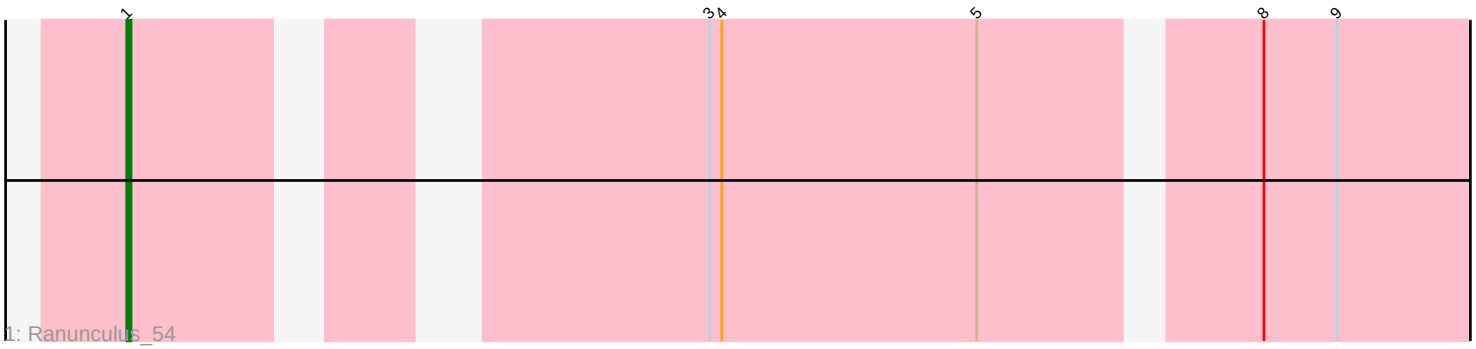
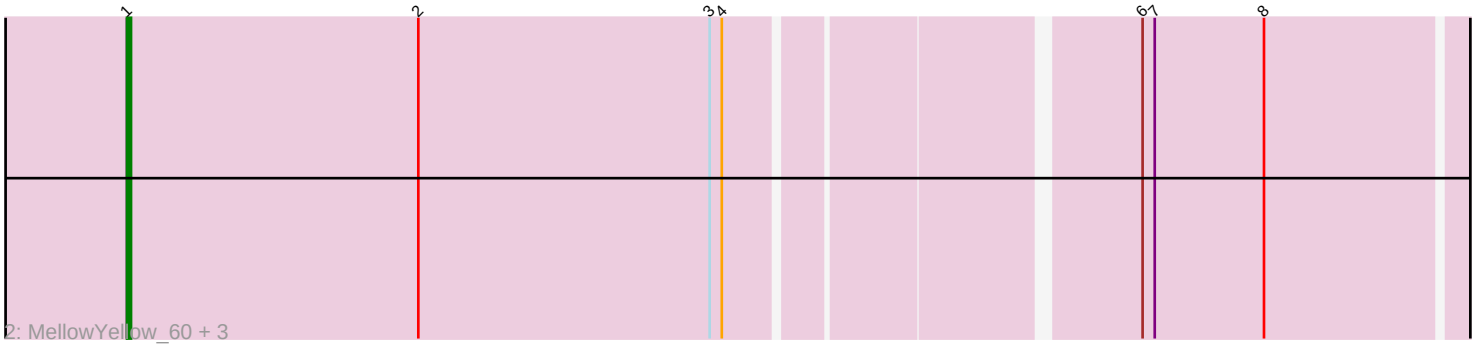
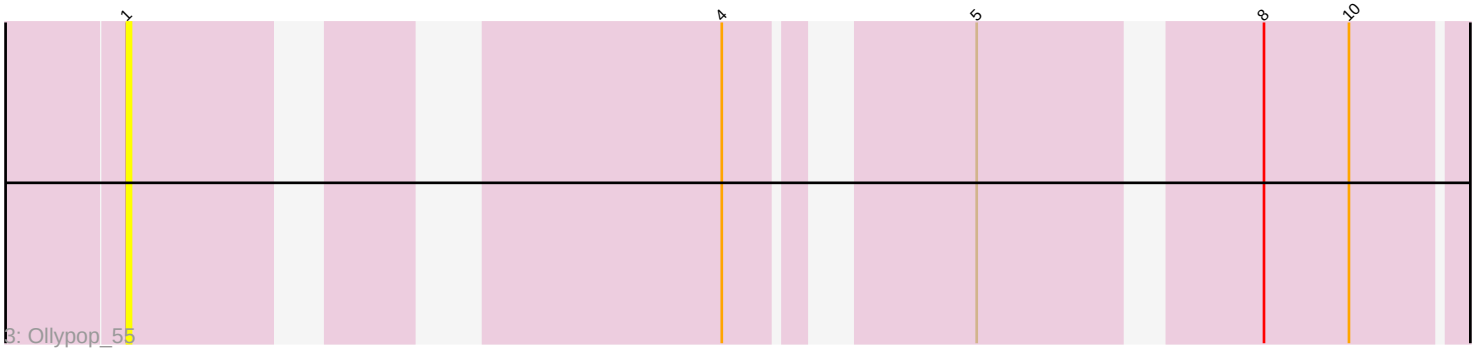
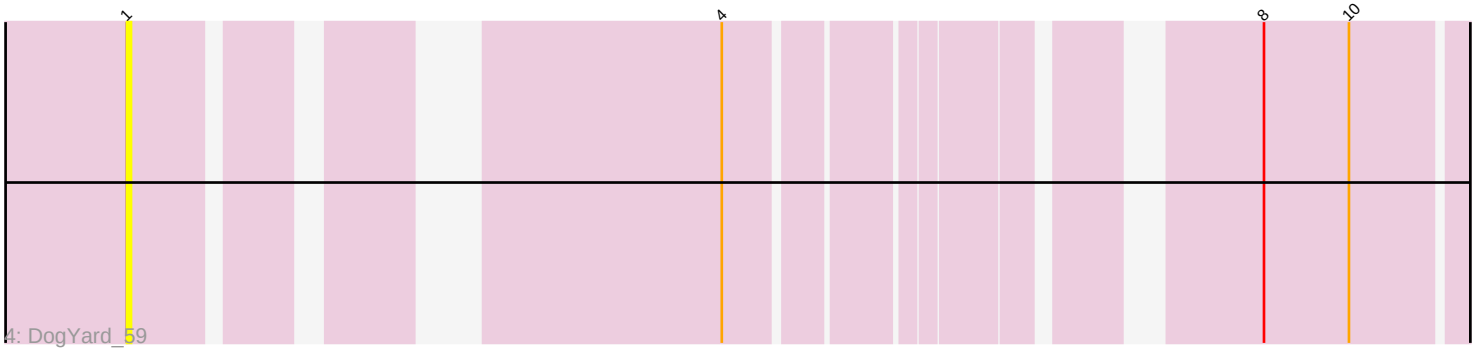
Pham 198818


1
3
4
5
8
9
1: Ranunculus_54


1
2
3
4
6
7
8
2: MellowYellow_60 + 3


1
4
5
8
10
3: Ollypop_55


1
4
8
10
4: DogYard_59

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 198818 Report

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

Pham number 198818 has 7 members, 5 are drafts.

Phages represented in each track:
• Track 1 : Ranunculus_54
• Track 2 : MellowYellow_60, RazzB_56, NyleyClemson_59, Forrestell_57
• Track 3 : Ollypop_55
• Track 4 : DogYard_59

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 2 of the 2 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• DogYard_59, Forrestell_57, MellowYellow_60, NyleyClemson_59, Ollypop_55, Ranunculus_54, RazzB_56,

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 7 of 7 (100.0%) of genes in pham
• Manual Annotations of this start: 2 of 2
• Called 100.0% of time when present
• Phage (with cluster) where this start called: DogYard_59 (AP2), Forrestell_57 (AP2), MellowYellow_60 (AP2), NyleyClemson_59 (AP2), Ollypop_55 (AP2), Ranunculus_54 (AP), RazzB_56 (AP2),

Summary by clusters:

There are 2 clusters represented in this pham: AP2, AP,

Info for manual annotations of cluster AP:
•Start number 1 was manually annotated 1 time for cluster AP.

Info for manual annotations of cluster AP2:
•Start number 1 was manually annotated 1 time for cluster AP2.

Gene Information:

Gene: DogYard_59 Start: 41278, Stop: 40985, Start Num: 1
Candidate Starts for DogYard_59:
(Start: 1 @41278 has 2 MA's), (4, 41161), (8, 41053), (10, 41032),

Gene: Forrestell_57 Start: 40182, Stop: 39844, Start Num: 1
Candidate Starts for Forrestell_57:
(Start: 1 @40182 has 2 MA's), (2, 40110), (3, 40038), (4, 40035), (6, 39942), (7, 39939), (8, 39912),

Gene: MellowYellow_60 Start: 40643, Stop: 40305, Start Num: 1
Candidate Starts for MellowYellow_60:
(Start: 1 @40643 has 2 MA's), (2, 40571), (3, 40499), (4, 40496), (6, 40403), (7, 40400), (8, 40373),

Gene: NyleyClemson_59 Start: 40258, Stop: 39920, Start Num: 1
Candidate Starts for NyleyClemson_59:
(Start: 1 @40258 has 2 MA's), (2, 40186), (3, 40114), (4, 40111), (6, 40018), (7, 40015), (8, 39988),

Gene: Ollypop_55 Start: 41285, Stop: 40992, Start Num: 1
Candidate Starts for Ollypop_55:
(Start: 1 @41285 has 2 MA's), (4, 41168), (5, 41120), (8, 41060), (10, 41039),

Gene: Ranunculus_54 Start: 43610, Stop: 43299, Start Num: 1
Candidate Starts for Ranunculus_54:
(Start: 1 @43610 has 2 MA's), (3, 43496), (4, 43493), (5, 43430), (8, 43370), (9, 43352),

Gene: RazzB_56 Start: 40389, Stop: 40051, Start Num: 1
Candidate Starts for RazzB_56:
(Start: 1 @40389 has 2 MA's), (2, 40317), (3, 40245), (4, 40242), (6, 40149), (7, 40146), (8, 40119),