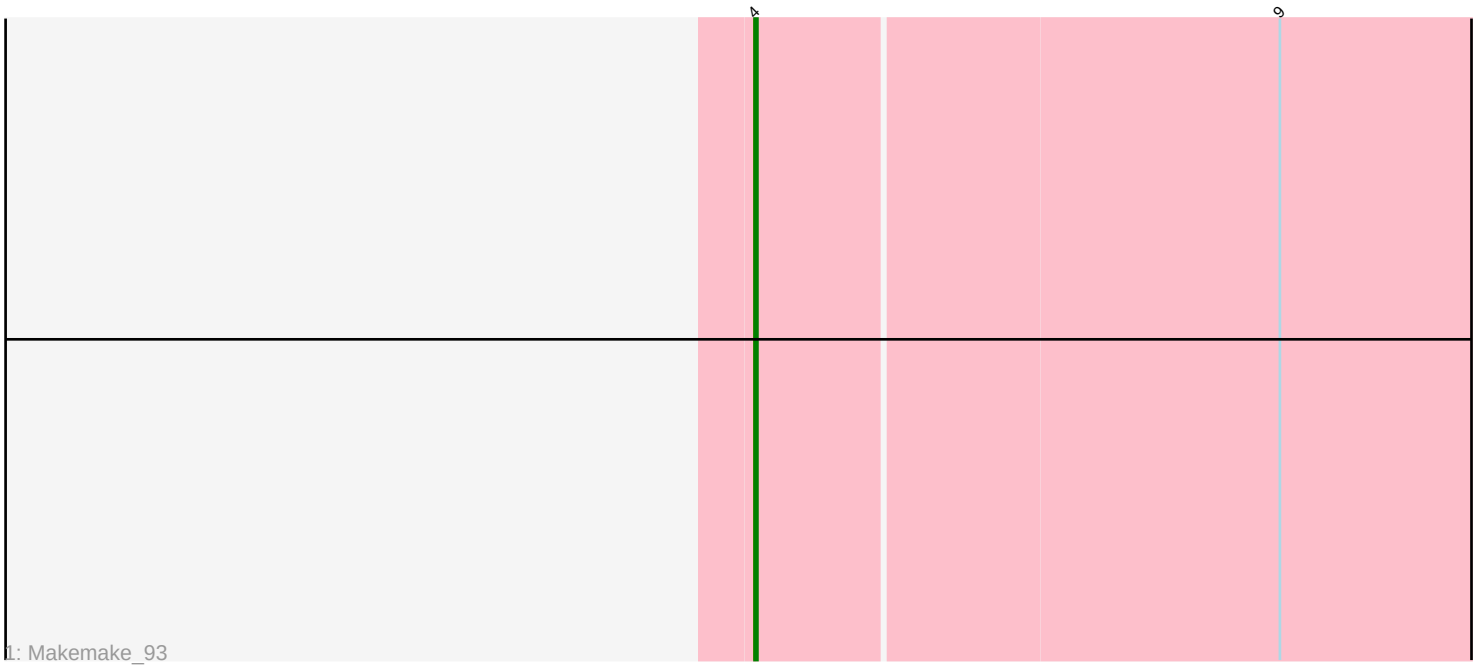
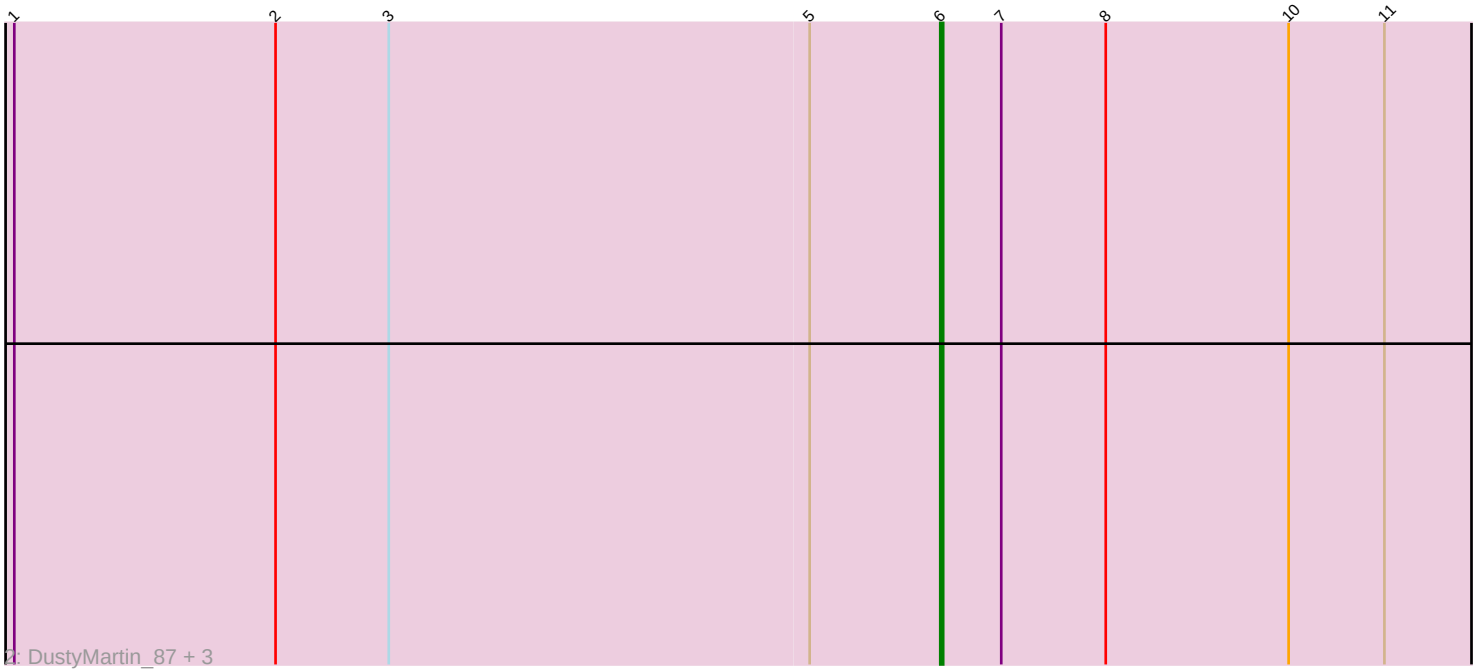
Pham 348421





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 348421 Report

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

Pham number 348421 has 5 members, 3 are drafts.

Phages represented in each track:
• Track 1 : Makemake_93
• Track 2 : DustyMartin_87, Rowdy_87, Shapes_87, RhynO_72

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

The start number called the most often in the published annotations is 4, it was called in 1 of the 2 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Makemake_93,

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

Genes that do not have the "Most Annotated" start:
• DustyMartin_87, RhynO_72, Rowdy_87, Shapes_87,

Summary by start number:

Start 4:
• Found in 1 of 5 (20.0%) of genes in pham
• Manual Annotations of this start: 1 of 2
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Makemake_93 (A1),

Start 6:
• Found in 4 of 5 (80.0%) of genes in pham
• Manual Annotations of this start: 1 of 2
• Called 100.0% of time when present
• Phage (with cluster) where this start called: DustyMartin_87 (A10), RhynO_72 (A10), Rowdy_87 (A10), Shapes_87 (A10),

Summary by clusters:

There are 2 clusters represented in this pham: A1, A10,

Info for manual annotations of cluster A1:
•Start number 4 was manually annotated 1 time for cluster A1.

Info for manual annotations of cluster A10:
•Start number 6 was manually annotated 1 time for cluster A10.

Gene Information:

Gene: DustyMartin_87 Start: 48813, Stop: 48628, Start Num: 6
Candidate Starts for DustyMartin_87:
(1, 49131), (2, 49041), (3, 49002), (5, 48858), (Start: 6 @48813 has 1 MA's), (7, 48792), (8, 48756), (10, 48693), (11, 48660),

Gene: Makemake_93 Start: 52141, Stop: 51896, Start Num: 4
Candidate Starts for Makemake_93:
(Start: 4 @52141 has 1 MA's), (9, 51964),

Gene: RhynO_72 Start: 44427, Stop: 44242, Start Num: 6
Candidate Starts for RhynO_72:
(1, 44745), (2, 44655), (3, 44616), (5, 44472), (Start: 6 @44427 has 1 MA's), (7, 44406), (8, 44370), (10, 44307), (11, 44274),

Gene: Rowdy_87 Start: 48813, Stop: 48628, Start Num: 6
Candidate Starts for Rowdy_87:
(1, 49131), (2, 49041), (3, 49002), (5, 48858), (Start: 6 @48813 has 1 MA's), (7, 48792), (8, 48756), (10, 48693), (11, 48660),

Gene: Shapes_87 Start: 48813, Stop: 48628, Start Num: 6
Candidate Starts for Shapes_87:
(1, 49131), (2, 49041), (3, 49002), (5, 48858), (Start: 6 @48813 has 1 MA's), (7, 48792), (8, 48756), (10, 48693), (11, 48660),