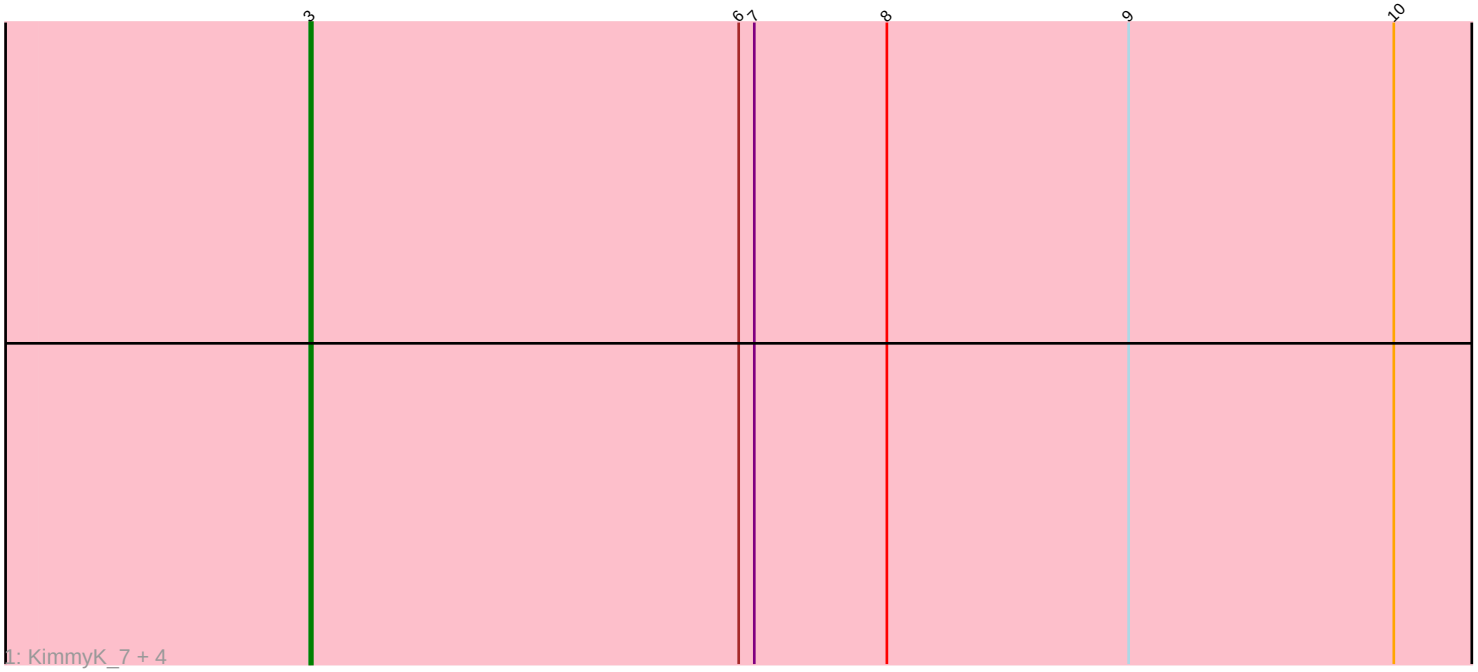
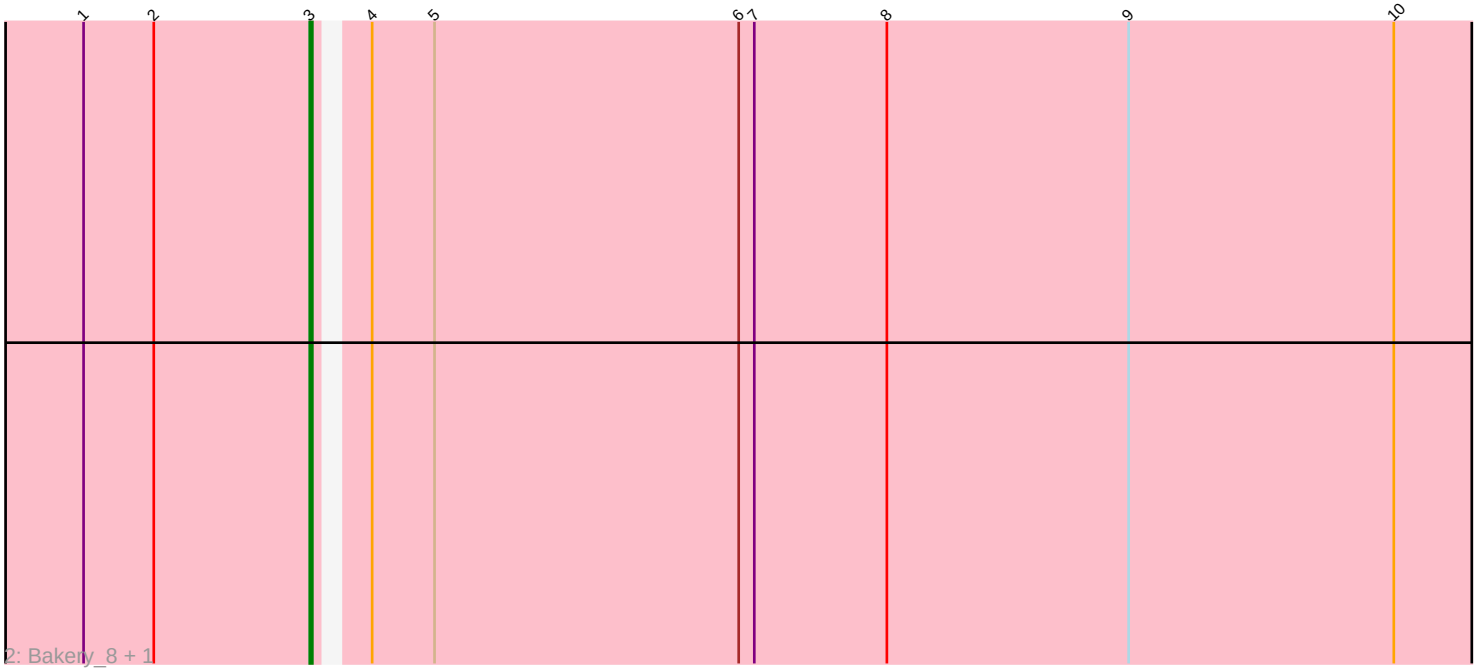
Pham 342891





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 342891 Report

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

Pham number 342891 has 7 members, 1 are drafts.

Phages represented in each track:
• Track 1 : KimmyK_7, PinkCoffee_7, Fugax_7, Barb_7, ClamChowder_7
• Track 2 : Bakery_8, Sixsevenium_8

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

The start number called the most often in the published annotations is 3, it was called in 6 of the 6 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Bakery_8, Barb_7, ClamChowder_7, Fugax_7, KimmyK_7, PinkCoffee_7, Sixsevenium_8,

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 3:
• Found in 7 of 7 (100.0%) of genes in pham
• Manual Annotations of this start: 6 of 6
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Bakery_8 (DC1), Barb_7 (DC1), ClamChowder_7 (DC1), Fugax_7 (DC1), KimmyK_7 (DC1), PinkCoffee_7 (DC1), Sixsevenium_8 (DC1),

Summary by clusters:

There is one cluster represented in this pham: DC1

Info for manual annotations of cluster DC1:
•Start number 3 was manually annotated 6 times for cluster DC1.

Gene Information:

Gene: Bakery_8 Start: 3687, Stop: 4127, Start Num: 3
Candidate Starts for Bakery_8:
(1, 3600), (2, 3627), (Start: 3 @3687 has 6 MA's), (4, 3702), (5, 3726), (6, 3843), (7, 3849), (8, 3900), (9, 3993), (10, 4095),

Gene: Barb_7 Start: 3573, Stop: 4022, Start Num: 3
Candidate Starts for Barb_7:
(Start: 3 @3573 has 6 MA's), (6, 3738), (7, 3744), (8, 3795), (9, 3888), (10, 3990),

Gene: ClamChowder_7 Start: 3573, Stop: 4022, Start Num: 3
Candidate Starts for ClamChowder_7:
(Start: 3 @3573 has 6 MA's), (6, 3738), (7, 3744), (8, 3795), (9, 3888), (10, 3990),

Gene: Fugax_7 Start: 3573, Stop: 4022, Start Num: 3
Candidate Starts for Fugax_7:
(Start: 3 @3573 has 6 MA's), (6, 3738), (7, 3744), (8, 3795), (9, 3888), (10, 3990),

Gene: KimmyK_7 Start: 3573, Stop: 4022, Start Num: 3
Candidate Starts for KimmyK_7:
(Start: 3 @3573 has 6 MA's), (6, 3738), (7, 3744), (8, 3795), (9, 3888), (10, 3990),

Gene: PinkCoffee_7 Start: 3582, Stop: 4031, Start Num: 3
Candidate Starts for PinkCoffee_7:
(Start: 3 @3582 has 6 MA's), (6, 3747), (7, 3753), (8, 3804), (9, 3897), (10, 3999),

Gene: Sixsevenium_8 Start: 3687, Stop: 4127, Start Num: 3
Candidate Starts for Sixsevenium_8:
(1, 3600), (2, 3627), (Start: 3 @3687 has 6 MA's), (4, 3702), (5, 3726), (6, 3843), (7, 3849), (8, 3900), (9, 3993), (10, 4095),