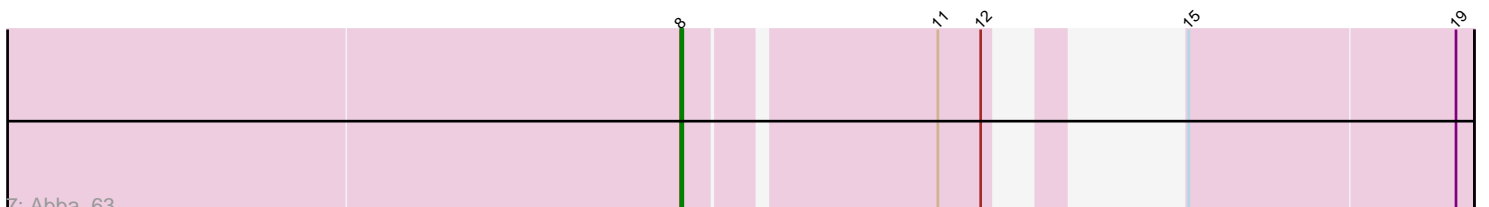
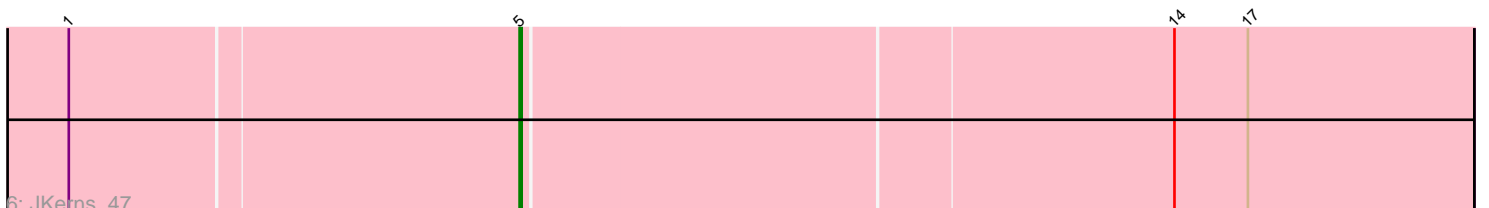
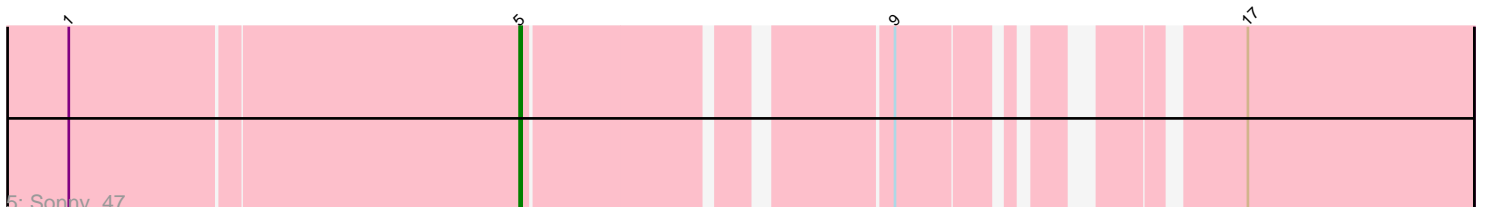
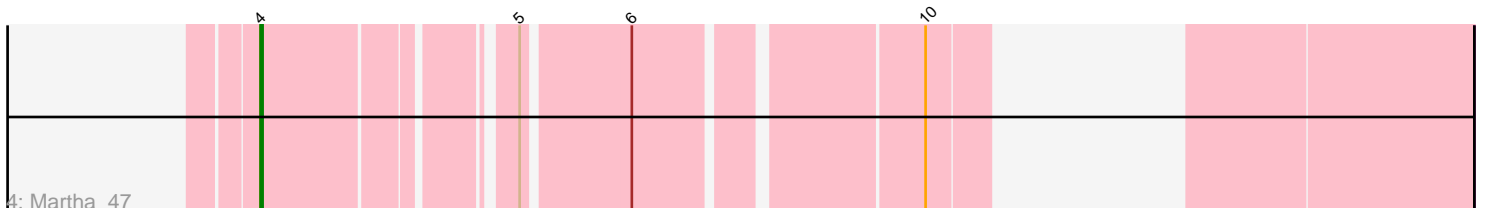
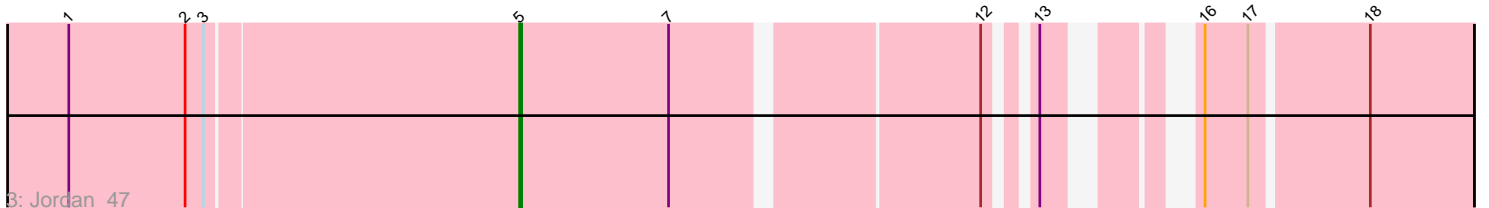
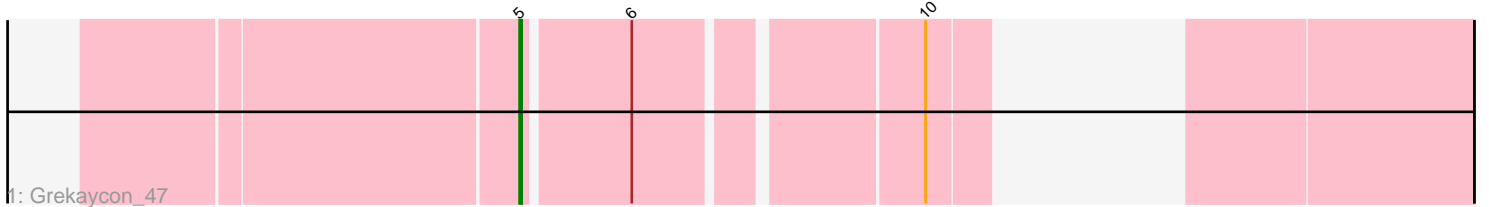


Pham 295400



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 295400 Report

This analysis was run 04/18/26 on database version 643.

Pham number 295400 has 8 members, 0 are drafts.

Phages represented in each track:

- Track 1 : Grekaycon_47
- Track 2 : TaeYoung_48, BossLady_48
- Track 3 : Jordan_47
- Track 4 : Martha_47
- Track 5 : Sonny_47
- Track 6 : JKerns_47
- Track 7 : Abba_63

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

The start number called the most often in the published annotations is 5, it was called in 6 of the 8 non-draft genes in the pham.

Genes that call this "Most Annotated" start:

- BossLady_48, Grekaycon_47, JKerns_47, Jordan_47, Sonny_47, TaeYoung_48,

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

- Martha_47,

Genes that do not have the "Most Annotated" start:

- Abba_63,

Summary by start number:

Start 4:

- Found in 3 of 8 (37.5%) of genes in pham
- Manual Annotations of this start: 1 of 8
- Called 33.3% of time when present
- Phage (with cluster) where this start called: Martha_47 (AO2),

Start 5:

- Found in 7 of 8 (87.5%) of genes in pham
- Manual Annotations of this start: 6 of 8
- Called 85.7% of time when present

- Phage (with cluster) where this start called: BossLady_48 (AO2), Grekaycon_47 (AO2), JKerns_47 (AO2), Jordan_47 (AO2), Sonny_47 (AO2), TaeYoung_48 (AO2),

Start 8:

- Found in 1 of 8 (12.5%) of genes in pham
- Manual Annotations of this start: 1 of 8
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Abba_63 (AO3),

Summary by clusters:

There are 2 clusters represented in this pham: AO3, AO2,

Info for manual annotations of cluster AO2:

- Start number 4 was manually annotated 1 time for cluster AO2.
- Start number 5 was manually annotated 6 times for cluster AO2.

Info for manual annotations of cluster AO3:

- Start number 8 was manually annotated 1 time for cluster AO3.

Gene Information:

Gene: Abba_63 Start: 40699, Stop: 40992, Start Num: 8

Candidate Starts for Abba_63:

(Start: 8 @40699 has 1 MA's), (11, 40813), (12, 40834), (15, 40855), (19, 40984),

Gene: BossLady_48 Start: 36316, Stop: 36657, Start Num: 5

Candidate Starts for BossLady_48:

(Start: 4 @36211 has 1 MA's), (Start: 5 @36316 has 6 MA's), (6, 36364), (10, 36490),

Gene: Grekaycon_47 Start: 36212, Stop: 36553, Start Num: 5

Candidate Starts for Grekaycon_47:

(Start: 5 @36212 has 6 MA's), (6, 36260), (10, 36386),

Gene: JKerns_47 Start: 36354, Stop: 36812, Start Num: 5

Candidate Starts for JKerns_47:

(1, 36138), (Start: 5 @36354 has 6 MA's), (14, 36666), (17, 36702),

Gene: Jordan_47 Start: 36244, Stop: 36639, Start Num: 5

Candidate Starts for Jordan_47:

(1, 36028), (2, 36085), (3, 36094), (Start: 5 @36244 has 6 MA's), (7, 36316), (12, 36454), (13, 36469), (16, 36514), (17, 36535), (18, 36589),

Gene: Martha_47 Start: 36224, Stop: 36670, Start Num: 4

Candidate Starts for Martha_47:

(Start: 4 @36224 has 1 MA's), (Start: 5 @36329 has 6 MA's), (6, 36377), (10, 36503),

Gene: Sonny_47 Start: 36253, Stop: 36651, Start Num: 5

Candidate Starts for Sonny_47:

(1, 36037), (Start: 5 @36253 has 6 MA's), (9, 36412), (17, 36541),

Gene: TaeYoung_48 Start: 36284, Stop: 36625, Start Num: 5

Candidate Starts for TaeYoung_48:

(Start: 4 @36179 has 1 MA's), (Start: 5 @36284 has 6 MA's), (6, 36332), (10, 36458),