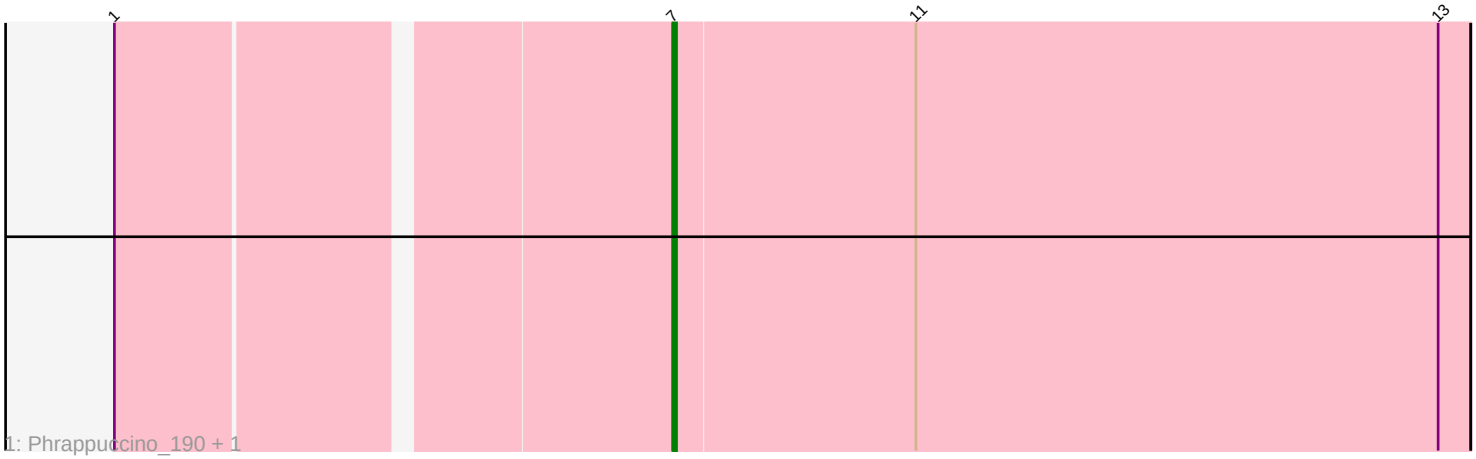
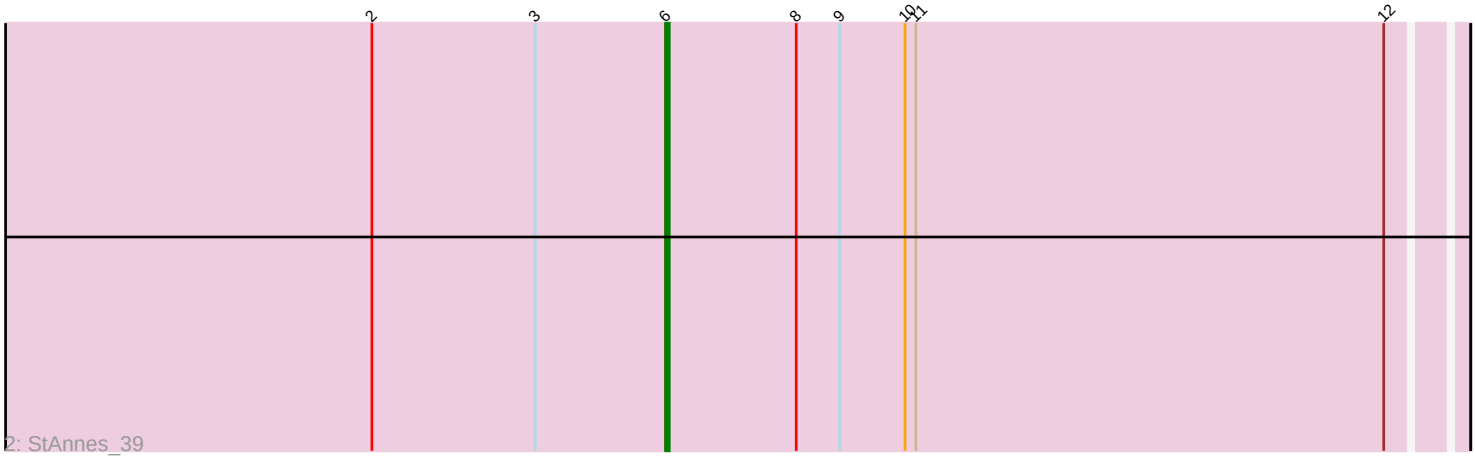
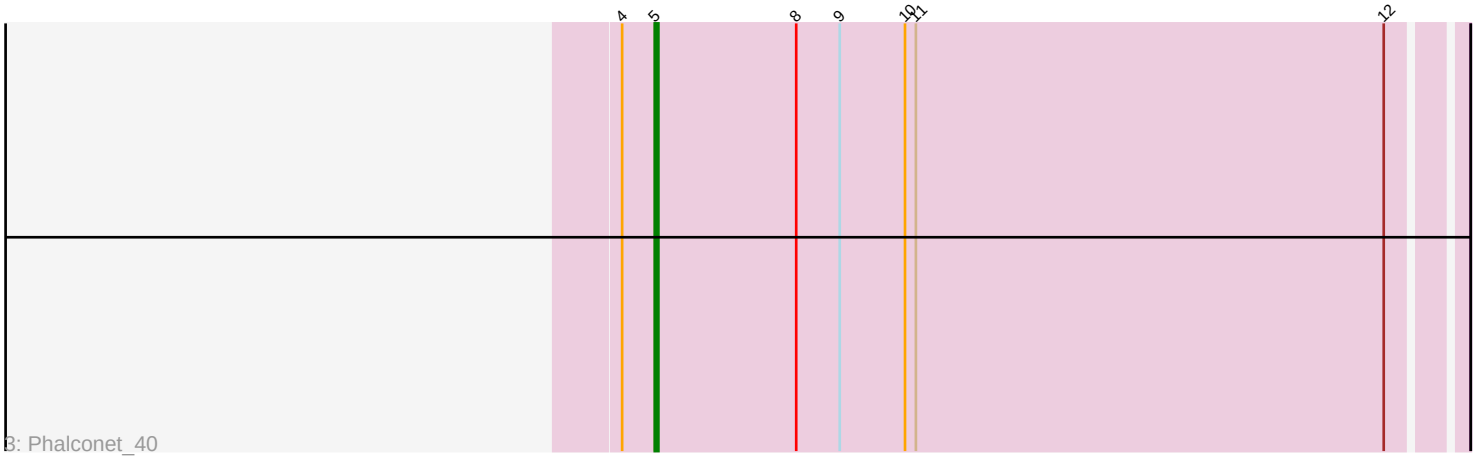
Pham 172168


1
7
11
13
1: Phrappuccino_190 + 1


2
3
6
8
9
10
11
12
2: StAnnes_39


4
5
8
9
10
11
12
3: Phalconet_40

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 172168 Report

This analysis was run 07/10/24 on database version 566.

Pham number 172168 has 4 members, 0 are drafts.

Phages represented in each track:
• Track 1 : Phrappuccino_190, Settecandela_215
• Track 2 : StAnnes_39
• Track 3 : Phalconet_40

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

The start number called the most often in the published annotations is 7, it was called in 2 of the 4 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Phrappuccino_190, Settecandela_215,

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

Genes that do not have the "Most Annotated" start:
• Phalconet_40, StAnnes_39,

Summary by start number:

Start 5:
• Found in 1 of 4 (25.0%) of genes in pham
• Manual Annotations of this start: 1 of 4
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Phalconet_40 (F1),

Start 6:
• Found in 1 of 4 (25.0%) of genes in pham
• Manual Annotations of this start: 1 of 4
• Called 100.0% of time when present
• Phage (with cluster) where this start called: StAnnes_39 (F1),

Start 7:
• Found in 2 of 4 (50.0%) of genes in pham

• Manual Annotations of this start: 2 of 4
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Phrappuccino_190 (AA), Settecandela_215 (AA),

Summary by clusters:

There are 2 clusters represented in this pham: AA, F1,

Info for manual annotations of cluster AA:
•Start number 7 was manually annotated 2 times for cluster AA.

Info for manual annotations of cluster F1:
•Start number 5 was manually annotated 1 time for cluster F1.
•Start number 6 was manually annotated 1 time for cluster F1.

Gene Information:

Gene: Phalconet_40 Start: 31533, Stop: 31315, Start Num: 5
Candidate Starts for Phalconet_40:
(4, 31542), (Start: 5 @31533 has 1 MA's), (8, 31494), (9, 31482), (10, 31464), (11, 31461), (12, 31332),

Gene: Phrappuccino_190 Start: 121245, Stop: 121463, Start Num: 7
Candidate Starts for Phrappuccino_190:
(1, 121101), (Start: 7 @121245 has 2 MA's), (11, 121311), (13, 121455),

Gene: Settecandela_215 Start: 130092, Stop: 130310, Start Num: 7
Candidate Starts for Settecandela_215:
(1, 129948), (Start: 7 @130092 has 2 MA's), (11, 130158), (13, 130302),

Gene: StAnnes_39 Start: 32000, Stop: 31785, Start Num: 6
Candidate Starts for StAnnes_39:
(2, 32081), (3, 32036), (Start: 6 @32000 has 1 MA's), (8, 31964), (9, 31952), (10, 31934), (11, 31931), (12, 31802),