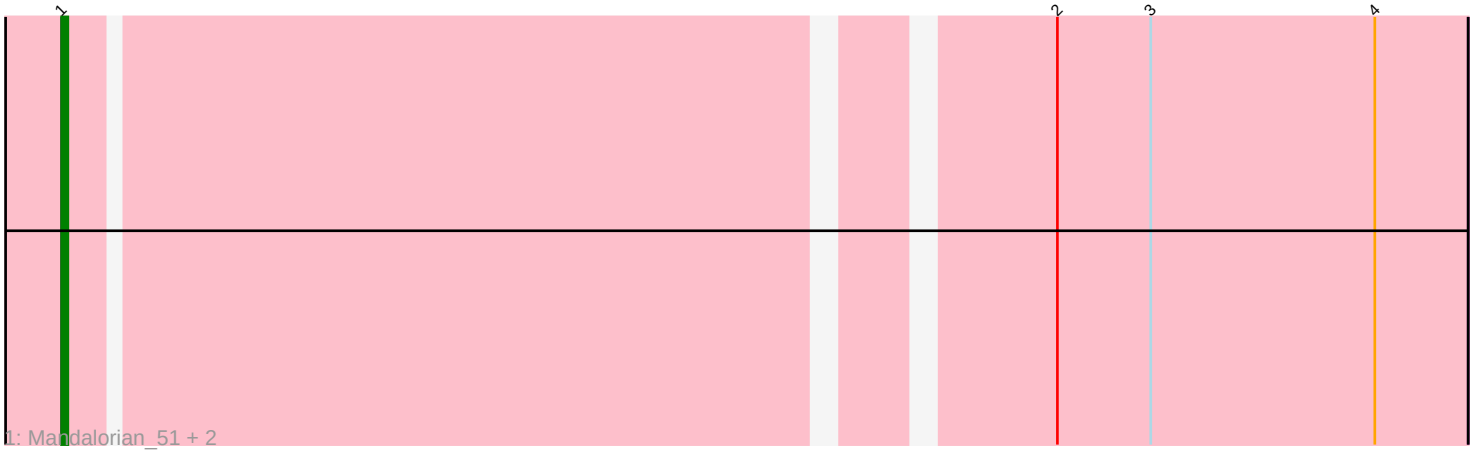
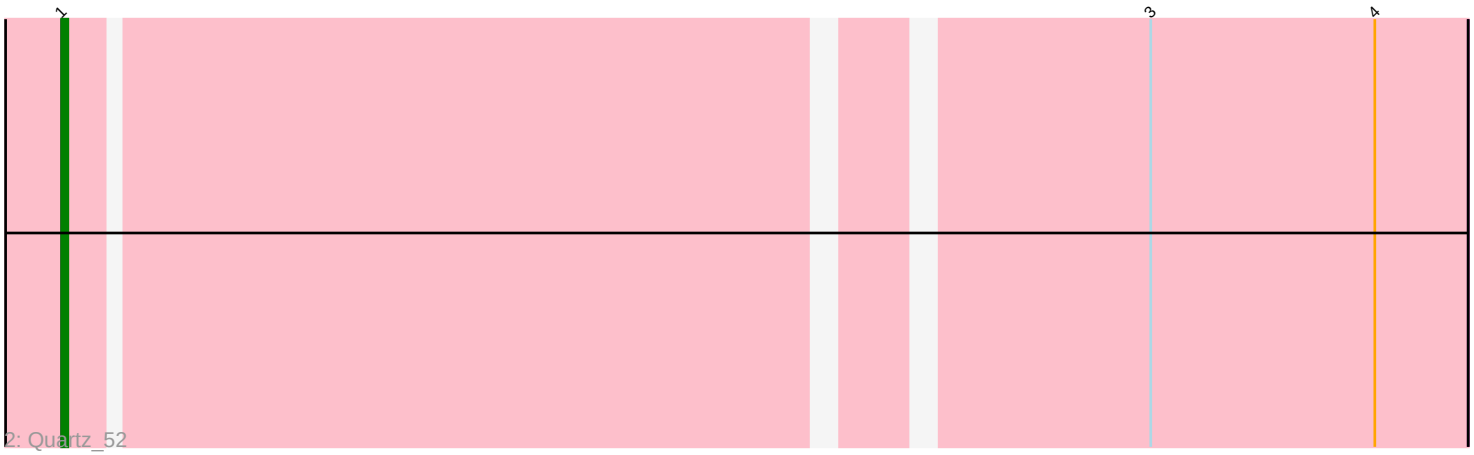
Pham 9856





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 9856 Report

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

Pham number 9856 has 5 members, 1 are drafts.

Phages represented in each track:
• Track 1 : Mandalorian_51, Nucci_51, Carostasia_51
• Track 2 : Quartz_52
• Track 3 : YuuY_52

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 4 of the 4 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Carostasia_51, Mandalorian_51, Nucci_51, Quartz_52, YuuY_52,

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 5 of 5 (100.0%) of genes in pham
• Manual Annotations of this start: 4 of 4
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Carostasia_51 (EA10), Mandalorian_51 (EA10), Nucci_51 (EA10), Quartz_52 (EA10), YuuY_52 (EA10),

Summary by clusters:

There is one cluster represented in this pham: EA10

Info for manual annotations of cluster EA10:
•Start number 1 was manually annotated 4 times for cluster EA10.

Gene Information:

Gene: Carostasia_51 Start: 35897, Stop: 35685, Start Num: 1
Candidate Starts for Carostasia_51:
(Start: 1 @35897 has 4 MA's), (2, 35750), (3, 35735), (4, 35699),

Gene: Mandalorian_51 Start: 35907, Stop: 35695, Start Num: 1
Candidate Starts for Mandalorian_51:
(Start: 1 @35907 has 4 MA's), (2, 35760), (3, 35745), (4, 35709),

Gene: Nucci_51 Start: 35871, Stop: 35659, Start Num: 1
Candidate Starts for Nucci_51:
(Start: 1 @35871 has 4 MA's), (2, 35724), (3, 35709), (4, 35673),

Gene: Quartz_52 Start: 36020, Stop: 35808, Start Num: 1
Candidate Starts for Quartz_52:
(Start: 1 @36020 has 4 MA's), (3, 35858), (4, 35822),

Gene: YuuY_52 Start: 36446, Stop: 36249, Start Num: 1
Candidate Starts for YuuY_52:
(Start: 1 @36446 has 4 MA's),