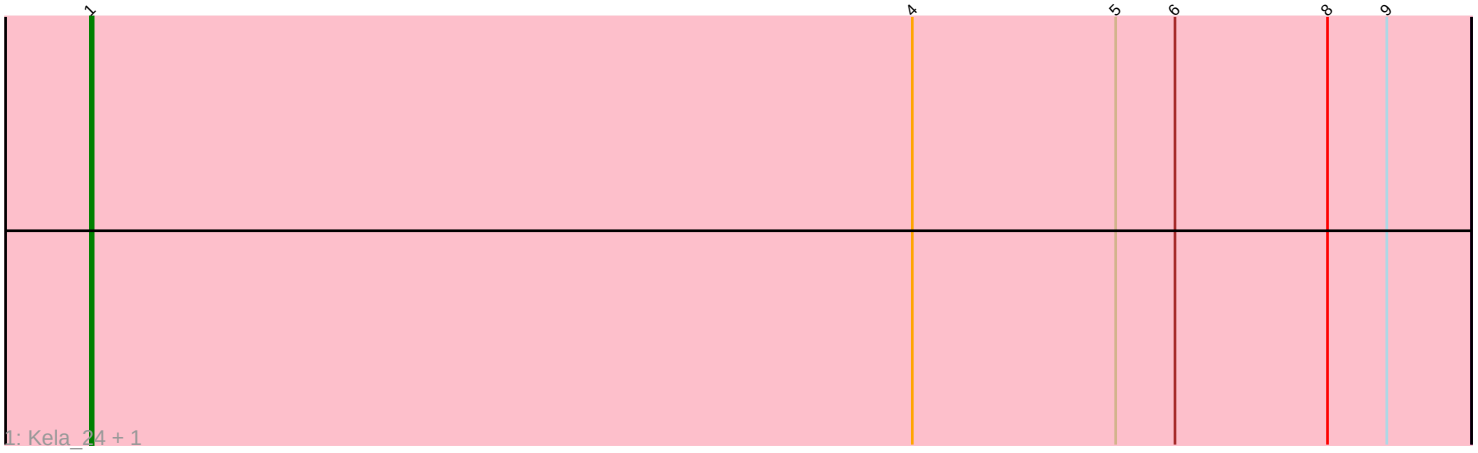
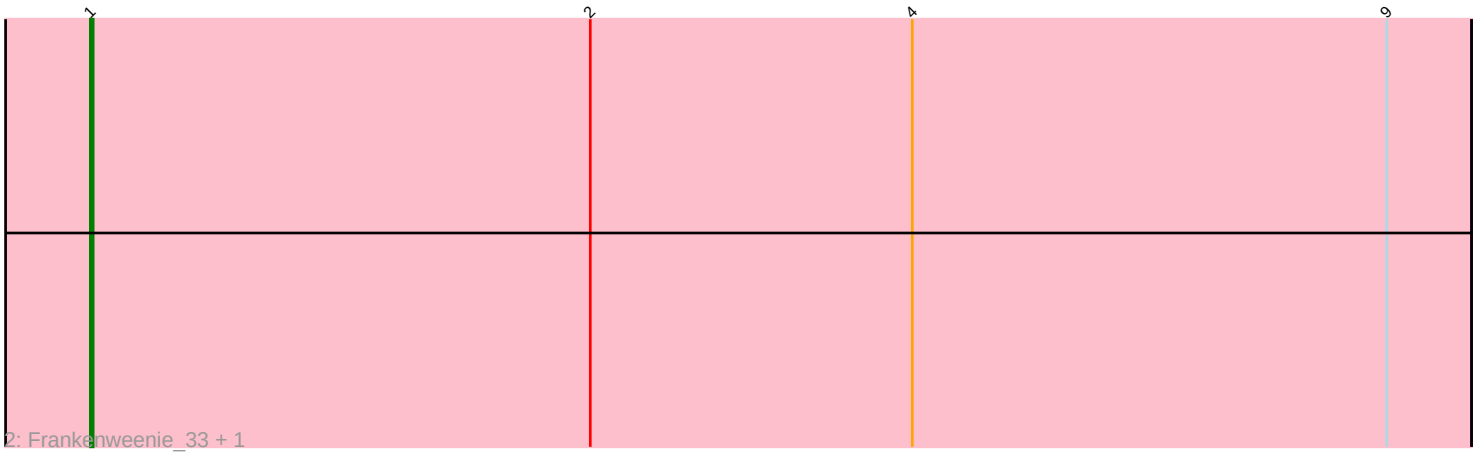
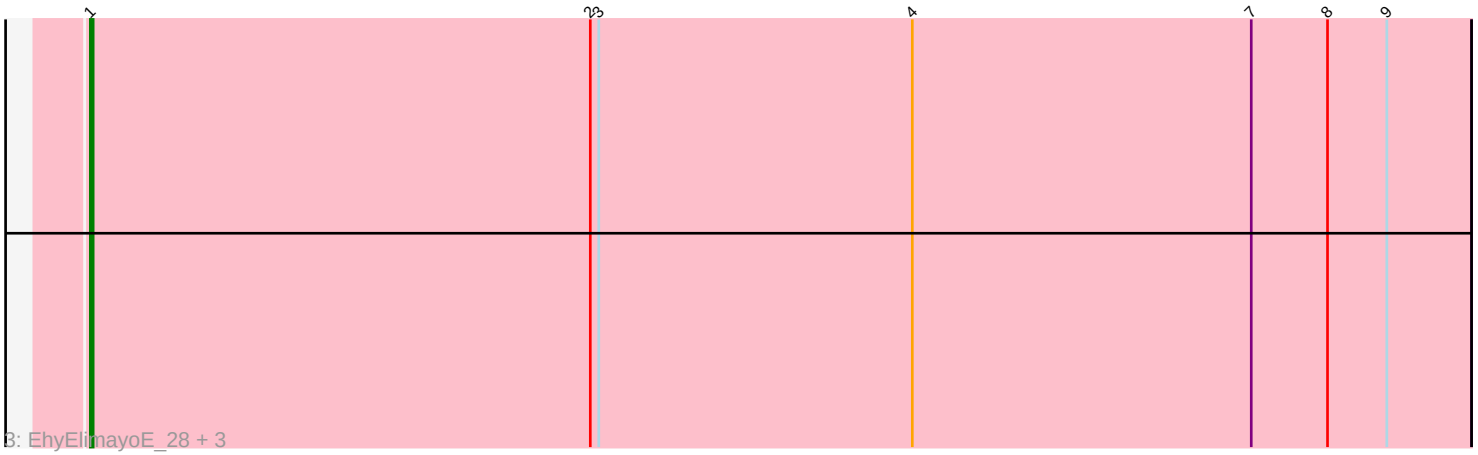
Pham 200916


1
4
5
6
8
9
1: Kela_24 + 1


1
2
4
9
2: Frankenweenie_33 + 1


1
23
4
7
8
9
3: EhyElimayoE_28 + 3

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 200916 Report

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

Pham number 200916 has 8 members, 1 are drafts.

Phages represented in each track:
• Track 1 : Kela_24, JustBecause_24
• Track 2 : Frankenweenie_33, Nirvana_32
• Track 3 : EhyElimayoE_28, Kradal_28, Quantum_27, Satis_28

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 7 of the 7 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• EhyElimayoE_28, Frankenweenie_33, JustBecause_24, Kela_24, Kradal_28, Nirvana_32, Quantum_27, Satis_28,

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 8 of 8 (100.0%) of genes in pham
• Manual Annotations of this start: 7 of 7
• Called 100.0% of time when present
• Phage (with cluster) where this start called: EhyElimayoE_28 (BM), Frankenweenie_33 (BM), JustBecause_24 (BM), Kela_24 (BM), Kradal_28 (BM), Nirvana_32 (BM), Quantum_27 (BM), Satis_28 (BM),

Summary by clusters:

There is one cluster represented in this pham: BM

Info for manual annotations of cluster BM:

•Start number 1 was manually annotated 7 times for cluster BM.

Gene Information:

Gene: EhyElimayoE_28 Start: 16404, Stop: 16892, Start Num: 1
Candidate Starts for EhyElimayoE_28:
(Start: 1 @16404 has 7 MA's), (2, 16581), (3, 16584), (4, 16695), (7, 16815), (8, 16842), (9, 16863),

Gene: Frankenweenie_33 Start: 18291, Stop: 18779, Start Num: 1
Candidate Starts for Frankenweenie_33:
(Start: 1 @18291 has 7 MA's), (2, 18468), (4, 18582), (9, 18750),

Gene: JustBecause_24 Start: 15143, Stop: 15631, Start Num: 1
Candidate Starts for JustBecause_24:
(Start: 1 @15143 has 7 MA's), (4, 15434), (5, 15506), (6, 15527), (8, 15581), (9, 15602),

Gene: Kela_24 Start: 15134, Stop: 15622, Start Num: 1
Candidate Starts for Kela_24:
(Start: 1 @15134 has 7 MA's), (4, 15425), (5, 15497), (6, 15518), (8, 15572), (9, 15593),

Gene: Kradal_28 Start: 16404, Stop: 16892, Start Num: 1
Candidate Starts for Kradal_28:
(Start: 1 @16404 has 7 MA's), (2, 16581), (3, 16584), (4, 16695), (7, 16815), (8, 16842), (9, 16863),

Gene: Nirvana_32 Start: 18488, Stop: 18976, Start Num: 1
Candidate Starts for Nirvana_32:
(Start: 1 @18488 has 7 MA's), (2, 18665), (4, 18779), (9, 18947),

Gene: Quantum_27 Start: 16404, Stop: 16892, Start Num: 1
Candidate Starts for Quantum_27:
(Start: 1 @16404 has 7 MA's), (2, 16581), (3, 16584), (4, 16695), (7, 16815), (8, 16842), (9, 16863),

Gene: Satis_28 Start: 16400, Stop: 16888, Start Num: 1
Candidate Starts for Satis_28:
(Start: 1 @16400 has 7 MA's), (2, 16577), (3, 16580), (4, 16691), (7, 16811), (8, 16838), (9, 16859),