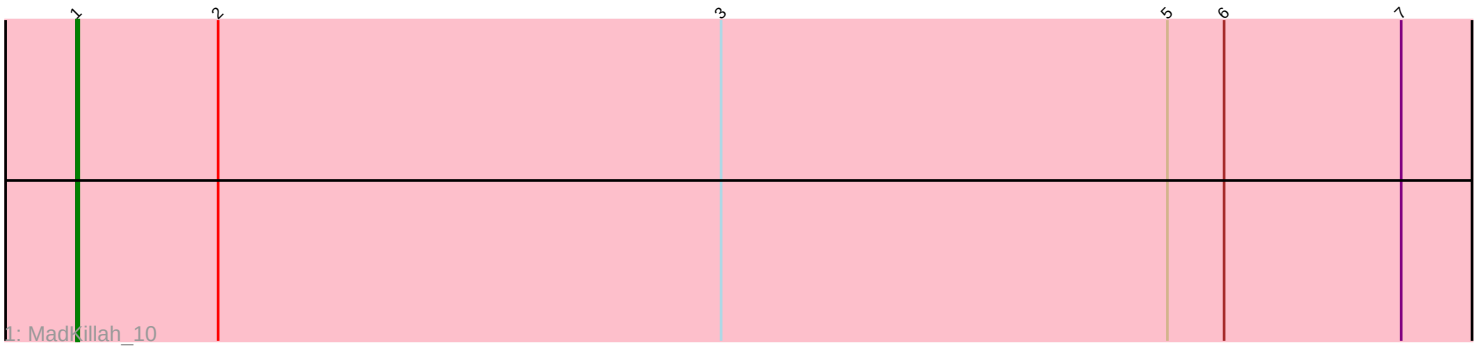
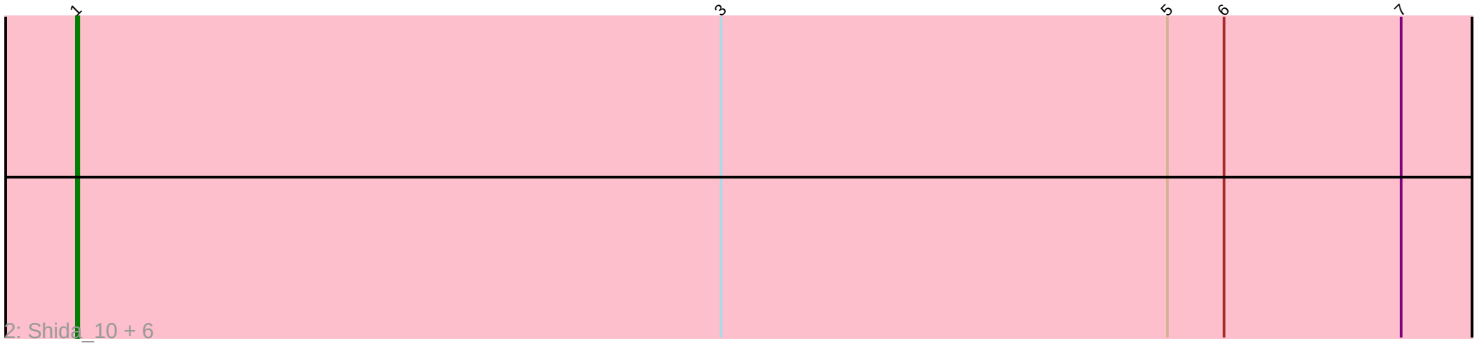
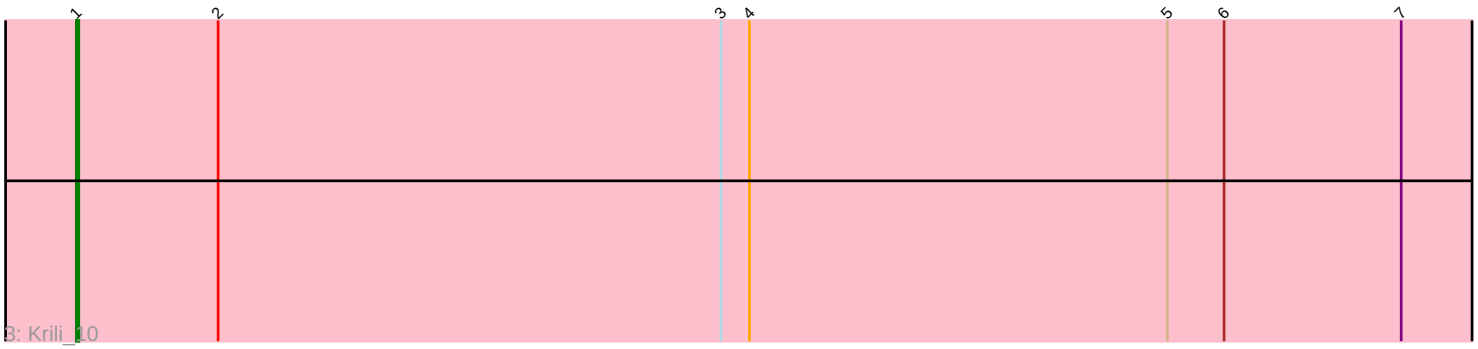
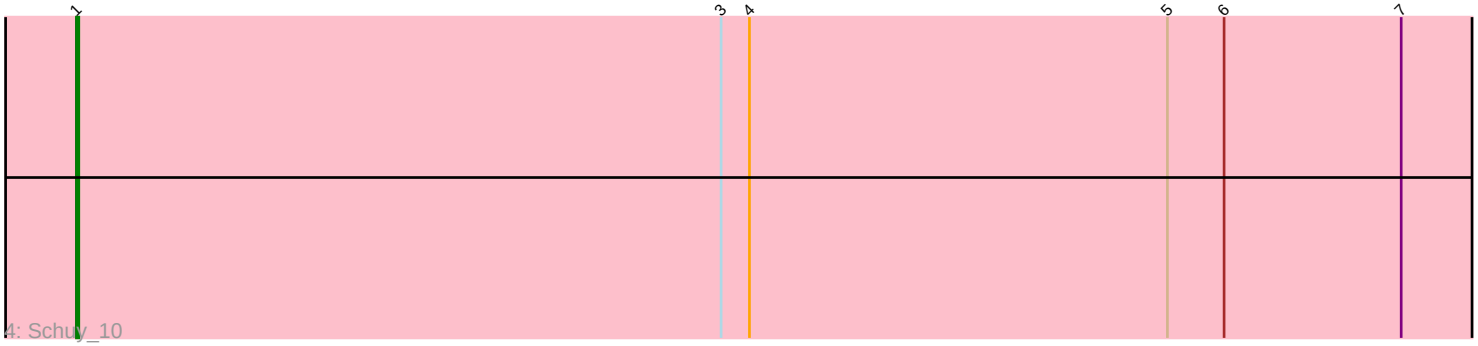
Pham 295332


1
2
3
5
6
7
1: MadKillah_10


1
3
5
6
7
2: Shida_10 + 6


1
2
3
4
5
6
7
3: Krili_10


1
3
4
5
6
7
4: Schuy_10

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 295332 Report

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

Pham number 295332 has 10 members, 1 are drafts.

Phages represented in each track:
• Track 1 : MadKillah_10
• Track 2 : Shida_10, NiebruSaylor_10, Murai_10, Alkhayr_10, Vorrps_10, Wogge42_10, Mori_10
• Track 3 : Krili_10
• Track 4 : Schuy_10

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 9 of the 9 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Alkhayr_10, Krili_10, MadKillah_10, Mori_10, Murai_10, NiebruSaylor_10, Schuy_10, Shida_10, Vorrps_10, Wogge42_10,

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

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

Summary by start number:

Start 1:
• Found in 10 of 10 (100.0%) of genes in pham
• Manual Annotations of this start: 9 of 9
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Alkhayr_10 (O), Krili_10 (O), MadKillah_10 (O), Mori_10 (O), Murai_10 (O), NiebruSaylor_10 (O), Schuy_10 (O), Shida_10 (O), Vorrps_10 (O), Wogge42_10 (O),

Summary by clusters:

There is one cluster represented in this pham: O

Info for manual annotations of cluster O:
•Start number 1 was manually annotated 9 times for cluster O.

Gene Information:

Gene: Alkhayr_10 Start: 3488, Stop: 2868, Start Num: 1
Candidate Starts for Alkhayr_10:
(Start: 1 @3488 has 9 MA's), (3, 3215), (5, 3026), (6, 3002), (7, 2927),

Gene: Krili_10 Start: 3334, Stop: 2714, Start Num: 1
Candidate Starts for Krili_10:
(Start: 1 @3334 has 9 MA's), (2, 3274), (3, 3061), (4, 3049), (5, 2872), (6, 2848), (7, 2773),

Gene: MadKillah_10 Start: 3349, Stop: 2729, Start Num: 1
Candidate Starts for MadKillah_10:
(Start: 1 @3349 has 9 MA's), (2, 3289), (3, 3076), (5, 2887), (6, 2863), (7, 2788),

Gene: Mori_10 Start: 3349, Stop: 2729, Start Num: 1
Candidate Starts for Mori_10:
(Start: 1 @3349 has 9 MA's), (3, 3076), (5, 2887), (6, 2863), (7, 2788),

Gene: Murai_10 Start: 3349, Stop: 2729, Start Num: 1
Candidate Starts for Murai_10:
(Start: 1 @3349 has 9 MA's), (3, 3076), (5, 2887), (6, 2863), (7, 2788),

Gene: NiebruSaylor_10 Start: 3349, Stop: 2729, Start Num: 1
Candidate Starts for NiebruSaylor_10:
(Start: 1 @3349 has 9 MA's), (3, 3076), (5, 2887), (6, 2863), (7, 2788),

Gene: Schuy_10 Start: 3349, Stop: 2729, Start Num: 1
Candidate Starts for Schuy_10:
(Start: 1 @3349 has 9 MA's), (3, 3076), (4, 3064), (5, 2887), (6, 2863), (7, 2788),

Gene: Shida_10 Start: 3398, Stop: 2778, Start Num: 1
Candidate Starts for Shida_10:
(Start: 1 @3398 has 9 MA's), (3, 3125), (5, 2936), (6, 2912), (7, 2837),

Gene: Vorrps_10 Start: 3349, Stop: 2729, Start Num: 1
Candidate Starts for Vorrps_10:
(Start: 1 @3349 has 9 MA's), (3, 3076), (5, 2887), (6, 2863), (7, 2788),

Gene: Wogge42_10 Start: 3487, Stop: 2867, Start Num: 1
Candidate Starts for Wogge42_10:
(Start: 1 @3487 has 9 MA's), (3, 3214), (5, 3025), (6, 3001), (7, 2926),