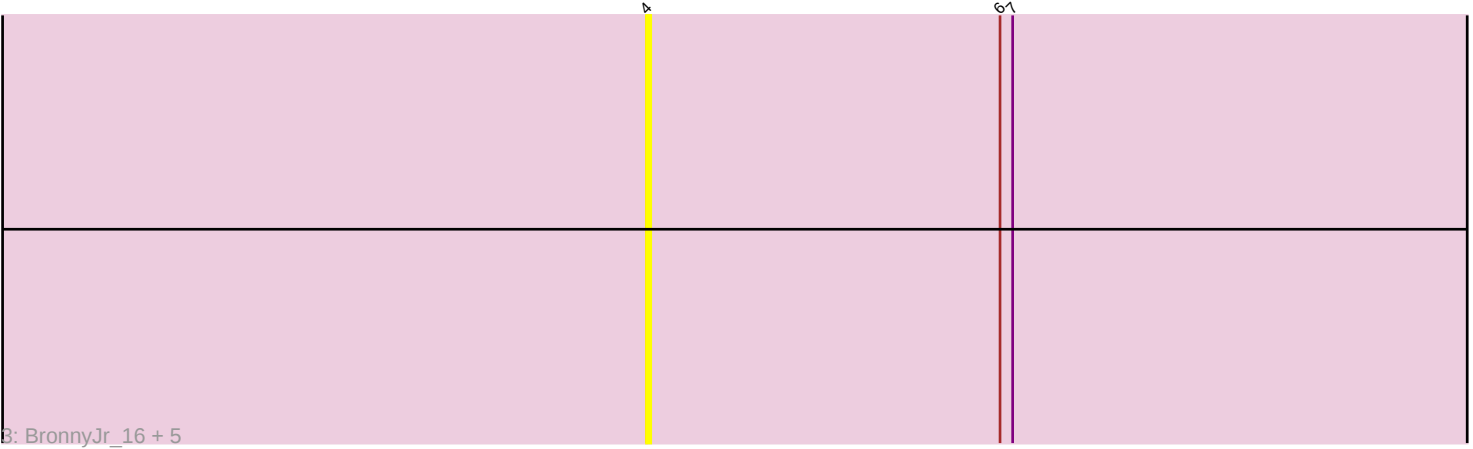
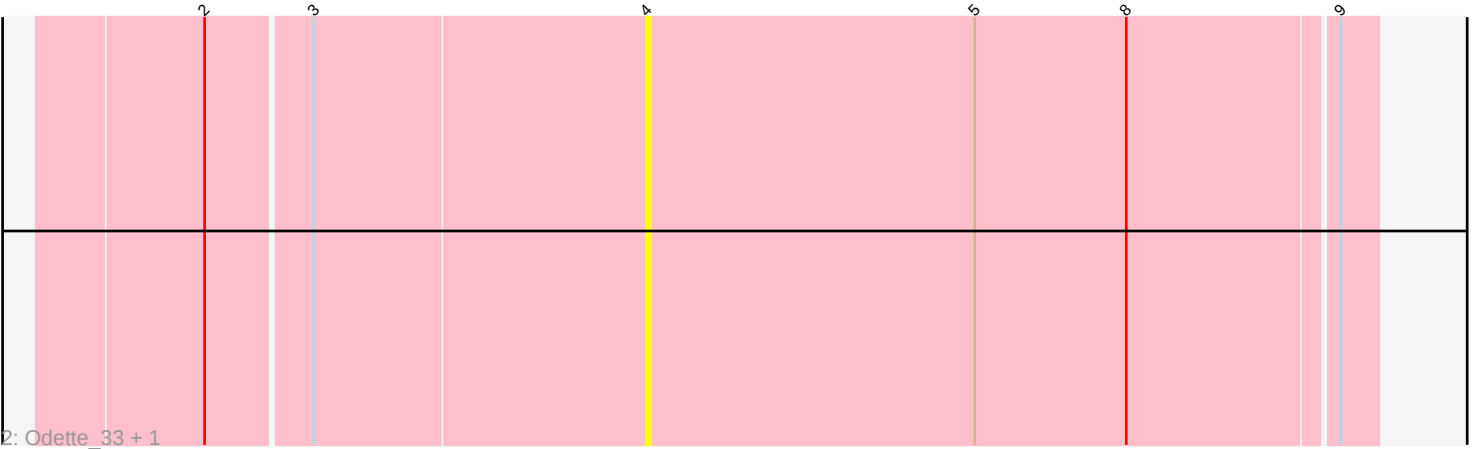
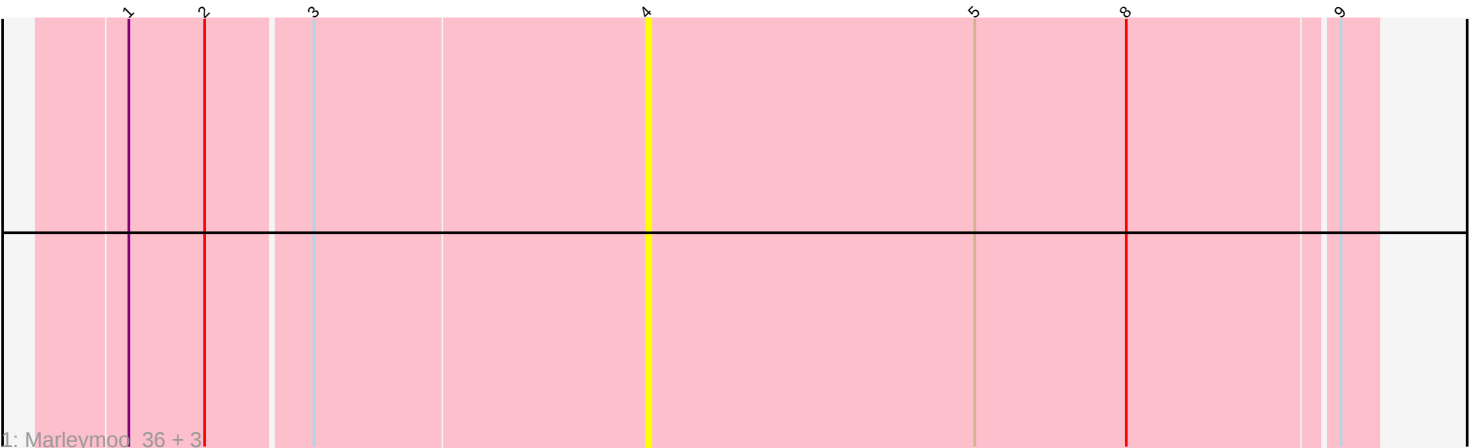




Note: Tracks are now grouped by subcluster and scaled. Switching in subcluster is indicated by changes in track color. Track scale is now set by default to display the region 30 bp upstream of start 1 to 30 bp downstream of the last possible start. If this default region is judged to be packed too tightly 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 309586 Report

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

Pham number 309586 has 12 members, 12 are drafts.

Phages represented in each track:

- Track 1 : Marleymoo_36, Xiaokay_30, Shaboozey_25, Gonephishing_29
- Track 2 : Odette_33, Bagrid_31
- Track 3 : BronnyJr_16, Chubbello_16, GaloreK_16, Polkaroo_16, PeanutPie_16, Vidya_16

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

This pham is comprised of all draft annotations. There are no annotations to summarize.

Summary by start number:

Start 4:

- Found in 12 of 12 (100.0%) of genes in pham
- No Manual Annotations of this start.
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Bagrid_31 (J), BronnyJr_16 (P1), Chubbello_16 (P1), GaloreK_16 (P1), Gonephishing_29 (J), Marleymoo_36 (J), Odette_33 (J), PeanutPie_16 (P1), Polkaroo_16 (P1), Shaboozey_25 (J), Vidya_16 (P1), Xiaokay_30 (J),

Summary by clusters:

There are 2 clusters represented in this pham: J, P1,

Gene Information:

Gene: Bagrid_31 Start: 19448, Stop: 19618, Start Num: 4

Candidate Starts for Bagrid_31:

(2, 19346), (3, 19370), (4, 19448), (5, 19526), (8, 19562), (9, 19610),

Gene: BronnyJr_16 Start: 10625, Stop: 10843, Start Num: 4

Candidate Starts for BronnyJr_16:

(4, 10625), (6, 10709), (7, 10712),

Gene: Chubbello_16 Start: 10640, Stop: 10858, Start Num: 4

Candidate Starts for Chubbello_16:

(4, 10640), (6, 10724), (7, 10727),

Gene: GaloreK_16 Start: 10640, Stop: 10858, Start Num: 4

Candidate Starts for GaloreK_16:

(4, 10640), (6, 10724), (7, 10727),

Gene: Gonephishing_29 Start: 18148, Stop: 18318, Start Num: 4

Candidate Starts for Gonephishing_29:

(1, 18028), (2, 18046), (3, 18070), (4, 18148), (5, 18226), (8, 18262), (9, 18310),

Gene: Marleymoo_36 Start: 22004, Stop: 22174, Start Num: 4

Candidate Starts for Marleymoo_36:

(1, 21884), (2, 21902), (3, 21926), (4, 22004), (5, 22082), (8, 22118), (9, 22166),

Gene: Odette_33 Start: 19556, Stop: 19726, Start Num: 4

Candidate Starts for Odette_33:

(2, 19454), (3, 19478), (4, 19556), (5, 19634), (8, 19670), (9, 19718),

Gene: PeanutPie_16 Start: 10648, Stop: 10866, Start Num: 4

Candidate Starts for PeanutPie_16:

(4, 10648), (6, 10732), (7, 10735),

Gene: Polkaroo_16 Start: 10657, Stop: 10875, Start Num: 4

Candidate Starts for Polkaroo_16:

(4, 10657), (6, 10741), (7, 10744),

Gene: Shaboozey_25 Start: 16205, Stop: 16375, Start Num: 4

Candidate Starts for Shaboozey_25:

(1, 16085), (2, 16103), (3, 16127), (4, 16205), (5, 16283), (8, 16319), (9, 16367),

Gene: Vidya_16 Start: 10641, Stop: 10859, Start Num: 4

Candidate Starts for Vidya_16:

(4, 10641), (6, 10725), (7, 10728),

Gene: Xiaokay_30 Start: 19600, Stop: 19770, Start Num: 4

Candidate Starts for Xiaokay_30:

(1, 19480), (2, 19498), (3, 19522), (4, 19600), (5, 19678), (8, 19714), (9, 19762),