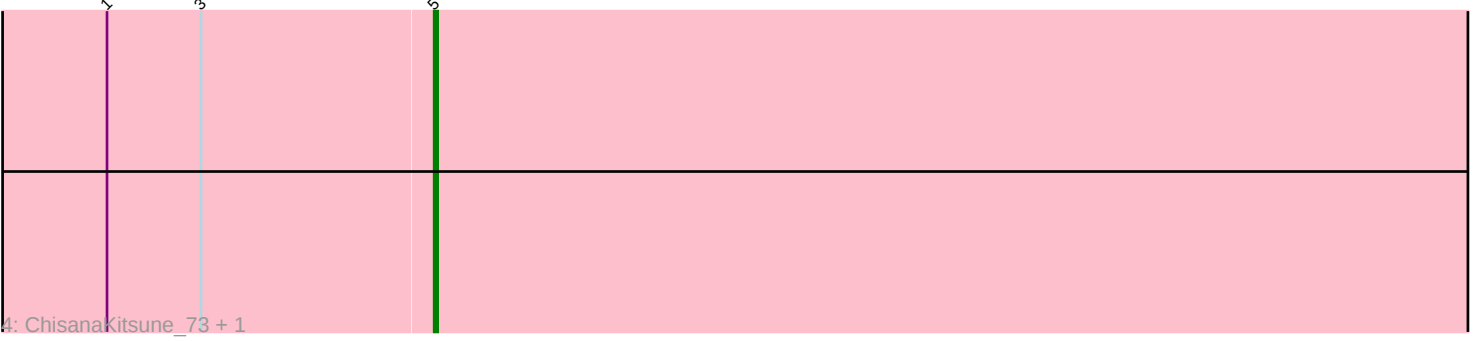
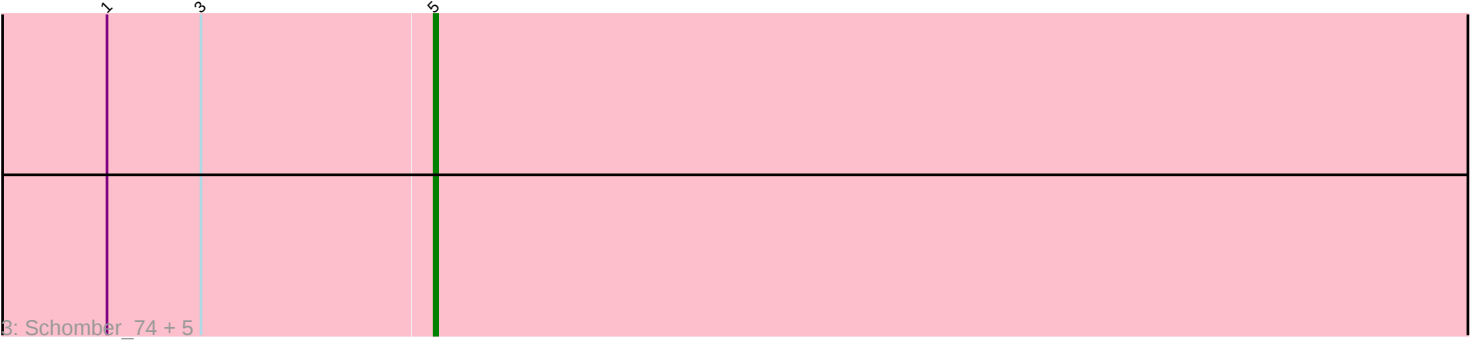
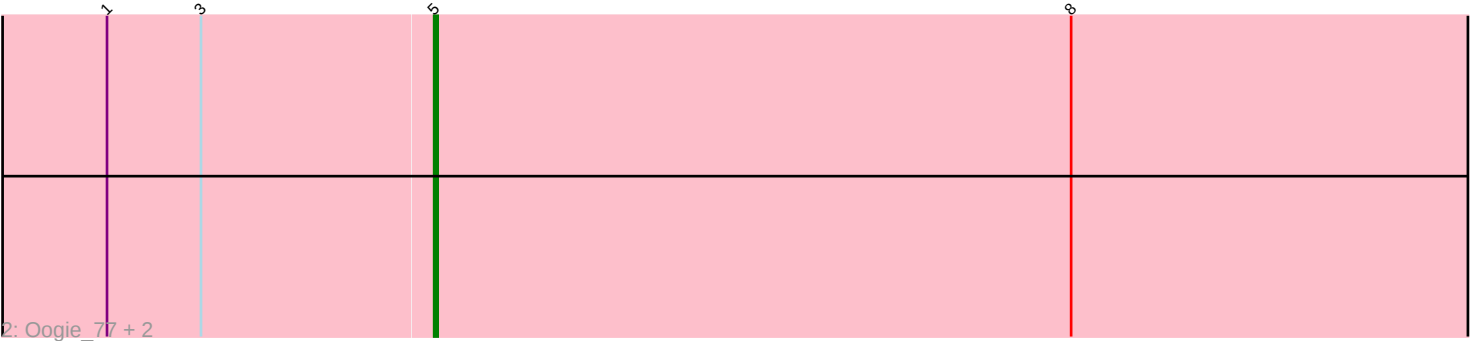
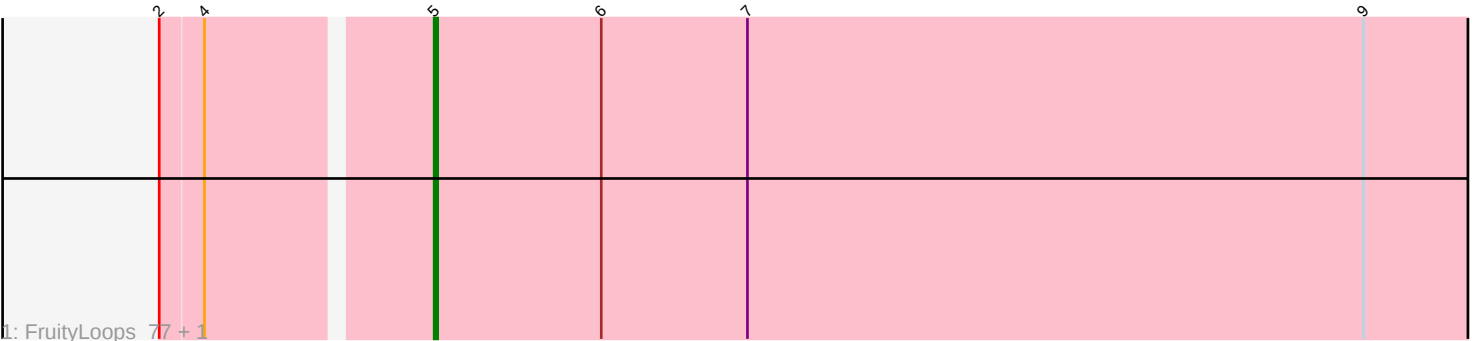




Note: Tracks are now grouped by subcluster and scaled. Switching in subcluster is indicated by changes in track color. Track scale is now set by default to display the region 30 bp upstream of start 1 to 30 bp downstream of the last possible start. If this default region is judged to be packed too tightly 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 307124 Report

This analysis was run 09/05/26 on database version 662.

Pham number 307124 has 13 members, 2 are drafts.

Phages represented in each track:

- Track 1 : FruityLoops_77, UBSmoodge_80
- Track 2 : Oogie_77, Lenoshki_76, Beted_76
- Track 3 : Schomber_74, Alok_75, Gray_76, Kabocha_77, Hanem_75, Mikronejon_76
- Track 4 : ChisanaKitsune_73, Farrylous_74

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

The start number called the most often in the published annotations is 5, it was called in 11 of the 11 non-draft genes in the pham.

Genes that call this "Most Annotated" start:

- Alok_75, Beted_76, ChisanaKitsune_73, Farrylous_74, FruityLoops_77, Gray_76, Hanem_75, Kabocha_77, Lenoshki_76, Mikronejon_76, Oogie_77, Schomber_74, UBSmoodge_80,

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 5:

- Found in 13 of 13 (100.0%) of genes in pham
- Manual Annotations of this start: 11 of 11
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Alok_75 (DQ), Beted_76 (DQ), ChisanaKitsune_73 (DQ), Farrylous_74 (DQ), FruityLoops_77 (DQ), Gray_76 (DQ), Hanem_75 (DQ), Kabocha_77 (DQ), Lenoshki_76 (DQ), Mikronejon_76 (DQ), Oogie_77 (DQ), Schomber_74 (DQ), UBSmoodge_80 (DQ),

Summary by clusters:

There is one cluster represented in this pham: DQ

Info for manual annotations of cluster DQ:

•Start number 5 was manually annotated 11 times for cluster DQ.

Gene Information:

Gene: Alok_i_75 Start: 60758, Stop: 61162, Start Num: 5

Candidate Starts for Alok_i_75:

(1, 60665), (3, 60692), (Start: 5 @60758 has 11 MA's),

Gene: Beted_76 Start: 62884, Stop: 63267, Start Num: 5

Candidate Starts for Beted_76:

(1, 62791), (3, 62818), (Start: 5 @62884 has 11 MA's), (8, 63067),

Gene: ChisanaKitsune_73 Start: 60428, Stop: 60832, Start Num: 5

Candidate Starts for ChisanaKitsune_73:

(1, 60335), (3, 60362), (Start: 5 @60428 has 11 MA's),

Gene: Farrylous_74 Start: 60519, Stop: 60923, Start Num: 5

Candidate Starts for Farrylous_74:

(1, 60426), (3, 60453), (Start: 5 @60519 has 11 MA's),

Gene: FruityLoops_77 Start: 64804, Stop: 65106, Start Num: 5

Candidate Starts for FruityLoops_77:

(2, 64732), (4, 64744), (Start: 5 @64804 has 11 MA's), (6, 64852), (7, 64894), (9, 65071),

Gene: Gray_76 Start: 61273, Stop: 61656, Start Num: 5

Candidate Starts for Gray_76:

(1, 61180), (3, 61207), (Start: 5 @61273 has 11 MA's),

Gene: Hanem_75 Start: 60758, Stop: 61162, Start Num: 5

Candidate Starts for Hanem_75:

(1, 60665), (3, 60692), (Start: 5 @60758 has 11 MA's),

Gene: Kabocha_77 Start: 62101, Stop: 62505, Start Num: 5

Candidate Starts for Kabocha_77:

(1, 62008), (3, 62035), (Start: 5 @62101 has 11 MA's),

Gene: Lenoshki_76 Start: 62884, Stop: 63267, Start Num: 5

Candidate Starts for Lenoshki_76:

(1, 62791), (3, 62818), (Start: 5 @62884 has 11 MA's), (8, 63067),

Gene: Mikronejon_76 Start: 60758, Stop: 61162, Start Num: 5

Candidate Starts for Mikronejon_76:

(1, 60665), (3, 60692), (Start: 5 @60758 has 11 MA's),

Gene: Oogie_77 Start: 62934, Stop: 63317, Start Num: 5

Candidate Starts for Oogie_77:

(1, 62841), (3, 62868), (Start: 5 @62934 has 11 MA's), (8, 63117),

Gene: Schomber_74 Start: 60492, Stop: 60896, Start Num: 5

Candidate Starts for Schomber_74:

(1, 60399), (3, 60426), (Start: 5 @60492 has 11 MA's),

Gene: UBSmoodge_80 Start: 65247, Stop: 65549, Start Num: 5

Candidate Starts for UBSmoodge_80:

(2, 65175), (4, 65187), (Start: 5 @65247 has 11 MA's), (6, 65295), (7, 65337), (9, 65514),