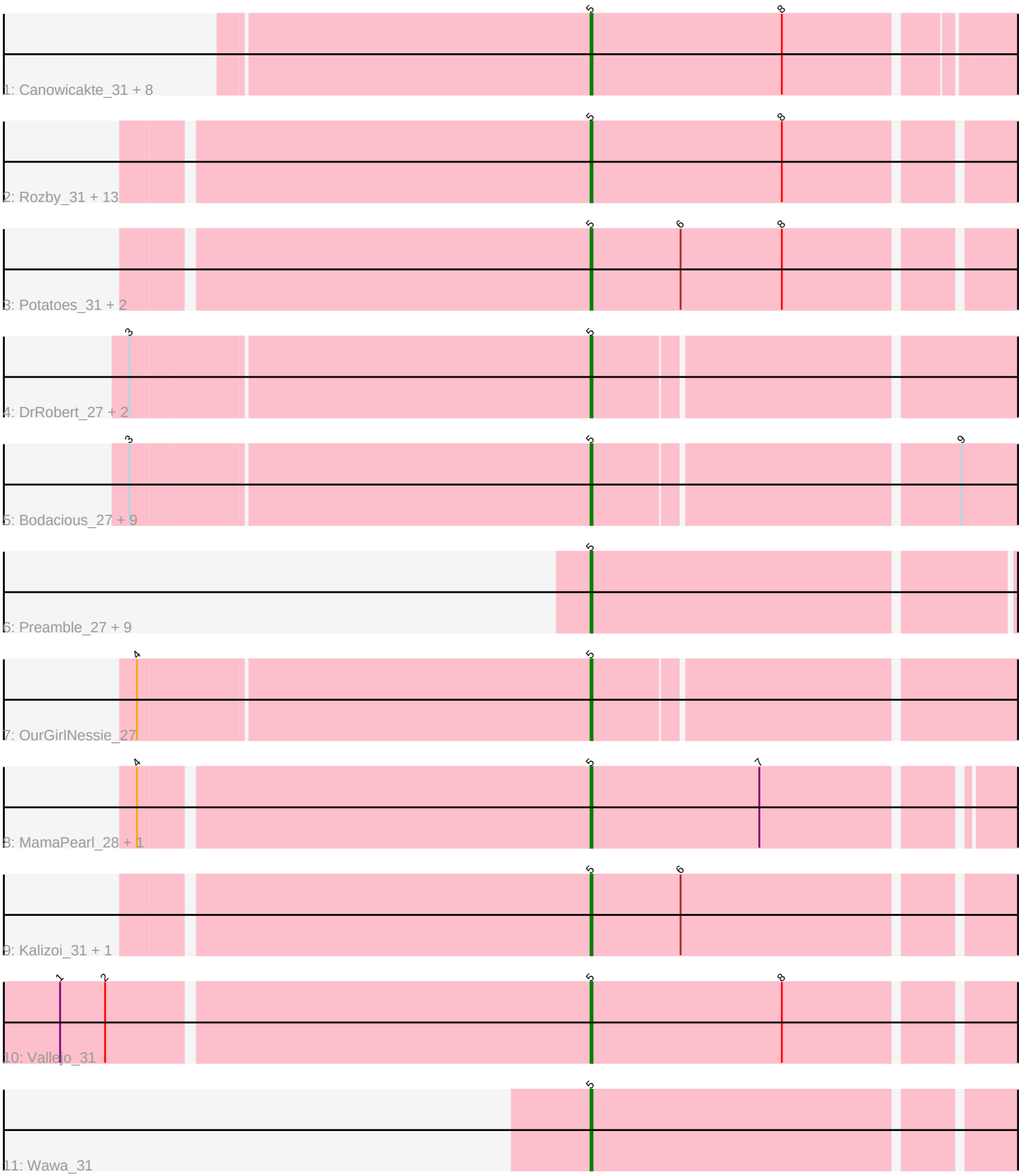
Pham 344058


5
8
1: Canowicakte_31 + 8
5
8
2: Rozby_31 + 13
5
6
8
3: Potatoes_31 + 2
3
5
4: DrRobert_27 + 2
3
5
9
5: Bodacious_27 + 9
5
6: Preamble_27 + 9
4
5
7: OurGirlNessie_27
4
5
7
8: MamaPearl_28 + 1
5
6
9: Kalizoi_31 + 1
1
2
5
8
10: Vallejo_31
5
11: Wawa_31

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 344058 Report

This analysis was run 11/14/26 on database version 672.

Pham number 344058 has 56 members, 2 are drafts.

Phages represented in each track:
• Track 1 : Canowicakte_31, Suppi_31, Wayne_31, PartyCup_31, Litotes_31, CallieOMalley_31, Graynor_34, AppleCider_31, MrBoss_33
• Track 2 : Rozby_31, Riverdale_31, MrGloopy_31, Beethoven_31, Carpal_31, Dino_31, TattModd_31, Fluke_31, Jumboset_31, Glenn_31, RAP15_31, Scuttle_31, Zorro_31, Savage2526_31
• Track 3 : Potatoes_31, Cholula_31, Immaculata_31
• Track 4 : DrRobert_27, Lucy_27, Makoto_27
• Track 5 : Bodacious_27, Lasagna_27, Nancia_27, LilStuart_27, Christian_27, Lennox_27, CristinaYang_27, ChewChew_27, Pterodactyl_27, PitaDog_27
• Track 6 : Preamble_27, DreamTeam_27, Kittykat_27, Gisselle_27, Huckleberry_27, BigMack_27, Bennie_27, HeadNerd_27, Moki_27, Urla_28
• Track 7 : OurGirlNessie_27
• Track 8 : MamaPearl_28, EstebanJulior_28
• Track 9 : Kalizoi_31, BrotherBLo_31
• Track 10 : Vallejo_31
• Track 11 : Wawa_31

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 54 of the 54 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• AppleCider_31, Beethoven_31, Bennie_27, BigMack_27, Bodacious_27, BrotherBLo_31, CallieOMalley_31, Canowicakte_31, Carpal_31, ChewChew_27, Cholula_31, Christian_27, CristinaYang_27, Dino_31, DrRobert_27, DreamTeam_27, EstebanJulior_28, Fluke_31, Gisselle_27, Glenn_31, Graynor_34, HeadNerd_27, Huckleberry_27, Immaculata_31, Jumboset_31, Kalizoi_31, Kittykat_27, Lasagna_27, Lennox_27, LilStuart_27, Litotes_31, Lucy_27, Makoto_27, MamaPearl_28, Moki_27, MrBoss_33, MrGloopy_31, Nancia_27, OurGirlNessie_27, PartyCup_31, PitaDog_27, Potatoes_31, Preamble_27, Pterodactyl_27, RAP15_31, Riverdale_31, Rozby_31, Savage2526_31, Scuttle_31, Suppi_31, TattModd_31, Urla_28, Vallejo_31, Wawa_31, Wayne_31, Zorro_31,

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 56 of 56 (100.0%) of genes in pham
• Manual Annotations of this start: 54 of 54
• Called 100.0% of time when present
• Phage (with cluster) where this start called: AppleCider_31 (AK), Beethoven_31 (AK), Bennie_27 (AK), BigMack_27 (AK), Bodacious_27 (AK), BrotherBLo_31 (AK), CallieOMalley_31 (AK), Canowicakte_31 (AK), Carpal_31 (AK), ChewChew_27 (AK), Cholula_31 (AK), Christian_27 (AK), CristinaYang_27 (AK), Dino_31 (AK), DrRobert_27 (AK), DreamTeam_27 (AK), EstebanJulior_28 (AK), Fluke_31 (AK), Gisselle_27 (AK), Glenn_31 (AK), Graynor_34 (AK), HeadNerd_27 (AK), Huckleberry_27 (AK), Immaculata_31 (AK), Jumboset_31 (AK), Kalizoi_31 (AK), Kittykat_27 (AK), Lasagna_27 (AK), Lennox_27 (AK), LilStuart_27 (AK), Litotes_31 (AK), Lucy_27 (AK), Makoto_27 (AK), MamaPearl_28 (AK), Moki_27 (AK), MrBoss_33 (AK), MrGloopy_31 (AK), Nancia_27 (AK), OurGirlNessie_27 (AK), PartyCup_31 (AK), PitaDog_27 (AK), Potatoes_31 (AK), Preamble_27 (AK), Pterodactyl_27 (AK), RAP15_31 (AK), Riverdale_31 (AK), Rozby_31 (AK), Savage2526_31 (AK), Scuttle_31 (AK), Suppi_31 (AK), TattModd_31 (AK), Urla_28 (AK), Vallejo_31 (AK), Wawa_31 (AK), Wayne_31 (AK), Zorro_31 (AK),

Summary by clusters:

There is one cluster represented in this pham: AK

Info for manual annotations of cluster AK:
•Start number 5 was manually annotated 54 times for cluster AK.

Gene Information:

Gene: AppleCider_31 Start: 23828, Stop: 24055, Start Num: 5
Candidate Starts for AppleCider_31:
(Start: 5 @23828 has 54 MA's), (8, 23930),

Gene: Beethoven_31 Start: 23839, Stop: 24072, Start Num: 5
Candidate Starts for Beethoven_31:
(Start: 5 @23839 has 54 MA's), (8, 23941),

Gene: Bennie_27 Start: 22254, Stop: 22493, Start Num: 5
Candidate Starts for Bennie_27:
(Start: 5 @22254 has 54 MA's),

Gene: BigMack_27 Start: 22299, Stop: 22529, Start Num: 5
Candidate Starts for BigMack_27:
(Start: 5 @22299 has 54 MA's),

Gene: Bodacious_27 Start: 22315, Stop: 22542, Start Num: 5
Candidate Starts for Bodacious_27:
(3, 22075), (Start: 5 @22315 has 54 MA's), (9, 22501),

Gene: BrotherBLo_31 Start: 23845, Stop: 24078, Start Num: 5
Candidate Starts for BrotherBLo_31:
(Start: 5 @23845 has 54 MA's), (6, 23893),

Gene: CallieOMalley_31 Start: 23828, Stop: 24055, Start Num: 5
Candidate Starts for CallieOMalley_31:
(Start: 5 @23828 has 54 MA's), (8, 23930),

Gene: Canowicakte_31 Start: 23863, Stop: 24090, Start Num: 5
Candidate Starts for Canowicakte_31:
(Start: 5 @23863 has 54 MA's), (8, 23965),

Gene: Carpal_31 Start: 23846, Stop: 24079, Start Num: 5
Candidate Starts for Carpal_31:
(Start: 5 @23846 has 54 MA's), (8, 23948),

Gene: ChewChew_27 Start: 22310, Stop: 22537, Start Num: 5
Candidate Starts for ChewChew_27:
(3, 22070), (Start: 5 @22310 has 54 MA's), (9, 22496),

Gene: Cholula_31 Start: 23892, Stop: 24125, Start Num: 5
Candidate Starts for Cholula_31:
(Start: 5 @23892 has 54 MA's), (6, 23940), (8, 23994),

Gene: Christian_27 Start: 22311, Stop: 22538, Start Num: 5
Candidate Starts for Christian_27:
(3, 22071), (Start: 5 @22311 has 54 MA's), (9, 22497),

Gene: CristinaYang_27 Start: 22315, Stop: 22542, Start Num: 5
Candidate Starts for CristinaYang_27:
(3, 22075), (Start: 5 @22315 has 54 MA's), (9, 22501),

Gene: Dino_31 Start: 23844, Stop: 24077, Start Num: 5
Candidate Starts for Dino_31:
(Start: 5 @23844 has 54 MA's), (8, 23946),

Gene: DrRobert_27 Start: 22311, Stop: 22538, Start Num: 5
Candidate Starts for DrRobert_27:
(3, 22071), (Start: 5 @22311 has 54 MA's),

Gene: DreamTeam_27 Start: 22357, Stop: 22593, Start Num: 5
Candidate Starts for DreamTeam_27:
(Start: 5 @22357 has 54 MA's),

Gene: EstebanJulior_28 Start: 23485, Stop: 23709, Start Num: 5
Candidate Starts for EstebanJulior_28:
(4, 23251), (Start: 5 @23485 has 54 MA's), (7, 23575),

Gene: Fluke_31 Start: 23887, Stop: 24120, Start Num: 5
Candidate Starts for Fluke_31:
(Start: 5 @23887 has 54 MA's), (8, 23989),

Gene: Gisselle_27 Start: 22357, Stop: 22593, Start Num: 5
Candidate Starts for Gisselle_27:
(Start: 5 @22357 has 54 MA's),

Gene: Glenn_31 Start: 23896, Stop: 24129, Start Num: 5
Candidate Starts for Glenn_31:
(Start: 5 @23896 has 54 MA's), (8, 23998),

Gene: Graynor_34 Start: 23849, Stop: 24076, Start Num: 5
Candidate Starts for Graynor_34:
(Start: 5 @23849 has 54 MA's), (8, 23951),

Gene: HeadNerd_27 Start: 22254, Stop: 22493, Start Num: 5
Candidate Starts for HeadNerd_27:
(Start: 5 @22254 has 54 MA's),

Gene: Huckleberry_27 Start: 22254, Stop: 22493, Start Num: 5
Candidate Starts for Huckleberry_27:
(Start: 5 @22254 has 54 MA's),

Gene: Immaculata_31 Start: 23891, Stop: 24124, Start Num: 5
Candidate Starts for Immaculata_31:
(Start: 5 @23891 has 54 MA's), (6, 23939), (8, 23993),

Gene: Jumboset_31 Start: 23839, Stop: 24072, Start Num: 5
Candidate Starts for Jumboset_31:
(Start: 5 @23839 has 54 MA's), (8, 23941),

Gene: Kalizoi_31 Start: 23838, Stop: 24071, Start Num: 5
Candidate Starts for Kalizoi_31:
(Start: 5 @23838 has 54 MA's), (6, 23886),

Gene: Kittykat_27 Start: 22342, Stop: 22575, Start Num: 5
Candidate Starts for Kittykat_27:
(Start: 5 @22342 has 54 MA's),

Gene: Lasagna_27 Start: 22311, Stop: 22538, Start Num: 5
Candidate Starts for Lasagna_27:
(3, 22071), (Start: 5 @22311 has 54 MA's), (9, 22497),

Gene: Lennox_27 Start: 22299, Stop: 22526, Start Num: 5
Candidate Starts for Lennox_27:
(3, 22059), (Start: 5 @22299 has 54 MA's), (9, 22485),

Gene: LilStuart_27 Start: 22303, Stop: 22530, Start Num: 5
Candidate Starts for LilStuart_27:
(3, 22063), (Start: 5 @22303 has 54 MA's), (9, 22489),

Gene: Litotes_31 Start: 23813, Stop: 24040, Start Num: 5

Candidate Starts for Litotes_31:
(Start: 5 @23813 has 54 MA's), (8, 23915),

Gene: Lucy_27 Start: 22291, Stop: 22518, Start Num: 5
Candidate Starts for Lucy_27:
(3, 22051), (Start: 5 @22291 has 54 MA's),

Gene: Makoto_27 Start: 22311, Stop: 22538, Start Num: 5
Candidate Starts for Makoto_27:
(3, 22071), (Start: 5 @22311 has 54 MA's),

Gene: MamaPearl_28 Start: 23485, Stop: 23709, Start Num: 5
Candidate Starts for MamaPearl_28:
(4, 23251), (Start: 5 @23485 has 54 MA's), (7, 23575),

Gene: Moki_27 Start: 22254, Stop: 22493, Start Num: 5
Candidate Starts for Moki_27:
(Start: 5 @22254 has 54 MA's),

Gene: MrBoss_33 Start: 23813, Stop: 24040, Start Num: 5
Candidate Starts for MrBoss_33:
(Start: 5 @23813 has 54 MA's), (8, 23915),

Gene: MrGloopy_31 Start: 23830, Stop: 24063, Start Num: 5
Candidate Starts for MrGloopy_31:
(Start: 5 @23830 has 54 MA's), (8, 23932),

Gene: Nancia_27 Start: 22315, Stop: 22542, Start Num: 5
Candidate Starts for Nancia_27:
(3, 22075), (Start: 5 @22315 has 54 MA's), (9, 22501),

Gene: OurGirlNessie_27 Start: 22292, Stop: 22519, Start Num: 5
Candidate Starts for OurGirlNessie_27:
(4, 22055), (Start: 5 @22292 has 54 MA's),

Gene: PartyCup_31 Start: 23860, Stop: 24087, Start Num: 5
Candidate Starts for PartyCup_31:
(Start: 5 @23860 has 54 MA's), (8, 23962),

Gene: PitaDog_27 Start: 22302, Stop: 22529, Start Num: 5
Candidate Starts for PitaDog_27:
(3, 22062), (Start: 5 @22302 has 54 MA's), (9, 22488),

Gene: Potatoes_31 Start: 23892, Stop: 24125, Start Num: 5
Candidate Starts for Potatoes_31:
(Start: 5 @23892 has 54 MA's), (6, 23940), (8, 23994),

Gene: Preamble_27 Start: 22319, Stop: 22549, Start Num: 5
Candidate Starts for Preamble_27:
(Start: 5 @22319 has 54 MA's),

Gene: Pterodactyl_27 Start: 22293, Stop: 22520, Start Num: 5
Candidate Starts for Pterodactyl_27:

(3, 22053), (Start: 5 @22293 has 54 MA's), (9, 22479),

Gene: RAP15_31 Start: 23896, Stop: 24129, Start Num: 5
Candidate Starts for RAP15_31:
(Start: 5 @23896 has 54 MA's), (8, 23998),

Gene: Riverdale_31 Start: 23826, Stop: 24059, Start Num: 5
Candidate Starts for Riverdale_31:
(Start: 5 @23826 has 54 MA's), (8, 23928),

Gene: Rozby_31 Start: 23827, Stop: 24060, Start Num: 5
Candidate Starts for Rozby_31:
(Start: 5 @23827 has 54 MA's), (8, 23929),

Gene: Savage2526_31 Start: 23890, Stop: 24123, Start Num: 5
Candidate Starts for Savage2526_31:
(Start: 5 @23890 has 54 MA's), (8, 23992),

Gene: Scuttle_31 Start: 23895, Stop: 24128, Start Num: 5
Candidate Starts for Scuttle_31:
(Start: 5 @23895 has 54 MA's), (8, 23997),

Gene: Suppi_31 Start: 23863, Stop: 24090, Start Num: 5
Candidate Starts for Suppi_31:
(Start: 5 @23863 has 54 MA's), (8, 23965),

Gene: TattModd_31 Start: 23889, Stop: 24122, Start Num: 5
Candidate Starts for TattModd_31:
(Start: 5 @23889 has 54 MA's), (8, 23991),

Gene: Urla_28 Start: 23481, Stop: 23732, Start Num: 5
Candidate Starts for Urla_28:
(Start: 5 @23481 has 54 MA's),

Gene: Vallejo_31 Start: 23829, Stop: 24062, Start Num: 5
Candidate Starts for Vallejo_31:
(1, 23553), (2, 23577), (Start: 5 @23829 has 54 MA's), (8, 23931),

Gene: Wawa_31 Start: 23865, Stop: 24098, Start Num: 5
Candidate Starts for Wawa_31:
(Start: 5 @23865 has 54 MA's),

Gene: Wayne_31 Start: 23909, Stop: 24136, Start Num: 5
Candidate Starts for Wayne_31:
(Start: 5 @23909 has 54 MA's), (8, 24011),

Gene: Zorro_31 Start: 23844, Stop: 24077, Start Num: 5
Candidate Starts for Zorro_31:
(Start: 5 @23844 has 54 MA's), (8, 23946),