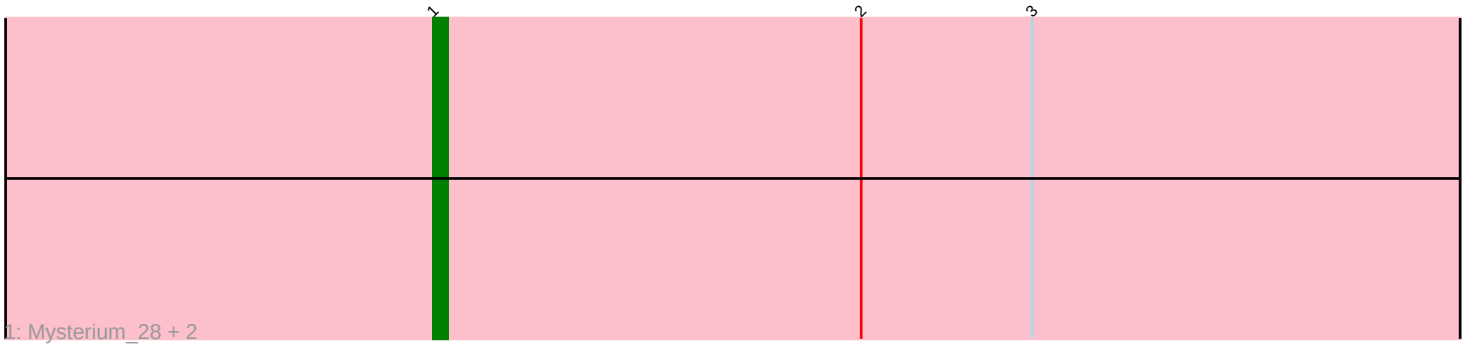
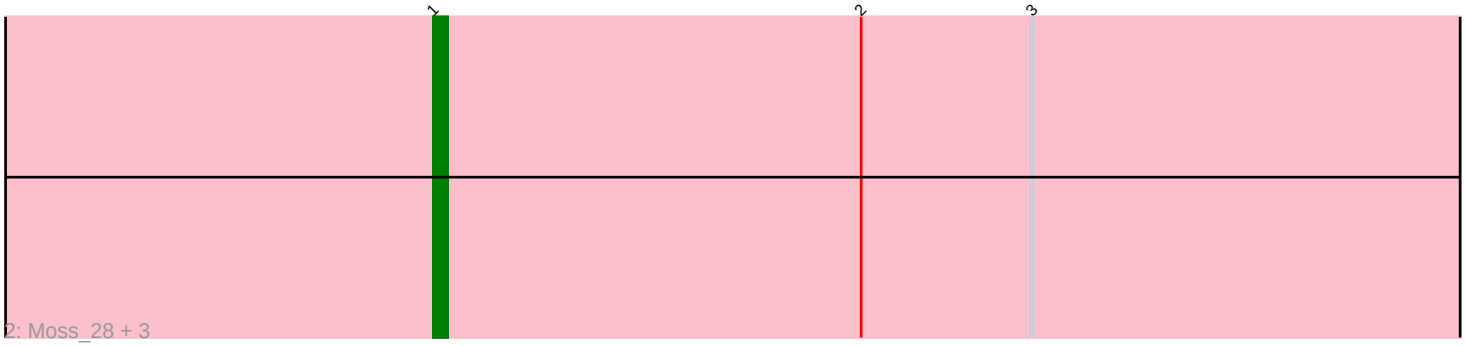
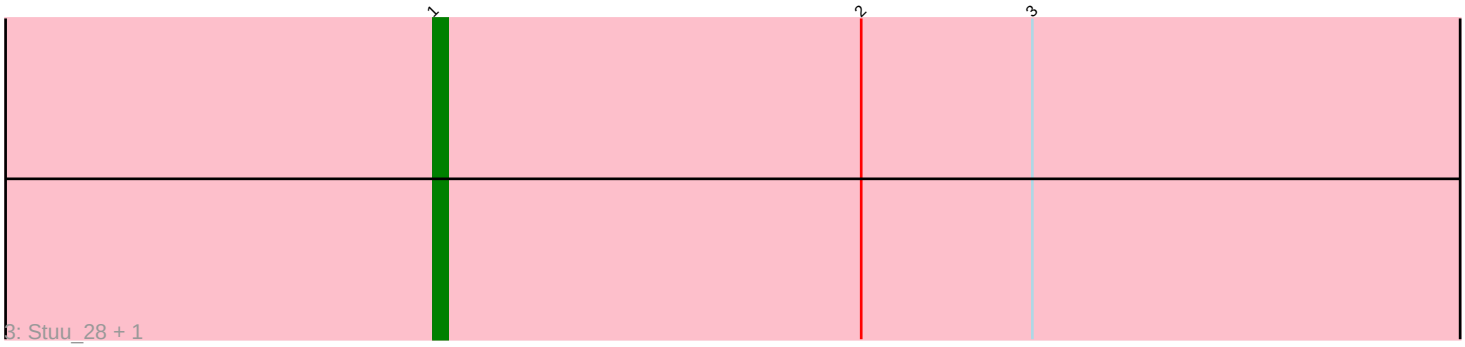
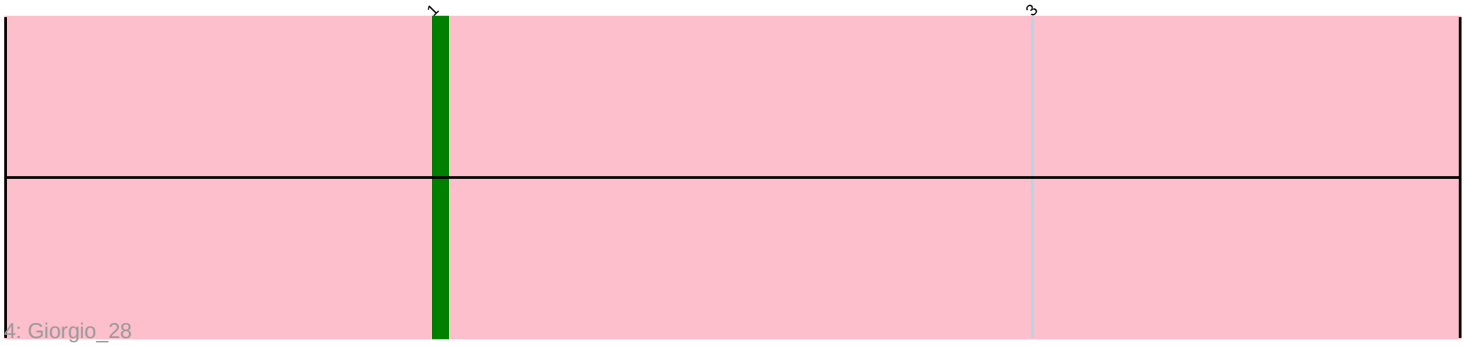
Pham 344639


1
2
3
1: Mysterium_28 + 2


1
2
3
2: Moss_28 + 3


1
2
3
3: Stuu_28 + 1


1
3
4: Giorgio_28

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 344639 Report

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

Pham number 344639 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, RockScotty_28, Beaupre_28
• Track 3 : Stuu_28, Gumpizza_28
• Track 4 : Giorgio_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, Beaupre_28, Giorgio_28, Gumpizza_28, Halsey_28, Moss_28, Mysterium_28, RockScotty_28, SpecialK_28, Stuu_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), Beaupre_28 (AZ5), Giorgio_28 (AZ5), Gumpizza_28 (AZ5), Halsey_28 (AZ5), Moss_28 (AZ5), Mysterium_28 (AZ5), RockScotty_28 (AZ5), SpecialK_28 (AZ5), Stuu_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: Beaupre_28 Start: 21405, Stop: 21497, Start Num: 1
Candidate Starts for Beaupre_28:
(Start: 1 @21405 has 10 MA's), (2, 21435), (3, 21447),

Gene: Giorgio_28 Start: 21412, Stop: 21504, Start Num: 1
Candidate Starts for Giorgio_28:
(Start: 1 @21412 has 10 MA's), (3, 21454),

Gene: Gumpizza_28 Start: 21405, Stop: 21497, Start Num: 1
Candidate Starts for Gumpizza_28:
(Start: 1 @21405 has 10 MA's), (2, 21435), (3, 21447),

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: 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: RockScotty_28 Start: 21381, Stop: 21473, Start Num: 1
Candidate Starts for RockScotty_28:
(Start: 1 @21381 has 10 MA's), (2, 21411), (3, 21423),

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),

Gene: Stuu_28 Start: 21404, Stop: 21496, Start Num: 1
Candidate Starts for Stuu_28:
(Start: 1 @21404 has 10 MA's), (2, 21434), (3, 21446),