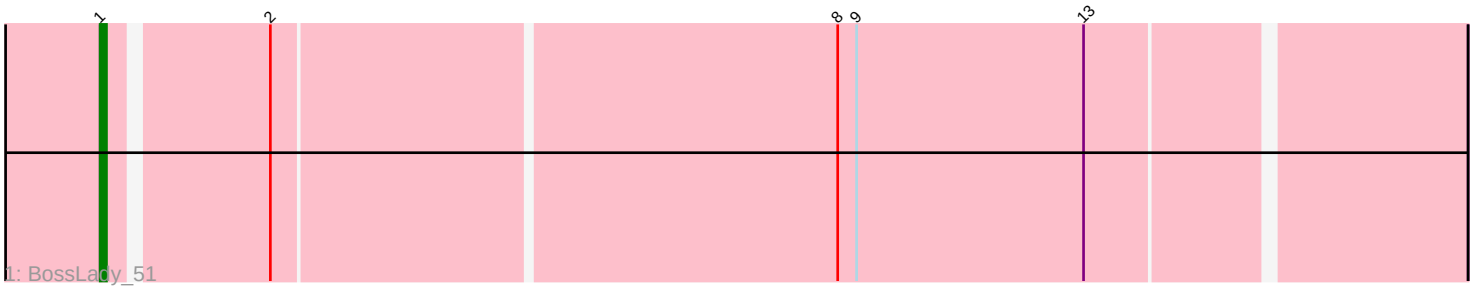
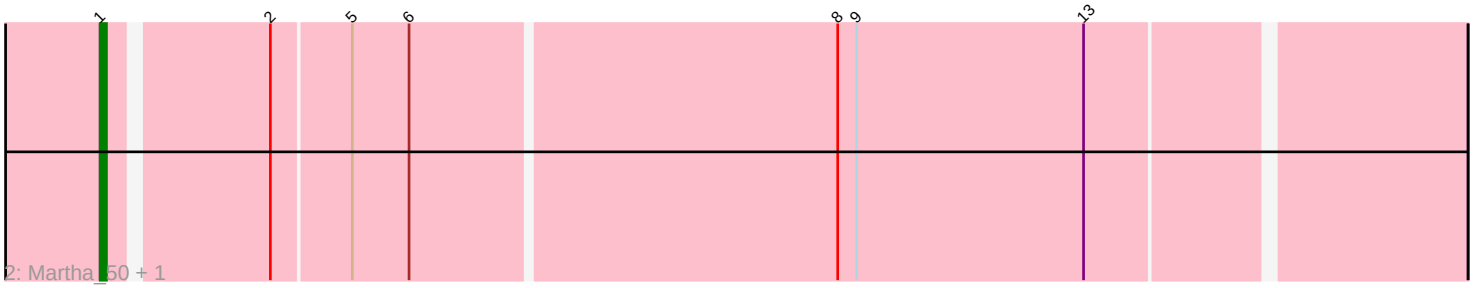
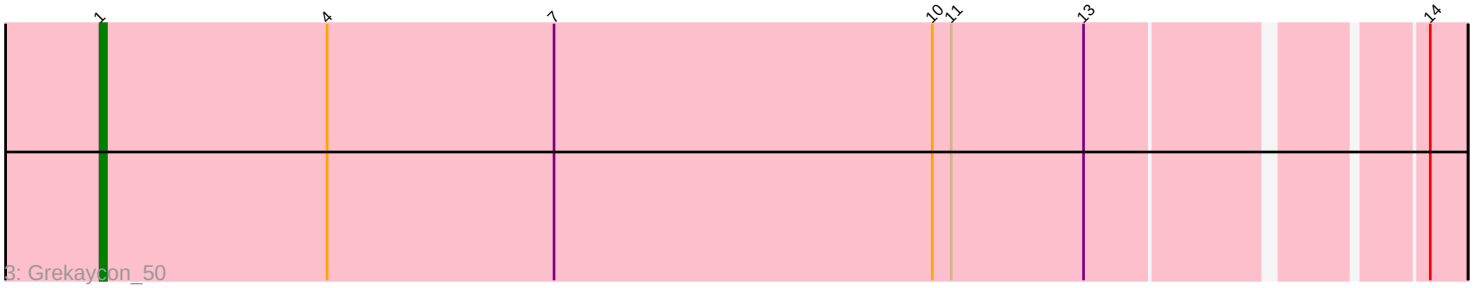
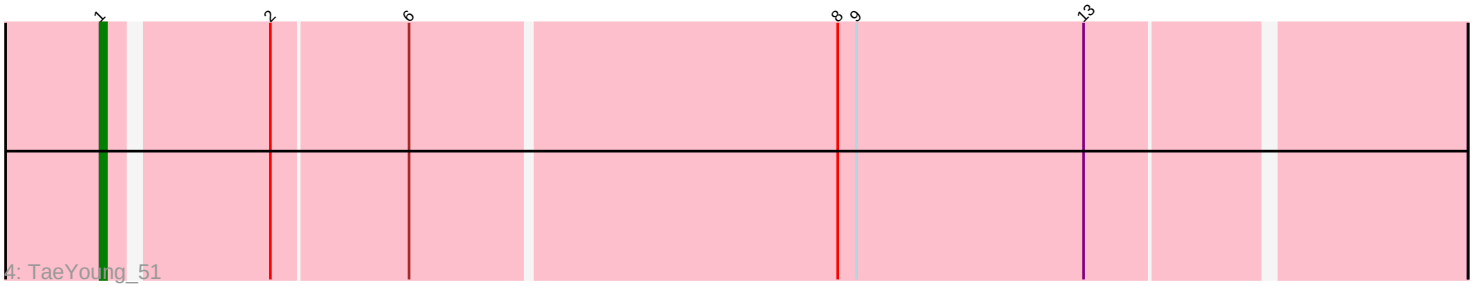
Pham 346558


1
2
8
9
13
1: BossLady_51


1
2
5
6
8
9
13
2: Martha_50 + 1


1
4
7
10
11
13
14
3: Grekaycon_50


1
2
6
8
9
13
4: TaeYoung_51


2
3
12
5: Mireles_31

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 346558 Report

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

Pham number 346558 has 6 members, 0 are drafts.

Phages represented in each track:
• Track 1 : BossLady_51
• Track 2 : Martha_50, Pippa_51
• Track 3 : Grekaycon_50
• Track 4 : TaeYoung_51
• Track 5 : Mireles_31

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 5 of the 6 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• BossLady_51, Grekaycon_50, Martha_50, Pippa_51, TaeYoung_51,

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

Genes that do not have the "Most Annotated" start:
• Mireles_31,

Summary by start number:

Start 1:
• Found in 5 of 6 (83.3%) of genes in pham
• Manual Annotations of this start: 5 of 6
• Called 100.0% of time when present
• Phage (with cluster) where this start called: BossLady_51 (AO2), Grekaycon_50 (AO2), Martha_50 (AO2), Pippa_51 (AO2), TaeYoung_51 (AO2),

Start 3:
• Found in 1 of 6 (16.7%) of genes in pham
• Manual Annotations of this start: 1 of 6
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Mireles_31 (FR),

Summary by clusters:

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

Info for manual annotations of cluster AO2:
•Start number 1 was manually annotated 5 times for cluster AO2.

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

Gene Information:

Gene: BossLady_51 Start: 37332, Stop: 37538, Start Num: 1
Candidate Starts for BossLady_51:
(Start: 1 @37332 has 5 MA's), (2, 37356), (8, 37443), (9, 37446), (13, 37482),

Gene: Grekaycon_50 Start: 37228, Stop: 37437, Start Num: 1
Candidate Starts for Grekaycon_50:
(Start: 1 @37228 has 5 MA's), (4, 37264), (7, 37300), (10, 37360), (11, 37363), (13, 37384), (14, 37432),

Gene: Martha_50 Start: 37345, Stop: 37551, Start Num: 1
Candidate Starts for Martha_50:
(Start: 1 @37345 has 5 MA's), (2, 37369), (5, 37381), (6, 37390), (8, 37456), (9, 37459), (13, 37495),

Gene: Mireles_31 Start: 19258, Stop: 19073, Start Num: 3
Candidate Starts for Mireles_31:
(2, 19261), (Start: 3 @19258 has 1 MA's), (12, 19138),

Gene: Pippa_51 Start: 37592, Stop: 37801, Start Num: 1
Candidate Starts for Pippa_51:
(Start: 1 @37592 has 5 MA's), (2, 37619), (5, 37631), (6, 37640), (8, 37706), (9, 37709), (13, 37745),

Gene: TaeYoung_51 Start: 37300, Stop: 37506, Start Num: 1
Candidate Starts for TaeYoung_51:
(Start: 1 @37300 has 5 MA's), (2, 37324), (6, 37345), (8, 37411), (9, 37414), (13, 37450),