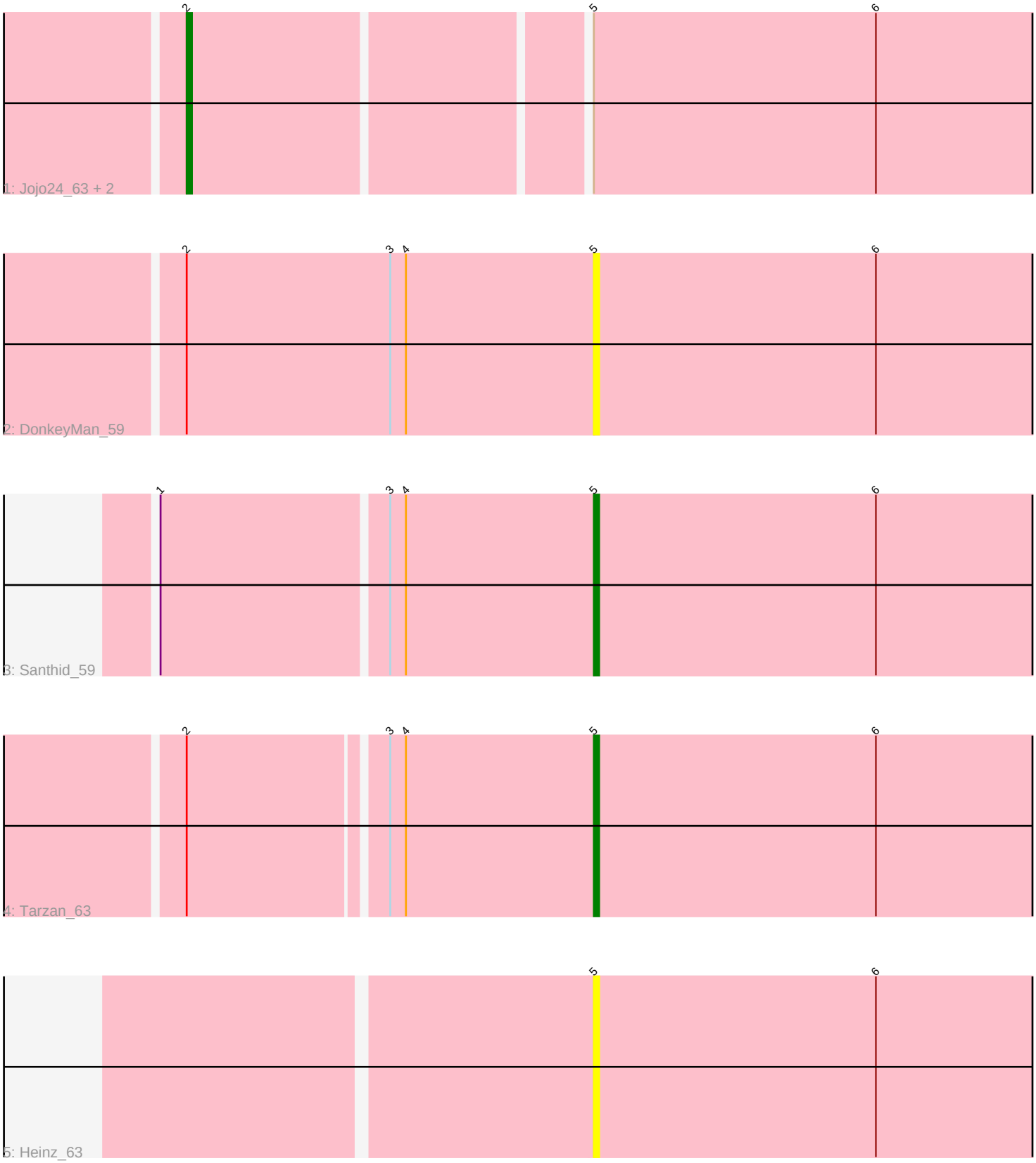
Pham 197173


2
5
6
1: Jojo24_63 + 2
2
3
4
5
6
2: DonkeyMan_59
1
3
4
5
6
3: Santhid_59
2
3
4
5
6
4: Tarzan_63
5
6
5: Heinz_63

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 197173 Report

This analysis was run 12/09/24 on database version 580.

Pham number 197173 has 7 members, 2 are drafts.

Phages represented in each track:
• Track 1 : Jojo24_63, Hibiscus_63, Reyja_65
• Track 2 : DonkeyMan_59
• Track 3 : Santhid_59
• Track 4 : Tarzan_63
• Track 5 : Heinz_63

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

The start number called the most often in the published annotations is 2, it was called in 3 of the 5 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Hibiscus_63, Jojo24_63, Reyja_65,

Genes that have the "Most Annotated" start but do not call it:
• DonkeyMan_59, Tarzan_63,

Genes that do not have the "Most Annotated" start:
• Heinz_63, Santhid_59,

Summary by start number:

Start 2:
• Found in 5 of 7 (71.4%) of genes in pham
• Manual Annotations of this start: 3 of 5
• Called 60.0% of time when present
• Phage (with cluster) where this start called: Hibiscus_63 (DY), Jojo24_63 (DY), Reyja_65 (DY),

Start 5:
• Found in 7 of 7 (100.0%) of genes in pham
• Manual Annotations of this start: 2 of 5
• Called 57.1% of time when present

• Phage (with cluster) where this start called: DonkeyMan_59 (DY), Heinz_63 (DY), Santhid_59 (DY), Tarzan_63 (DY),

Summary by clusters:

There is one cluster represented in this pham: DY

Info for manual annotations of cluster DY:
•Start number 2 was manually annotated 3 times for cluster DY.
•Start number 5 was manually annotated 2 times for cluster DY.

Gene Information:

Gene: DonkeyMan_59 Start: 39766, Stop: 40047, Start Num: 5
Candidate Starts for DonkeyMan_59:
(Start: 2 @39688 has 3 MA's), (3, 39727), (4, 39730), (Start: 5 @39766 has 2 MA's), (6, 39820),

Gene: Heinz_63 Start: 39746, Stop: 40030, Start Num: 5
Candidate Starts for Heinz_63:
(Start: 5 @39746 has 2 MA's), (6, 39800),

Gene: Hibiscus_63 Start: 39480, Stop: 39836, Start Num: 2
Candidate Starts for Hibiscus_63:
(Start: 2 @39480 has 3 MA's), (Start: 5 @39552 has 2 MA's), (6, 39606),

Gene: Jojo24_63 Start: 40163, Stop: 40516, Start Num: 2
Candidate Starts for Jojo24_63:
(Start: 2 @40163 has 3 MA's), (Start: 5 @40235 has 2 MA's), (6, 40289),

Gene: Reyja_65 Start: 41077, Stop: 41433, Start Num: 2
Candidate Starts for Reyja_65:
(Start: 2 @41077 has 3 MA's), (Start: 5 @41149 has 2 MA's), (6, 41203),

Gene: Santhid_59 Start: 38581, Stop: 38865, Start Num: 5
Candidate Starts for Santhid_59:
(1, 38500), (3, 38542), (4, 38545), (Start: 5 @38581 has 2 MA's), (6, 38635),

Gene: Tarzan_63 Start: 39834, Stop: 40118, Start Num: 5
Candidate Starts for Tarzan_63:
(Start: 2 @39759 has 3 MA's), (3, 39795), (4, 39798), (Start: 5 @39834 has 2 MA's), (6, 39888),