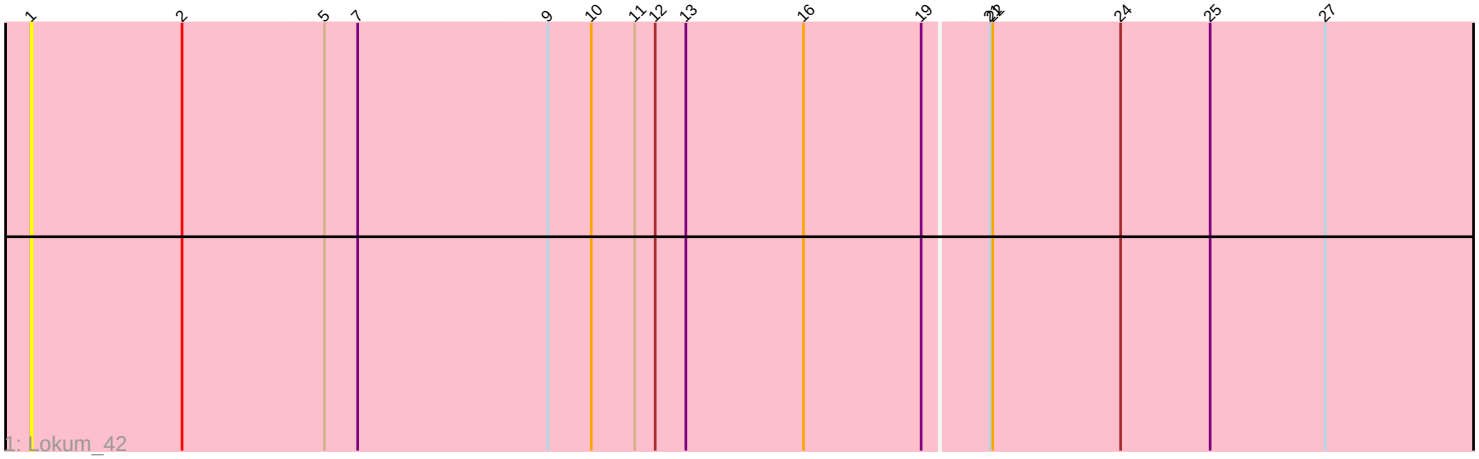
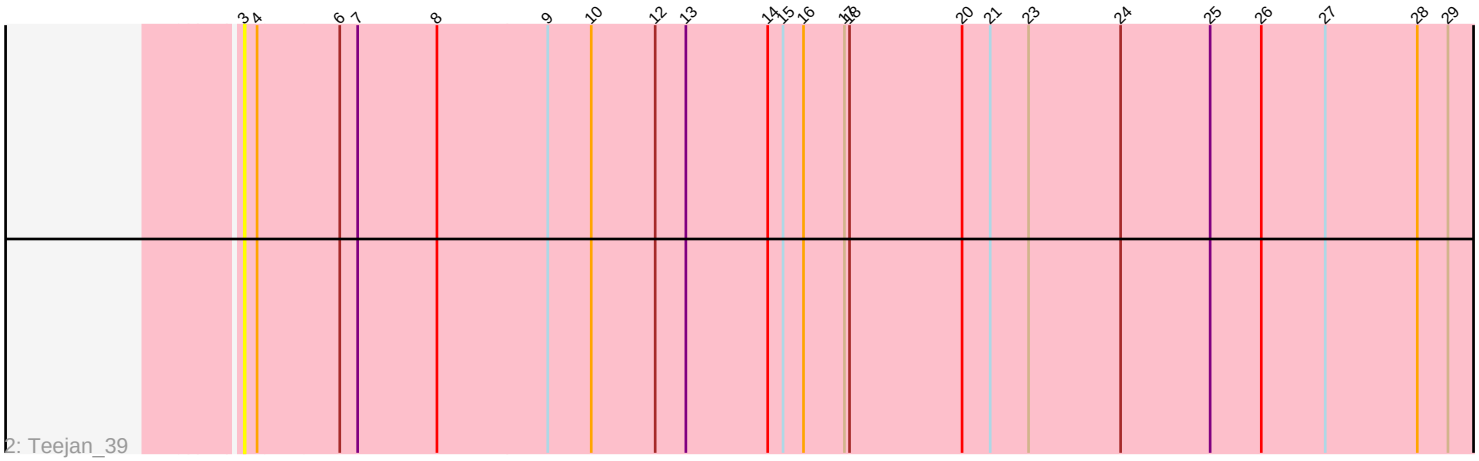
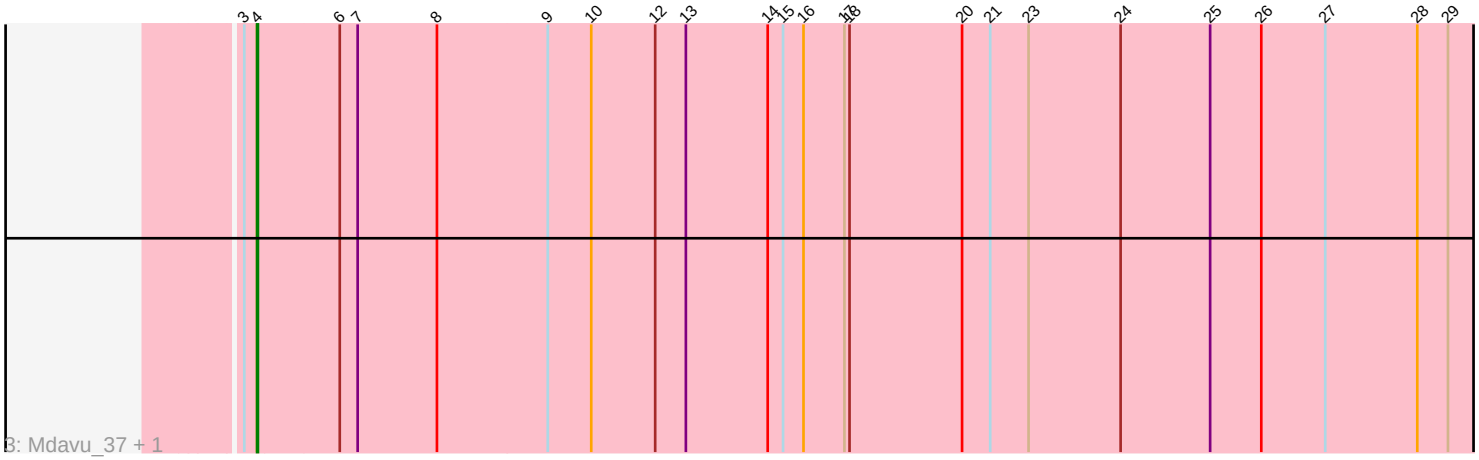
Pham 348465


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1: Lokum_42


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2: Teejan_39


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3: Mdavu_37 + 1

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 348465 Report

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

Pham number 348465 has 4 members, 3 are drafts.

Phages represented in each track:
• Track 1 : Lokum_42
• Track 2 : Teejan_39
• Track 3 : Mdavu_37, Trice_37

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

The start number called the most often in the published annotations is 4, it was called in 1 of the 1 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Mdavu_37, Trice_37,

Genes that have the "Most Annotated" start but do not call it:
• Teejan_39,

Genes that do not have the "Most Annotated" start:
• Lokum_42,

Summary by start number:

Start 1:
• Found in 1 of 4 (25.0%) of genes in pham
• No Manual Annotations of this start.
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Lokum_42 (K1),

Start 3:
• Found in 3 of 4 (75.0%) of genes in pham
• No Manual Annotations of this start.
• Called 33.3% of time when present
• Phage (with cluster) where this start called: Teejan_39 (K1),

Start 4:
• Found in 3 of 4 (75.0%) of genes in pham

• Manual Annotations of this start: 1 of 1
• Called 66.7% of time when present
• Phage (with cluster) where this start called: Mdavu_37 (K1), Trice_37 (K1),

Summary by clusters:

There is one cluster represented in this pham: K1

Info for manual annotations of cluster K1:
•Start number 4 was manually annotated 1 time for cluster K1.

Gene Information:

Gene: Lokum_42 Start: 31993, Stop: 33684, Start Num: 1
Candidate Starts for Lokum_42:
(1, 31993), (2, 32170), (5, 32335), (7, 32374), (9, 32596), (10, 32647), (11, 32698), (12, 32722), (13, 32758), (16, 32896), (19, 33034), (21, 33103), (22, 33106), (24, 33256), (25, 33361), (27, 33496),

Gene: Mdavu_37 Start: 31629, Stop: 33059, Start Num: 4
Candidate Starts for Mdavu_37:
(3, 31614), (Start: 4 @31629 has 1 MA's), (6, 31722), (7, 31743), (8, 31836), (9, 31965), (10, 32016), (12, 32091), (13, 32127), (14, 32223), (15, 32241), (16, 32265), (17, 32313), (18, 32319), (20, 32451), (21, 32484), (23, 32529), (24, 32637), (25, 32742), (26, 32802), (27, 32877), (28, 32985), (29, 33021),

Gene: Teejan_39 Start: 34238, Stop: 35683, Start Num: 3
Candidate Starts for Teejan_39:
(3, 34238), (Start: 4 @34253 has 1 MA's), (6, 34346), (7, 34367), (8, 34460), (9, 34589), (10, 34640), (12, 34715), (13, 34751), (14, 34847), (15, 34865), (16, 34889), (17, 34937), (18, 34943), (20, 35075), (21, 35108), (23, 35153), (24, 35261), (25, 35366), (26, 35426), (27, 35501), (28, 35609), (29, 35645),

Gene: Trice_37 Start: 31641, Stop: 33071, Start Num: 4
Candidate Starts for Trice_37:
(3, 31626), (Start: 4 @31641 has 1 MA's), (6, 31734), (7, 31755), (8, 31848), (9, 31977), (10, 32028), (12, 32103), (13, 32139), (14, 32235), (15, 32253), (16, 32277), (17, 32325), (18, 32331), (20, 32463), (21, 32496), (23, 32541), (24, 32649), (25, 32754), (26, 32814), (27, 32889), (28, 32997), (29, 33033),