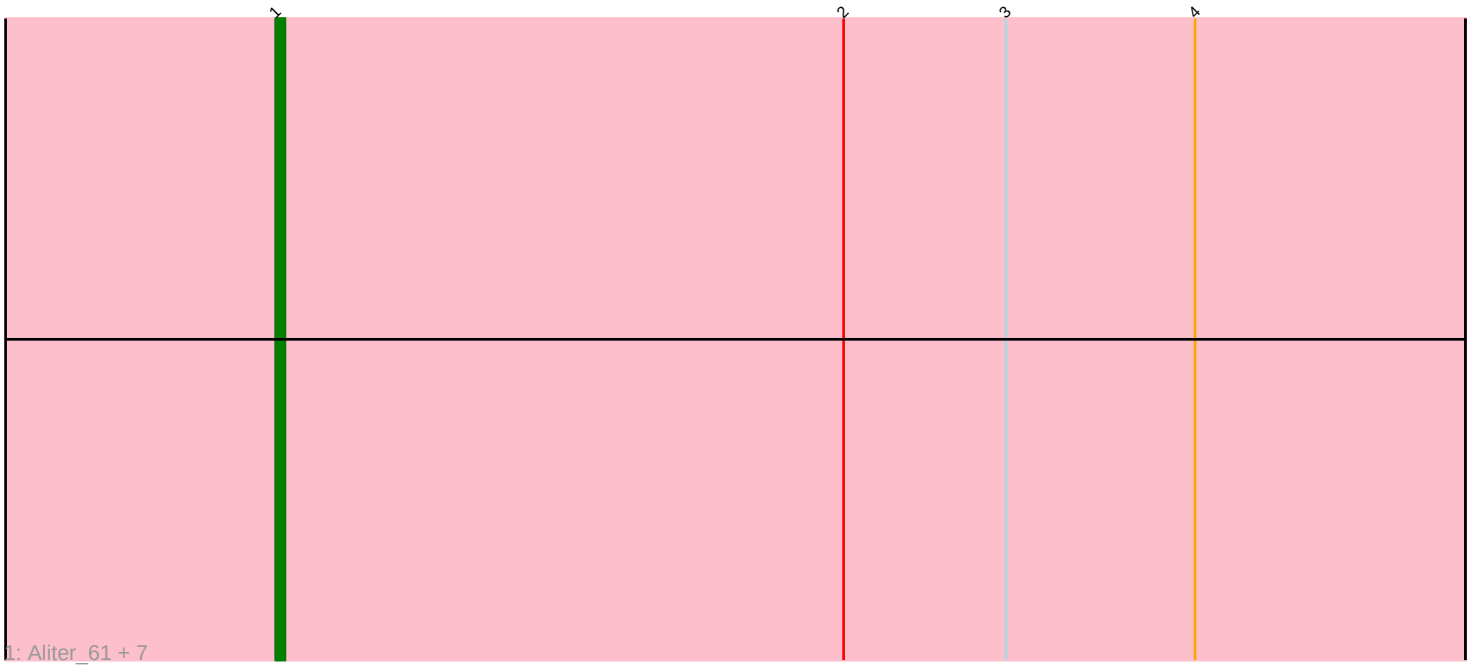
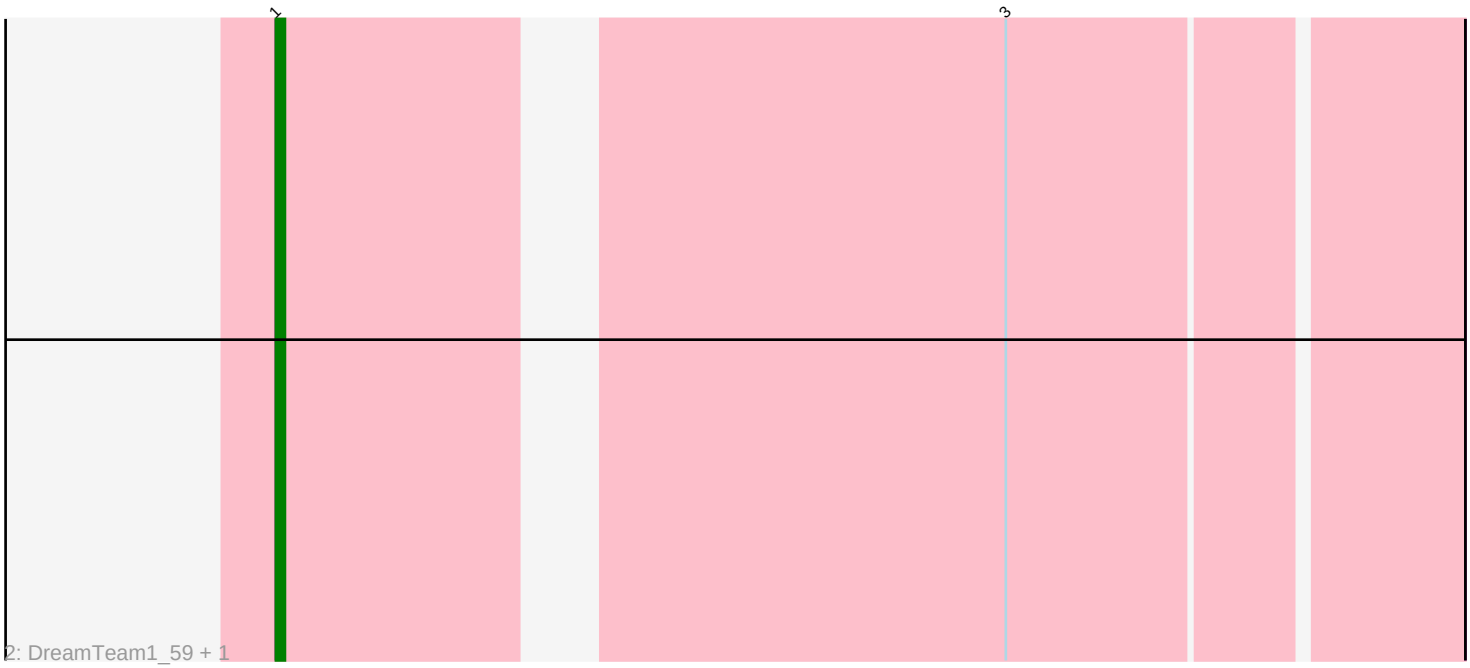
Pham 106809





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 106809 Report

This analysis was run 04/05/24 on database version 557.

Pham number 106809 has 10 members, 0 are drafts.

Phages represented in each track:
• Track 1 : Aliter_61, Phonnegut_61, Ugenie5_57, Pioneer_61, HortumSL17_61, Beemo_61, Catalina_62, Scherzo_61
• Track 2 : DreamTeam1_59, Charm_59

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 10 of the 10 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Aliter_61, Beemo_61, Catalina_62, Charm_59, DreamTeam1_59, HortumSL17_61, Phonnegut_61, Pioneer_61, Scherzo_61, Ugenie5_57,

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 10 of 10 (100.0%) of genes in pham
• Manual Annotations of this start: 10 of 10
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Aliter_61 (A9), Beemo_61 (A9), Catalina_62 (A9), Charm_59 (A9), DreamTeam1_59 (A9), HortumSL17_61 (A9), Phonnegut_61 (A9), Pioneer_61 (A9), Scherzo_61 (A9), Ugenie5_57 (A9),

Summary by clusters:

There is one cluster represented in this pham: A9

Info for manual annotations of cluster A9:

•Start number 1 was manually annotated 10 times for cluster A9.

Gene Information:

Gene: Aliter_61 Start: 39123, Stop: 38992, Start Num: 1
Candidate Starts for Aliter_61:
(Start: 1 @39123 has 10 MA's), (2, 39060), (3, 39042), (4, 39021),

Gene: Beemo_61 Start: 39293, Stop: 39162, Start Num: 1
Candidate Starts for Beemo_61:
(Start: 1 @39293 has 10 MA's), (2, 39230), (3, 39212), (4, 39191),

Gene: Catalina_62 Start: 39196, Stop: 39065, Start Num: 1
Candidate Starts for Catalina_62:
(Start: 1 @39196 has 10 MA's), (2, 39133), (3, 39115), (4, 39094),

Gene: Charm_59 Start: 39045, Stop: 38926, Start Num: 1
Candidate Starts for Charm_59:
(Start: 1 @39045 has 10 MA's), (3, 38973),

Gene: DreamTeam1_59 Start: 38877, Stop: 38758, Start Num: 1
Candidate Starts for DreamTeam1_59:
(Start: 1 @38877 has 10 MA's), (3, 38805),

Gene: HortumSL17_61 Start: 39195, Stop: 39064, Start Num: 1
Candidate Starts for HortumSL17_61:
(Start: 1 @39195 has 10 MA's), (2, 39132), (3, 39114), (4, 39093),

Gene: Phonnegut_61 Start: 39292, Stop: 39161, Start Num: 1
Candidate Starts for Phonnegut_61:
(Start: 1 @39292 has 10 MA's), (2, 39229), (3, 39211), (4, 39190),

Gene: Pioneer_61 Start: 39292, Stop: 39161, Start Num: 1
Candidate Starts for Pioneer_61:
(Start: 1 @39292 has 10 MA's), (2, 39229), (3, 39211), (4, 39190),

Gene: Scherzo_61 Start: 39481, Stop: 39350, Start Num: 1
Candidate Starts for Scherzo_61:
(Start: 1 @39481 has 10 MA's), (2, 39418), (3, 39400), (4, 39379),

Gene: Ugenie5_57 Start: 39480, Stop: 39349, Start Num: 1
Candidate Starts for Ugenie5_57:
(Start: 1 @39480 has 10 MA's), (2, 39417), (3, 39399), (4, 39378),