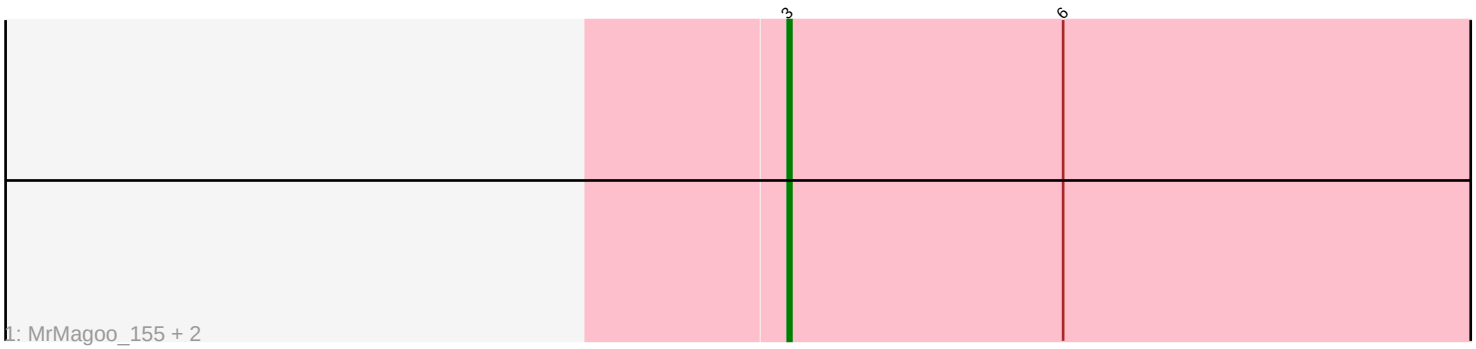
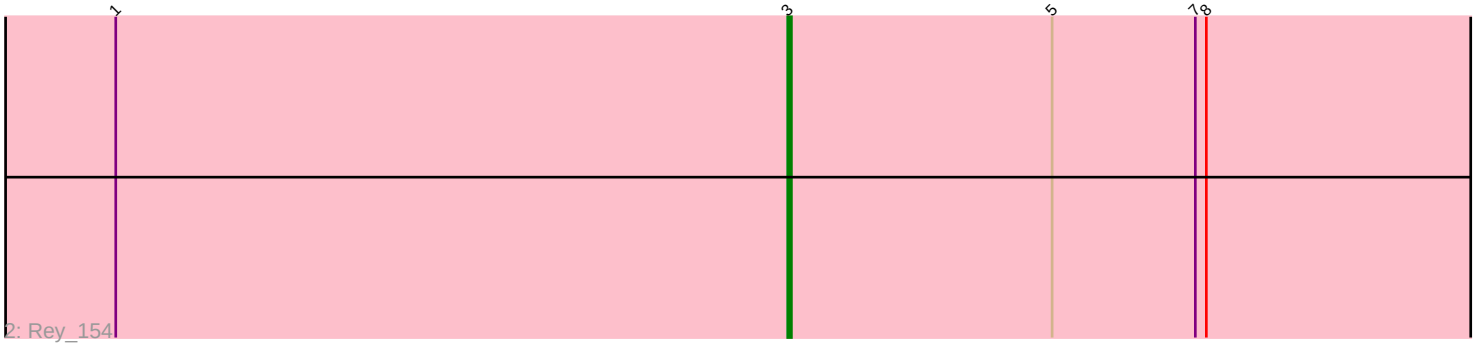
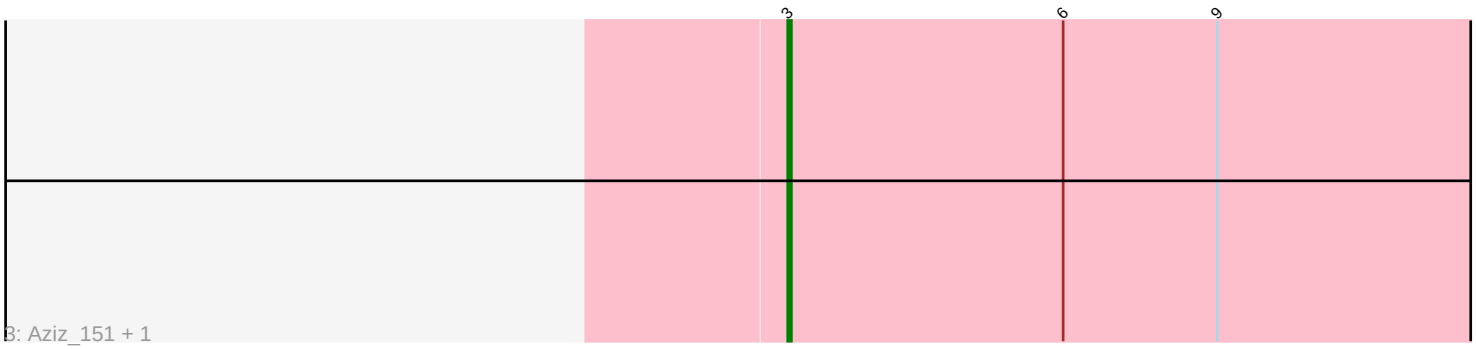
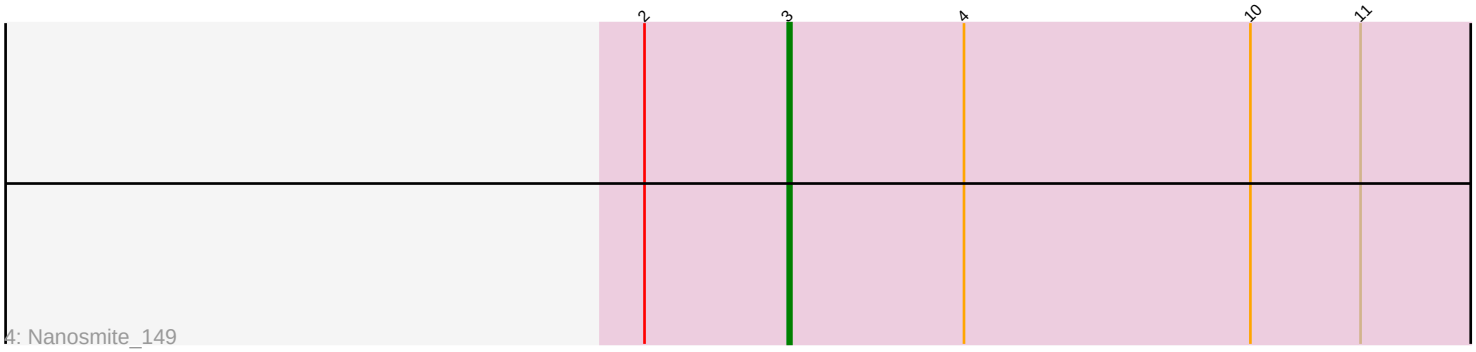
Pham 344744


3
6
1: MrMagoo_155 + 2


1
3
5
7
8
2: Rey_154


3
6
9
3: Aziz_151 + 1


2
3
4
10
11
4: Nanosmite_149

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 344744 Report

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

Pham number 344744 has 7 members, 0 are drafts.

Phages represented in each track:
• Track 1 : MrMagoo_155, GardenSalsa_153, Estes_153
• Track 2 : Rey_154
• Track 3 : Aziz_151, GenevaB15_154
• Track 4 : Nanosmite_149

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

The start number called the most often in the published annotations is 3, it was called in 7 of the 7 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Aziz_151, Estes_153, GardenSalsa_153, GenevaB15_154, MrMagoo_155, Nanosmite_149, Rey_154,

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 3:
• Found in 7 of 7 (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: Aziz_151 (M2), Estes_153 (M2), GardenSalsa_153 (M2), GenevaB15_154 (M2), MrMagoo_155 (M2), Nanosmite_149 (M3), Rey_154 (M2),

Summary by clusters:

There are 2 clusters represented in this pham: M3, M2,

Info for manual annotations of cluster M2:
•Start number 3 was manually annotated 6 times for cluster M2.

Info for manual annotations of cluster M3:
•Start number 3 was manually annotated 1 time for cluster M3.

Gene Information:

Gene: Aziz_151 Start: 73231, Stop: 73019, Start Num: 3
Candidate Starts for Aziz_151:
(Start: 3 @73231 has 7 MA's), (6, 73156), (9, 73114),

Gene: Estes_153 Start: 73600, Stop: 73388, Start Num: 3
Candidate Starts for Estes_153:
(Start: 3 @73600 has 7 MA's), (6, 73525),

Gene: GardenSalsa_153 Start: 73767, Stop: 73555, Start Num: 3
Candidate Starts for GardenSalsa_153:
(Start: 3 @73767 has 7 MA's), (6, 73692),

Gene: GenevaB15_154 Start: 73231, Stop: 73019, Start Num: 3
Candidate Starts for GenevaB15_154:
(Start: 3 @73231 has 7 MA's), (6, 73156), (9, 73114),

Gene: MrMagoo_155 Start: 73768, Stop: 73556, Start Num: 3
Candidate Starts for MrMagoo_155:
(Start: 3 @73768 has 7 MA's), (6, 73693),

Gene: Nanosmite_149 Start: 73267, Stop: 73058, Start Num: 3
Candidate Starts for Nanosmite_149:
(2, 73306), (Start: 3 @73267 has 7 MA's), (4, 73219), (10, 73141), (11, 73111),

Gene: Rey_154 Start: 73018, Stop: 72806, Start Num: 3
Candidate Starts for Rey_154:
(1, 73201), (Start: 3 @73018 has 7 MA's), (5, 72946), (7, 72907), (8, 72904),