in 6 of 7 (85.7%) of genes in pham
• Manual Annotations of this start: 5 of 7
• Called 83.3% of time when present
• Phage (with cluster) where this start called: Chadwick_60 (A5), Dreamboat_59 (A1), Jasper_59 (A1), Naca_58 (A5), PherrisBueller_57 (A1),

Start 5:
• Found in 1 of 7 (14.3%) of genes in pham
• Manual Annotations of this start: 1 of 7
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Anon_68 (A15),

Summary by clusters:

There are 3 clusters represented in this pham: A15, A1, A5,

Info for manual annotations of cluster A1:
•Start number 3 was manually annotated 3 times for cluster A1.

Info for manual annotations of cluster A15:
•Start number 5 was manually annotated 1 time for cluster A15.

Info for manual annotations of cluster A5:
•Start number 2 was manually annotated 1 time for cluster A5.
•Start number 3 was manually annotated 2 times for cluster A5.

Gene Information:
Gene: Anon_68 Start: 39528, Stop: 39328, Start Num: 5
Candidate Starts for Anon_68:
(Start: 5 @39528 has 1 MA's),

Gene: Chadwick_60 Start: 39218, Stop: 38952, Start Num: 3
Candidate Starts for Chadwick_60:
(1, 39320), (Start: 3 @39218 has 5 MA's), (8, 39011),

Gene: Dreamboat_59 Start: 39108, Stop: 38848, Start Num: 3
Candidate Starts for Dreamboat_59:
(Start: 3 @39108 has 5 MA's), (6, 39021), (7, 38919),

Gene: Jasper_59 Start: 38994, Stop: 38734, Start Num: 3
Candidate Starts for Jasper_59:
(Start: 3 @38994 has 5 MA's), (6, 38907), (7, 38805),

Gene: Naca_58 Start: 39771, Stop: 39505, Start Num: 3
Candidate Starts for Naca_58:
(Start: 3 @39771 has 5 MA's), (8, 39564),

Gene: PherrisBueller_57 Start: 38645, Stop: 38385, Start Num: 3
Candidate Starts for PherrisBueller_57:
(Start: 3 @38645 has 5 MA's), (6, 38558), (7, 38456),

Gene: UnionJack_59 Start: 39159, Stop: 38842, Start Num: 2
Candidate Starts for UnionJack_59:
(Start: 2 @39159 has 1 MA's), (Start: 3 @39108 has 5 MA's), (4, 39075), (9, 38889),