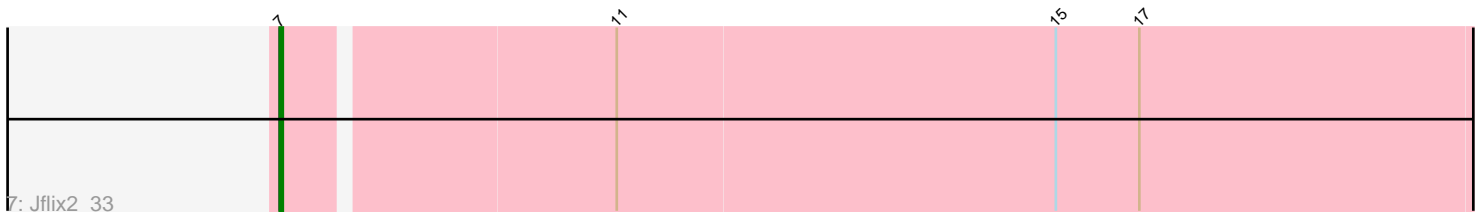
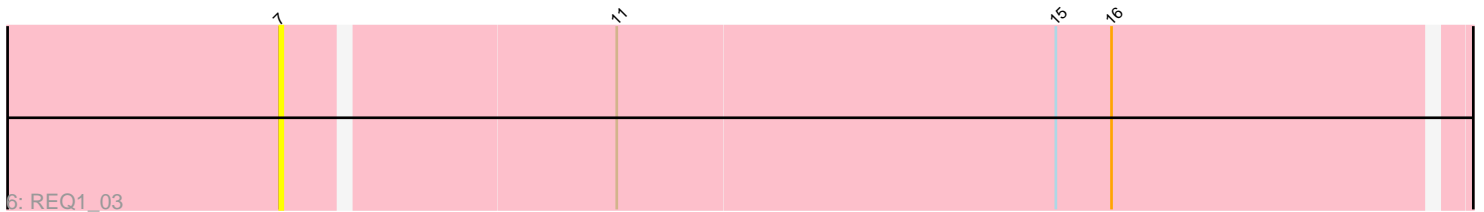
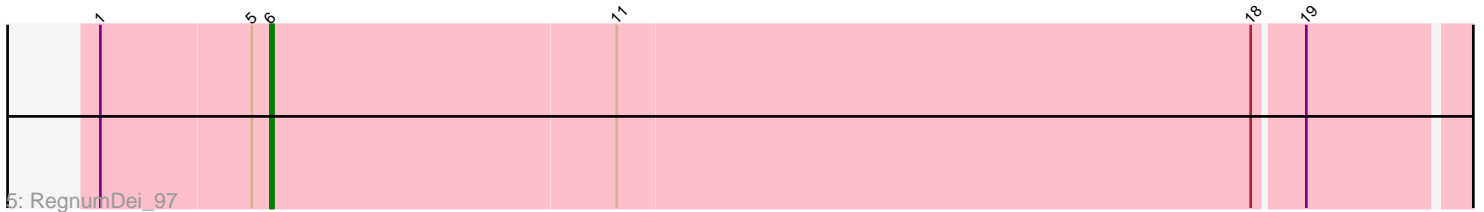
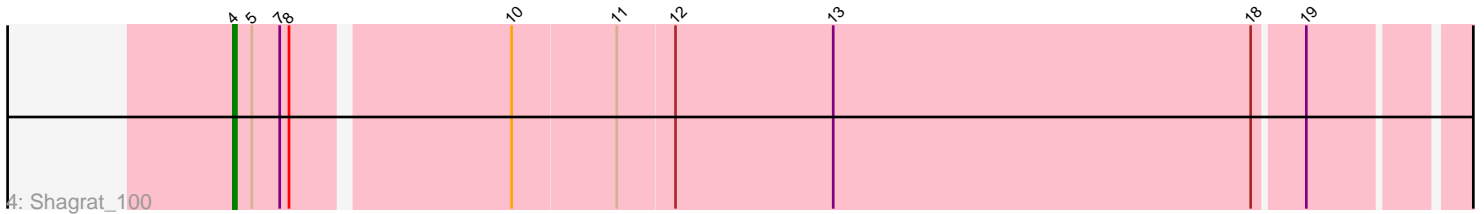
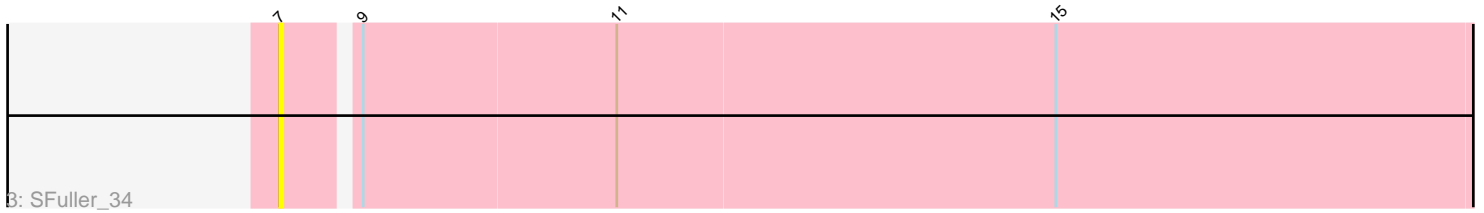
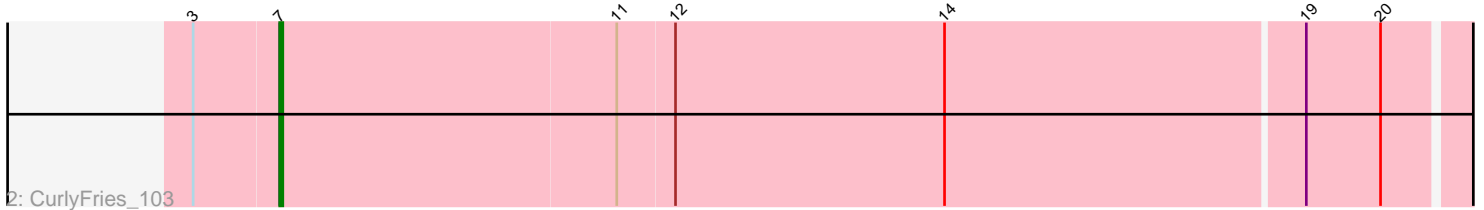
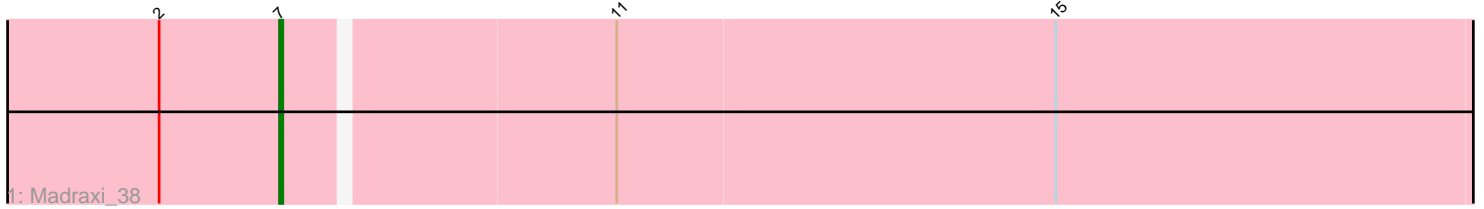


Pham 297322



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 297322 Report

This analysis was run 04/25/26 on database version 644.

Pham number 297322 has 7 members, 2 are drafts.

Phages represented in each track:

- Track 1 : Madraxi_38
- Track 2 : CurlyFries_103
- Track 3 : SFuller_34
- Track 4 : Shagrat_100
- Track 5 : RegnumDei_97
- Track 6 : REQ1_03
- Track 7 : Jflix2_33

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

The start number called the most often in the published annotations is 7, it was called in 3 of the 5 non-draft genes in the pham.

Genes that call this "Most Annotated" start:

- CurlyFries_103, Jflix2_33, Madraxi_38, REQ1_03, SFuller_34,

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

- Shagrat_100,

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

- RegnumDei_97,

Summary by start number:

Start 4:

- Found in 1 of 7 (14.3%) of genes in pham
- Manual Annotations of this start: 1 of 5
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Shagrat_100 (CF),

Start 6:

- Found in 1 of 7 (14.3%) of genes in pham
- Manual Annotations of this start: 1 of 5
- Called 100.0% of time when present

- Phage (with cluster) where this start called: RegnumDei_97 (CF),

Start 7:

- Found in 6 of 7 (85.7%) of genes in pham
- Manual Annotations of this start: 3 of 5
- Called 83.3% of time when present
- Phage (with cluster) where this start called: CurlyFries_103 (CF), Jflix2_33 (CF), Madraxi_38 (CF), REQ1_03 (CF), SFuller_34 (CF),

Summary by clusters:

There is one cluster represented in this pham: CF

Info for manual annotations of cluster CF:

- Start number 4 was manually annotated 1 time for cluster CF.
- Start number 6 was manually annotated 1 time for cluster CF.
- Start number 7 was manually annotated 3 times for cluster CF.

Gene Information:

Gene: CurlyFries_103 Start: 53684, Stop: 54064, Start Num: 7

Candidate Starts for CurlyFries_103:

(3, 53657), (Start: 7 @53684 has 3 MA's), (11, 53792), (12, 53810), (14, 53897), (19, 54011), (20, 54035),

Gene: Jflix2_33 Start: 29146, Stop: 28766, Start Num: 7

Candidate Starts for Jflix2_33:

(Start: 7 @29146 has 3 MA's), (11, 29044), (15, 28903), (17, 28876),

Gene: Madraxi_38 Start: 32109, Stop: 31729, Start Num: 7

Candidate Starts for Madraxi_38:

(2, 32148), (Start: 7 @32109 has 3 MA's), (11, 32007), (15, 31866),

Gene: REQ1_03 Start: 925, Stop: 551, Start Num: 7

Candidate Starts for REQ1_03:

(Start: 7 @925 has 3 MA's), (11, 823), (15, 682), (16, 664),

Gene: RegnumDei_97 Start: 54306, Stop: 54689, Start Num: 6

Candidate Starts for RegnumDei_97:

(1, 54252), (5, 54300), (Start: 6 @54306 has 1 MA's), (11, 54417), (18, 54621), (19, 54636),

Gene: SFuller_34 Start: 29505, Stop: 29125, Start Num: 7

Candidate Starts for SFuller_34:

(Start: 7 @29505 has 3 MA's), (9, 29484), (11, 29403), (15, 29262),

Gene: Shagrat_100 Start: 53402, Stop: 53788, Start Num: 4

Candidate Starts for Shagrat_100:

(Start: 4 @53402 has 1 MA's), (5, 53408), (Start: 7 @53417 has 3 MA's), (8, 53420), (10, 53486), (11, 53519), (12, 53537), (13, 53588), (18, 53723), (19, 53738),