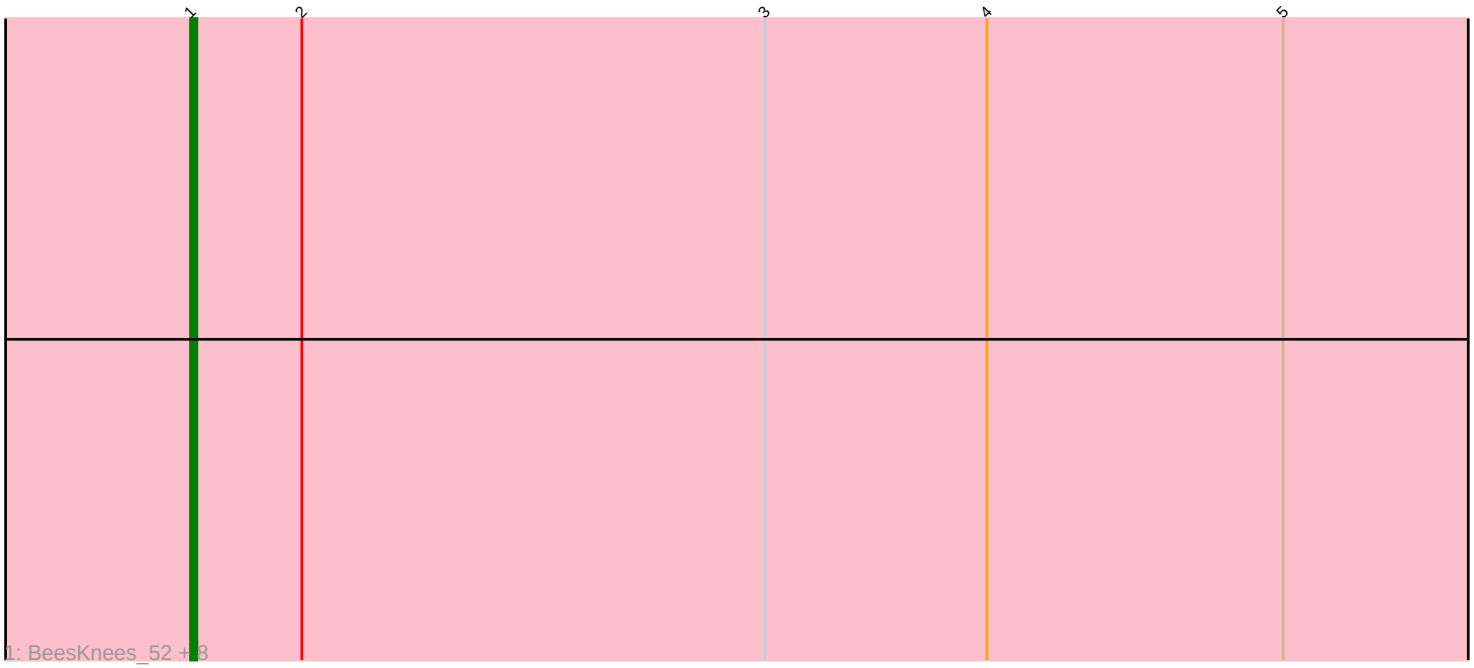
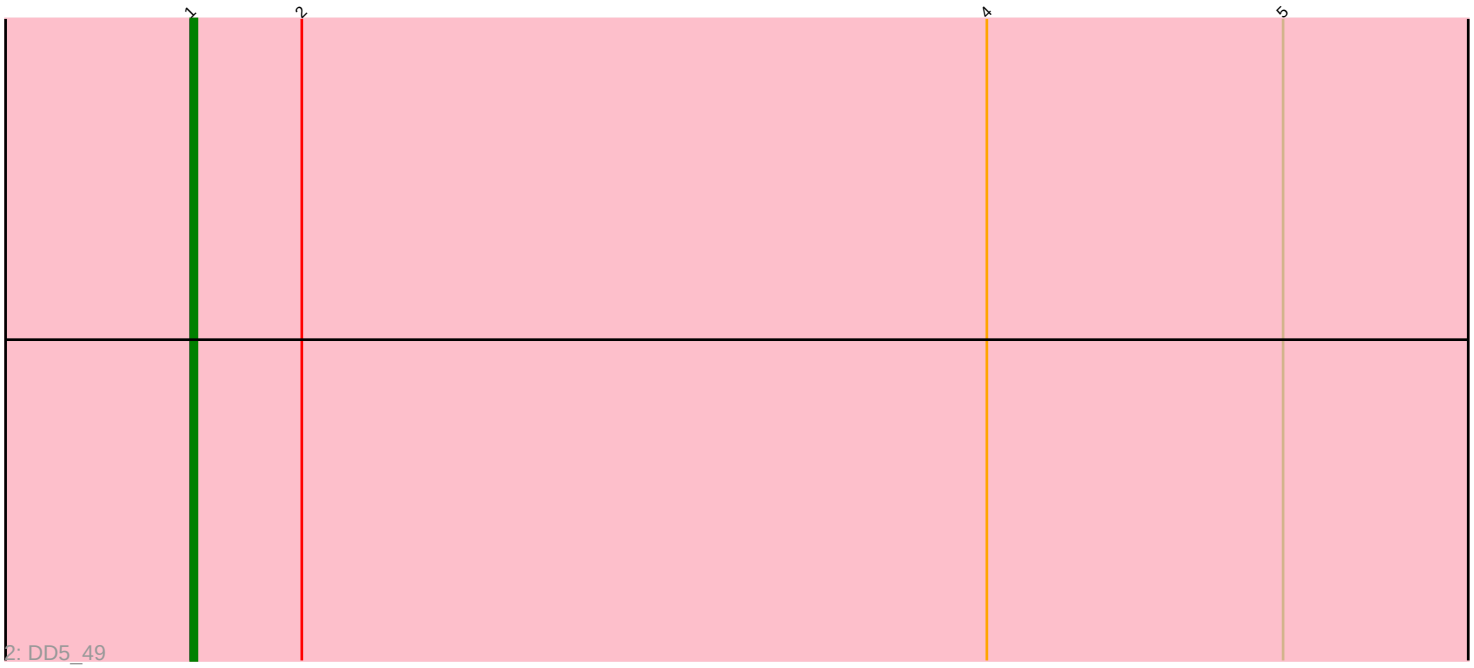
Pham 106803





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 106803 Report

This analysis was run 03/30/24 on database version 556.

Pham number 106803 has 10 members, 0 are drafts.

Phages represented in each track:
• Track 1 : BeesKnees_52, Nerujay_53, HanShotFirst_50, Killigrew_50, Sibs6_51, Sunshine924_51, JackSparrow_51, PinkPlastic_50, Briton15_53
• Track 2 : DD5_49

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:
• BeesKnees_52, Briton15_53, DD5_49, HanShotFirst_50, JackSparrow_51, Killigrew_50, Nerujay_53, PinkPlastic_50, Sibs6_51, Sunshine924_51,

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: BeesKnees_52 (A1), Briton15_53 (A1), DD5_49 (A1), HanShotFirst_50 (A1), JackSparrow_51 (A1), Killigrew_50 (A1), Nerujay_53 (A1), PinkPlastic_50 (A1), Sibs6_51 (A1), Sunshine924_51 (A1),

Summary by clusters:

There is one cluster represented in this pham: A1

Info for manual annotations of cluster A1:

•Start number 1 was manually annotated 10 times for cluster A1.

Gene Information:

Gene: BeesKnees_52 Start: 36978, Stop: 36769, Start Num: 1
Candidate Starts for BeesKnees_52:
(Start: 1 @36978 has 10 MA's), (2, 36960), (3, 36885), (4, 36849), (5, 36801),

Gene: Briton15_53 Start: 37204, Stop: 36995, Start Num: 1
Candidate Starts for Briton15_53:
(Start: 1 @37204 has 10 MA's), (2, 37186), (3, 37111), (4, 37075), (5, 37027),

Gene: DD5_49 Start: 37285, Stop: 37076, Start Num: 1
Candidate Starts for DD5_49:
(Start: 1 @37285 has 10 MA's), (2, 37267), (4, 37156), (5, 37108),

Gene: HanShotFirst_50 Start: 36276, Stop: 36067, Start Num: 1
Candidate Starts for HanShotFirst_50:
(Start: 1 @36276 has 10 MA's), (2, 36258), (3, 36183), (4, 36147), (5, 36099),

Gene: JackSparrow_51 Start: 37107, Stop: 36898, Start Num: 1
Candidate Starts for JackSparrow_51:
(Start: 1 @37107 has 10 MA's), (2, 37089), (3, 37014), (4, 36978), (5, 36930),

Gene: Killigrew_50 Start: 36805, Stop: 36596, Start Num: 1
Candidate Starts for Killigrew_50:
(Start: 1 @36805 has 10 MA's), (2, 36787), (3, 36712), (4, 36676), (5, 36628),

Gene: Nerujay_53 Start: 37646, Stop: 37437, Start Num: 1
Candidate Starts for Nerujay_53:
(Start: 1 @37646 has 10 MA's), (2, 37628), (3, 37553), (4, 37517), (5, 37469),

Gene: PinkPlastic_50 Start: 36596, Stop: 36387, Start Num: 1
Candidate Starts for PinkPlastic_50:
(Start: 1 @36596 has 10 MA's), (2, 36578), (3, 36503), (4, 36467), (5, 36419),

Gene: Sibs6_51 Start: 35660, Stop: 35451, Start Num: 1
Candidate Starts for Sibs6_51:
(Start: 1 @35660 has 10 MA's), (2, 35642), (3, 35567), (4, 35531), (5, 35483),

Gene: Sunshine924_51 Start: 36344, Stop: 36135, Start Num: 1
Candidate Starts for Sunshine924_51:
(Start: 1 @36344 has 10 MA's), (2, 36326), (3, 36251), (4, 36215), (5, 36167),