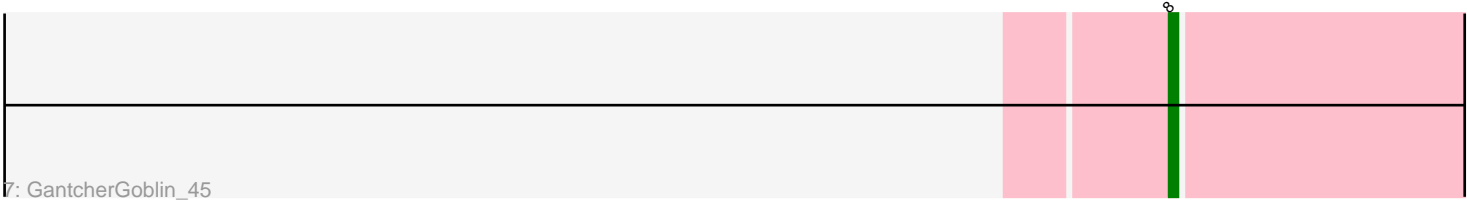
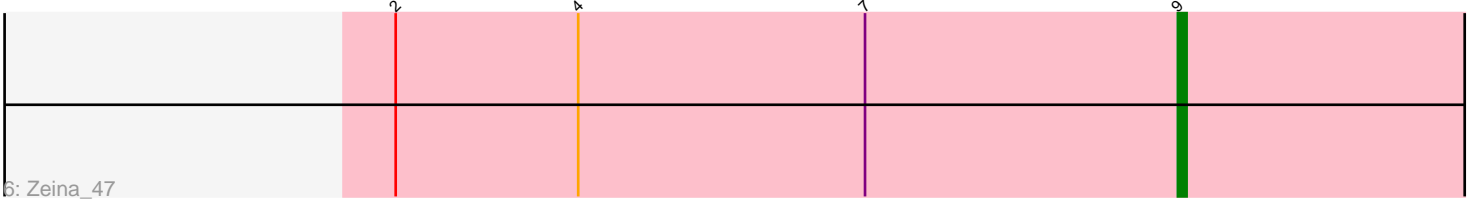
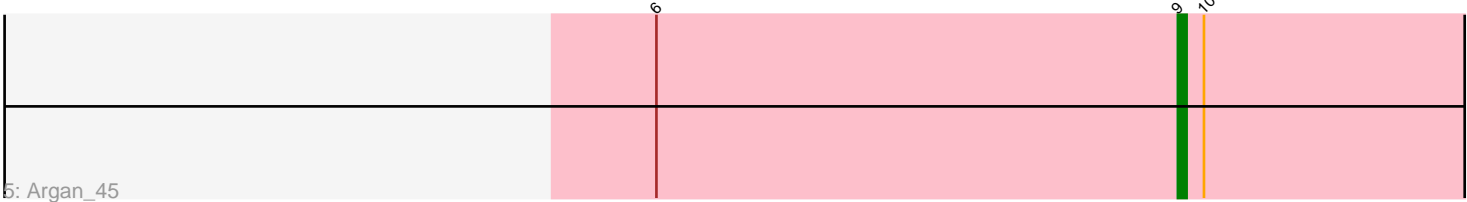
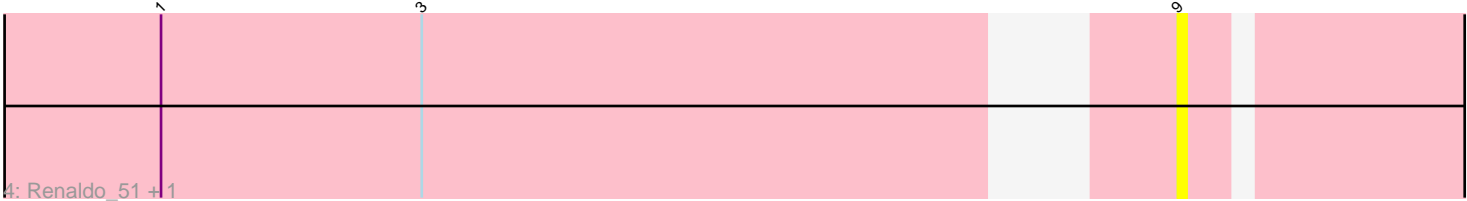
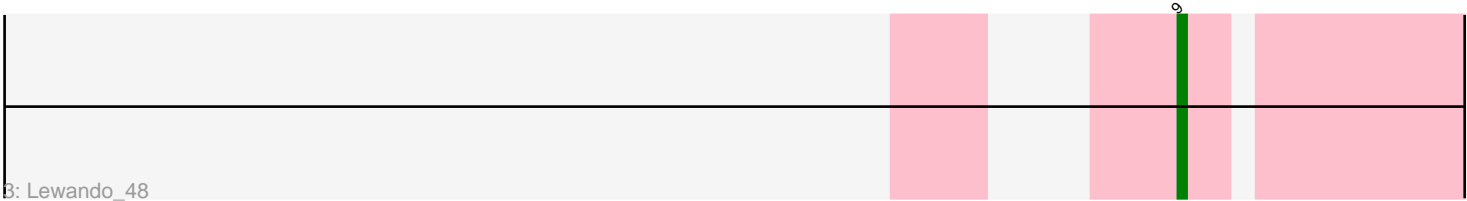
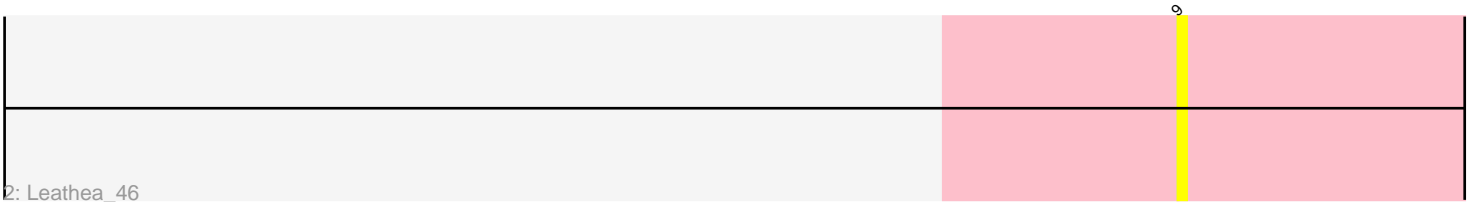


Pham 11751



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 11751 Report

This analysis was run 04/05/24 on database version 557.

Pham number 11751 has 8 members, 3 are drafts.

Phages represented in each track:

- Track 1 : Uzumaki_44
- Track 2 : Leathea_46
- Track 3 : Lewando_48
- Track 4 : Renaldo_51, BarbieDoll_50
- Track 5 : Argan_45
- Track 6 : Zeina_47
- Track 7 : GantcherGoblin_45

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 4 of the 5 non-draft genes in the pham.

Genes that call this "Most Annotated" start:

- Argan_45, BarbieDoll_50, Leathea_46, Lewando_48, Renaldo_51, Uzumaki_44, Zeina_47,

Genes that have the "Most Annotated" start but do not call it:

-

Genes that do not have the "Most Annotated" start:

- GantcherGoblin_45,

Summary by start number:

Start 8:

- Found in 1 of 8 (12.5%) of genes in pham
- Manual Annotations of this start: 1 of 5
- Called 100.0% of time when present
- Phage (with cluster) where this start called: GantcherGoblin_45 (AU6),

Start 9:

- Found in 7 of 8 (87.5%) of genes in pham
- Manual Annotations of this start: 4 of 5

- Called 100.0% of time when present
- Phage (with cluster) where this start called: Argan_45 (AU6), BarbieDoll_50 (AU6), Leathea_46 (AU6), Lewando_48 (AU6), Renaldo_51 (AU6), Uzumaki_44 (AU6), Zeina_47 (AU6),

Summary by clusters:

There is one cluster represented in this pham: AU6

Info for manual annotations of cluster AU6:

- Start number 8 was manually annotated 1 time for cluster AU6.
- Start number 9 was manually annotated 4 times for cluster AU6.

Gene Information:

Gene: Argan_45 Start: 31879, Stop: 32001, Start Num: 9

Candidate Starts for Argan_45:

(6, 31819), (Start: 9 @31879 has 4 MA's), (10, 31882),

Gene: BarbieDoll_50 Start: 33570, Stop: 33689, Start Num: 9

Candidate Starts for BarbieDoll_50:

(1, 33465), (3, 33495), (Start: 9 @33570 has 4 MA's),

Gene: GantcherGoblin_45 Start: 32078, Stop: 32200, Start Num: 8

Candidate Starts for GantcherGoblin_45:

(Start: 8 @32078 has 1 MA's),

Gene: Leathea_46 Start: 31744, Stop: 31866, Start Num: 9

Candidate Starts for Leathea_46:

(Start: 9 @31744 has 4 MA's),

Gene: Lewando_48 Start: 33356, Stop: 33475, Start Num: 9

Candidate Starts for Lewando_48:

(Start: 9 @33356 has 4 MA's),

Gene: Renaldo_51 Start: 33665, Stop: 33784, Start Num: 9

Candidate Starts for Renaldo_51:

(1, 33560), (3, 33590), (Start: 9 @33665 has 4 MA's),

Gene: Uzumaki_44 Start: 32072, Stop: 32194, Start Num: 9

Candidate Starts for Uzumaki_44:

(2, 31982), (5, 32006), (7, 32036), (Start: 9 @32072 has 4 MA's),

Gene: Zeina_47 Start: 32391, Stop: 32513, Start Num: 9

Candidate Starts for Zeina_47:

(2, 32301), (4, 32322), (7, 32355), (Start: 9 @32391 has 4 MA's),