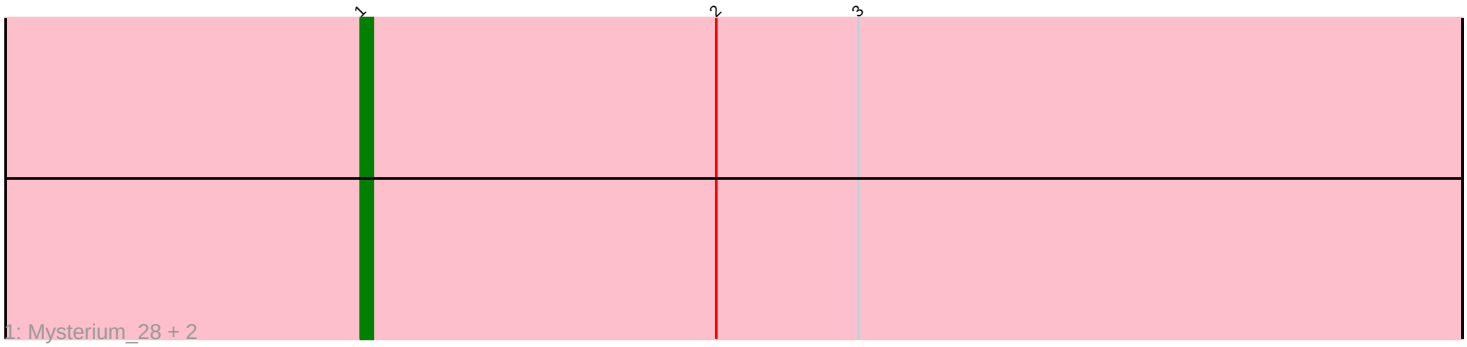
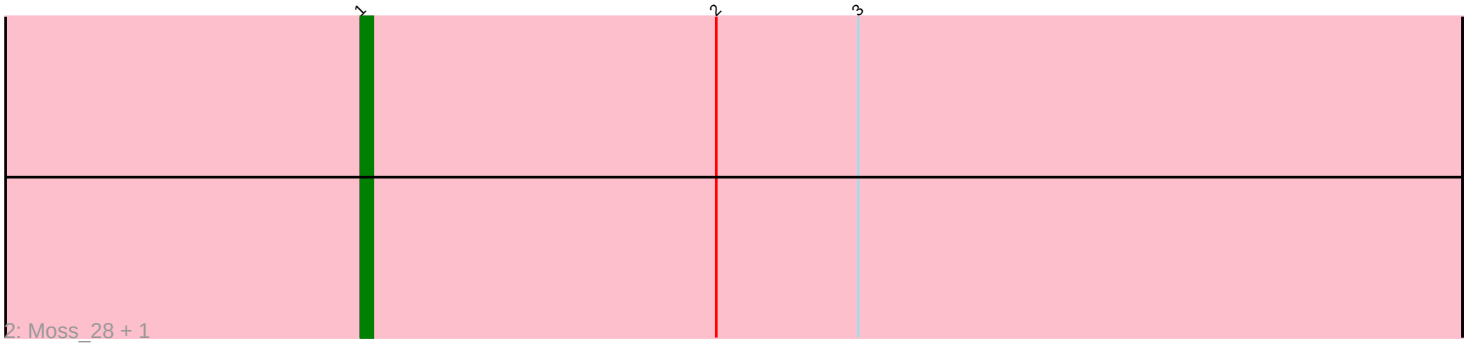
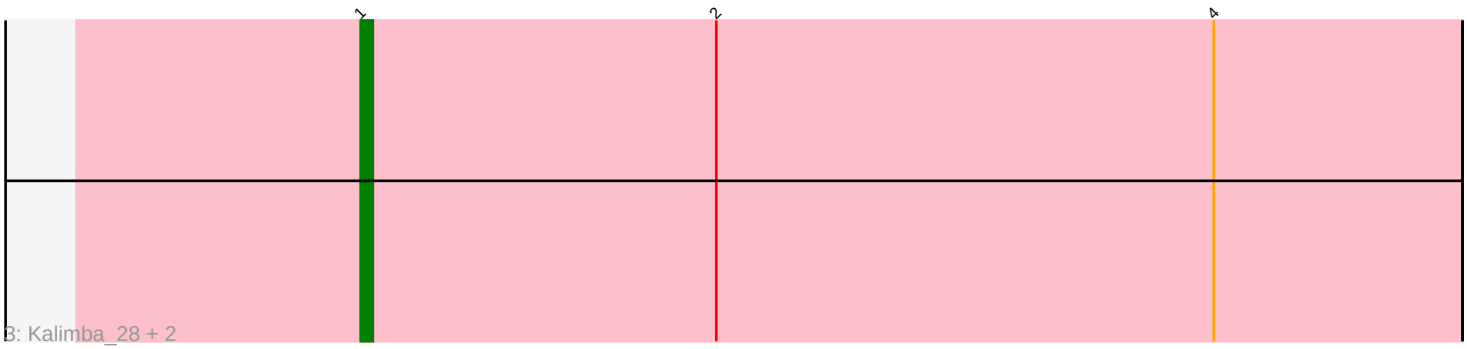
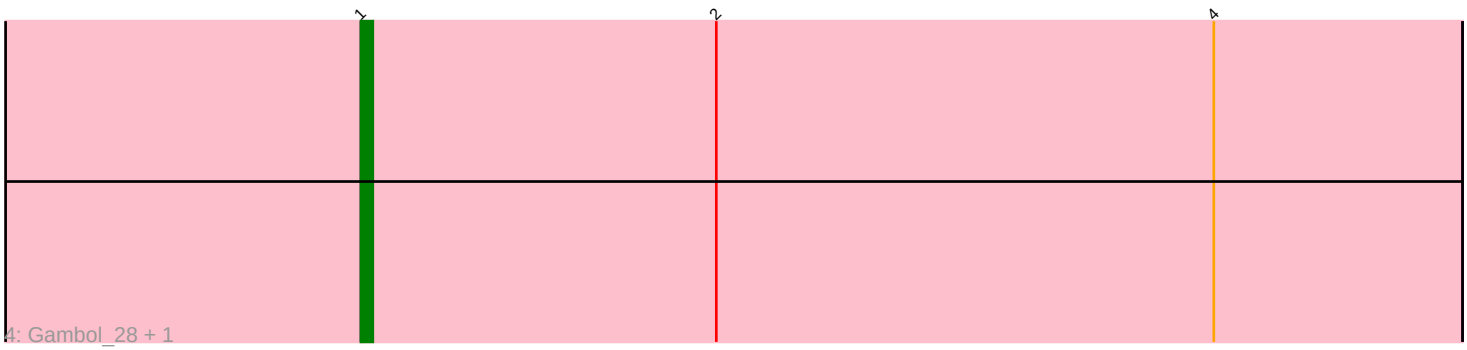
Pham 198625


1
2
3
1: Mysterium_28 + 2


1
2
3
2: Moss_28 + 1


1
2
4
3: Kalimba_28 + 2


1
2
4
4: Gambol_28 + 1

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 198625 Report

This analysis was run 01/18/25 on database version 583.

Pham number 198625 has 10 members, 0 are drafts.

Phages represented in each track:
• Track 1 : Mysterium_28, Halsey_28, SpecialK_28
• Track 2 : Moss_28, Ashes_28
• Track 3 : Kalimba_28, Sooty_28, Cappuccino_28
• Track 4 : Gambol_28, Donkey_28

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:
• Ashes_28, Cappuccino_28, Donkey_28, Gambol_28, Halsey_28, Kalimba_28, Moss_28, Mysterium_28, Sooty_28, SpecialK_28,

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: Ashes_28 (AZ5), Cappuccino_28 (AZ5), Donkey_28 (AZ5), Gambol_28 (AZ5), Halsey_28 (AZ5), Kalimba_28 (AZ5), Moss_28 (AZ5), Mysterium_28 (AZ5), Sooty_28 (AZ5), SpecialK_28 (AZ5),

Summary by clusters:

There is one cluster represented in this pham: AZ5

Info for manual annotations of cluster AZ5:
•Start number 1 was manually annotated 10 times for cluster AZ5.

Gene Information:

Gene: Ashes_28 Start: 21404, Stop: 21496, Start Num: 1
Candidate Starts for Ashes_28:
(Start: 1 @21404 has 10 MA's), (2, 21434), (3, 21446),

Gene: Cappuccino_28 Start: 21313, Stop: 21405, Start Num: 1
Candidate Starts for Cappuccino_28:
(Start: 1 @21313 has 10 MA's), (2, 21343), (4, 21385),

Gene: Donkey_28 Start: 21313, Stop: 21405, Start Num: 1
Candidate Starts for Donkey_28:
(Start: 1 @21313 has 10 MA's), (2, 21343), (4, 21385),

Gene: Gambol_28 Start: 21313, Stop: 21405, Start Num: 1
Candidate Starts for Gambol_28:
(Start: 1 @21313 has 10 MA's), (2, 21343), (4, 21385),

Gene: Halsey_28 Start: 21409, Stop: 21501, Start Num: 1
Candidate Starts for Halsey_28:
(Start: 1 @21409 has 10 MA's), (2, 21439), (3, 21451),

Gene: Kalimba_28 Start: 21313, Stop: 21405, Start Num: 1
Candidate Starts for Kalimba_28:
(Start: 1 @21313 has 10 MA's), (2, 21343), (4, 21385),

Gene: Moss_28 Start: 21405, Stop: 21497, Start Num: 1
Candidate Starts for Moss_28:
(Start: 1 @21405 has 10 MA's), (2, 21435), (3, 21447),

Gene: Mysterium_28 Start: 21405, Stop: 21497, Start Num: 1
Candidate Starts for Mysterium_28:
(Start: 1 @21405 has 10 MA's), (2, 21435), (3, 21447),

Gene: Sooty_28 Start: 21315, Stop: 21407, Start Num: 1
Candidate Starts for Sooty_28:
(Start: 1 @21315 has 10 MA's), (2, 21345), (4, 21387),

Gene: SpecialK_28 Start: 21312, Stop: 21404, Start Num: 1
Candidate Starts for SpecialK_28:
(Start: 1 @21312 has 10 MA's), (2, 21342), (3, 21354),