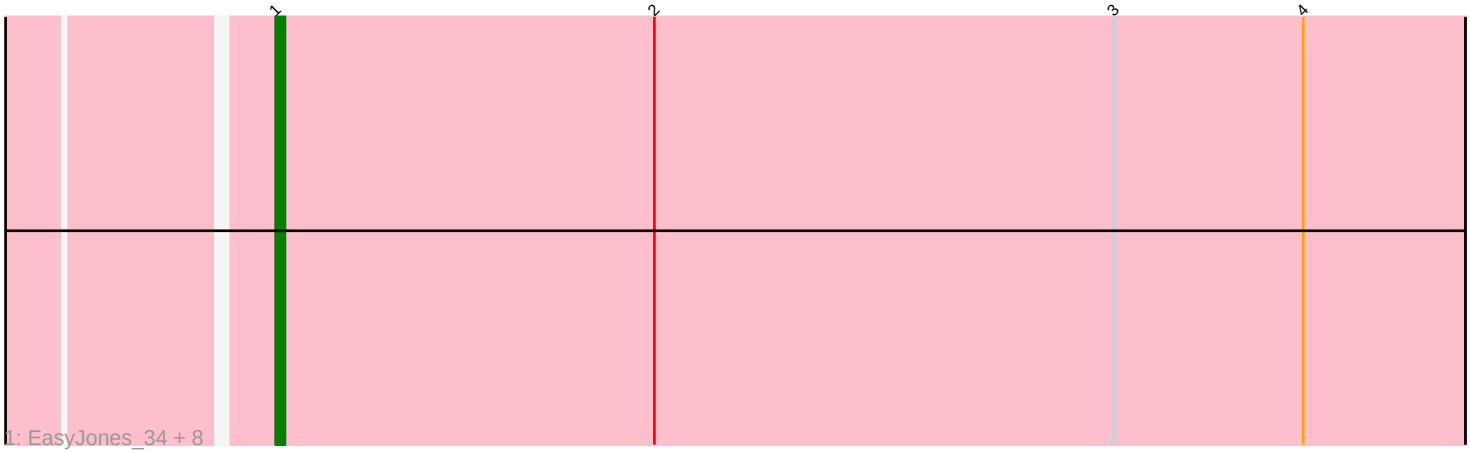
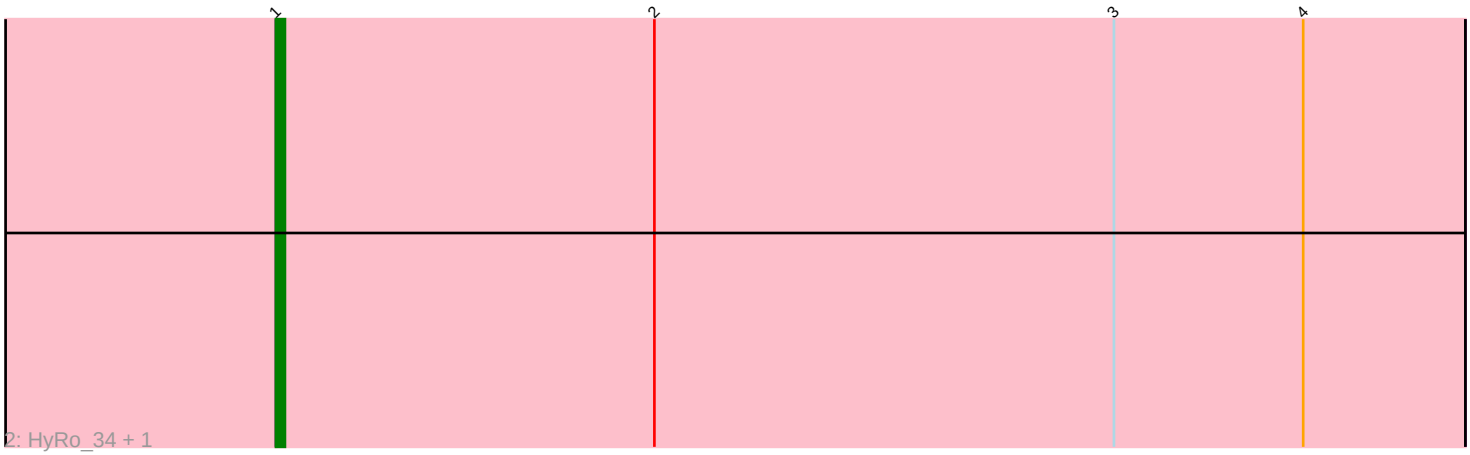
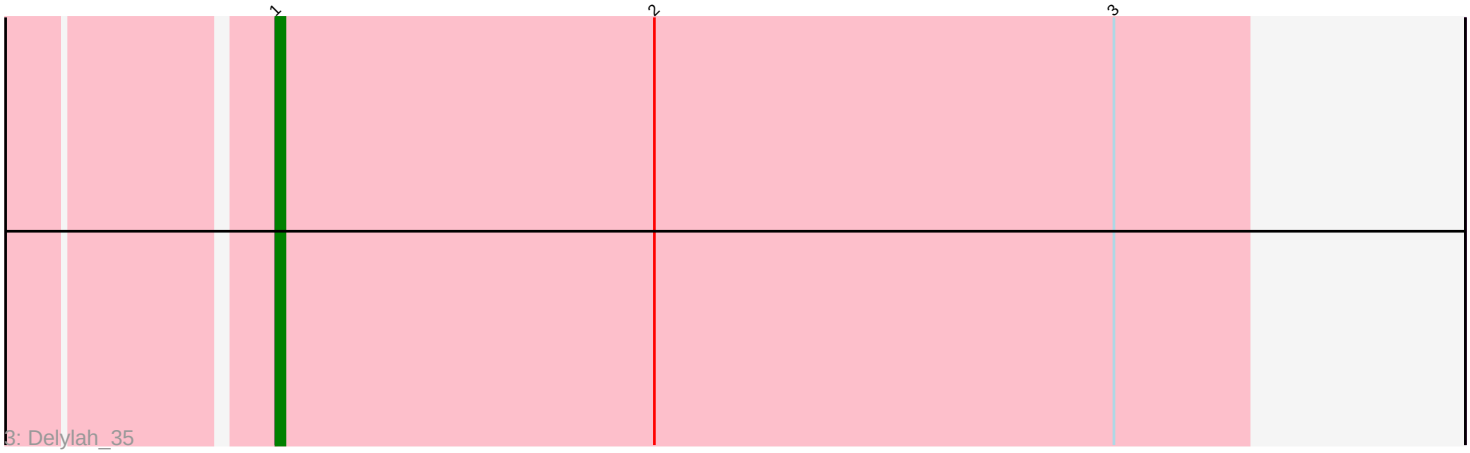
Pham 196981







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 196981 Report

This analysis was run 12/09/24 on database version 580.

Pham number 196981 has 12 members, 0 are drafts.

Phages represented in each track:
• Track 1 : EasyJones_34, Pinkcreek_26, Stubby_32, Rabinovish_33, Alice_29, Flabslab_35, Shelob_36, Roots515_35, Astraea_36
• Track 2 : HyRo_34, Shifa_32
• Track 3 : Delylah_35

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 12 of the 12 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Alice_29, Astraea_36, Delylah_35, EasyJones_34, Flabslab_35, HyRo_34, Pinkcreek_26, Rabinovish_33, Roots515_35, Shelob_36, Shifa_32, Stubby_32,

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: 12 of 12
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Alice_29 (C1), Astraea_36 (C1), Delylah_35 (C1), EasyJones_34 (C1), Flabslab_35 (C1), HyRo_34 (C1), Pinkcreek_26 (C1), Rabinovish_33 (C1), Roots515_35 (C1), Shelob_36 (C1), Shifa_32 (C1), Stubby_32 (C1),

Summary by clusters:

There is one cluster represented in this pham: C1

Info for manual annotations of cluster C1:
•Start number 1 was manually annotated 12 times for cluster C1.

Gene Information:

Gene: Alice_29 Start: 10039, Stop: 10170, Start Num: 1
Candidate Starts for Alice_29:
(Start: 1 @10039 has 12 MA's), (2, 10081), (3, 10132), (4, 10153),

Gene: Astraea_36 Start: 11448, Stop: 11579, Start Num: 1
Candidate Starts for Astraea_36:
(Start: 1 @11448 has 12 MA's), (2, 11490), (3, 11541), (4, 11562),

Gene: Delylah_35 Start: 11293, Stop: 11400, Start Num: 1
Candidate Starts for Delylah_35:
(Start: 1 @11293 has 12 MA's), (2, 11335), (3, 11386),

Gene: EasyJones_34 Start: 10447, Stop: 10578, Start Num: 1
Candidate Starts for EasyJones_34:
(Start: 1 @10447 has 12 MA's), (2, 10489), (3, 10540), (4, 10561),

Gene: Flabslab_35 Start: 11432, Stop: 11563, Start Num: 1
Candidate Starts for Flabslab_35:
(Start: 1 @11432 has 12 MA's), (2, 11474), (3, 11525), (4, 11546),

Gene: HyRo_34 Start: 12013, Stop: 12144, Start Num: 1
Candidate Starts for HyRo_34:
(Start: 1 @12013 has 12 MA's), (2, 12055), (3, 12106), (4, 12127),

Gene: Pinkcreek_26 Start: 9368, Stop: 9499, Start Num: 1
Candidate Starts for Pinkcreek_26:
(Start: 1 @9368 has 12 MA's), (2, 9410), (3, 9461), (4, 9482),

Gene: Rabinovish_33 Start: 11961, Stop: 12092, Start Num: 1
Candidate Starts for Rabinovish_33:
(Start: 1 @11961 has 12 MA's), (2, 12003), (3, 12054), (4, 12075),

Gene: Roots515_35 Start: 11822, Stop: 11953, Start Num: 1
Candidate Starts for Roots515_35:
(Start: 1 @11822 has 12 MA's), (2, 11864), (3, 11915), (4, 11936),

Gene: Shelob_36 Start: 12392, Stop: 12523, Start Num: 1
Candidate Starts for Shelob_36:
(Start: 1 @12392 has 12 MA's), (2, 12434), (3, 12485), (4, 12506),

Gene: Shifa_32 Start: 11459, Stop: 11590, Start Num: 1
Candidate Starts for Shifa_32:
(Start: 1 @11459 has 12 MA's), (2, 11501), (3, 11552), (4, 11573),

Gene: Stubby_32 Start: 10769, Stop: 10900, Start Num: 1

Candidate Starts for Stubby_32:
(Start: 1 @10769 has 12 MA's), (2, 10811), (3, 10862), (4, 10883),