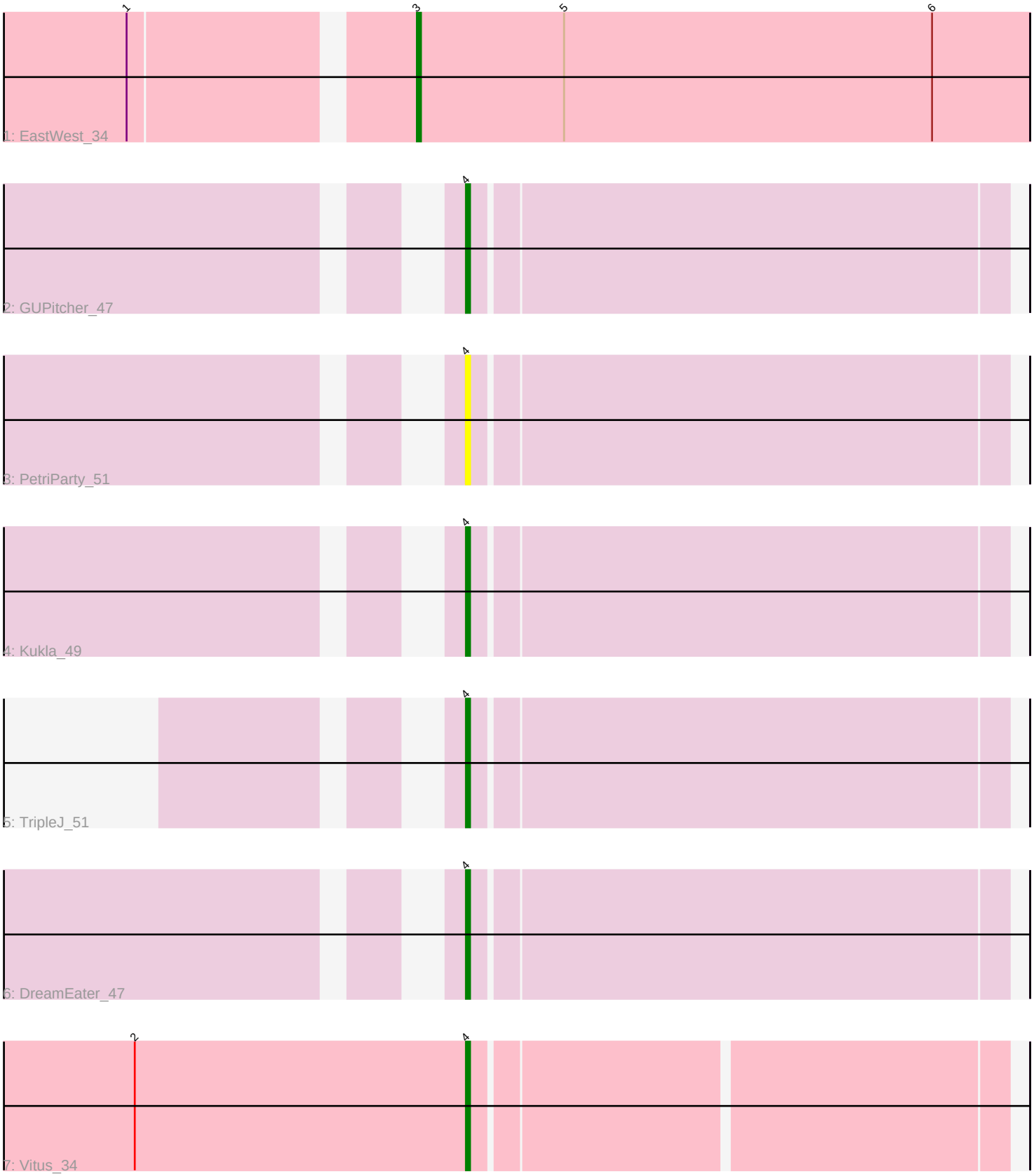
Pham 338775


1
3
5
6
1: EastWest_34
4
2: GUPitcher_47
4
3: PetriParty_51
4
4: Kukla_49
4
5: TripleJ_51
4
6: DreamEater_47
2
4
7: Vitus_34

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 338775 Report

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

Pham number 338775 has 7 members, 1 are drafts.

Phages represented in each track:
• Track 1 : EastWest_34
• Track 2 : GUPitcher_47
• Track 3 : PetriParty_51
• Track 4 : Kukla_49
• Track 5 : TripleJ_51
• Track 6 : DreamEater_47
• Track 7 : Vitus_34

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

Genes that call this "Most Annotated" start:
• DreamEater_47, GUPitcher_47, Kukla_49, PetriParty_51, TripleJ_51, Vitus_34,

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

Genes that do not have the "Most Annotated" start:
• EastWest_34,

Summary by start number:

Start 3:
• Found in 1 of 7 (14.3%) 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: EastWest_34 (AO),

Start 4:
• Found in 6 of 7 (85.7%) 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: DreamEater_47 (FJ), GUPitcher_47 (FJ), Kukla_49 (FJ), PetriParty_51 (FJ), TripleJ_51 (FJ), Vitus_34 (FL),

Summary by clusters:

There are 3 clusters represented in this pham: FJ, FL, AO,

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

Info for manual annotations of cluster FJ:
•Start number 4 was manually annotated 4 times for cluster FJ.

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

Gene Information:

Gene: DreamEater_47 Start: 32996, Stop: 33124, Start Num: 4
Candidate Starts for DreamEater_47:
(Start: 4 @32996 has 5 MA's),

Gene: EastWest_34 Start: 27868, Stop: 28017, Start Num: 3
Candidate Starts for EastWest_34:
(1, 27805), (Start: 3 @27868 has 1 MA's), (5, 27904), (6, 27994),

Gene: GUPitcher_47 Start: 33118, Stop: 33246, Start Num: 4
Candidate Starts for GUPitcher_47:
(Start: 4 @33118 has 5 MA's),

Gene: Kukla_49 Start: 32355, Stop: 32483, Start Num: 4
Candidate Starts for Kukla_49:
(Start: 4 @32355 has 5 MA's),

Gene: PetriParty_51 Start: 32593, Stop: 32721, Start Num: 4
Candidate Starts for PetriParty_51:
(Start: 4 @32593 has 5 MA's),

Gene: TripleJ_51 Start: 32517, Stop: 32645, Start Num: 4
Candidate Starts for TripleJ_51:
(Start: 4 @32517 has 5 MA's),

Gene: Vitus_34 Start: 28833, Stop: 28958, Start Num: 4
Candidate Starts for Vitus_34:
(2, 28752), (Start: 4 @28833 has 5 MA's),