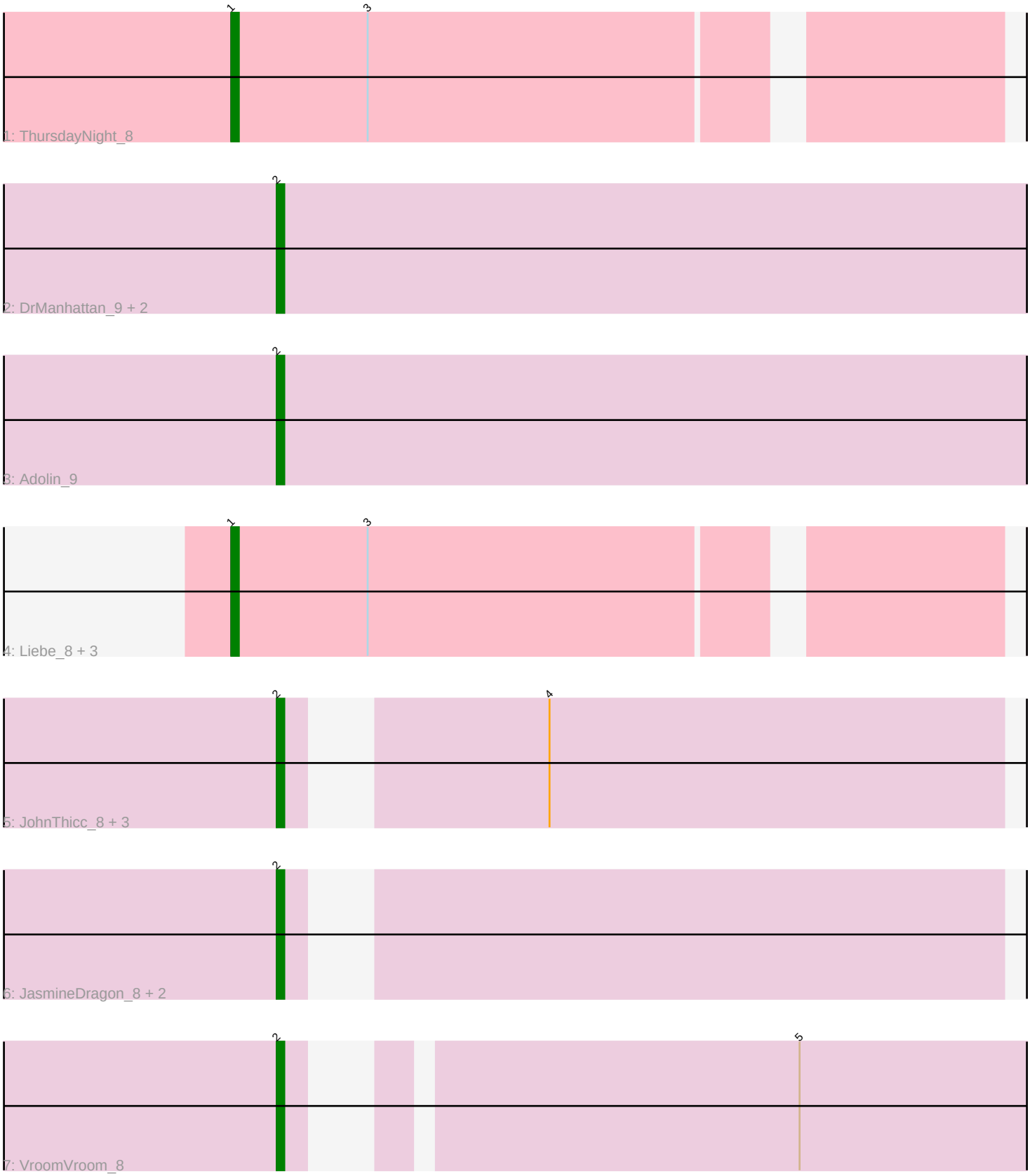
Pham 348106


1
3
1: ThursdayNight_8
2
2: DrManhattan_9 + 2
2
3: Adolin_9
1
3
4: Liebe_8 + 3
2
4
5: JohnThicc_8 + 3
2
6: JasmineDragon_8 + 2
2
5
7: VroomVroom_8

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 348106 Report

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

Pham number 348106 has 17 members, 2 are drafts.

Phages represented in each track:
• Track 1 : ThursdayNight_8
• Track 2 : DrManhattan_9, PandaPo_9, MissSwiss_9
• Track 3 : Adolin_9
• Track 4 : Liebe_8, Maureen_8, IUFootball_8, MaGuCo_8
• Track 5 : JohnThicc_8, Origami_8, LadyAstra_8, FiveHead_8
• Track 6 : JasmineDragon_8, MiniMommy_71, ShakeItOph_8
• Track 7 : VroomVroom_8

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

The start number called the most often in the published annotations is 2, it was called in 10 of the 15 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Adolin_9, DrManhattan_9, FiveHead_8, JasmineDragon_8, JohnThicc_8, LadyAstra_8, MiniMommy_71, MissSwiss_9, Origami_8, PandaPo_9, ShakeItOph_8, VroomVroom_8,

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

Genes that do not have the "Most Annotated" start:
• IUFootball_8, Liebe_8, MaGuCo_8, Maureen_8, ThursdayNight_8,

Summary by start number:

Start 1:
• Found in 5 of 17 (29.4%) of genes in pham
• Manual Annotations of this start: 5 of 15
• Called 100.0% of time when present
• Phage (with cluster) where this start called: IUFootball_8 (AZ2), Liebe_8 (AZ2), MaGuCo_8 (AZ2), Maureen_8 (AZ2), ThursdayNight_8 (AZ),

Start 2:

• Found in 12 of 17 (70.6%) of genes in pham
• Manual Annotations of this start: 10 of 15
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Adolin_9 (AZ1), DrManhattan_9 (AZ1), FiveHead_8 (AZ4), JasmineDragon_8 (AZ4), JohnThicc_8 (AZ4), LadyAstra_8 (AZ4), MiniMommy_71 (AZ4), MissSwiss_9 (AZ1), Origami_8 (AZ4), PandaPo_9 (AZ1), ShakeItOph_8 (AZ4), VroomVroom_8 (AZ4),

Summary by clusters:

There are 4 clusters represented in this pham: AZ1, AZ2, AZ, AZ4,

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

Info for manual annotations of cluster AZ1:
•Start number 2 was manually annotated 3 times for cluster AZ1.

Info for manual annotations of cluster AZ2:
•Start number 1 was manually annotated 4 times for cluster AZ2.

Info for manual annotations of cluster AZ4:
•Start number 2 was manually annotated 7 times for cluster AZ4.

Gene Information:

Gene: Adolin_9 Start: 8255, Stop: 8371, Start Num: 2
Candidate Starts for Adolin_9:
(Start: 2 @8255 has 10 MA's),

Gene: DrManhattan_9 Start: 8245, Stop: 8361, Start Num: 2
Candidate Starts for DrManhattan_9:
(Start: 2 @8245 has 10 MA's),

Gene: FiveHead_8 Start: 6566, Stop: 6658, Start Num: 2
Candidate Starts for FiveHead_8:
(Start: 2 @6566 has 10 MA's), (4, 6593),

Gene: IUFootball_8 Start: 6731, Stop: 6844, Start Num: 1
Candidate Starts for IUFootball_8:
(Start: 1 @6731 has 5 MA's), (3, 6749),

Gene: JasmineDragon_8 Start: 6570, Stop: 6671, Start Num: 2
Candidate Starts for JasmineDragon_8:
(Start: 2 @6570 has 10 MA's),

Gene: JohnThicc_8 Start: 6566, Stop: 6658, Start Num: 2
Candidate Starts for JohnThicc_8:
(Start: 2 @6566 has 10 MA's), (4, 6593),

Gene: LadyAstra_8 Start: 6566, Stop: 6658, Start Num: 2

Candidate Starts for LadyAstra_8:
(Start: 2 @6566 has 10 MA's), (4, 6593),

Gene: Liebe_8 Start: 6731, Stop: 6844, Start Num: 1
Candidate Starts for Liebe_8:
(Start: 1 @6731 has 5 MA's), (3, 6749),

Gene: MaGuCo_8 Start: 6590, Stop: 6703, Start Num: 1
Candidate Starts for MaGuCo_8:
(Start: 1 @6590 has 5 MA's), (3, 6608),

Gene: Maureen_8 Start: 6731, Stop: 6844, Start Num: 1
Candidate Starts for Maureen_8:
(Start: 1 @6731 has 5 MA's), (3, 6749),

Gene: MiniMommy_71 Start: 6570, Stop: 6671, Start Num: 2
Candidate Starts for MiniMommy_71:
(Start: 2 @6570 has 10 MA's),

Gene: MissSwiss_9 Start: 8258, Stop: 8365, Start Num: 2
Candidate Starts for MissSwiss_9:
(Start: 2 @8258 has 10 MA's),

Gene: Origami_8 Start: 6566, Stop: 6658, Start Num: 2
Candidate Starts for Origami_8:
(Start: 2 @6566 has 10 MA's), (4, 6593),

Gene: PandaPo_9 Start: 8258, Stop: 8365, Start Num: 2
Candidate Starts for PandaPo_9:
(Start: 2 @8258 has 10 MA's),

Gene: ShakeItOph_8 Start: 6570, Stop: 6671, Start Num: 2
Candidate Starts for ShakeItOph_8:
(Start: 2 @6570 has 10 MA's),

Gene: ThursdayNight_8 Start: 6783, Stop: 6902, Start Num: 1
Candidate Starts for ThursdayNight_8:
(Start: 1 @6783 has 5 MA's), (3, 6801),

Gene: VroomVroom_8 Start: 6582, Stop: 6683, Start Num: 2
Candidate Starts for VroomVroom_8:
(Start: 2 @6582 has 10 MA's), (5, 6639),