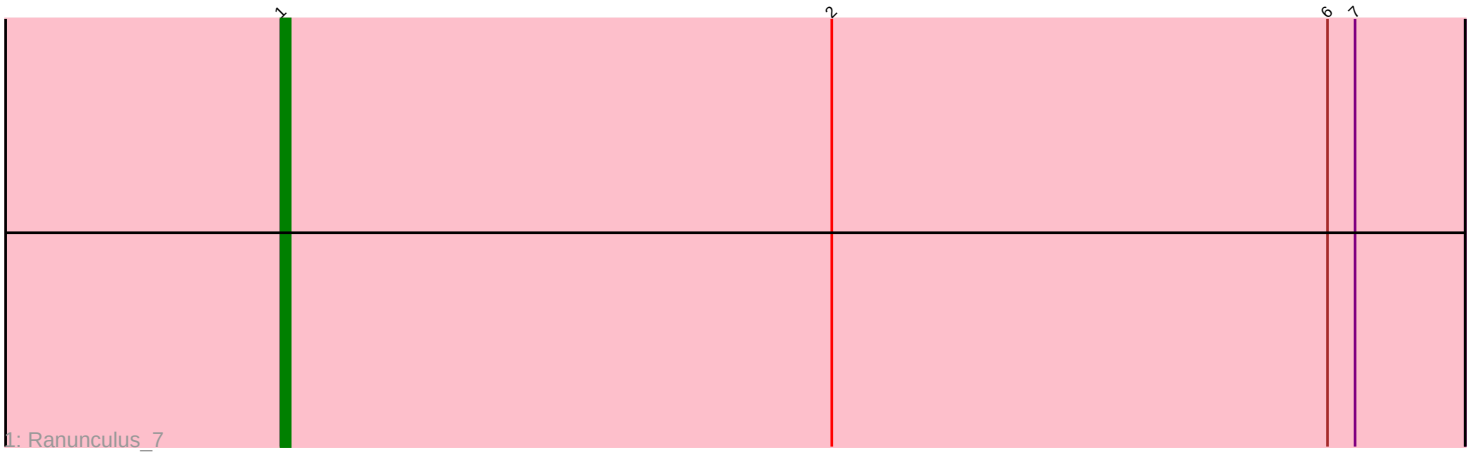
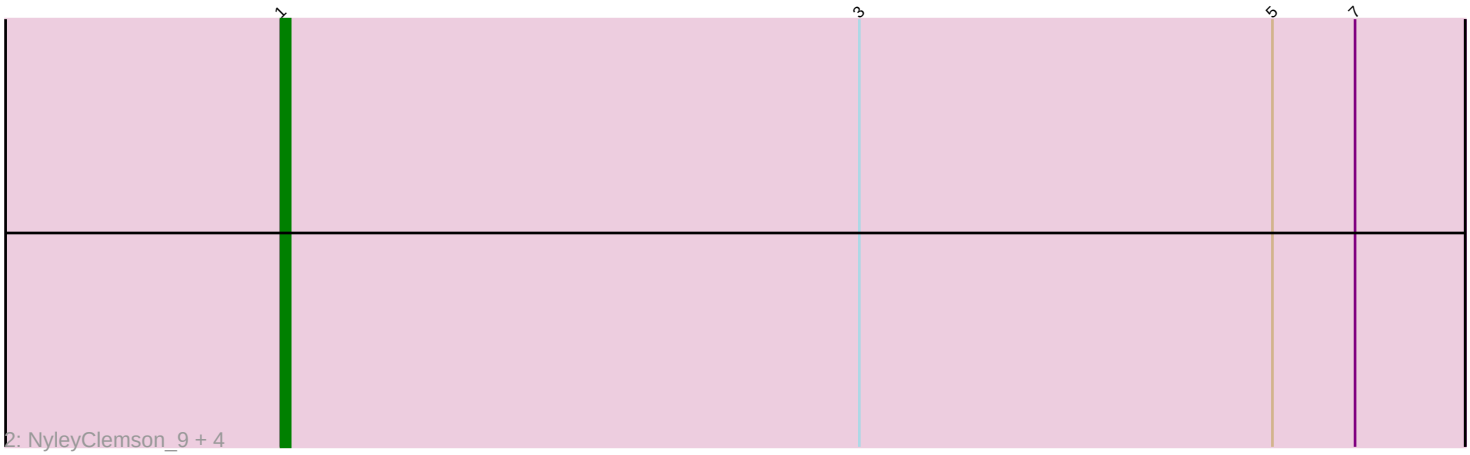
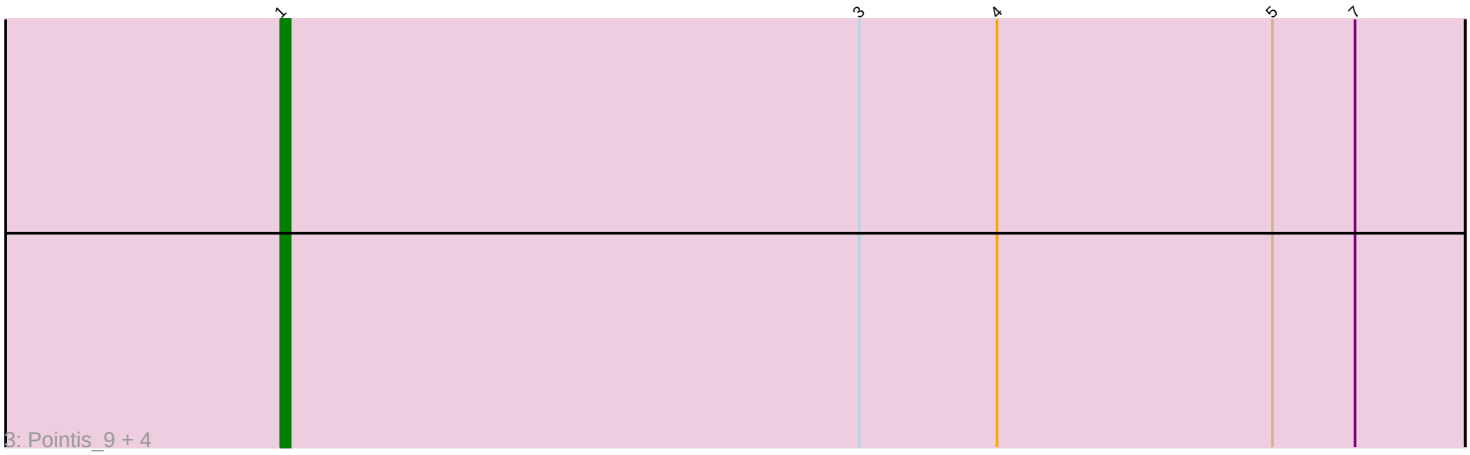
Pham 214853


1
2
6
7
1: Ranunculus_7


1
3
5
7
2: NyleyClemson_9 + 4


1
3
4
5
7
3: Pointis_9 + 4

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 214853 Report

This analysis was run 02/22/25 on database version 588.

Pham number 214853 has 11 members, 5 are drafts.

Phages represented in each track:
• Track 1 : Ranunculus_7
• Track 2 : NyleyClemson_9, Forrestell_8, MellowYellow_9, Beagle_11, Kubulix_9
• Track 3 : Pointis_9, Pureglobe5_11, RazzB_7, DogYard_8, Odyssey395_11

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 6 of the 6 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Beagle_11, DogYard_8, Forrestell_8, Kubulix_9, MellowYellow_9, NyleyClemson_9, Odyssey395_11, Pointis_9, Pureglobe5_11, Ranunculus_7, RazzB_7,

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 11 of 11 (100.0%) of genes in pham
• Manual Annotations of this start: 6 of 6
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Beagle_11 (AP2), DogYard_8 (AP2), Forrestell_8 (AP2), Kubulix_9 (AP2), MellowYellow_9 (AP2), NyleyClemson_9 (AP2), Odyssey395_11 (AP2), Pointis_9 (AP2), Pureglobe5_11 (AP2), Ranunculus_7 (AP), RazzB_7 (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 5 times for cluster AP2.

Gene Information:

Gene: Beagle_11 Start: 3992, Stop: 4120, Start Num: 1
Candidate Starts for Beagle_11:
(Start: 1 @3992 has 6 MA's), (3, 4055), (5, 4100), (7, 4109),

Gene: DogYard_8 Start: 3868, Stop: 3996, Start Num: 1
Candidate Starts for DogYard_8:
(Start: 1 @3868 has 6 MA's), (3, 3931), (4, 3946), (5, 3976), (7, 3985),

Gene: Forrestell_8 Start: 3572, Stop: 3700, Start Num: 1
Candidate Starts for Forrestell_8:
(Start: 1 @3572 has 6 MA's), (3, 3635), (5, 3680), (7, 3689),

Gene: Kubulix_9 Start: 3997, Stop: 4125, Start Num: 1
Candidate Starts for Kubulix_9:
(Start: 1 @3997 has 6 MA's), (3, 4060), (5, 4105), (7, 4114),

Gene: MellowYellow_9 Start: 3602, Stop: 3730, Start Num: 1
Candidate Starts for MellowYellow_9:
(Start: 1 @3602 has 6 MA's), (3, 3665), (5, 3710), (7, 3719),

Gene: NyleyClemson_9 Start: 3544, Stop: 3672, Start Num: 1
Candidate Starts for NyleyClemson_9:
(Start: 1 @3544 has 6 MA's), (3, 3607), (5, 3652), (7, 3661),

Gene: Odyssey395_11 Start: 3996, Stop: 4124, Start Num: 1
Candidate Starts for Odyssey395_11:
(Start: 1 @3996 has 6 MA's), (3, 4059), (4, 4074), (5, 4104), (7, 4113),

Gene: Pointis_9 Start: 3997, Stop: 4125, Start Num: 1
Candidate Starts for Pointis_9:
(Start: 1 @3997 has 6 MA's), (3, 4060), (4, 4075), (5, 4105), (7, 4114),

Gene: Pureglobe5_11 Start: 4010, Stop: 4138, Start Num: 1
Candidate Starts for Pureglobe5_11:
(Start: 1 @4010 has 6 MA's), (3, 4073), (4, 4088), (5, 4118), (7, 4127),

Gene: Ranunculus_7 Start: 3578, Stop: 3706, Start Num: 1
Candidate Starts for Ranunculus_7:
(Start: 1 @3578 has 6 MA's), (2, 3638), (6, 3692), (7, 3695),

Gene: RazzB_7 Start: 3372, Stop: 3500, Start Num: 1
Candidate Starts for RazzB_7:
(Start: 1 @3372 has 6 MA's), (3, 3435), (4, 3450), (5, 3480), (7, 3489),