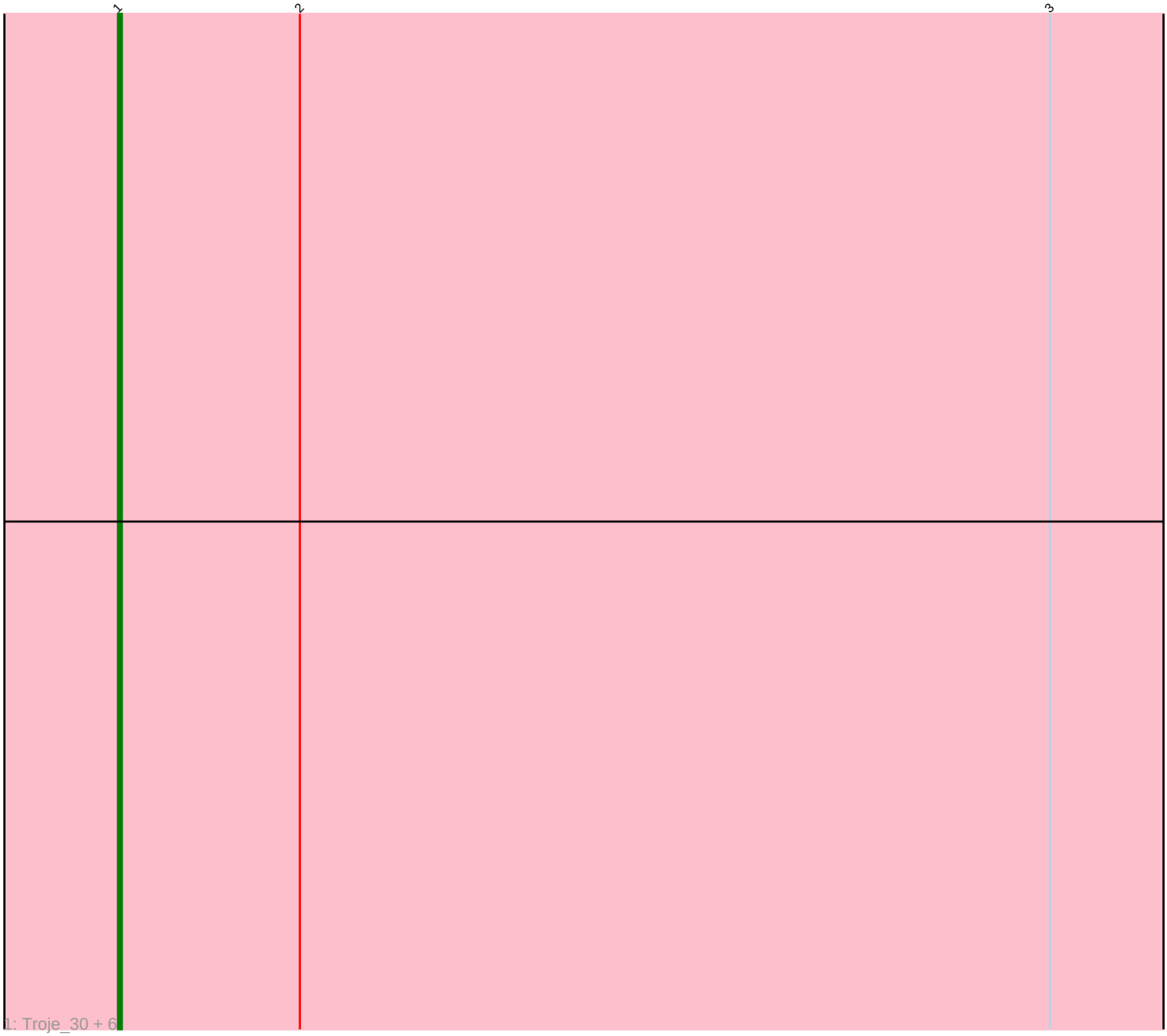
Pham 8910



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 8910 Report

This analysis was run 04/12/24 on database version 558.

Pham number 8910 has 7 members, 0 are drafts.

Phages represented in each track:
• Track 1 : Troje_30, Horseradish_31, MScarn_32, Yummy_31, Biskit_31, SketchMex_29, Buttrmlkdreams_30

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 7 of the 7 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Biskit_31, Buttrmlkdreams_30, Horseradish_31, MScarn_32, SketchMex_29, Troje_30, Yummy_31,

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 7 of 7 (100.0%) of genes in pham
• Manual Annotations of this start: 7 of 7
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Biskit_31 (CT), Buttrmlkdreams_30 (CT), Horseradish_31 (CT), MScarn_32 (CT), SketchMex_29 (CT), Troje_30 (CT), Yummy_31 (CT),

Summary by clusters:

There is one cluster represented in this pham: CT

Info for manual annotations of cluster CT:
•Start number 1 was manually annotated 7 times for cluster CT.

Gene Information:

Gene: Biskit_31 Start: 24067, Stop: 23735, Start Num: 1
Candidate Starts for Biskit_31:
(Start: 1 @24067 has 7 MA's), (2, 24019), (3, 23821),

Gene: Buttrmlkdreams_30 Start: 24049, Stop: 23717, Start Num: 1
Candidate Starts for Buttrmlkdreams_30:
(Start: 1 @24049 has 7 MA's), (2, 24001), (3, 23803),

Gene: Horseradish_31 Start: 23912, Stop: 23580, Start Num: 1
Candidate Starts for Horseradish_31:
(Start: 1 @23912 has 7 MA's), (2, 23864), (3, 23666),

Gene: MScarn_32 Start: 24052, Stop: 23720, Start Num: 1
Candidate Starts for MScarn_32:
(Start: 1 @24052 has 7 MA's), (2, 24004), (3, 23806),

Gene: SketchMex_29 Start: 24067, Stop: 23735, Start Num: 1
Candidate Starts for SketchMex_29:
(Start: 1 @24067 has 7 MA's), (2, 24019), (3, 23821),

Gene: Troje_30 Start: 24073, Stop: 23741, Start Num: 1
Candidate Starts for Troje_30:
(Start: 1 @24073 has 7 MA's), (2, 24025), (3, 23827),

Gene: Yummy_31 Start: 24026, Stop: 23694, Start Num: 1
Candidate Starts for Yummy_31:
(Start: 1 @24026 has 7 MA's), (2, 23978), (3, 23780),