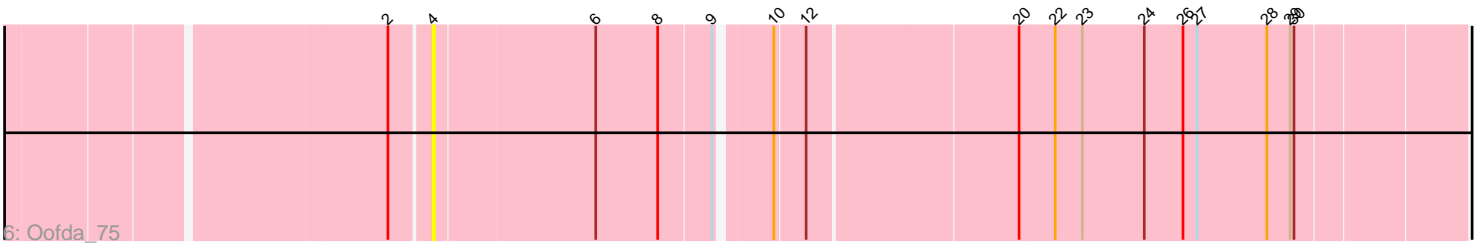
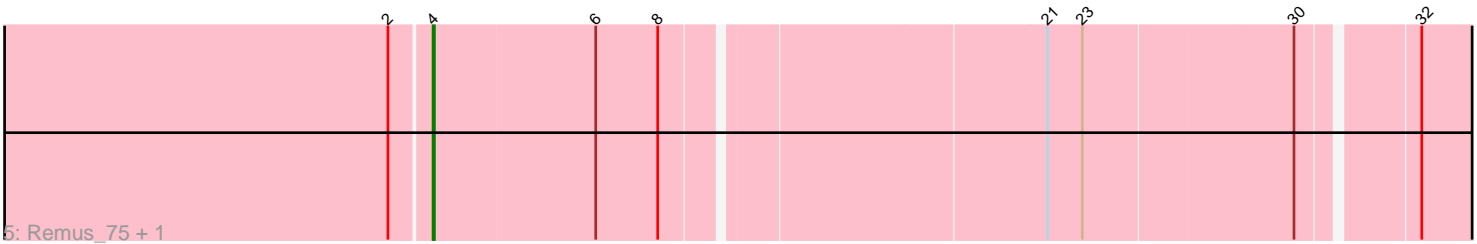
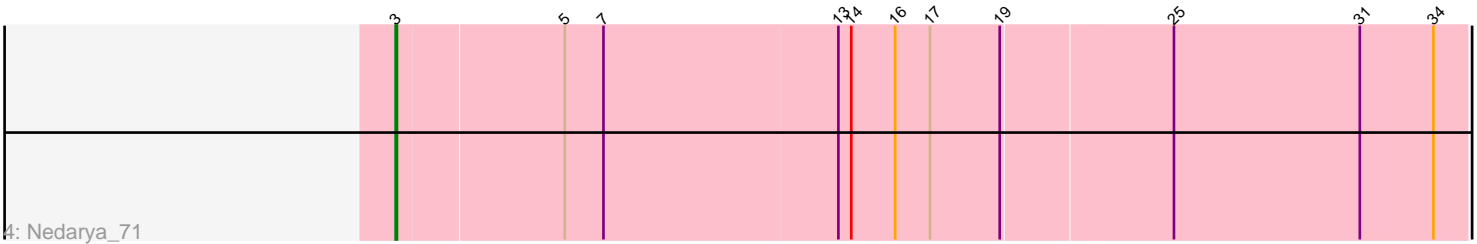
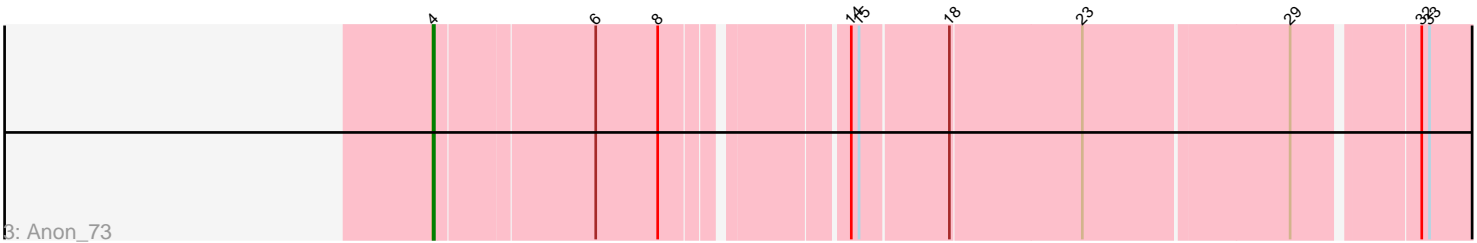
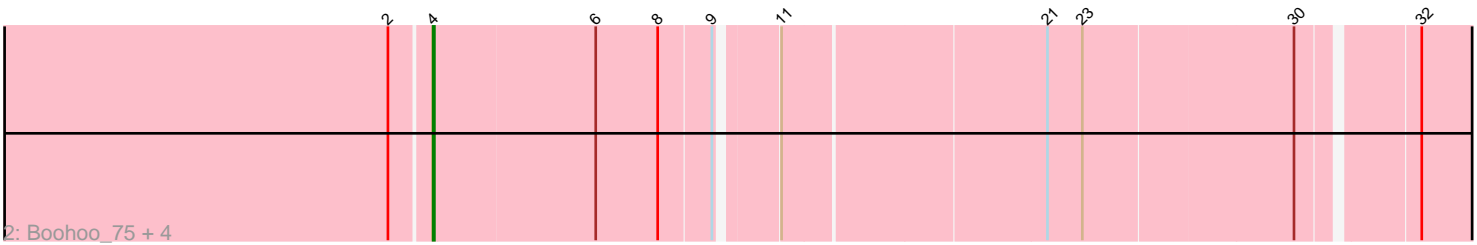
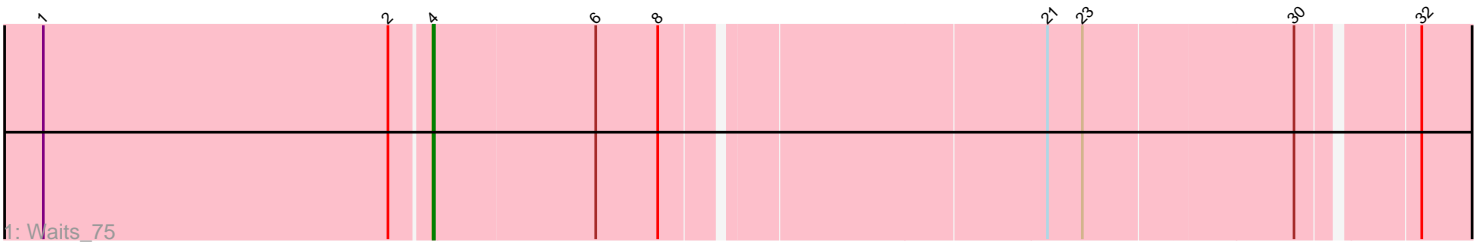


Pham 106835



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 106835 Report

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

Pham number 106835 has 11 members, 1 are drafts.

Phages represented in each track:

- Track 1 : Waits_75
- Track 2 : Boohoo_75, Looper_74, LastResort_73, Anaysia_75, ReMo_73
- Track 3 : Anon_73
- Track 4 : Nedarya_71
- Track 5 : Remus_75, Strosahl_75
- Track 6 : Oofda_75

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

Genes that call this "Most Annotated" start:

- Anaysia_75, Anon_73, Boohoo_75, LastResort_73, Looper_74, Oofda_75, ReMo_73, Remus_75, Strosahl_75, Waits_75,

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

-

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

- Nedarya_71,

Summary by start number:

Start 3:

- Found in 1 of 11 (9.1%) of genes in pham
- Manual Annotations of this start: 1 of 10
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Nedarya_71 (A15),

Start 4:

- Found in 10 of 11 (90.9%) of genes in pham
- Manual Annotations of this start: 9 of 10
- Called 100.0% of time when present

- Phage (with cluster) where this start called: Anaysia_75 (A15), Anon_73 (A15), Boohoo_75 (A15), LastResort_73 (A15), Looper_74 (A15), Oofda_75 (A15), ReMo_73 (A15), Remus_75 (A15), Strosahl_75 (A15), Waits_75 (A15),

Summary by clusters:

There is one cluster represented in this pham: A15

Info for manual annotations of cluster A15:

- Start number 3 was manually annotated 1 time for cluster A15.
- Start number 4 was manually annotated 9 times for cluster A15.

Gene Information:

Gene: Anaysia_75 Start: 41596, Stop: 40838, Start Num: 4

Candidate Starts for Anaysia_75:

(2, 41626), (Start: 4 @41596 has 9 MA's), (6, 41473), (8, 41425), (9, 41386), (11, 41347), (21, 41152), (23, 41125), (30, 40969), (32, 40888),

Gene: Anon_73 Start: 41476, Stop: 40727, Start Num: 4

Candidate Starts for Anon_73:

(Start: 4 @41476 has 9 MA's), (6, 41359), (8, 41311), (14, 41188), (15, 41182), (18, 41116), (23, 41017), (29, 40864), (32, 40777), (33, 40771),

Gene: Boohoo_75 Start: 41596, Stop: 40838, Start Num: 4

Candidate Starts for Boohoo_75:

(2, 41626), (Start: 4 @41596 has 9 MA's), (6, 41473), (8, 41425), (9, 41386), (11, 41347), (21, 41152), (23, 41125), (30, 40969), (32, 40888),

Gene: LastResort_73 Start: 41372, Stop: 40614, Start Num: 4

Candidate Starts for LastResort_73:

(2, 41402), (Start: 4 @41372 has 9 MA's), (6, 41249), (8, 41201), (9, 41162), (11, 41123), (21, 40928), (23, 40901), (30, 40745), (32, 40664),

Gene: Looper_74 Start: 41284, Stop: 40526, Start Num: 4

Candidate Starts for Looper_74:

(2, 41314), (Start: 4 @41284 has 9 MA's), (6, 41161), (8, 41113), (9, 41074), (11, 41035), (21, 40840), (23, 40813), (30, 40657), (32, 40576),

Gene: Nedarya_71 Start: 41577, Stop: 40756, Start Num: 3

Candidate Starts for Nedarya_71:

(Start: 3 @41577 has 1 MA's), (5, 41451), (7, 41421), (13, 41241), (14, 41232), (16, 41199), (17, 41172), (19, 41118), (25, 40992), (31, 40848), (34, 40791),

Gene: Oofda_75 Start: 41492, Stop: 40728, Start Num: 4

Candidate Starts for Oofda_75:

(2, 41522), (Start: 4 @41492 has 9 MA's), (6, 41372), (8, 41324), (9, 41285), (10, 41249), (12, 41228), (20, 41072), (22, 41045), (23, 41024), (24, 40976), (26, 40946), (27, 40937), (28, 40883), (29, 40865), (30, 40862),

Gene: ReMo_73 Start: 41369, Stop: 40611, Start Num: 4

Candidate Starts for ReMo_73:

(2, 41399), (Start: 4 @41369 has 9 MA's), (6, 41246), (8, 41198), (9, 41159), (11, 41120), (21, 40925), (23, 40898), (30, 40742), (32, 40661),

Gene: Remus_75 Start: 41365, Stop: 40601, Start Num: 4

Candidate Starts for Remus_75:

(2, 41395), (Start: 4 @41365 has 9 MA's), (6, 41242), (8, 41194), (21, 40915), (23, 40888), (30, 40732), (32, 40651),

Gene: Strosahl_75 Start: 41365, Stop: 40601, Start Num: 4

Candidate Starts for Strosahl_75:

(2, 41395), (Start: 4 @41365 has 9 MA's), (6, 41242), (8, 41194), (21, 40915), (23, 40888), (30, 40732), (32, 40651),

Gene: Waits_75 Start: 41597, Stop: 40833, Start Num: 4

Candidate Starts for Waits_75:

(1, 41894), (2, 41627), (Start: 4 @41597 has 9 MA's), (6, 41474), (8, 41426), (21, 41147), (23, 41120), (30, 40964), (32, 40883),