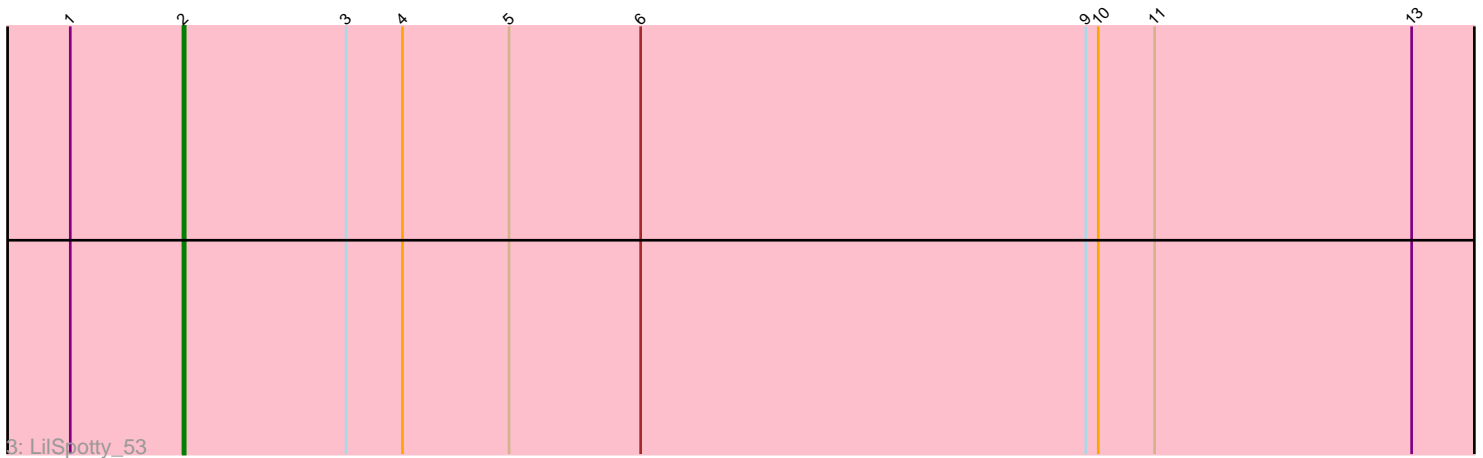
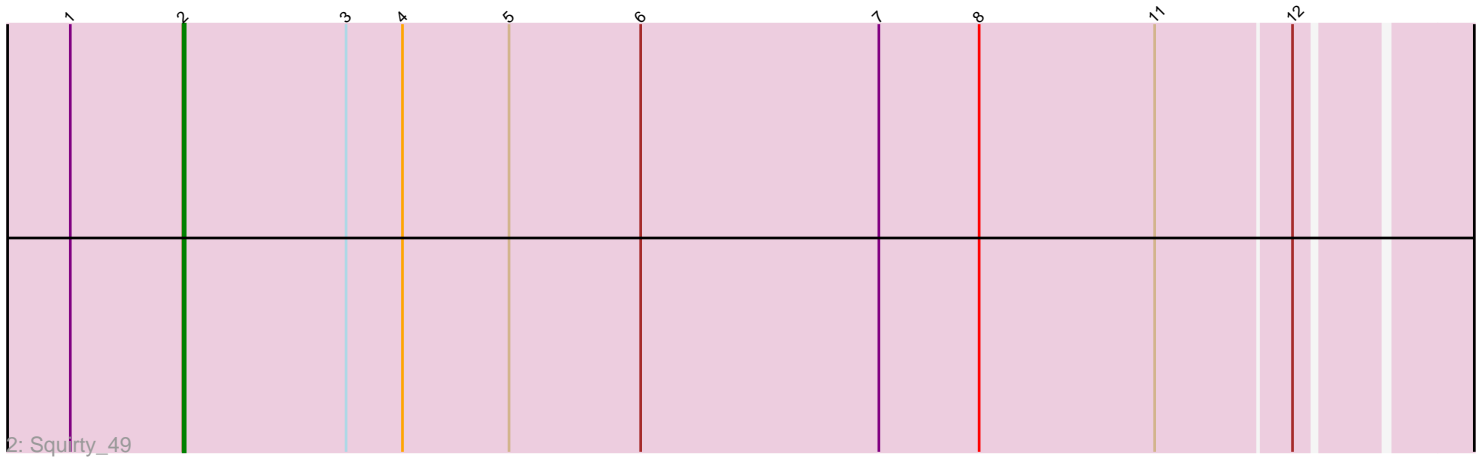
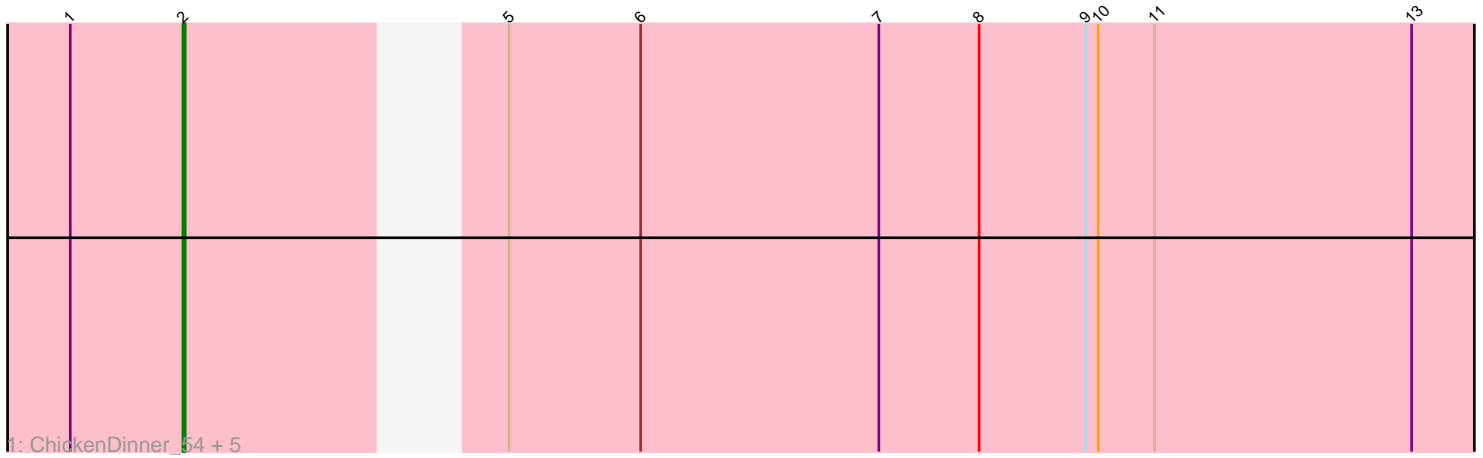


Pham 7384



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 7384 Report

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

Pham number 7384 has 8 members, 2 are drafts.

Phages represented in each track:

- Track 1 : ChickenDinner_54, Misha28_51, Piper2020_53, TootsiePop_51, Awesomesauce_53, DocMcStuffins_51
- Track 2 : Squirty_49
- Track 3 : LilSpotty_53

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

The start number called the most often in the published annotations is 2, it was called in 6 of the 6 non-draft genes in the pham.

Genes that call this "Most Annotated" start:

- Awesomesauce_53, ChickenDinner_54, DocMcStuffins_51, LilSpotty_53, Misha28_51, Piper2020_53, Squirty_49, TootsiePop_51,

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 2:

- Found in 8 of 8 (100.0%) of genes in pham
- Manual Annotations of this start: 6 of 6
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Awesomesauce_53 (F1), ChickenDinner_54 (F1), DocMcStuffins_51 (F1), LilSpotty_53 (singleton), Misha28_51 (F1), Piper2020_53 (F1), Squirty_49 (F3), TootsiePop_51 (F1),

Summary by clusters:

There are 3 clusters represented in this pham: F1, singleton, F3,

Info for manual annotations of cluster F1:

- Start number 2 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_53 Start: 36292, Stop: 36933, Start Num: 2

Candidate Starts for Awesomesauce_53:

(1, 36238), (Start: 2 @36292 has 6 MA's), (5, 36406), (6, 36469), (7, 36583), (8, 36631), (9, 36682), (10, 36688), (11, 36715), (13, 36838),

Gene: ChickenDinner_54 Start: 37030, Stop: 37671, Start Num: 2

Candidate Starts for ChickenDinner_54:

(1, 36976), (Start: 2 @37030 has 6 MA's), (5, 37144), (6, 37207), (7, 37321), (8, 37369), (9, 37420), (10, 37426), (11, 37453), (13, 37576),

Gene: DocMcStuffins_51 Start: 37030, Stop: 37671, Start Num: 2

Candidate Starts for DocMcStuffins_51:

(1, 36976), (Start: 2 @37030 has 6 MA's), (5, 37144), (6, 37207), (7, 37321), (8, 37369), (9, 37420), (10, 37426), (11, 37453), (13, 37576),

Gene: LilSpotty_53 Start: 35525, Stop: 36208, Start Num: 2

Candidate Starts for LilSpotty_53:

(1, 35471), (Start: 2 @35525 has 6 MA's), (3, 35603), (4, 35630), (5, 35681), (6, 35744), (9, 35957), (10, 35963), (11, 35990), (13, 36113),

Gene: Misha28_51 Start: 36297, Stop: 36938, Start Num: 2

Candidate Starts for Misha28_51:

(1, 36243), (Start: 2 @36297 has 6 MA's), (5, 36411), (6, 36474), (7, 36588), (8, 36636), (9, 36687), (10, 36693), (11, 36720), (13, 36843),

Gene: Piper2020_53 Start: 37013, Stop: 37654, Start Num: 2

Candidate Starts for Piper2020_53:

(1, 36959), (Start: 2 @37013 has 6 MA's), (5, 37127), (6, 37190), (7, 37304), (8, 37352), (9, 37403), (10, 37409), (11, 37436), (13, 37559),

Gene: Squirty_49 Start: 35182, Stop: 35976, Start Num: 2

Candidate Starts for Squirty_49:

(1, 35128), (Start: 2 @35182 has 6 MA's), (3, 35260), (4, 35287), (5, 35338), (6, 35401), (7, 35515), (8, 35563), (11, 35647), (12, 35710),

Gene: TootsiePop_51 Start: 36297, Stop: 36938, Start Num: 2

Candidate Starts for TootsiePop_51:

(1, 36243), (Start: 2 @36297 has 6 MA's), (5, 36411), (6, 36474), (7, 36588), (8, 36636), (9, 36687), (10, 36693), (11, 36720), (13, 36843),