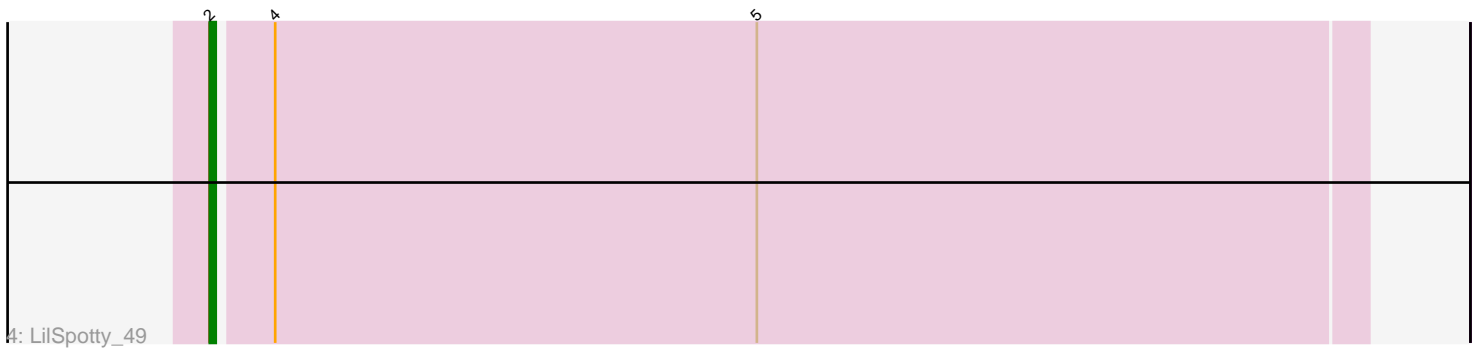
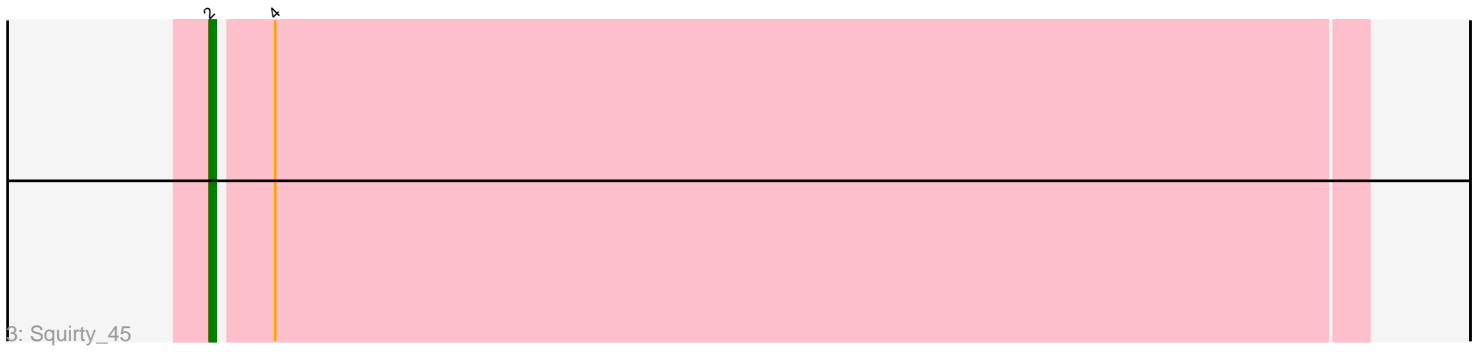
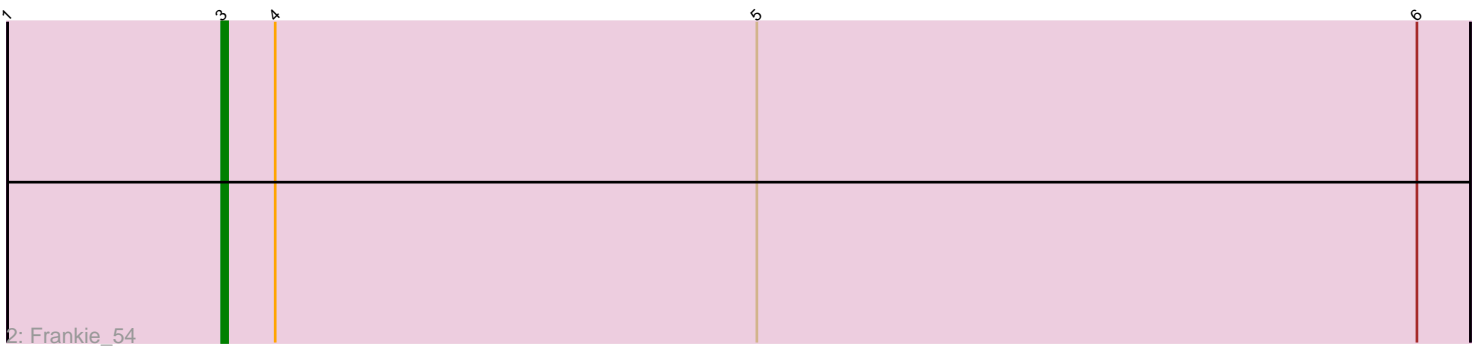
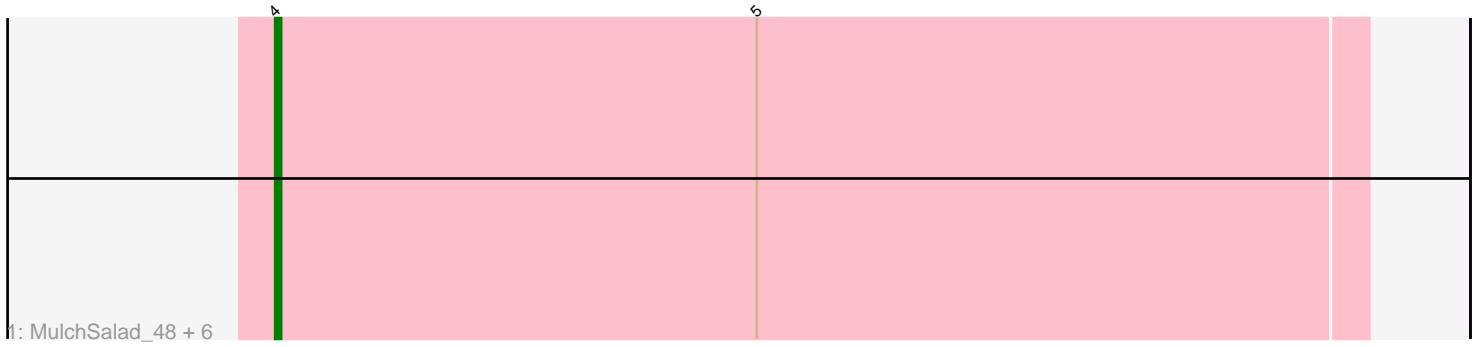


Pham 6916



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 6916 Report

This analysis was run 07/09/24 on database version 566.

Pham number 6916 has 10 members, 3 are drafts.

Phages represented in each track:

- Track 1 : MulchSalad_48, TootsiePop_47, Misha28_47, ChickenDinner_50, Piper2020_49, Awesomesauce_49, DocMcStuffins_47
- Track 2 : Frankie_54
- Track 3 : Squirty_45
- Track 4 : LilSpotty_49

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

The start number called the most often in the published annotations is 4, it was called in 4 of the 7 non-draft genes in the pham.

Genes that call this "Most Annotated" start:

- Awesomesauce_49, ChickenDinner_50, DocMcStuffins_47, Misha28_47, MulchSalad_48, Piper2020_49, TootsiePop_47,

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

- Frankie_54, LilSpotty_49, Squirty_45,

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

-

Summary by start number:

Start 2:

- Found in 2 of 10 (20.0%) of genes in pham
- Manual Annotations of this start: 2 of 7
- Called 100.0% of time when present
- Phage (with cluster) where this start called: LilSpotty_49 (singleton), Squirty_45 (F3),

Start 3:

- Found in 1 of 10 (10.0%) of genes in pham
- Manual Annotations of this start: 1 of 7
- Called 100.0% of time when present

- Phage (with cluster) where this start called: Frankie_54 (F1),

Start 4:

- Found in 10 of 10 (100.0%) of genes in pham
- Manual Annotations of this start: 4 of 7
- Called 70.0% of time when present
- Phage (with cluster) where this start called: Awesomesauce_49 (F1), ChickenDinner_50 (F1), DocMcStuffins_47 (F1), Misha28_47 (F1), MulchSalad_48 (F), Piper2020_49 (F1), TootsiePop_47 (F1),

Summary by clusters:

There are 4 clusters represented in this pham: F1, singleton, F3, F,

Info for manual annotations of cluster F1:

- Start number 3 was manually annotated 1 time for cluster F1.
- Start number 4 was manually annotated 4 times for cluster F1.

Info for manual annotations of cluster F3:

- Start number 2 was manually annotated 1 time for cluster F3.

Gene Information:

Gene: Awesomesauce_49 Start: 35195, Stop: 35377, Start Num: 4

Candidate Starts for Awesomesauce_49:

(Start: 4 @35195 has 4 MA's), (5, 35276),

Gene: ChickenDinner_50 Start: 35933, Stop: 36115, Start Num: 4

Candidate Starts for ChickenDinner_50:

(Start: 4 @35933 has 4 MA's), (5, 36014),

Gene: DocMcStuffins_47 Start: 35933, Stop: 36115, Start Num: 4

Candidate Starts for DocMcStuffins_47:

(Start: 4 @35933 has 4 MA's), (5, 36014),

Gene: Frankie_54 Start: 37971, Stop: 38180, Start Num: 3

Candidate Starts for Frankie_54:

(1, 37935), (Start: 3 @37971 has 1 MA's), (Start: 4 @37980 has 4 MA's), (5, 38061), (6, 38172),

Gene: LilSpotty_49 Start: 34418, Stop: 34609, Start Num: 2

Candidate Starts for LilSpotty_49:

(Start: 2 @34418 has 2 MA's), (Start: 4 @34427 has 4 MA's), (5, 34508),

Gene: Misha28_47 Start: 35200, Stop: 35382, Start Num: 4

Candidate Starts for Misha28_47:

(Start: 4 @35200 has 4 MA's), (5, 35281),

Gene: MulchSalad_48 Start: 33774, Stop: 33956, Start Num: 4

Candidate Starts for MulchSalad_48:

(Start: 4 @33774 has 4 MA's), (5, 33855),

Gene: Piper2020_49 Start: 35916, Stop: 36098, Start Num: 4
Candidate Starts for Piper2020_49:
(Start: 4 @35916 has 4 MA's), (5, 35997),

Gene: Squirty_45 Start: 34075, Stop: 34266, Start Num: 2
Candidate Starts for Squirty_45:
(Start: 2 @34075 has 2 MA's), (Start: 4 @34084 has 4 MA's),

Gene: TootsiePop_47 Start: 35200, Stop: 35382, Start Num: 4
Candidate Starts for TootsiePop_47:
(Start: 4 @35200 has 4 MA's), (5, 35281),