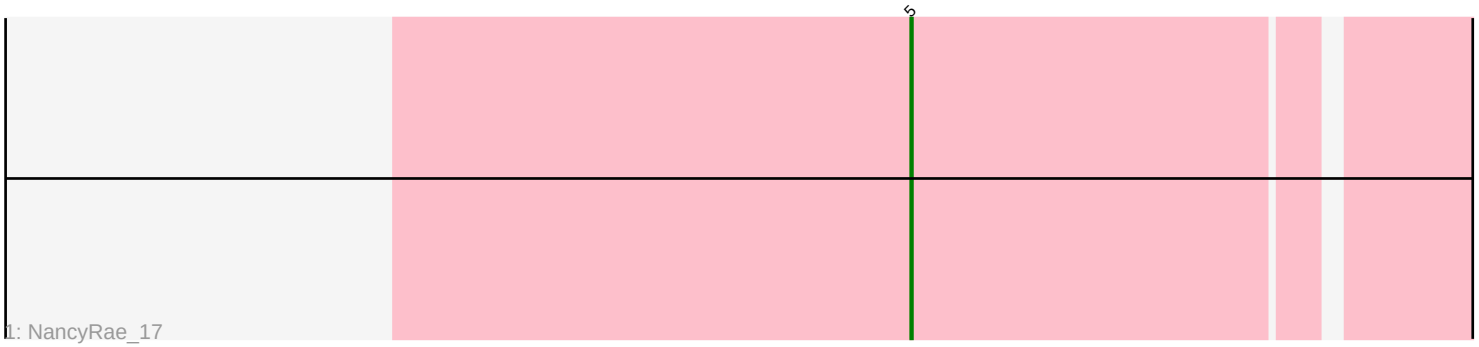
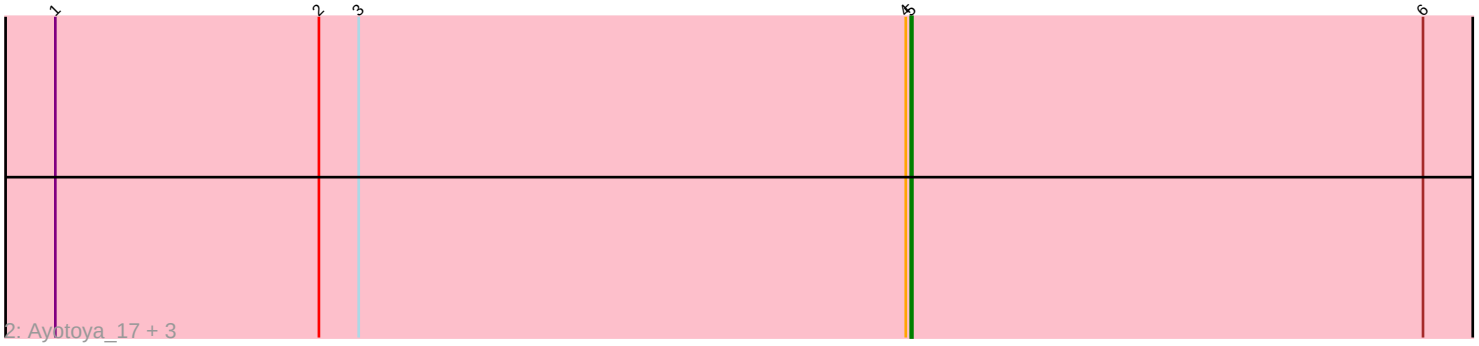
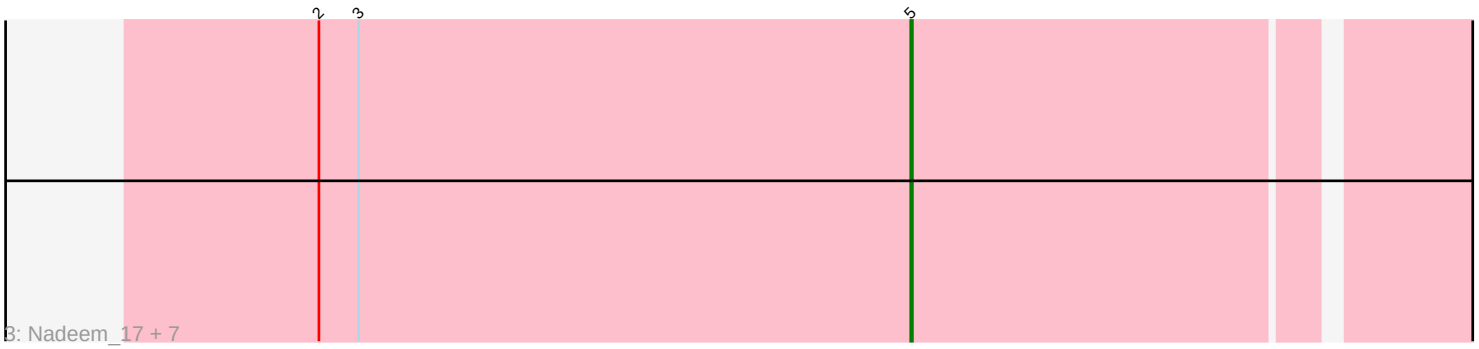
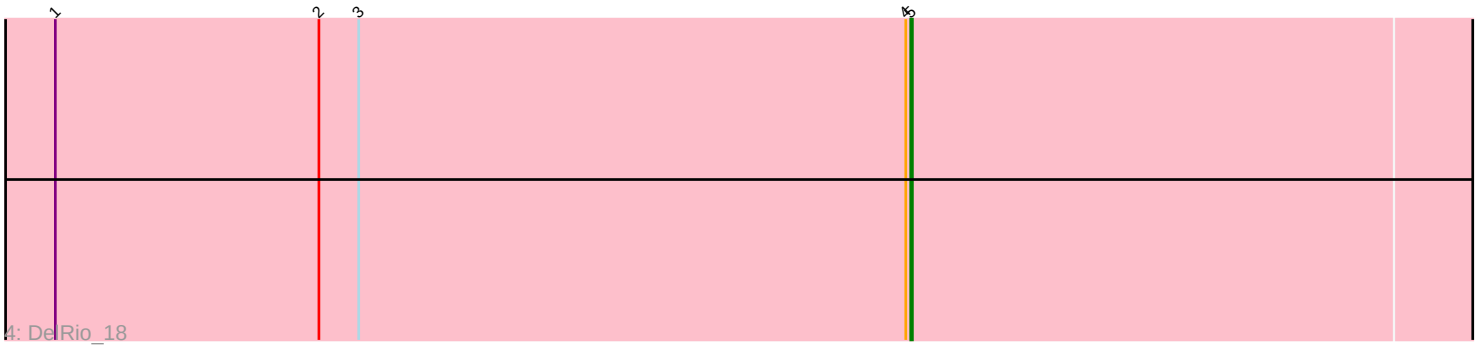
Pham 203434


5
1: NancyRae_17


1
2
3
5
6
2: Ayotoya_17 + 3


2
3
5
3: Nadeem_17 + 7


1
2
3
5
4: DelRio_18

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 203434 Report

This analysis was run 01/18/25 on database version 583.

Pham number 203434 has 14 members, 0 are drafts.

Phages represented in each track:
• Track 1 : NancyRae_17
• Track 2 : Ayotoya_17, Chop_17, Hamood_17, GrandSlam_17
• Track 3 : Nadeem_17, WheatThin_17, Parada_17, Brylie_17, Pimento_18, Mulch_17, BetterKatz_17, Bock_17
• Track 4 : DelRio_18

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

The start number called the most often in the published annotations is 5, it was called in 14 of the 14 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Ayotoya_17, BetterKatz_17, Bock_17, Brylie_17, Chop_17, DelRio_18, GrandSlam_17, Hamood_17, Mulch_17, Nadeem_17, NancyRae_17, Parada_17, Pimento_18, WheatThin_17,

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 5:
• Found in 14 of 14 (100.0%) of genes in pham
• Manual Annotations of this start: 14 of 14
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Ayotoya_17 (DI), BetterKatz_17 (DI), Bock_17 (DI), Brylie_17 (DI), Chop_17 (DI), DelRio_18 (DI), GrandSlam_17 (DI), Hamood_17 (DI), Mulch_17 (DI), Nadeem_17 (DI), NancyRae_17 (DI), Parada_17 (DI), Pimento_18 (DI), WheatThin_17 (DI),

Summary by clusters:

There is one cluster represented in this pham: DI

Info for manual annotations of cluster DI:
•Start number 5 was manually annotated 14 times for cluster DI.

Gene Information:

Gene: Ayotoya_17 Start: 10530, Stop: 10919, Start Num: 5
Candidate Starts for Ayotoya_17:
(1, 10014), (2, 10173), (3, 10197), (4, 10527), (Start: 5 @10530 has 14 MA's), (6, 10839),

Gene: BetterKatz_17 Start: 10498, Stop: 10860, Start Num: 5
Candidate Starts for BetterKatz_17:
(2, 10141), (3, 10165), (Start: 5 @10498 has 14 MA's),

Gene: Bock_17 Start: 10248, Stop: 10610, Start Num: 5
Candidate Starts for Bock_17:
(2, 9891), (3, 9915), (Start: 5 @10248 has 14 MA's),

Gene: Brylie_17 Start: 10245, Stop: 10607, Start Num: 5
Candidate Starts for Brylie_17:
(2, 9888), (3, 9912), (Start: 5 @10245 has 14 MA's),

Gene: Chop_17 Start: 10278, Stop: 10667, Start Num: 5
Candidate Starts for Chop_17:
(1, 9762), (2, 9921), (3, 9945), (4, 10275), (Start: 5 @10278 has 14 MA's), (6, 10587),

Gene: DelRio_18 Start: 10755, Stop: 11141, Start Num: 5
Candidate Starts for DelRio_18:
(1, 10239), (2, 10398), (3, 10422), (4, 10752), (Start: 5 @10755 has 14 MA's),

Gene: GrandSlam_17 Start: 10278, Stop: 10667, Start Num: 5
Candidate Starts for GrandSlam_17:
(1, 9762), (2, 9921), (3, 9945), (4, 10275), (Start: 5 @10278 has 14 MA's), (6, 10587),

Gene: Hamood_17 Start: 10278, Stop: 10667, Start Num: 5
Candidate Starts for Hamood_17:
(1, 9762), (2, 9921), (3, 9945), (4, 10275), (Start: 5 @10278 has 14 MA's), (6, 10587),

Gene: Mulch_17 Start: 10245, Stop: 10607, Start Num: 5
Candidate Starts for Mulch_17:
(2, 9888), (3, 9912), (Start: 5 @10245 has 14 MA's),

Gene: Nadeem_17 Start: 10245, Stop: 10607, Start Num: 5
Candidate Starts for Nadeem_17:
(2, 9888), (3, 9912), (Start: 5 @10245 has 14 MA's),

Gene: NancyRae_17 Start: 10245, Stop: 10607, Start Num: 5
Candidate Starts for NancyRae_17:
(Start: 5 @10245 has 14 MA's),

Gene: Parada_17 Start: 10245, Stop: 10607, Start Num: 5
Candidate Starts for Parada_17:
(2, 9888), (3, 9912), (Start: 5 @10245 has 14 MA's),

Gene: Pimento_18 Start: 10449, Stop: 10811, Start Num: 5
Candidate Starts for Pimento_18:
(2, 10092), (3, 10116), (Start: 5 @10449 has 14 MA's),

Gene: WheatThin_17 Start: 10245, Stop: 10607, Start Num: 5
Candidate Starts for WheatThin_17:
(2, 9888), (3, 9912), (Start: 5 @10245 has 14 MA's),