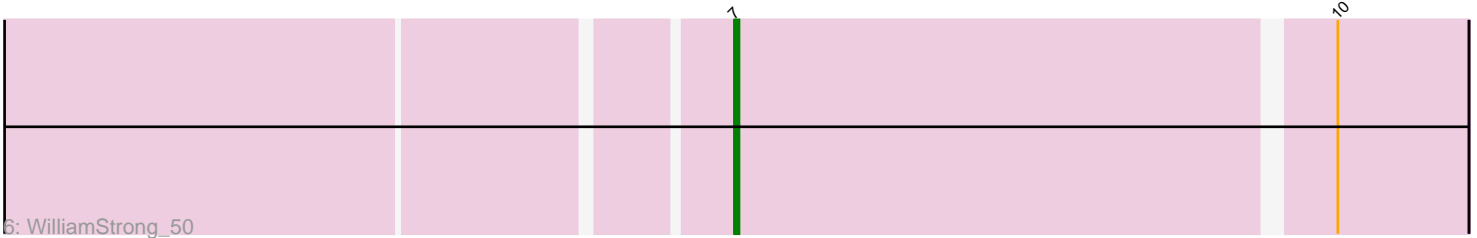
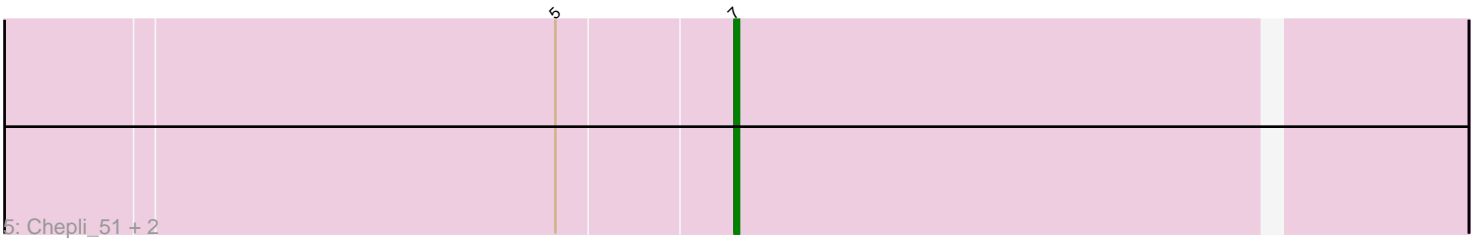
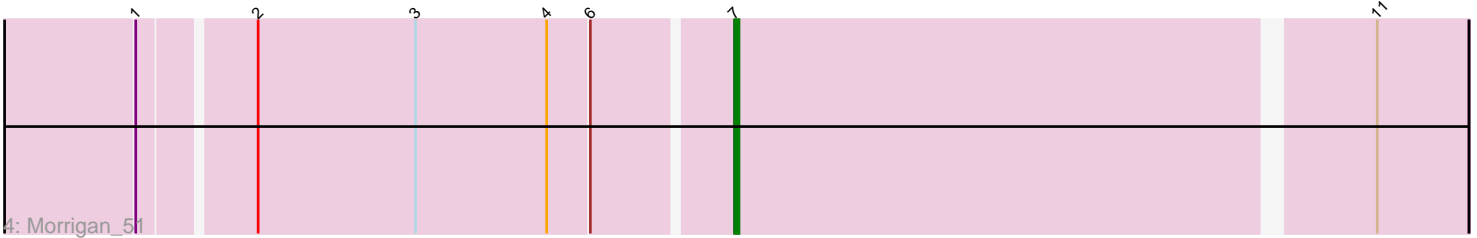
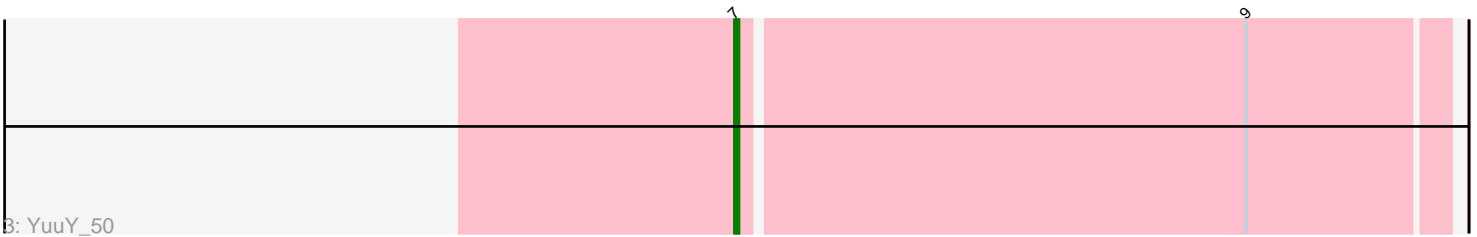
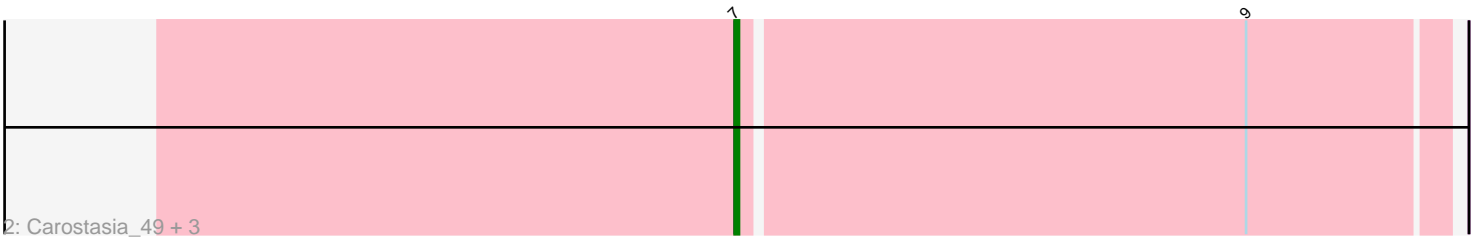
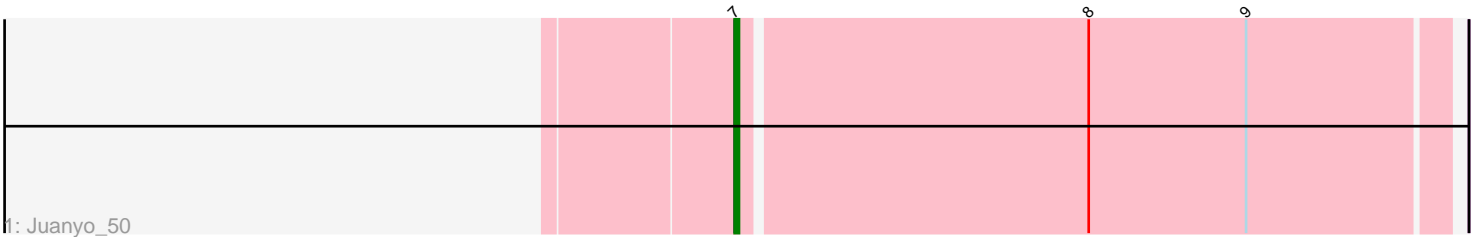


Pham 87484



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 87484 Report

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

Pham number 87484 has 11 members, 1 are drafts.

Phages represented in each track:

- Track 1 : Juanyo_50
- Track 2 : Carostasia_49, Nucci_49, Quartz_50, Mandalorian_49
- Track 3 : YuuY_50
- Track 4 : Morigan_51
- Track 5 : Chepli_51, Luna18_51, KatChan_50
- Track 6 : WilliamStrong_50

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 10 of the 10 non-draft genes in the pham.

Genes that call this "Most Annotated" start:

- Carostasia_49, Chepli_51, Juanyo_50, KatChan_50, Luna18_51, Mandalorian_49, Morigan_51, Nucci_49, Quartz_50, WilliamStrong_50, YuuY_50,

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 7:

- Found in 11 of 11 (100.0%) of genes in pham
- Manual Annotations of this start: 10 of 10
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Carostasia_49 (EA10), Chepli_51 (EA6), Juanyo_50 (EA10), KatChan_50 (EA6), Luna18_51 (EA6), Mandalorian_49 (EA10), Morigan_51 (EA6), Nucci_49 (EA10), Quartz_50 (EA10), WilliamStrong_50 (EA6), YuuY_50 (EA10),

Summary by clusters:

There are 2 clusters represented in this pham: EA10, EA6,

Info for manual annotations of cluster EA10:

- Start number 7 was manually annotated 5 times for cluster EA10.

Info for manual annotations of cluster EA6:

- Start number 7 was manually annotated 5 times for cluster EA6.

Gene Information:

Gene: Carostasia_49 Start: 35427, Stop: 35269, Start Num: 7

Candidate Starts for Carostasia_49:

(Start: 7 @35427 has 10 MA's), (9, 35313),

Gene: Chepli_51 Start: 35286, Stop: 35125, Start Num: 7

Candidate Starts for Chepli_51:

(5, 35325), (Start: 7 @35286 has 10 MA's),

Gene: Juanyo_50 Start: 35419, Stop: 35261, Start Num: 7

Candidate Starts for Juanyo_50:

(Start: 7 @35419 has 10 MA's), (8, 35341), (9, 35305),

Gene: KatChan_50 Start: 35298, Stop: 35137, Start Num: 7

Candidate Starts for KatChan_50:

(5, 35337), (Start: 7 @35298 has 10 MA's),

Gene: Luna18_51 Start: 35298, Stop: 35137, Start Num: 7

Candidate Starts for Luna18_51:

(5, 35337), (Start: 7 @35298 has 10 MA's),

Gene: Mandalorian_49 Start: 35437, Stop: 35279, Start Num: 7

Candidate Starts for Mandalorian_49:

(Start: 7 @35437 has 10 MA's), (9, 35323),

Gene: Morrigan_51 Start: 35149, Stop: 34988, Start Num: 7

Candidate Starts for Morrigan_51:

(1, 35278), (2, 35254), (3, 35218), (4, 35188), (6, 35179), (Start: 7 @35149 has 10 MA's), (11, 35008),

Gene: Nucci_49 Start: 35401, Stop: 35243, Start Num: 7

Candidate Starts for Nucci_49:

(Start: 7 @35401 has 10 MA's), (9, 35287),

Gene: Quartz_50 Start: 35550, Stop: 35392, Start Num: 7

Candidate Starts for Quartz_50:

(Start: 7 @35550 has 10 MA's), (9, 35436),

Gene: WilliamStrong_50 Start: 35745, Stop: 35584, Start Num: 7

Candidate Starts for WilliamStrong_50:

(Start: 7 @35745 has 10 MA's), (10, 35613),

Gene: YuuY_50 Start: 35973, Stop: 35815, Start Num: 7
Candidate Starts for YuuY_50:
(Start: 7 @35973 has 10 MA's), (9, 35859),