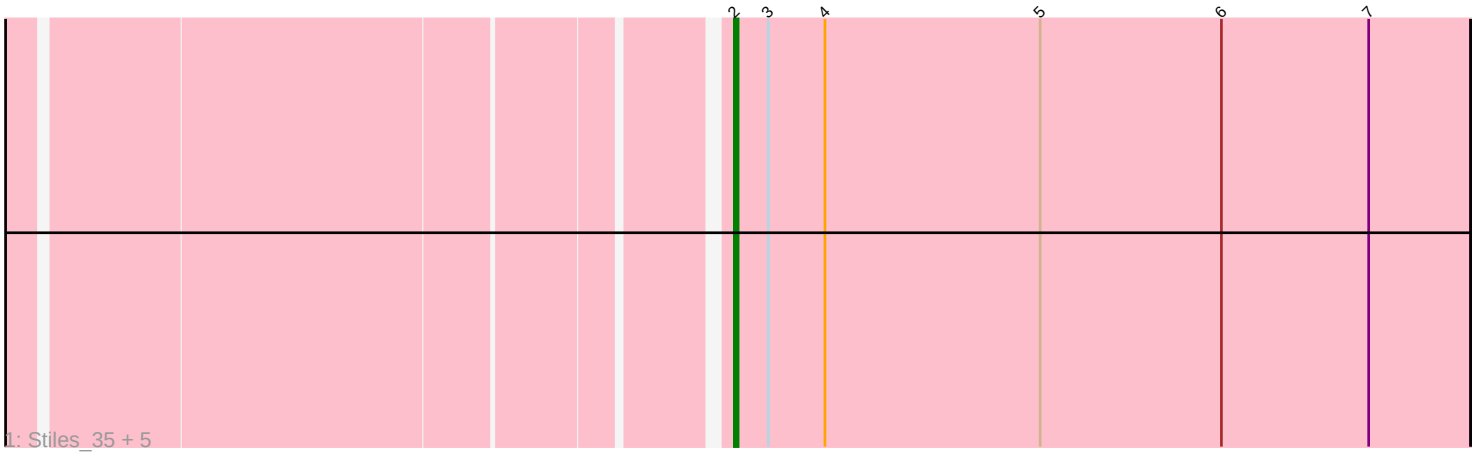
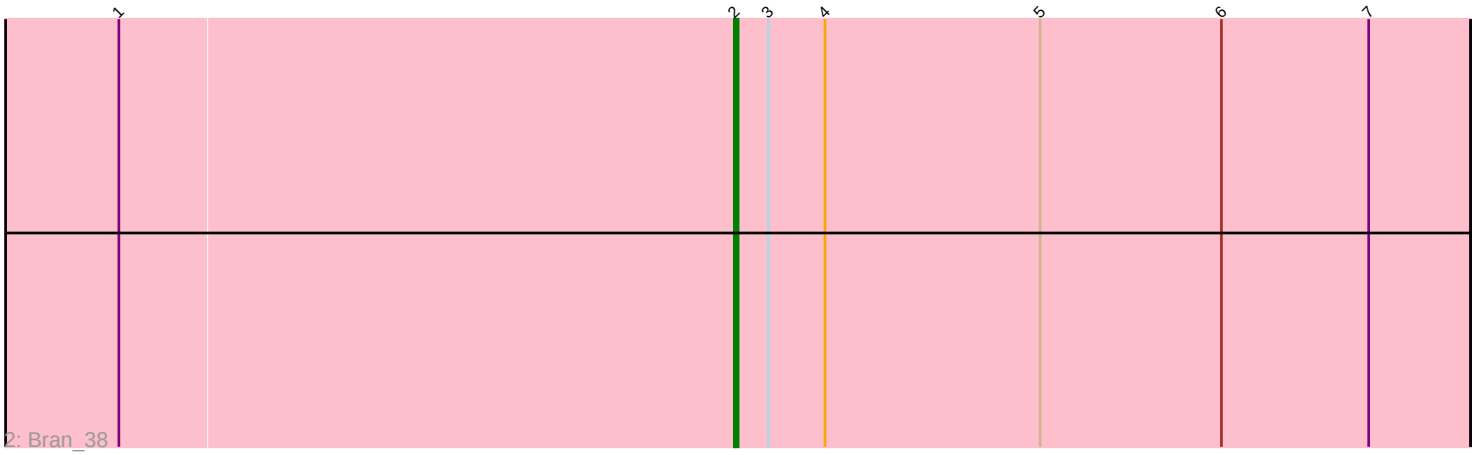
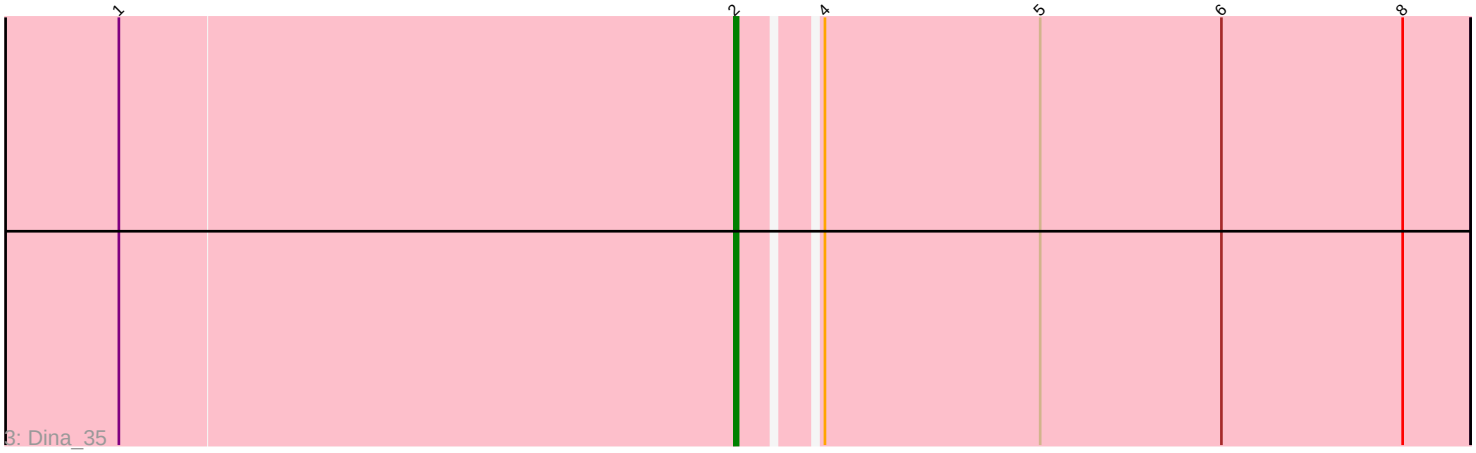
Pham 335599







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 335599 Report

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

Pham number 335599 has 8 members, 0 are drafts.

Phages represented in each track:
• Track 1 : Stiles_35, Troy_33, StAB_33, Lederberg_33, Adelaide_33, SamW_33
• Track 2 : Bran_38
• Track 3 : Dina_35

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

The start number called the most often in the published annotations is 2, it was called in 8 of the 8 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Adelaide_33, Bran_38, Dina_35, Lederberg_33, SamW_33, StAB_33, Stiles_35, Troy_33,

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 2:
• Found in 8 of 8 (100.0%) of genes in pham
• Manual Annotations of this start: 8 of 8
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Adelaide_33 (EP), Bran_38 (EP), Dina_35 (EP), Lederberg_33 (EP), SamW_33 (EP), StAB_33 (EP), Stiles_35 (EP), Troy_33 (EP),

Summary by clusters:

There is one cluster represented in this pham: EP

Info for manual annotations of cluster EP:

•Start number 2 was manually annotated 8 times for cluster EP.

Gene Information:

Gene: Adelaide_33 Start: 28241, Stop: 28435, Start Num: 2
Candidate Starts for Adelaide_33:
(Start: 2 @28241 has 8 MA's), (3, 28250), (4, 28265), (5, 28322), (6, 28370), (7, 28409),

Gene: Bran_38 Start: 30086, Stop: 30280, Start Num: 2
Candidate Starts for Bran_38:
(1, 29924), (Start: 2 @30086 has 8 MA's), (3, 30095), (4, 30110), (5, 30167), (6, 30215), (7, 30254),

Gene: Dina_35 Start: 27311, Stop: 27499, Start Num: 2
Candidate Starts for Dina_35:
(1, 27149), (Start: 2 @27311 has 8 MA's), (4, 27329), (5, 27386), (6, 27434), (8, 27482),

Gene: Lederberg_33 Start: 28110, Stop: 28304, Start Num: 2
Candidate Starts for Lederberg_33:
(Start: 2 @28110 has 8 MA's), (3, 28119), (4, 28134), (5, 28191), (6, 28239), (7, 28278),

Gene: SamW_33 Start: 27725, Stop: 27919, Start Num: 2
Candidate Starts for SamW_33:
(Start: 2 @27725 has 8 MA's), (3, 27734), (4, 27749), (5, 27806), (6, 27854), (7, 27893),

Gene: StAB_33 Start: 28951, Stop: 29145, Start Num: 2
Candidate Starts for StAB_33:
(Start: 2 @28951 has 8 MA's), (3, 28960), (4, 28975), (5, 29032), (6, 29080), (7, 29119),

Gene: Stiles_35 Start: 28902, Stop: 29096, Start Num: 2
Candidate Starts for Stiles_35:
(Start: 2 @28902 has 8 MA's), (3, 28911), (4, 28926), (5, 28983), (6, 29031), (7, 29070),

Gene: Troy_33 Start: 27725, Stop: 27919, Start Num: 2
Candidate Starts for Troy_33:
(Start: 2 @27725 has 8 MA's), (3, 27734), (4, 27749), (5, 27806), (6, 27854), (7, 27893),