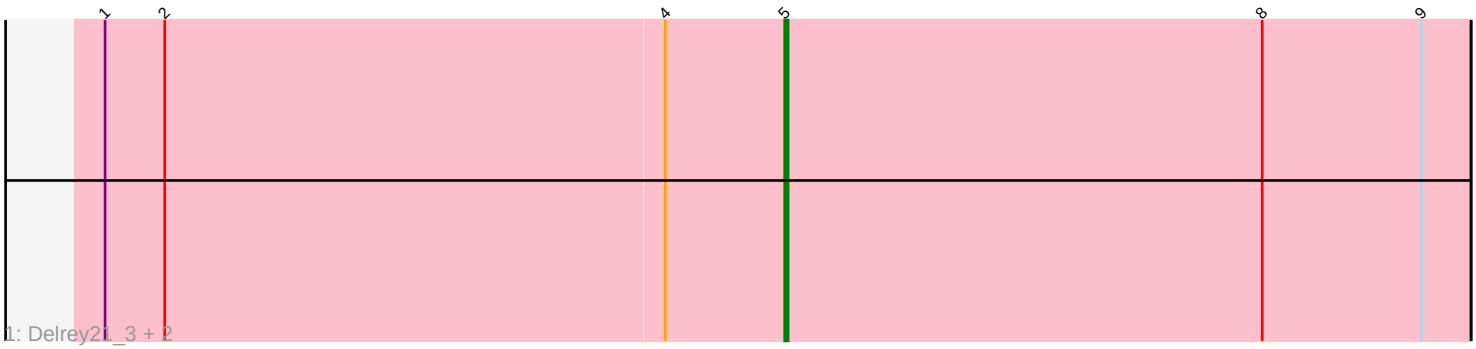
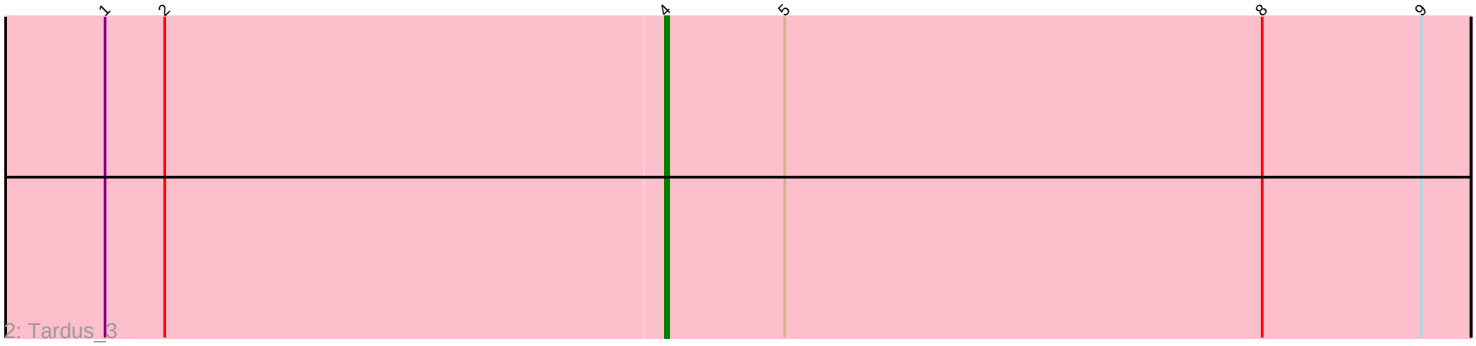
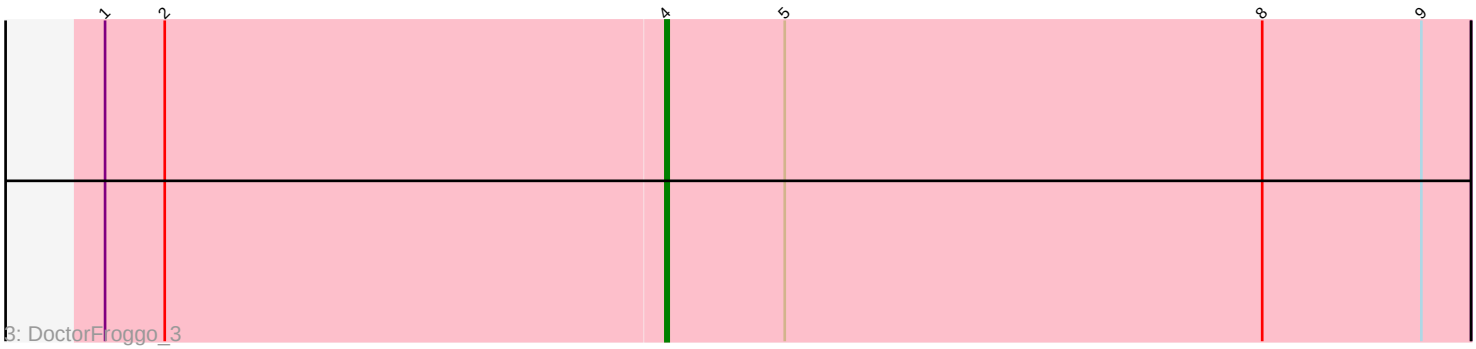
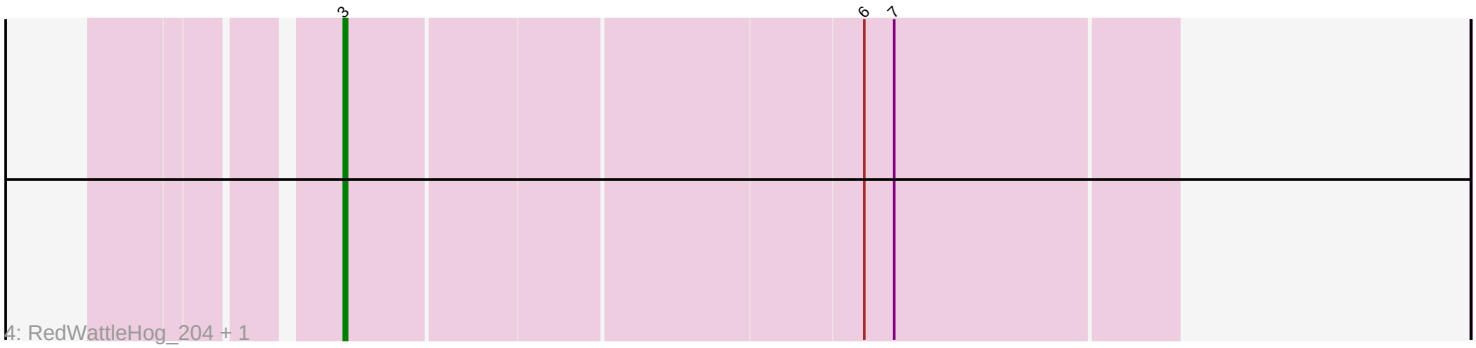
Pham 344727


1
2
4
5
8
9
1: Delrey21_3 + 2


1
2
4
5
8
9
2: Tardus_3


1
2
4
5
8
9
3: DoctorFroggo_3


3
6
7
4: RedWattleHog_204 + 1

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 344727 Report

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

Pham number 344727 has 7 members, 1 are drafts.

Phages represented in each track:
• Track 1 : Delrey21_3, Pumpkiney_3, Verity_3
• Track 2 : Tardus_3
• Track 3 : DoctorFroggo_3
• Track 4 : RedWattleHog_204, Stormageddon_205

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

The start number called the most often in the published annotations is 5, it was called in 2 of the 6 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Delrey21_3, Pumpkiney_3, Verity_3,

Genes that have the "Most Annotated" start but do not call it:
• DoctorFroggo_3, Tardus_3,

Genes that do not have the "Most Annotated" start:
• RedWattleHog_204, Stormageddon_205,

Summary by start number:

Start 3:
• Found in 2 of 7 (28.6%) of genes in pham
• Manual Annotations of this start: 2 of 6
• Called 100.0% of time when present
• Phage (with cluster) where this start called: RedWattleHog_204 (DX), Stormageddon_205 (DX),

Start 4:
• Found in 5 of 7 (71.4%) of genes in pham
• Manual Annotations of this start: 2 of 6
• Called 40.0% of time when present
• Phage (with cluster) where this start called: DoctorFroggo_3 (DE4), Tardus_3 (DE4),

Start 5:
• Found in 5 of 7 (71.4%) of genes in pham
• Manual Annotations of this start: 2 of 6
• Called 60.0% of time when present
• Phage (with cluster) where this start called: Delrey21_3 (DE4), Pumpkiney_3 (DE4), Verity_3 (DE4),

Summary by clusters:

There are 2 clusters represented in this pham: DE4, DX,

Info for manual annotations of cluster DE4:
•Start number 4 was manually annotated 2 times for cluster DE4.
•Start number 5 was manually annotated 2 times for cluster DE4.

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

Gene Information:

Gene: Delrey21_3 Start: 3169, Stop: 3375, Start Num: 5
Candidate Starts for Delrey21_3:
(1, 2965), (2, 2983), (Start: 4 @3133 has 2 MA's), (Start: 5 @3169 has 2 MA's), (8, 3313), (9, 3361),

Gene: DoctorFroggo_3 Start: 3133, Stop: 3375, Start Num: 4
Candidate Starts for DoctorFroggo_3:
(1, 2965), (2, 2983), (Start: 4 @3133 has 2 MA's), (Start: 5 @3169 has 2 MA's), (8, 3313), (9, 3361),

Gene: Pumpkiney_3 Start: 2188, Stop: 2394, Start Num: 5
Candidate Starts for Pumpkiney_3:
(1, 1984), (2, 2002), (Start: 4 @2152 has 2 MA's), (Start: 5 @2188 has 2 MA's), (8, 2332), (9, 2380),

Gene: RedWattleHog_204 Start: 124602, Stop: 124844, Start Num: 3
Candidate Starts for RedWattleHog_204:
(Start: 3 @124602 has 2 MA's), (6, 124752), (7, 124761),

Gene: Stormageddon_205 Start: 125549, Stop: 125791, Start Num: 3
Candidate Starts for Stormageddon_205:
(Start: 3 @125549 has 2 MA's), (6, 125699), (7, 125708),

Gene: Tardus_3 Start: 2152, Stop: 2394, Start Num: 4
Candidate Starts for Tardus_3:
(1, 1984), (2, 2002), (Start: 4 @2152 has 2 MA's), (Start: 5 @2188 has 2 MA's), (8, 2332), (9, 2380),

Gene: Verity_3 Start: 3169, Stop: 3375, Start Num: 5
Candidate Starts for Verity_3:
(1, 2965), (2, 2983), (Start: 4 @3133 has 2 MA's), (Start: 5 @3169 has 2 MA's), (8, 3313), (9, 3361),