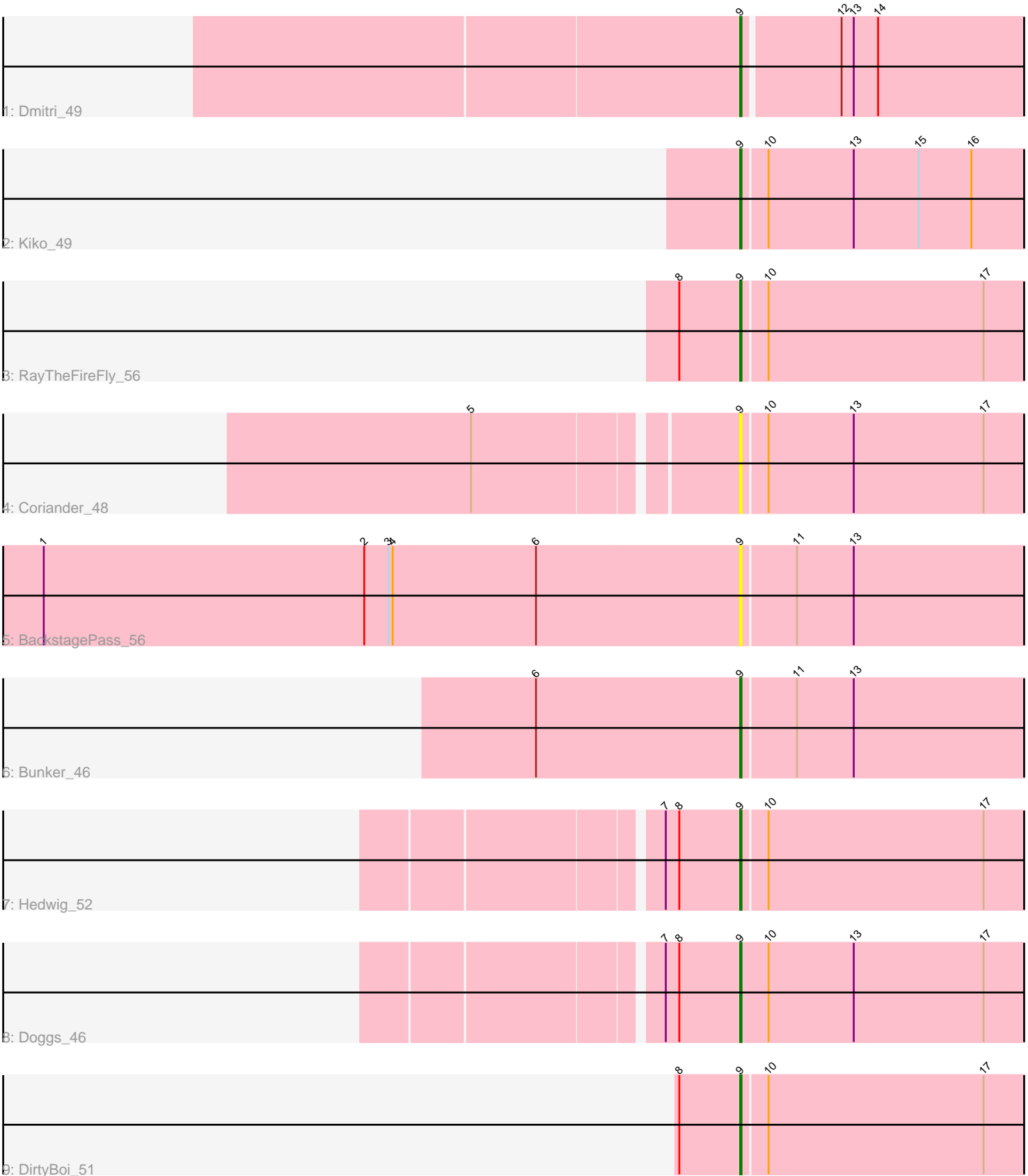


Pham 106982



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 106982 Report

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

Pham number 106982 has 9 members, 2 are drafts.

Phages represented in each track:

- Track 1 : Dmitri_49
- Track 2 : Kiko_49
- Track 3 : RayTheFireFly_56
- Track 4 : Coriander_48
- Track 5 : BackstagePass_56
- Track 6 : Bunker_46
- Track 7 : Hedwig_52
- Track 8 : Doggs_46
- Track 9 : DirtyBoi_51

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

The start number called the most often in the published annotations is 9, it was called in 7 of the 7 non-draft genes in the pham.

Genes that call this "Most Annotated" start:

- BackstagePass_56, Bunker_46, Coriander_48, DirtyBoi_51, Dmitri_49, Doggs_46, Hedwig_52, Kiko_49, RayTheFireFly_56,

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 9:

- Found in 9 of 9 (100.0%) of genes in pham
- Manual Annotations of this start: 7 of 7
- Called 100.0% of time when present
- Phage (with cluster) where this start called: BackstagePass_56 (DB), Bunker_46 (DB), Coriander_48 (DB), DirtyBoi_51 (DB), Dmitri_49 (DB), Doggs_46 (DB), Hedwig_52 (DB), Kiko_49 (DB), RayTheFireFly_56 (DB),

Summary by clusters:

There is one cluster represented in this pham: DB

Info for manual annotations of cluster DB:

- Start number 9 was manually annotated 7 times for cluster DB.

Gene Information:

Gene: BackstagePass_56 Start: 35751, Stop: 35996, Start Num: 9

Candidate Starts for BackstagePass_56:

(1, 35238), (2, 35475), (3, 35493), (4, 35496), (6, 35601), (Start: 9 @35751 has 7 MA's), (11, 35790), (13, 35832),

Gene: Bunker_46 Start: 34695, Stop: 34940, Start Num: 9

Candidate Starts for Bunker_46:

(6, 34545), (Start: 9 @34695 has 7 MA's), (11, 34734), (13, 34776),

Gene: Coriander_48 Start: 34533, Stop: 34793, Start Num: 9

Candidate Starts for Coriander_48:

(5, 34353), (Start: 9 @34533 has 7 MA's), (10, 34551), (13, 34614), (17, 34710),

Gene: DirtyBoi_51 Start: 34708, Stop: 34959, Start Num: 9

Candidate Starts for DirtyBoi_51:

(8, 34663), (Start: 9 @34708 has 7 MA's), (10, 34726), (17, 34885),

Gene: Dmitri_49 Start: 36172, Stop: 36420, Start Num: 9

Candidate Starts for Dmitri_49:

(Start: 9 @36172 has 7 MA's), (12, 36241), (13, 36250), (14, 36268),

Gene: Doggs_46 Start: 35398, Stop: 35661, Start Num: 9

Candidate Starts for Doggs_46:

(7, 35344), (8, 35353), (Start: 9 @35398 has 7 MA's), (10, 35419), (13, 35482), (17, 35578),

Gene: Hedwig_52 Start: 35129, Stop: 35389, Start Num: 9

Candidate Starts for Hedwig_52:

(7, 35075), (8, 35084), (Start: 9 @35129 has 7 MA's), (10, 35147), (17, 35306),

Gene: Kiko_49 Start: 35026, Stop: 35271, Start Num: 9

Candidate Starts for Kiko_49:

(Start: 9 @35026 has 7 MA's), (10, 35044), (13, 35107), (15, 35155), (16, 35194),

Gene: RayTheFireFly_56 Start: 36308, Stop: 36568, Start Num: 9

Candidate Starts for RayTheFireFly_56:

(8, 36263), (Start: 9 @36308 has 7 MA's), (10, 36326), (17, 36485),