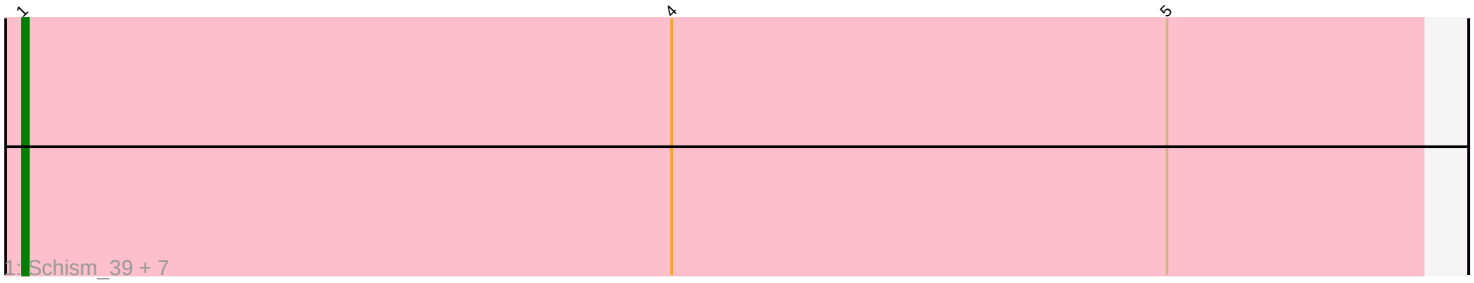
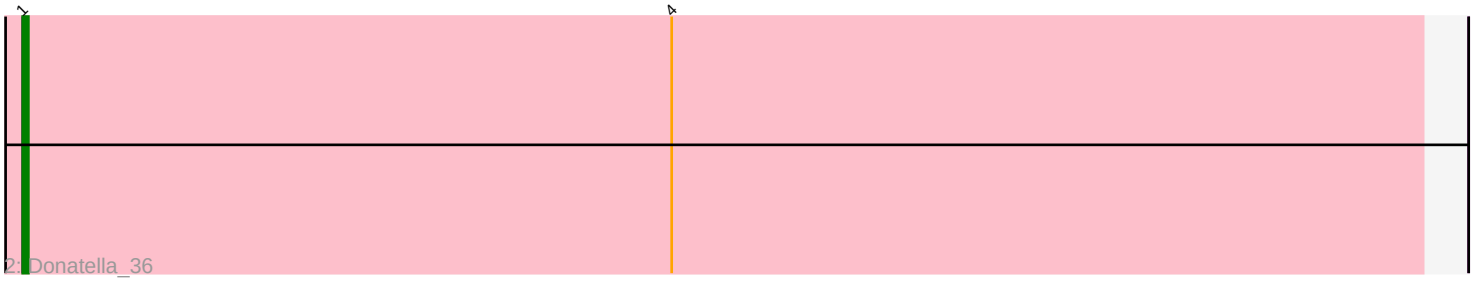
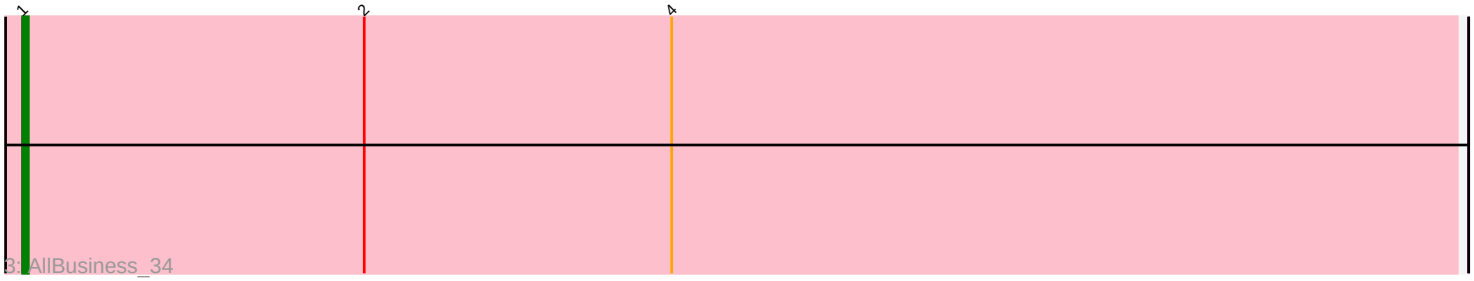
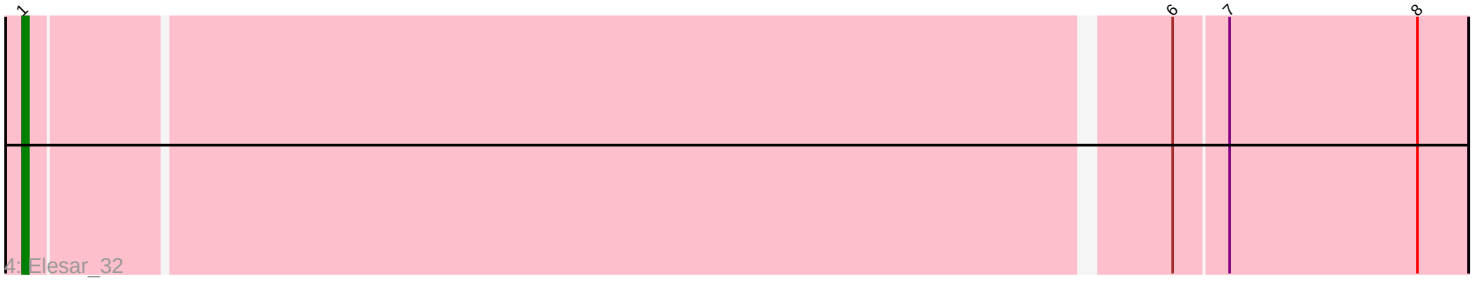
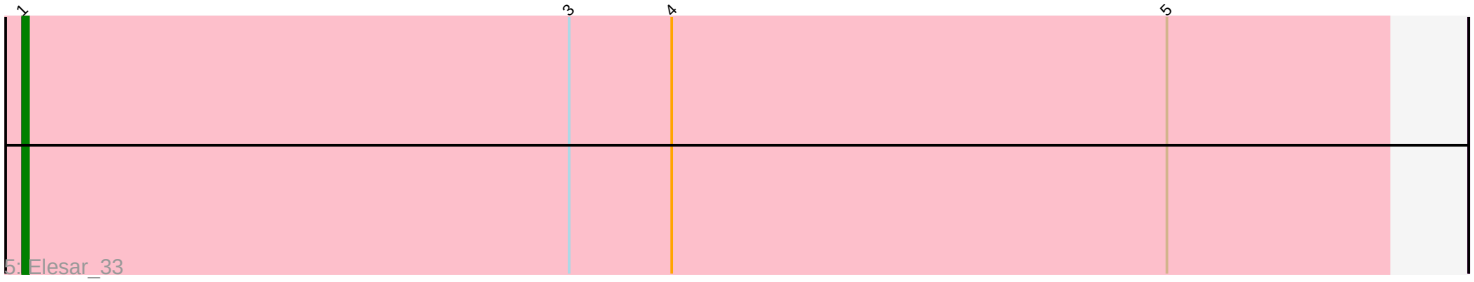
Pham 340198


1
4
5
1:Schism_39 + 7


1
4
2:Donatella_36


1
2
4
3:AllBusiness_34


1
6
7
8
4:Elesar_32


1
3
4
5
5:Elesar_33

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 340198 Report

This analysis was run 11/14/26 on database version 672.

Pham number 340198 has 12 members, 1 are drafts.

Phages represented in each track:
• Track 1 : Schism_39, Ryan_37, Cole_35, Nandita_37, Guinevere_37, Popper_35, Yonex_37, GoodLuckBabe_36
• Track 2 : Donatella_36
• Track 3 : AllBusiness_34
• Track 4 : Elesar_32
• Track 5 : Elesar_33

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

The start number called the most often in the published annotations is 1, it was called in 11 of the 11 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• AllBusiness_34, Cole_35, Donatella_36, Elesar_32, Elesar_33, GoodLuckBabe_36, Guinevere_37, Nandita_37, Popper_35, Ryan_37, Schism_39, Yonex_37,

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 1:
• Found in 12 of 12 (100.0%) of genes in pham
• Manual Annotations of this start: 11 of 11
• Called 100.0% of time when present
• Phage (with cluster) where this start called: AllBusiness_34 (FF), Cole_35 (FF), Donatella_36 (FF), Elesar_32 (FF), Elesar_33 (FF), GoodLuckBabe_36 (FF), Guinevere_37 (FF), Nandita_37 (FF), Popper_35 (FF), Ryan_37 (FF), Schism_39 (FF), Yonex_37 (FF),

Summary by clusters:

There is one cluster represented in this pham: FF

Info for manual annotations of cluster FF:
•Start number 1 was manually annotated 11 times for cluster FF.

Gene Information:

Gene: AllBusiness_34 Start: 28419, Stop: 28168, Start Num: 1
Candidate Starts for AllBusiness_34:
(Start: 1 @28419 has 11 MA's), (2, 28359), (4, 28305),

Gene: Cole_35 Start: 27282, Stop: 27037, Start Num: 1
Candidate Starts for Cole_35:
(Start: 1 @27282 has 11 MA's), (4, 27168), (5, 27081),

Gene: Donatella_36 Start: 27746, Stop: 27501, Start Num: 1
Candidate Starts for Donatella_36:
(Start: 1 @27746 has 11 MA's), (4, 27632),

Gene: Elesar_32 Start: 27954, Stop: 27709, Start Num: 1
Candidate Starts for Elesar_32:
(Start: 1 @27954 has 11 MA's), (6, 27759), (7, 27750), (8, 27717),

Gene: Elesar_33 Start: 28190, Stop: 27951, Start Num: 1
Candidate Starts for Elesar_33:
(Start: 1 @28190 has 11 MA's), (3, 28094), (4, 28076), (5, 27989),

Gene: GoodLuckBabe_36 Start: 27864, Stop: 27619, Start Num: 1
Candidate Starts for GoodLuckBabe_36:
(Start: 1 @27864 has 11 MA's), (4, 27750), (5, 27663),

Gene: Guinevere_37 Start: 27454, Stop: 27209, Start Num: 1
Candidate Starts for Guinevere_37:
(Start: 1 @27454 has 11 MA's), (4, 27340), (5, 27253),

Gene: Nandita_37 Start: 27454, Stop: 27209, Start Num: 1
Candidate Starts for Nandita_37:
(Start: 1 @27454 has 11 MA's), (4, 27340), (5, 27253),

Gene: Popper_35 Start: 27366, Stop: 27121, Start Num: 1
Candidate Starts for Popper_35:
(Start: 1 @27366 has 11 MA's), (4, 27252), (5, 27165),

Gene: Ryan_37 Start: 28065, Stop: 27820, Start Num: 1
Candidate Starts for Ryan_37:
(Start: 1 @28065 has 11 MA's), (4, 27951), (5, 27864),

Gene: Schism_39 Start: 28244, Stop: 27999, Start Num: 1
Candidate Starts for Schism_39:
(Start: 1 @28244 has 11 MA's), (4, 28130), (5, 28043),

Gene: Yonex_37 Start: 28065, Stop: 27820, Start Num: 1
Candidate Starts for Yonex_37:
(Start: 1 @28065 has 11 MA's), (4, 27951), (5, 27864),