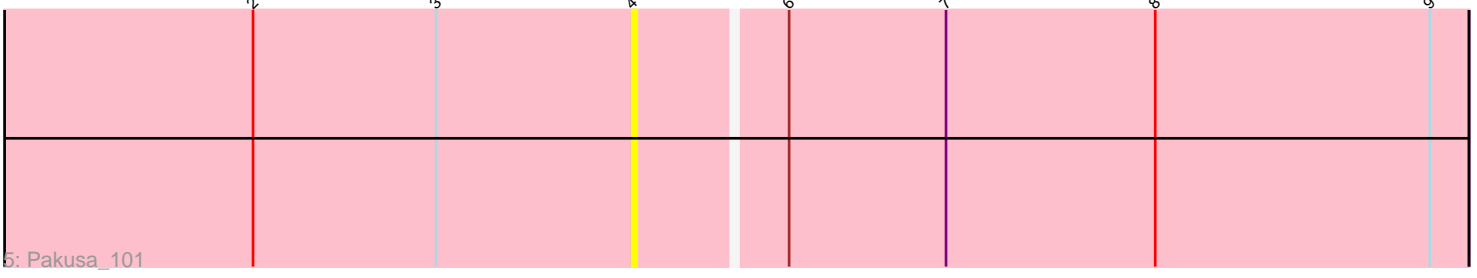
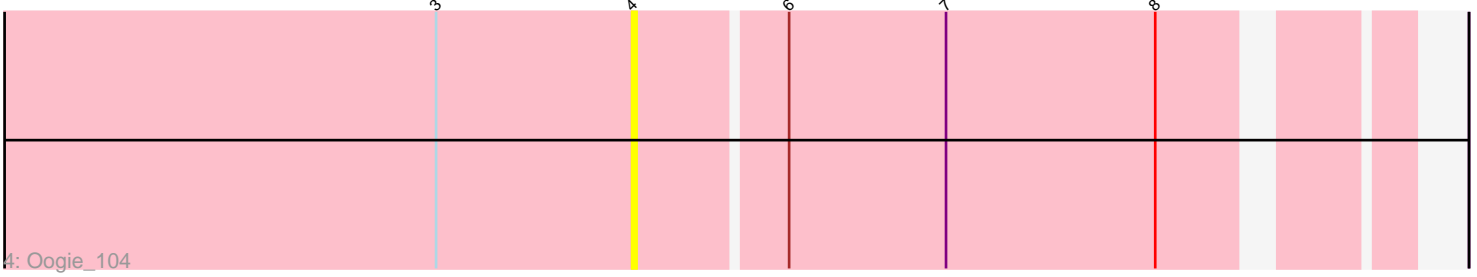
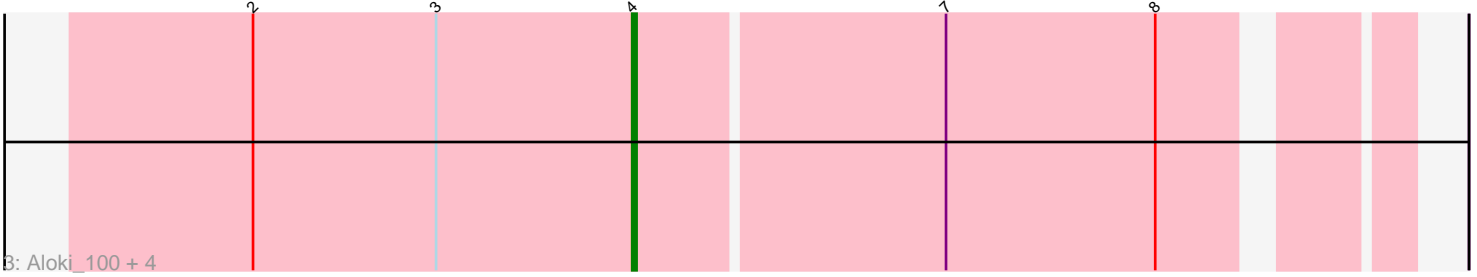
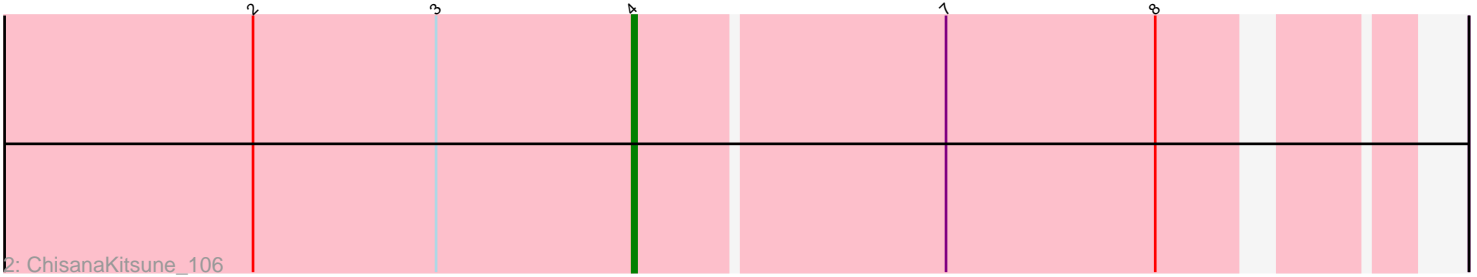
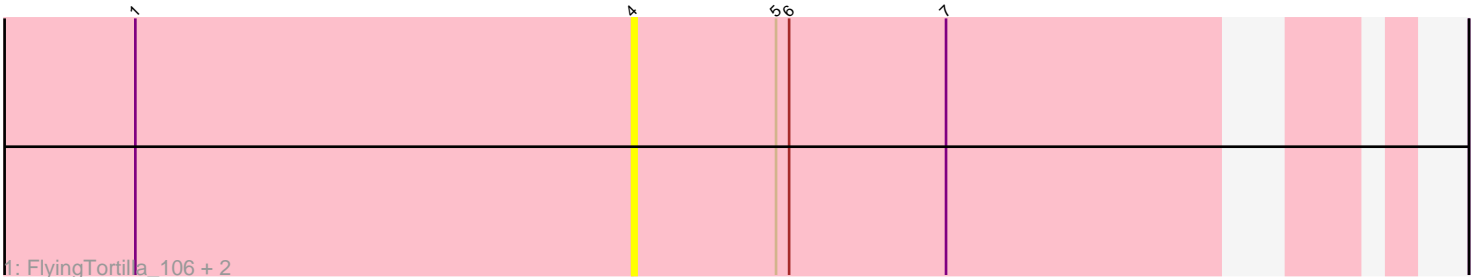


Pham 15369



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 15369 Report

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

Pham number 15369 has 11 members, 6 are drafts.

Phages represented in each track:

- Track 1 : FlyingTortilla_106, ScarletRaider_107, UBSmoodge_108
- Track 2 : ChisanaKitsune_106
- Track 3 : Alok_100, Kabocha_109, Chidiebere_108, Hanem_107, Schomber_106
- Track 4 : Oogie_104
- Track 5 : Pakusa_101

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

The start number called the most often in the published annotations is 4, it was called in 5 of the 5 non-draft genes in the pham.

Genes that call this "Most Annotated" start:

- Alok_100, Chidiebere_108, ChisanaKitsune_106, FlyingTortilla_106, Hanem_107, Kabocha_109, Oogie_104, Pakusa_101, ScarletRaider_107, Schomber_106, UBSmoodge_108,

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 4:

- Found in 11 of 11 (100.0%) of genes in pham
- Manual Annotations of this start: 5 of 5
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Alok_100 (DQ), Chidiebere_108 (DQ), ChisanaKitsune_106 (DQ), FlyingTortilla_106 (DQ), Hanem_107 (DQ), Kabocha_109 (DQ), Oogie_104 (DQ), Pakusa_101 (DQ), ScarletRaider_107 (DQ), Schomber_106 (DQ), UBSmoodge_108 (DQ),

Summary by clusters:

There is one cluster represented in this pham: DQ

Info for manual annotations of cluster DQ:

•Start number 4 was manually annotated 5 times for cluster DQ.

Gene Information:

Gene: Alok_i_100 Start: 76143, Stop: 76307, Start Num: 4

Candidate Starts for Alok_i_100:

(2, 76056), (3, 76098), (Start: 4 @76143 has 5 MA's), (7, 76212), (8, 76260),

Gene: Chidiebere_108 Start: 77273, Stop: 77437, Start Num: 4

Candidate Starts for Chidiebere_108:

(2, 77186), (3, 77228), (Start: 4 @77273 has 5 MA's), (7, 77342), (8, 77390),

Gene: ChisanaKitsune_106 Start: 76141, Stop: 76305, Start Num: 4

Candidate Starts for ChisanaKitsune_106:

(2, 76054), (3, 76096), (Start: 4 @76141 has 5 MA's), (7, 76210), (8, 76258),

Gene: FlyingTortilla_106 Start: 80053, Stop: 80211, Start Num: 4

Candidate Starts for FlyingTortilla_106:

(1, 79939), (Start: 4 @80053 has 5 MA's), (5, 80086), (6, 80089), (7, 80125),

Gene: Hanem_107 Start: 76143, Stop: 76307, Start Num: 4

Candidate Starts for Hanem_107:

(2, 76056), (3, 76098), (Start: 4 @76143 has 5 MA's), (7, 76212), (8, 76260),

Gene: Kabocha_109 Start: 78086, Stop: 78250, Start Num: 4

Candidate Starts for Kabocha_109:

(2, 77999), (3, 78041), (Start: 4 @78086 has 5 MA's), (7, 78155), (8, 78203),

Gene: Oogie_104 Start: 78081, Stop: 78245, Start Num: 4

Candidate Starts for Oogie_104:

(3, 78036), (Start: 4 @78081 has 5 MA's), (6, 78114), (7, 78150), (8, 78198),

Gene: Pakusa_101 Start: 75869, Stop: 76057, Start Num: 4

Candidate Starts for Pakusa_101:

(2, 75782), (3, 75824), (Start: 4 @75869 has 5 MA's), (6, 75902), (7, 75938), (8, 75986), (9, 76049),

Gene: ScarletRaider_107 Start: 79395, Stop: 79553, Start Num: 4

Candidate Starts for ScarletRaider_107:

(1, 79281), (Start: 4 @79395 has 5 MA's), (5, 79428), (6, 79431), (7, 79467),

Gene: Schomber_106 Start: 76474, Stop: 76638, Start Num: 4

Candidate Starts for Schomber_106:

(2, 76387), (3, 76429), (Start: 4 @76474 has 5 MA's), (7, 76543), (8, 76591),

Gene: UBSmoodge_108 Start: 79840, Stop: 79998, Start Num: 4

Candidate Starts for UBSmoodge_108:

(1, 79726), (Start: 4 @79840 has 5 MA's), (5, 79873), (6, 79876), (7, 79912),

