Pham 194621

1: Kimona_71

2: DroogsArmy_71 + 1

3: Toro_74 + 1

4: PP_73

5: HINdeR_71
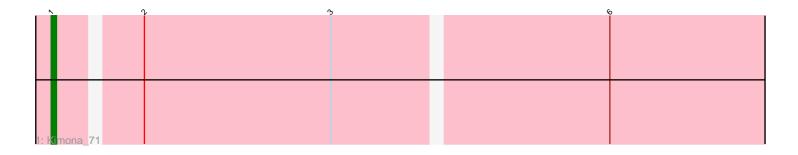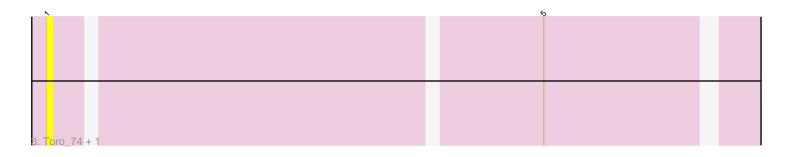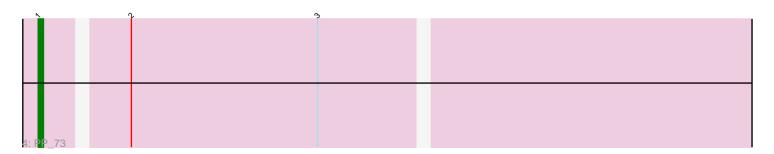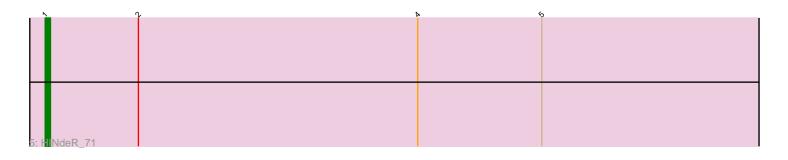
Note: Tracks are now grouped by subcluster and scaled. Switching in subcluster is indicated by changes in track color. Track scale is now set by default to display the region 30 bp upstream of start 1 to 30 bp downstream of the last possible start. If this default region is judged to be packed too tightly 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 194621 Report

This analysis was run 11/02/24 on database version 579.

Pham number 194621 has 7 members, 2 are drafts.

Phages represented in each track:
• Track 1 : Kimona_71
• Track 2 : DroogsArmy_71, Timshel_72
• Track 3 : Toro_74, FlyCatcher_76
• Track 4 : PP_73
• Track 5 : HINdeR_71

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 5 of the 5 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• DroogsArmy_71, FlyCatcher_76, HINdeR_71, Kimona_71, PP_73, Timshel_72, Toro_74,

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 7 of 7 (100.0%) of genes in pham
• Manual Annotations of this start: 5 of 5
• Called 100.0% of time when present
• Phage (with cluster) where this start called: DroogsArmy_71 (A7), FlyCatcher_76 (A7), HINdeR_71 (A7), Kimona_71 (A19), PP_73 (A7), Timshel_72 (A7), Toro_74 (A7),

Summary by clusters:

There are 2 clusters represented in this pham: A19, A7,

Info for manual annotations of cluster A19:
•Start number 1 was manually annotated 1 time for cluster A19.

Info for manual annotations of cluster A7:
•Start number 1 was manually annotated 4 times for cluster A7.

Gene Information:
Gene: DroogsArmy_71 Start: 47818, Stop: 47669, Start Num: 1
Candidate Starts for DroogsArmy_71:
(Start: 1 @47818 has 5 MA's), (2, 47803), (3, 47767), (4, 47749), (5, 47725),

Gene: FlyCatcher_76 Start: 48604, Stop: 48464, Start Num: 1
Candidate Starts for FlyCatcher_76:
(Start: 1 @48604 has 5 MA's), (5, 48514),

Gene: HINdeR_71 Start: 47193, Stop: 47041, Start Num: 1
Candidate Starts for HINdeR_71:
(Start: 1 @47193 has 5 MA's), (2, 47175), (4, 47121), (5, 47097),

Gene: Kimona_71 Start: 43589, Stop: 43443, Start Num: 1
Candidate Starts for Kimona_71:
(Start: 1 @43589 has 5 MA's), (2, 43574), (3, 43538), (6, 43487),

Gene: PP_73 Start: 49011, Stop: 48865, Start Num: 1
Candidate Starts for PP_73:
(Start: 1 @49011 has 5 MA's), (2, 48996), (3, 48960),

Gene: Timshel_72 Start: 47629, Stop: 47480, Start Num: 1
Candidate Starts for Timshel_72:
(Start: 1 @47629 has 5 MA's), (2, 47614), (3, 47578), (4, 47560), (5, 47536),

Gene: Toro_74 Start: 48604, Stop: 48464, Start Num: 1
Candidate Starts for Toro_74:
(Start: 1 @48604 has 5 MA's), (5, 48514),