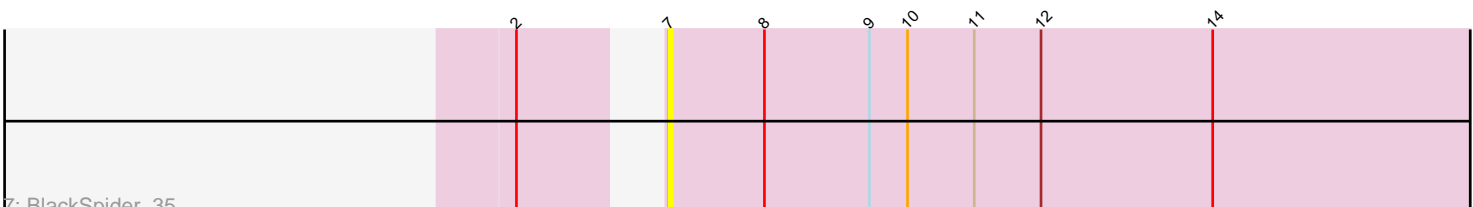
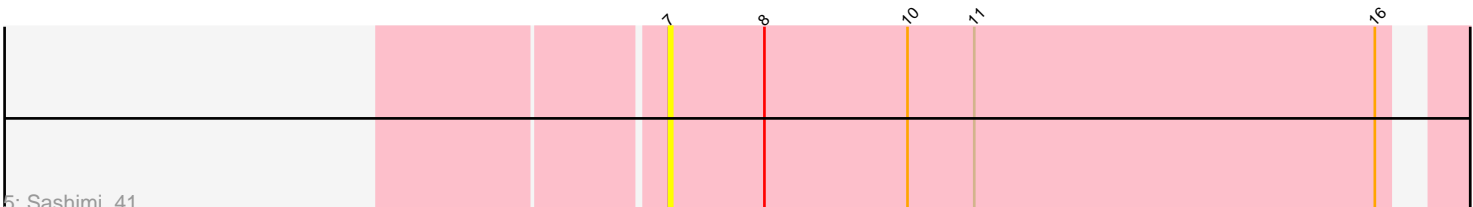
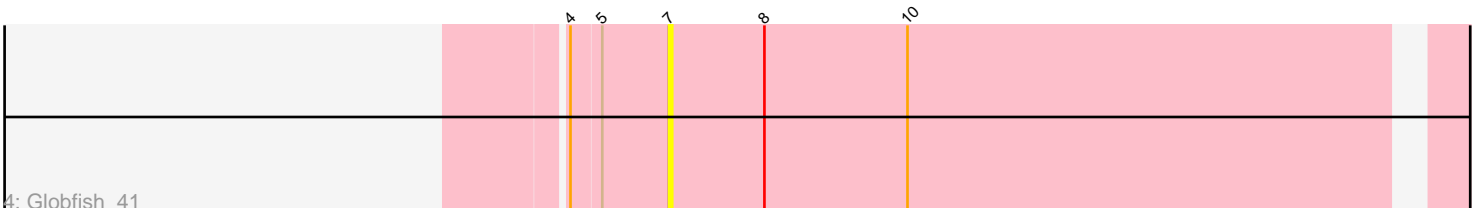
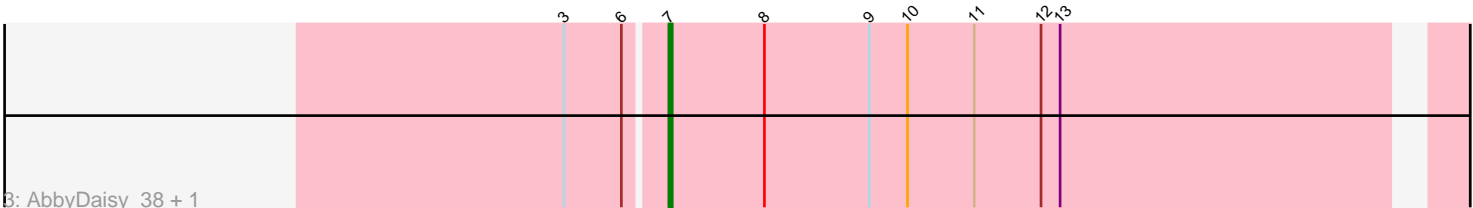
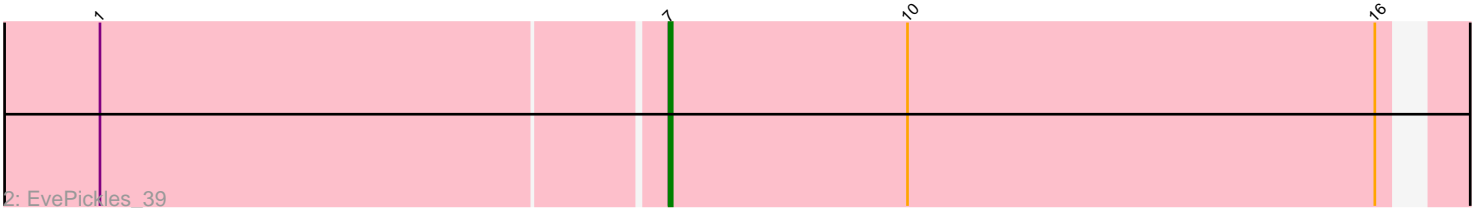
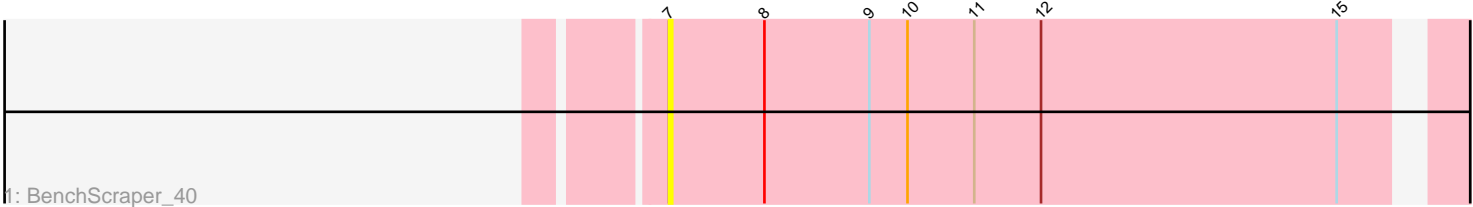


Pham 12310



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 12310 Report

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

Pham number 12310 has 8 members, 4 are drafts.

Phages represented in each track:

- Track 1 : BenchScraper_40
- Track 2 : EvePickles_39
- Track 3 : AbbyDaisy_38, Persistence_37
- Track 4 : Globfish_41
- Track 5 : Sashimi_41
- Track 6 : Bauer_38
- Track 7 : BlackSpider_35

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

Genes that call this "Most Annotated" start:

- AbbyDaisy_38, Bauer_38, BenchScraper_40, BlackSpider_35, EvePickles_39, Globfish_41, Persistence_37, Sashimi_41,

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 8 of 8 (100.0%) of genes in pham
- Manual Annotations of this start: 4 of 4
- Called 100.0% of time when present
- Phage (with cluster) where this start called: AbbyDaisy_38 (AY), Bauer_38 (FN), BenchScraper_40 (AY), BlackSpider_35 (FN), EvePickles_39 (AY), Globfish_41 (AY), Persistence_37 (AY), Sashimi_41 (AY),

Summary by clusters:

There are 2 clusters represented in this pham: AY, FN,

Info for manual annotations of cluster AY:

- Start number 7 was manually annotated 3 times for cluster AY.

Info for manual annotations of cluster FN:

- Start number 7 was manually annotated 1 time for cluster FN.

Gene Information:

Gene: AbbyDaisy_38 Start: 27968, Stop: 27726, Start Num: 7

Candidate Starts for AbbyDaisy_38:

(3, 27998), (6, 27980), (Start: 7 @27968 has 4 MA's), (8, 27938), (9, 27905), (10, 27893), (11, 27872), (12, 27851), (13, 27845),

Gene: Bauer_38 Start: 26761, Stop: 27009, Start Num: 7

Candidate Starts for Bauer_38:

(6, 26752), (Start: 7 @26761 has 4 MA's), (8, 26791), (9, 26824), (10, 26836), (11, 26857),

Gene: BenchScraper_40 Start: 27502, Stop: 27260, Start Num: 7

Candidate Starts for BenchScraper_40:

(Start: 7 @27502 has 4 MA's), (8, 27472), (9, 27439), (10, 27427), (11, 27406), (12, 27385), (15, 27292),

Gene: BlackSpider_35 Start: 26417, Stop: 26677, Start Num: 7

Candidate Starts for BlackSpider_35:

(2, 26387), (Start: 7 @26417 has 4 MA's), (8, 26447), (9, 26480), (10, 26492), (11, 26513), (12, 26534), (14, 26588),

Gene: EvePickles_39 Start: 28834, Stop: 28592, Start Num: 7

Candidate Starts for EvePickles_39:

(1, 29008), (Start: 7 @28834 has 4 MA's), (10, 28759), (16, 28612),

Gene: Globfish_41 Start: 27851, Stop: 27609, Start Num: 7

Candidate Starts for Globfish_41:

(4, 27881), (5, 27872), (Start: 7 @27851 has 4 MA's), (8, 27821), (10, 27776),

Gene: Persistence_37 Start: 26788, Stop: 26546, Start Num: 7

Candidate Starts for Persistence_37:

(3, 26818), (6, 26800), (Start: 7 @26788 has 4 MA's), (8, 26758), (9, 26725), (10, 26713), (11, 26692), (12, 26671), (13, 26665),

Gene: Sashimi_41 Start: 29235, Stop: 28993, Start Num: 7

Candidate Starts for Sashimi_41:

(Start: 7 @29235 has 4 MA's), (8, 29205), (10, 29160), (11, 29139), (16, 29013),