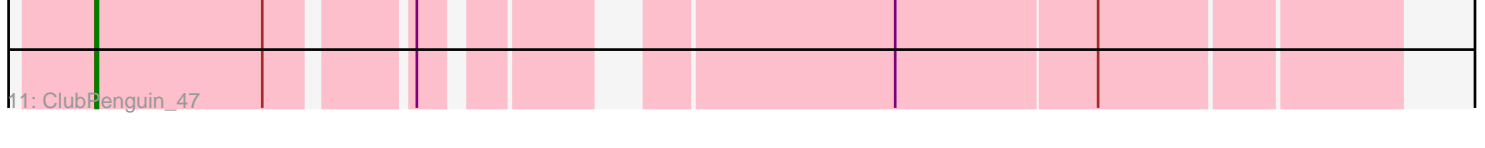
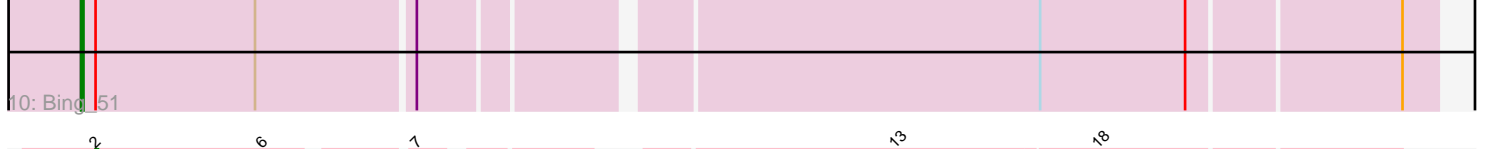
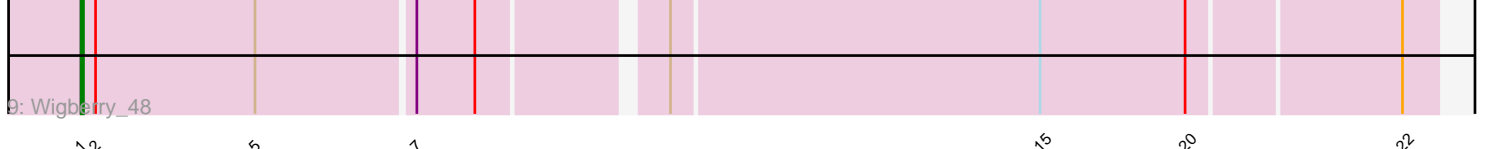
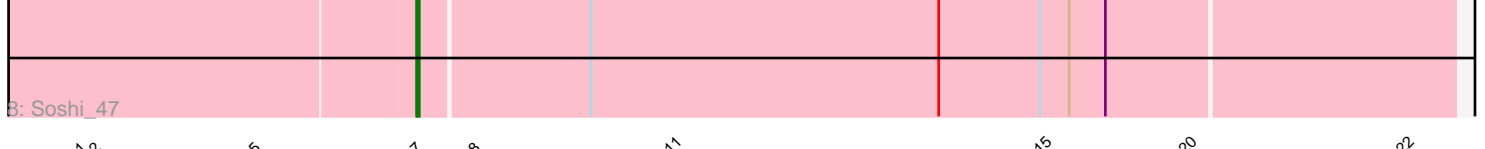
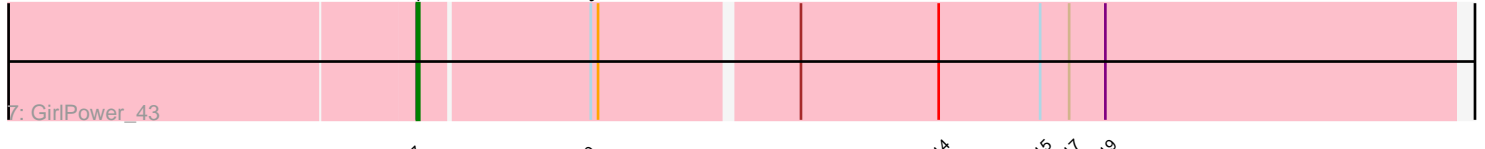
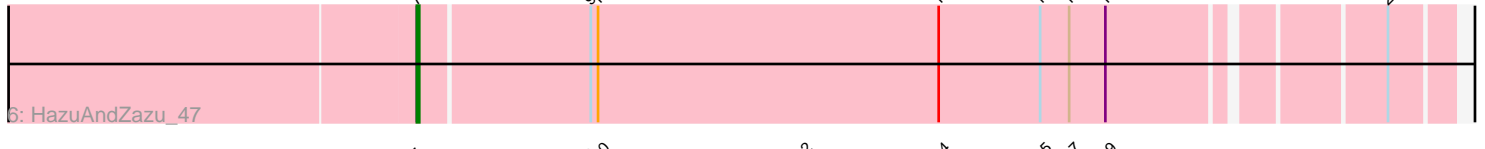
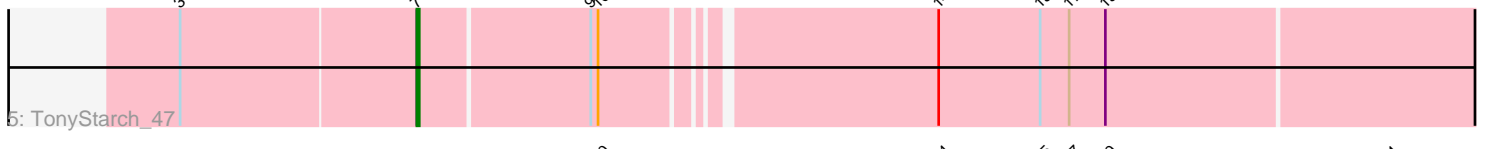
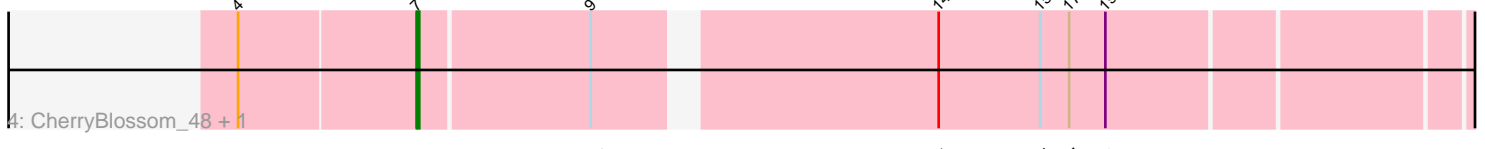
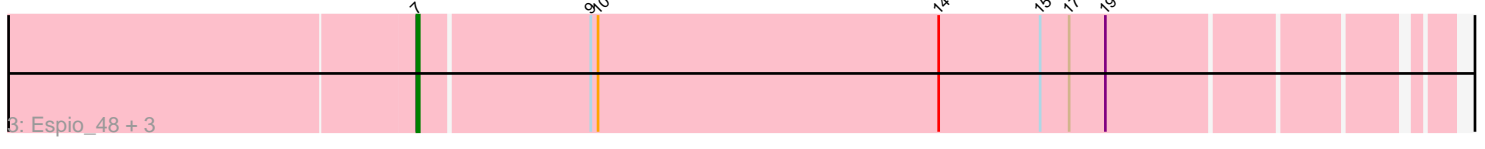
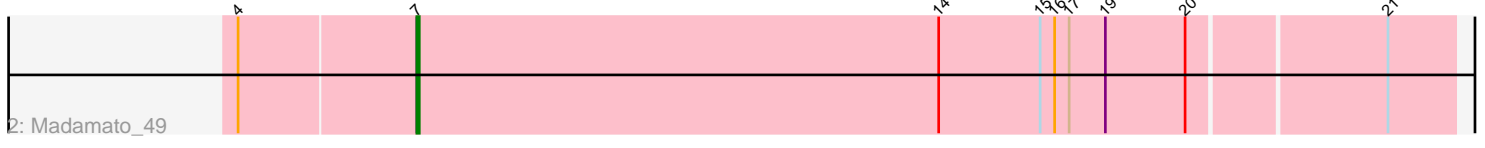
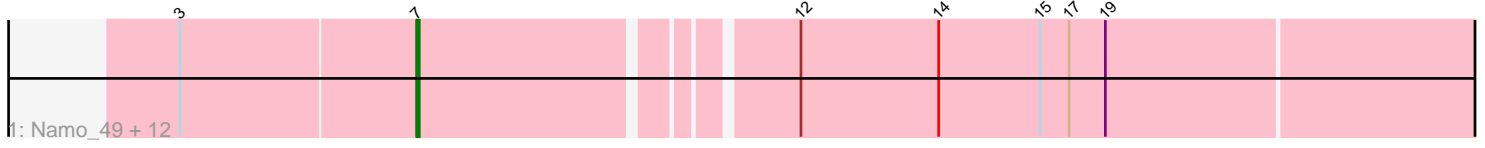


Pham 311925



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 311925 Report

This analysis was run 06/27/26 on database version 652.

Pham number 311925 has 27 members, 0 are drafts.

Phages represented in each track:

- Track 1 : Namu_49, Hoshi_47, OlympicHelado_48, TieDye_47, Spectropatronm_48, Indigenous_48, IceWarrior_47, Rima_49, Meibysrarus_46, Esketit_48, FidgetOrca_48, Jaylociraptor_48, Maya_48
- Track 2 : Madamato_49
- Track 3 : Espio_48, Popy_48, FrodoSwaggins_48, DrGrey_47
- Track 4 : CherryBlossom_48, TaidaOne_48
- Track 5 : TonyStarch_47
- Track 6 : HazuAndZazu_47
- Track 7 : GirlPower_43
- Track 8 : Soshi_47
- Track 9 : Wigberry_48
- Track 10 : Bing_51
- Track 11 : ClubPenguin_47

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

The start number called the most often in the published annotations is 7, it was called in 24 of the 27 non-draft genes in the pham.

Genes that call this "Most Annotated" start:

- CherryBlossom_48, DrGrey_47, Esketit_48, Espio_48, FidgetOrca_48, FrodoSwaggins_48, GirlPower_43, HazuAndZazu_47, Hoshi_47, IceWarrior_47, Indigenous_48, Jaylociraptor_48, Madamato_49, Maya_48, Meibysrarus_46, Namu_49, OlympicHelado_48, Popy_48, Rima_49, Soshi_47, Spectropatronm_48, TaidaOne_48, TieDye_47, TonyStarch_47,

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

- Bing_51, ClubPenguin_47, Wigberry_48,

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

-

Summary by start number:

Start 1:

- Found in 2 of 27 (7.4%) of genes in pham
- Manual Annotations of this start: 2 of 27
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Bing_51 (BI5), Wigberry_48 (BI5),

Start 2:

- Found in 3 of 27 (11.1%) of genes in pham
- Manual Annotations of this start: 1 of 27
- Called 33.3% of time when present
- Phage (with cluster) where this start called: ClubPenguin_47 (BI7),

Start 7:

- Found in 27 of 27 (100.0%) of genes in pham
- Manual Annotations of this start: 24 of 27
- Called 88.9% of time when present
- Phage (with cluster) where this start called: CherryBlossom_48 (BI1), DrGrey_47 (BI1), Esketit_48 (BI1), Espio_48 (BI1), FidgetOrca_48 (BI1), FrodoSwaggins_48 (BI1), GirlPower_43 (BI1), HazuAndZazu_47 (BI1), Hoshi_47 (BI1), IceWarrior_47 (BI1), Indigenous_48 (BI1), Jaylociraptor_48 (BI1), Madamato_49 (BI1), Maya_48 (BI1), Meibysrarus_46 (BI1), Namu_49 (BI1), OlympicHelado_48 (BI1), Popy_48 (BI1), Rima_49 (BI1), Soshi_47 (BI1), Spectropatronm_48 (BI1), TaidaOne_48 (BI1), TieDye_47 (BI1), TonyStarch_47 (BI1),

Summary by clusters:

There are 3 clusters represented in this pham: BI7, BI5, BI1,

Info for manual annotations of cluster BI1:

- Start number 7 was manually annotated 24 times for cluster BI1.

Info for manual annotations of cluster BI5:

- Start number 1 was manually annotated 2 times for cluster BI5.

Info for manual annotations of cluster BI7:

- Start number 2 was manually annotated 1 time for cluster BI7.

Gene Information:

Gene: Bing_51 Start: 32869, Stop: 33402, Start Num: 1

Candidate Starts for Bing_51:

(Start: 1 @32869 has 2 MA's), (Start: 2 @32875 has 1 MA's), (5, 32941), (Start: 7 @33004 has 24 MA's), (15, 33244), (20, 33304), (22, 33388),

Gene: CherryBlossom_48 Start: 32222, Stop: 32635, Start Num: 7

Candidate Starts for CherryBlossom_48:

(4, 32150), (Start: 7 @32222 has 24 MA's), (9, 32291), (14, 32420), (15, 32462), (17, 32474), (19, 32489),

Gene: ClubPenguin_47 Start: 31522, Stop: 32004, Start Num: 2

Candidate Starts for ClubPenguin_47:

Gene: TieDye_47 Start: 31917, Stop: 32339, Start Num: 7

Candidate Starts for TieDye_47:

(3, 31821), (Start: 7 @31917 has 24 MA's), (12, 32058), (14, 32115), (15, 32157), (17, 32169), (19, 32184),

Gene: TonyStarch_47 Start: 32038, Stop: 32460, Start Num: 7

Candidate Starts for TonyStarch_47:

(3, 31942), (Start: 7 @32038 has 24 MA's), (9, 32107), (10, 32110), (14, 32236), (15, 32278), (17, 32290), (19, 32305),

Gene: Wigberry_48 Start: 31557, Stop: 32093, Start Num: 1

Candidate Starts for Wigberry_48:

(Start: 1 @31557 has 2 MA's), (Start: 2 @31563 has 1 MA's), (5, 31629), (Start: 7 @31692 has 24 MA's), (8, 31716), (11, 31785), (15, 31935), (20, 31995), (22, 32079),