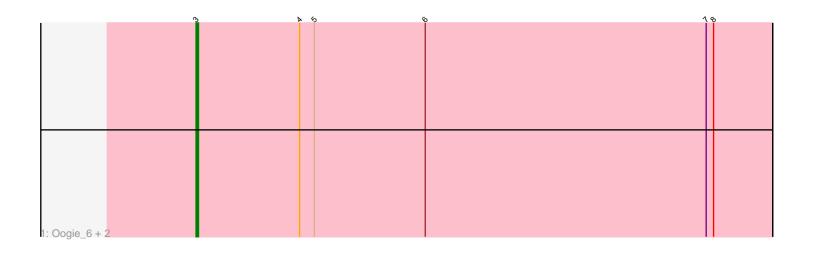
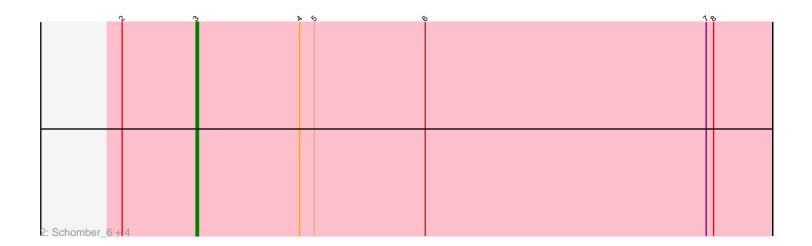
Pham 11349





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|---------------------|---|---|---|----|
| | | | | |
| B: ChisanaKitsune 6 | | | | |

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 11349 Report

This analysis was run 04/28/24 on database version 559.

Pham number 11349 has 9 members, 3 are drafts.

Phages represented in each track:

- Track 1 : Oogie_6, Pakusa_6, Gray_6
- Track 2 : Schomber_6, Hanem_6, Chidiebere_6, Aloki_6, Kabocha_6
- Track 3 : ChisanaKitsune_6

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: • Aloki_6, Chidiebere_6, ChisanaKitsune_6, Gray_6, Hanem_6, Kabocha_6, Oogie_6, Pakusa_6, Schomber_6,

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 9 of 9 (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: Aloki_6 (DQ), Chidiebere_6 (DQ), ChisanaKitsune_6 (DQ), Gray_6 (DQ), Hanem_6 (DQ), Kabocha_6 (DQ), Oogie_6 (DQ), Pakusa_6 (DQ), Schomber_6 (DQ),

Summary by clusters:

There is one cluster represented in this pham: DQ

Info for manual annotations of cluster DQ:

•Start number 3 was manually annotated 6 times for cluster DQ.

Gene Information:

Gene: Aloki_6 Start: 3706, Stop: 3939, Start Num: 3 Candidate Starts for Aloki_6: (2, 3676), (Start: 3 @3706 has 6 MA's), (4, 3748), (5, 3754), (6, 3799), (7, 3913), (8, 3916),

Gene: Chidiebere_6 Start: 3706, Stop: 3939, Start Num: 3 Candidate Starts for Chidiebere_6: (2, 3676), (Start: 3 @3706 has 6 MA's), (4, 3748), (5, 3754), (6, 3799), (7, 3913), (8, 3916),

Gene: ChisanaKitsune_6 Start: 3444, Stop: 3677, Start Num: 3 Candidate Starts for ChisanaKitsune_6: (1, 3411), (Start: 3 @3444 has 6 MA's), (4, 3486), (6, 3537), (7, 3651), (8, 3654),

Gene: Gray_6 Start: 3706, Stop: 3939, Start Num: 3 Candidate Starts for Gray_6: (Start: 3 @3706 has 6 MA's), (4, 3748), (5, 3754), (6, 3799), (7, 3913), (8, 3916),

Gene: Hanem_6 Start: 3706, Stop: 3939, Start Num: 3 Candidate Starts for Hanem_6: (2, 3676), (Start: 3 @3706 has 6 MA's), (4, 3748), (5, 3754), (6, 3799), (7, 3913), (8, 3916),

Gene: Kabocha_6 Start: 3706, Stop: 3939, Start Num: 3 Candidate Starts for Kabocha_6: (2, 3676), (Start: 3 @3706 has 6 MA's), (4, 3748), (5, 3754), (6, 3799), (7, 3913), (8, 3916),

Gene: Oogie_6 Start: 3447, Stop: 3680, Start Num: 3 Candidate Starts for Oogie_6: (Start: 3 @3447 has 6 MA's), (4, 3489), (5, 3495), (6, 3540), (7, 3654), (8, 3657),

Gene: Pakusa_6 Start: 3448, Stop: 3681, Start Num: 3 Candidate Starts for Pakusa_6: (Start: 3 @3448 has 6 MA's), (4, 3490), (5, 3496), (6, 3541), (7, 3655), (8, 3658),

Gene: Schomber_6 Start: 3706, Stop: 3939, Start Num: 3 Candidate Starts for Schomber_6: (2, 3676), (Start: 3 @3706 has 6 MA's), (4, 3748), (5, 3754), (6, 3799), (7, 3913), (8, 3916),