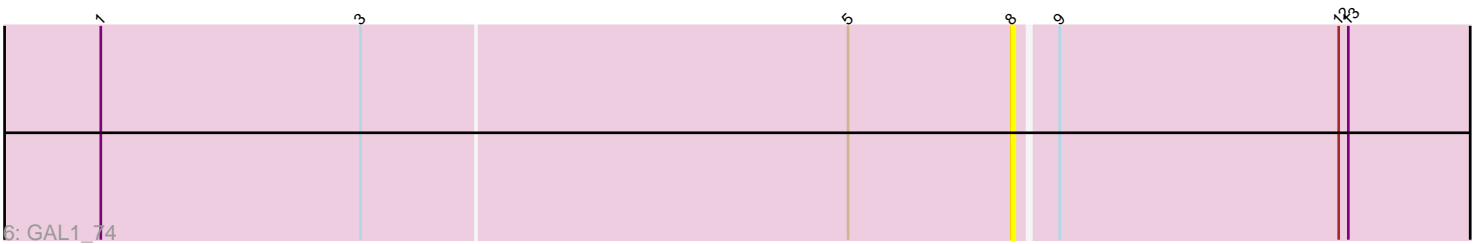
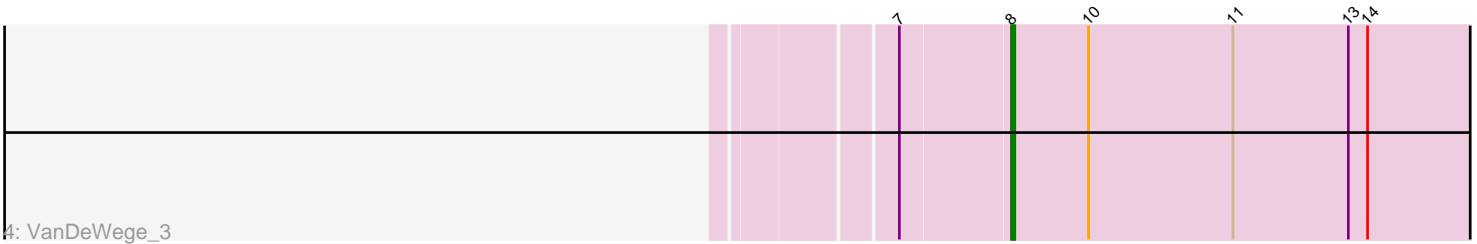
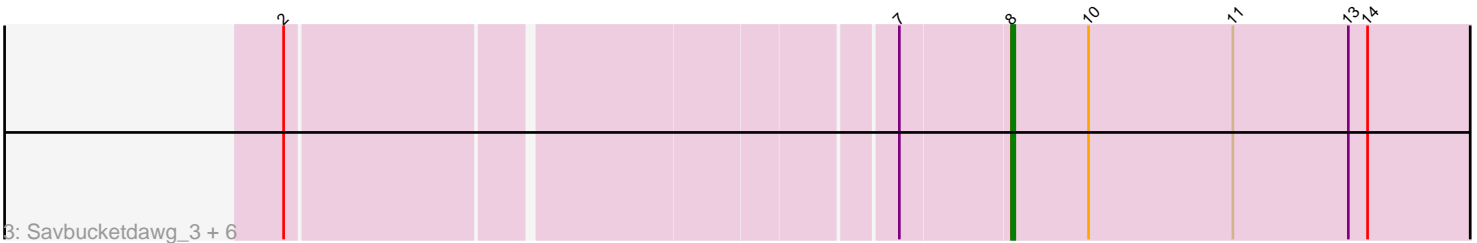
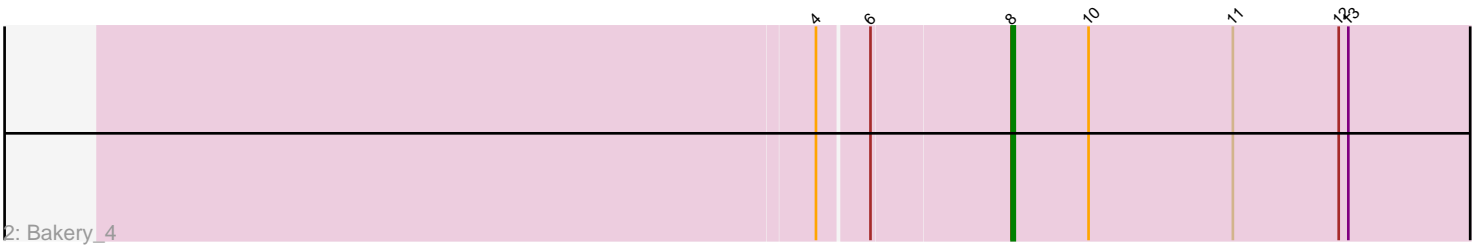


Pham 278787



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 278787 Report

This analysis was run 02/07/26 on database version 634.

Pham number 278787 has 12 members, 1 are drafts.

Phages represented in each track:

- Track 1 : BritBrat_95
- Track 2 : Bakery_4
- Track 3 : Savbucketdawg_3, SmokingBunny_3, Evamon_3, Togo_3, Jambalaya_3, TillyBobJoe_3, Salvador_3
- Track 4 : VanDeWege_3
- Track 5 : Squiddly_98
- Track 6 : GAL1_74

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

The start number called the most often in the published annotations is 8, it was called in 11 of the 11 non-draft genes in the pham.

Genes that call this "Most Annotated" start:

- Bakery_4, BritBrat_95, Evamon_3, GAL1_74, Jambalaya_3, Salvador_3, Savbucketdawg_3, SmokingBunny_3, Squiddly_98, TillyBobJoe_3, Togo_3, VanDeWege_3,

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 8:

- Found in 12 of 12 (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: Bakery_4 (DC1), BritBrat_95 (CY2), Evamon_3 (DC1), GAL1_74 (singleton), Jambalaya_3 (DC1), Salvador_3 (DC1), Savbucketdawg_3 (DC1), SmokingBunny_3 (DC1), Squiddly_98 (DN2), TillyBobJoe_3 (DC1), Togo_3 (DC1), VanDeWege_3 (DC1),

Summary by clusters:

There are 4 clusters represented in this pham: CY2, singleton, DN2, DC1,

Info for manual annotations of cluster CY2:

- Start number 8 was manually annotated 1 time for cluster CY2.

Info for manual annotations of cluster DC1:

- Start number 8 was manually annotated 9 times for cluster DC1.

Info for manual annotations of cluster DN2:

- Start number 8 was manually annotated 1 time for cluster DN2.

Gene Information:

Gene: Bakery_4 Start: 1228, Stop: 1449, Start Num: 8

Candidate Starts for Bakery_4:

(4, 1171), (6, 1186), (Start: 8 @1228 has 11 MA's), (10, 1252), (11, 1297), (12, 1330), (13, 1333),

Gene: BritBrat_95 Start: 53805, Stop: 54044, Start Num: 8

Candidate Starts for BritBrat_95:

(5, 53754), (Start: 8 @53805 has 11 MA's), (9, 53817), (12, 53904), (13, 53907),

Gene: Evamon_3 Start: 1069, Stop: 1299, Start Num: 8

Candidate Starts for Evamon_3:

(2, 859), (7, 1036), (Start: 8 @1069 has 11 MA's), (10, 1093), (11, 1138), (13, 1174), (14, 1180),

Gene: GAL1_74 Start: 45814, Stop: 46038, Start Num: 8

Candidate Starts for GAL1_74:

(1, 45532), (3, 45613), (5, 45763), (Start: 8 @45814 has 11 MA's), (9, 45826), (12, 45913), (13, 45916),

Gene: Jambalaya_3 Start: 1064, Stop: 1342, Start Num: 8

Candidate Starts for Jambalaya_3:

(2, 854), (7, 1031), (Start: 8 @1064 has 11 MA's), (10, 1088), (11, 1133), (13, 1169), (14, 1175),

Gene: Salvador_3 Start: 1067, Stop: 1297, Start Num: 8

Candidate Starts for Salvador_3:

(2, 857), (7, 1034), (Start: 8 @1067 has 11 MA's), (10, 1091), (11, 1136), (13, 1172), (14, 1178),

Gene: Savbucketdawg_3 Start: 1064, Stop: 1342, Start Num: 8

Candidate Starts for Savbucketdawg_3:

(2, 854), (7, 1031), (Start: 8 @1064 has 11 MA's), (10, 1088), (11, 1133), (13, 1169), (14, 1175),

Gene: SmokingBunny_3 Start: 1067, Stop: 1297, Start Num: 8

Candidate Starts for SmokingBunny_3:

(2, 857), (7, 1034), (Start: 8 @1067 has 11 MA's), (10, 1091), (11, 1136), (13, 1172), (14, 1178),

Gene: Squiddly_98 Start: 55196, Stop: 55402, Start Num: 8

Candidate Starts for Squiddly_98:

(5, 55145), (Start: 8 @55196 has 11 MA's), (9, 55208), (15, 55283),

Gene: TillyBobJoe_3 Start: 1067, Stop: 1345, Start Num: 8

Candidate Starts for TillyBobJoe_3:

(2, 857), (7, 1034), (Start: 8 @1067 has 11 MA's), (10, 1091), (11, 1136), (13, 1172), (14, 1178),

Gene: Togo_3 Start: 1067, Stop: 1297, Start Num: 8

Candidate Starts for Togo_3:

(2, 857), (7, 1034), (Start: 8 @1067 has 11 MA's), (10, 1091), (11, 1136), (13, 1172), (14, 1178),

Gene: VanDeWege_3 Start: 1076, Stop: 1354, Start Num: 8

Candidate Starts for VanDeWege_3:

(7, 1043), (Start: 8 @1076 has 11 MA's), (10, 1100), (11, 1145), (13, 1181), (14, 1187),