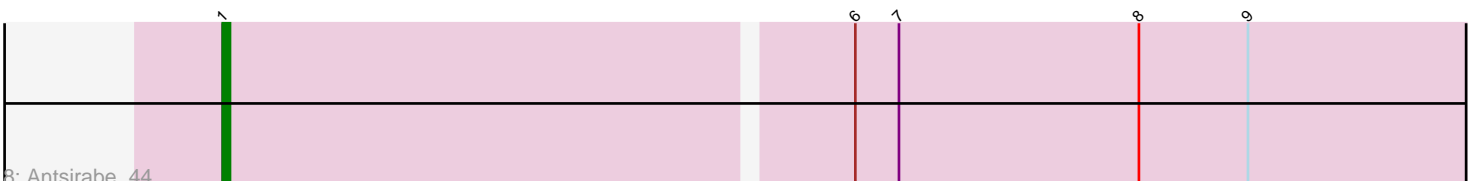
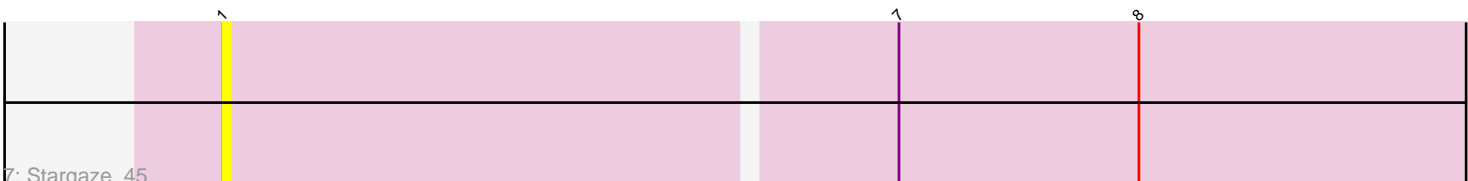
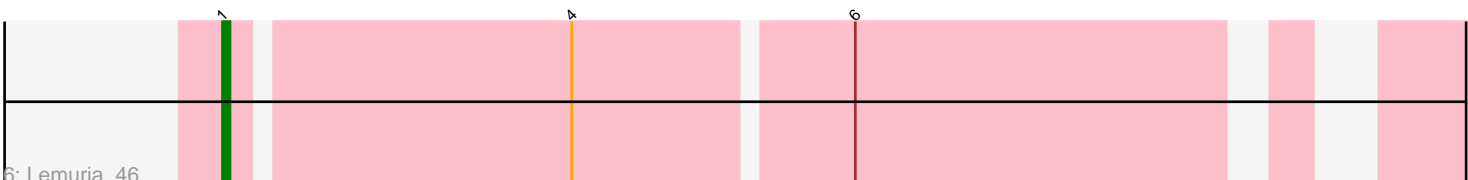
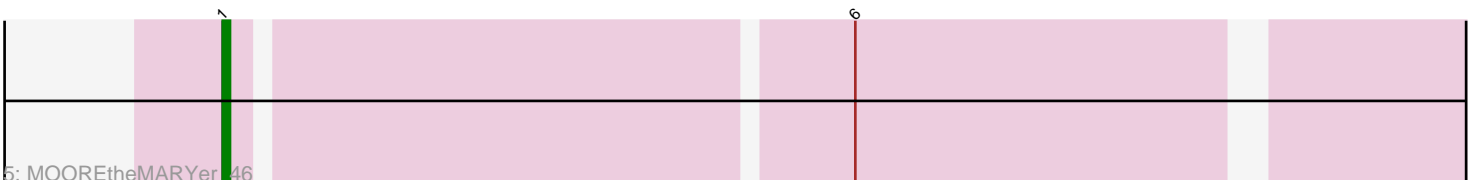
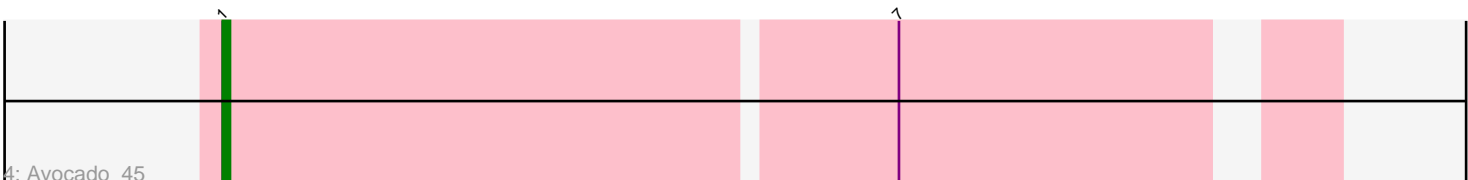


Pham 150938



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 150938 Report

This analysis was run 04/28/24 on database version 559.

Pham number 150938 has 10 members, 1 are drafts.

Phages represented in each track:

- Track 1 : Farewell_35, Sparky_35
- Track 2 : Rabbs_45, Sneeze_45
- Track 3 : Paito_45
- Track 4 : Avocado_45
- Track 5 : MOOREtheMARYer_46
- Track 6 : Lemuria_46
- Track 7 : Stargaze_45
- Track 8 : Antsirabe_44

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 9 non-draft genes in the pham.

Genes that call this "Most Annotated" start:

- Antsirabe_44, Avocado_45, Lemuria_46, MOOREtheMARYer_46, Paito_45, Rabbs_45, Sneeze_45, Stargaze_45,

Genes that have the "Most Annotated" start but do not call it:

-

Genes that do not have the "Most Annotated" start:

- Farewell_35, Sparky_35,

Summary by start number:

Start 1:

- Found in 8 of 10 (80.0%) of genes in pham
- Manual Annotations of this start: 7 of 9
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Antsirabe_44 (G5), Avocado_45 (G2), Lemuria_46 (G4), MOOREtheMARYer_46 (G3), Paito_45 (G1), Rabbs_45 (G1), Sneeze_45 (G1), Stargaze_45 (G5),

Start 2:

- Found in 2 of 10 (20.0%) of genes in pham
- Manual Annotations of this start: 2 of 9
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Farewell_35 (AF), Sparky_35 (AF),

Summary by clusters:

There are 6 clusters represented in this pham: G5, G4, G3, G2, G1, AF,

Info for manual annotations of cluster AF:

- Start number 2 was manually annotated 2 times for cluster AF.

Info for manual annotations of cluster G1:

- Start number 1 was manually annotated 3 times for cluster G1.

Info for manual annotations of cluster G2:

- Start number 1 was manually annotated 1 time for cluster G2.

Info for manual annotations of cluster G3:

- Start number 1 was manually annotated 1 time for cluster G3.

Info for manual annotations of cluster G4:

- Start number 1 was manually annotated 1 time for cluster G4.

Info for manual annotations of cluster G5:

- Start number 1 was manually annotated 1 time for cluster G5.

Gene Information:

Gene: Antsirabe_44 Start: 35427, Stop: 35603, Start Num: 1

Candidate Starts for Antsirabe_44:

(Start: 1 @35427 has 7 MA's), (6, 35511), (7, 35517), (8, 35550), (9, 35565),

Gene: Avocado_45 Start: 36502, Stop: 36645, Start Num: 1

Candidate Starts for Avocado_45:

(Start: 1 @36502 has 7 MA's), (7, 36592),

Gene: Farewell_35 Start: 29074, Stop: 29211, Start Num: 2

Candidate Starts for Farewell_35:

(Start: 2 @29074 has 2 MA's), (3, 29104),

Gene: Lemuria_46 Start: 36326, Stop: 36478, Start Num: 1

Candidate Starts for Lemuria_46:

(Start: 1 @36326 has 7 MA's), (4, 36371), (6, 36407),

Gene: MOOREtheMARYer_46 Start: 35991, Stop: 36158, Start Num: 1

Candidate Starts for MOOREtheMARYer_46:

(Start: 1 @35991 has 7 MA's), (6, 36072),

Gene: Paito_45 Start: 34672, Stop: 34842, Start Num: 1

Candidate Starts for Paito_45:
(Start: 1 @34672 has 7 MA's),

Gene: Rabbs_45 Start: 34571, Stop: 34741, Start Num: 1
Candidate Starts for Rabbs_45:
(Start: 1 @34571 has 7 MA's), (5, 34625),

Gene: Sneeze_45 Start: 34570, Stop: 34740, Start Num: 1
Candidate Starts for Sneeze_45:
(Start: 1 @34570 has 7 MA's), (5, 34624),

Gene: Sparky_35 Start: 29110, Stop: 29247, Start Num: 2
Candidate Starts for Sparky_35:
(Start: 2 @29110 has 2 MA's), (3, 29140),

Gene: Stargaze_45 Start: 35672, Stop: 35848, Start Num: 1
Candidate Starts for Stargaze_45:
(Start: 1 @35672 has 7 MA's), (7, 35762), (8, 35795),