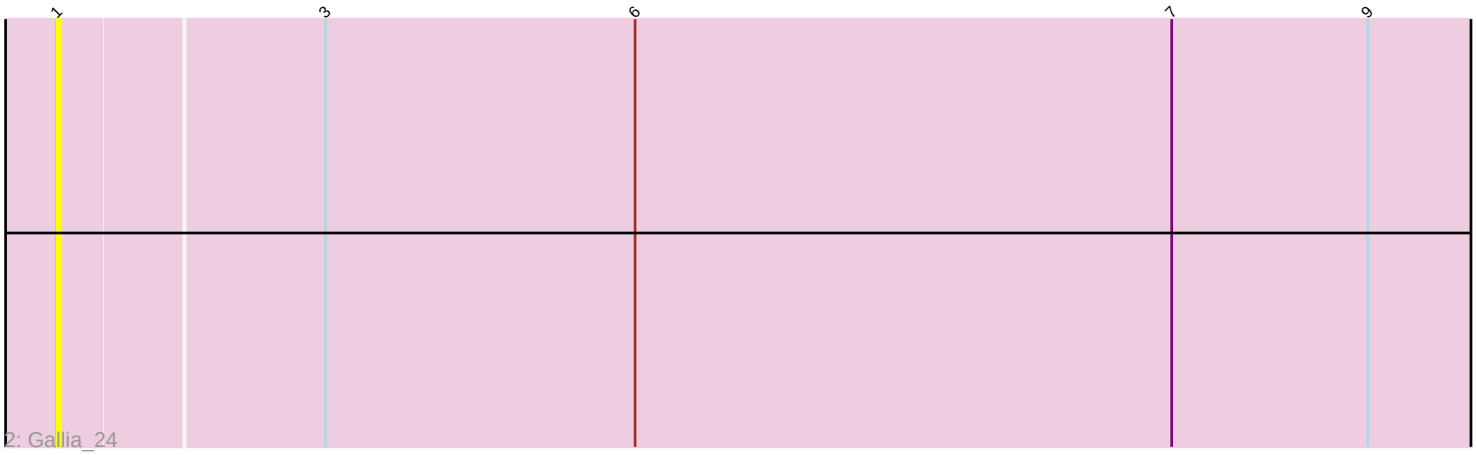
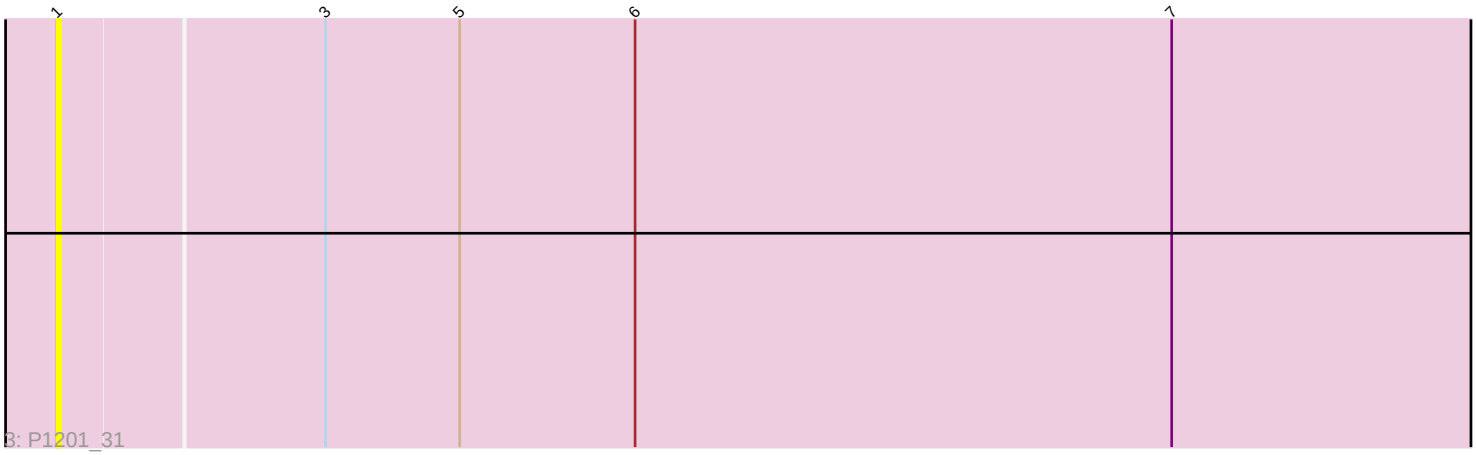
Pham 303907





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 303907 Report

This analysis was run 06/08/26 on database version 649.

Pham number 303907 has 9 members, 2 are drafts.

Phages represented in each track:
• Track 1 : Kimchi1738_16, PotatoChip_16, Zion_16, Cruella_16, Darwin_19, C3PO_16, Stickynote_18
• Track 2 : Gallia_24
• Track 3 : P1201_31

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:
• C3PO_16, Cruella_16, Darwin_19, Gallia_24, Kimchi1738_16, P1201_31, PotatoChip_16, Stickynote_18, Zion_16,

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 9 of 9 (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: C3PO_16 (EN), Cruella_16 (EN), Darwin_19 (EN), Gallia_24 (singleton), Kimchi1738_16 (EN), P1201_31 (singleton), PotatoChip_16 (EN), Stickynote_18 (EN), Zion_16 (EN),

Summary by clusters:

There are 2 clusters represented in this pham: singleton, EN,

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

Gene Information:

Gene: C3PO_16 Start: 12160, Stop: 12579, Start Num: 1
Candidate Starts for C3PO_16:
(Start: 1 @12160 has 7 MA's), (2, 12178), (4, 12247), (5, 12274), (8, 12526),

Gene: Cruella_16 Start: 12160, Stop: 12579, Start Num: 1
Candidate Starts for Cruella_16:
(Start: 1 @12160 has 7 MA's), (2, 12178), (4, 12247), (5, 12274), (8, 12526),

Gene: Darwin_19 Start: 12905, Stop: 13324, Start Num: 1
Candidate Starts for Darwin_19:
(Start: 1 @12905 has 7 MA's), (2, 12923), (4, 12992), (5, 13019), (8, 13271),

Gene: Gallia_24 Start: 15906, Stop: 16340, Start Num: 1
Candidate Starts for Gallia_24:
(Start: 1 @15906 has 7 MA's), (3, 15981), (6, 16071), (7, 16227), (9, 16284),

Gene: Kimchi1738_16 Start: 11758, Stop: 12177, Start Num: 1
Candidate Starts for Kimchi1738_16:
(Start: 1 @11758 has 7 MA's), (2, 11776), (4, 11845), (5, 11872), (8, 12124),

Gene: P1201_31 Start: 19091, Stop: 19525, Start Num: 1
Candidate Starts for P1201_31:
(Start: 1 @19091 has 7 MA's), (3, 19166), (5, 19205), (6, 19256), (7, 19412),

Gene: PotatoChip_16 Start: 12127, Stop: 12546, Start Num: 1
Candidate Starts for PotatoChip_16:
(Start: 1 @12127 has 7 MA's), (2, 12145), (4, 12214), (5, 12241), (8, 12493),

Gene: Stickynote_18 Start: 12937, Stop: 13356, Start Num: 1
Candidate Starts for Stickynote_18:
(Start: 1 @12937 has 7 MA's), (2, 12955), (4, 13024), (5, 13051), (8, 13303),

Gene: Zion_16 Start: 12125, Stop: 12544, Start Num: 1
Candidate Starts for Zion_16:
(Start: 1 @12125 has 7 MA's), (2, 12143), (4, 12212), (5, 12239), (8, 12491),