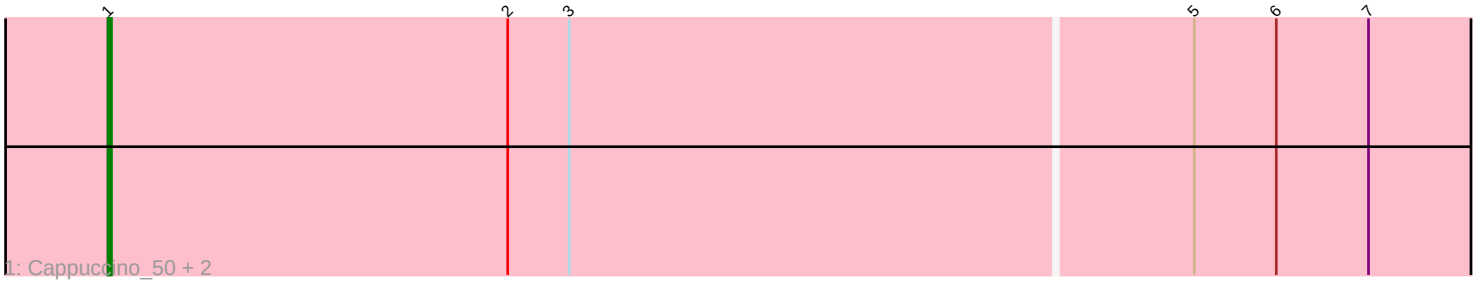
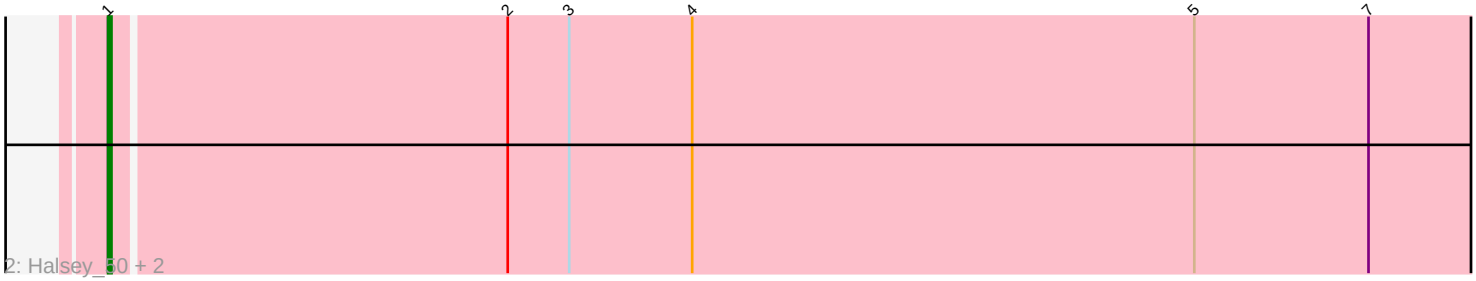
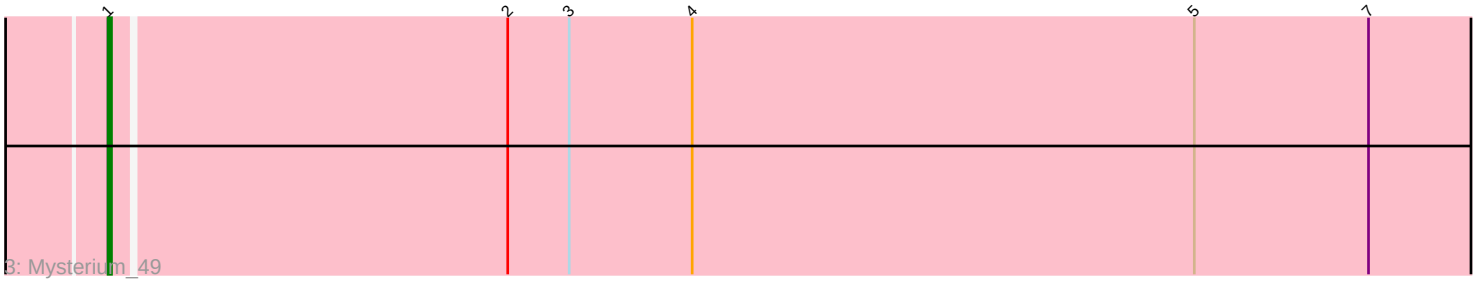
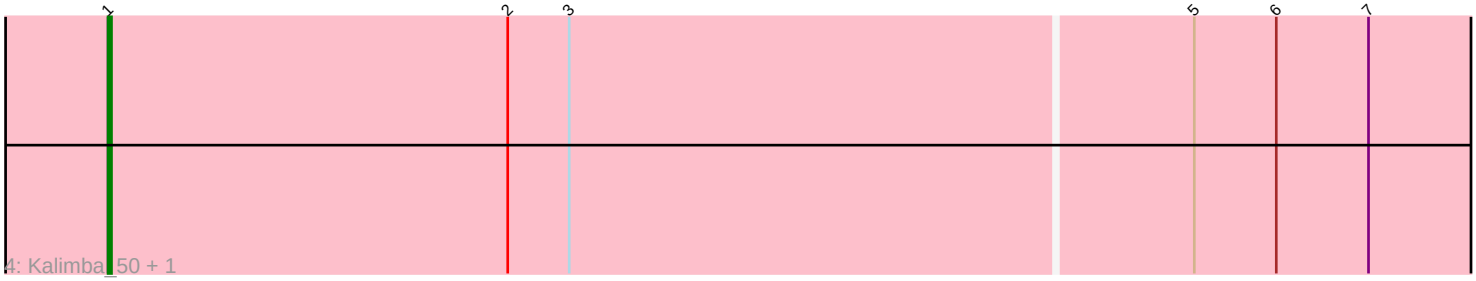
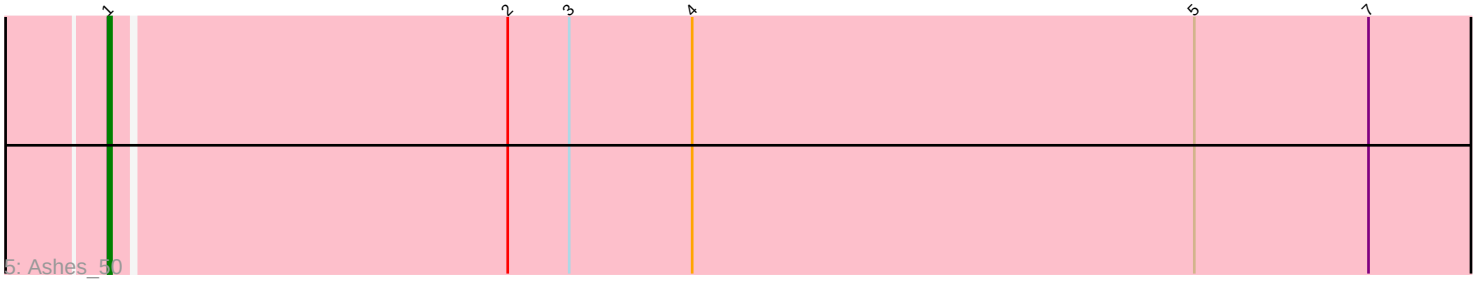
# Pham 200869


1
2
3
5
6
7
1: Cappuccino_50 + 2


1
2
3
4
5
7
2: Halsey_50 + 2


1
2
3
4
5
7
3: Mysterium_49


1
2
3
5
6
7
4: Kalimba_50 + 1


1
2
3
4
5
7
5: Ashes_50

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 200869 Report

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

Pham number 200869 has 10 members, 0 are drafts.

Phages represented in each track:
• Track 1 : Cappuccino_50, Donkey_50, Gambol_51
• Track 2 : Halsey_50, SpecialK_50, Moss_50
• Track 3 : Mysterium_49
• Track 4 : Kalimba_50, Sooty_50
• Track 5 : Ashes_50

***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_50, Cappuccino_50, Donkey_50, Gambol_51, Halsey_50, Kalimba_50, Moss_50, Mysterium_49, Sooty_50, SpecialK_50,

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_50 (AZ5), Cappuccino_50 (AZ5), Donkey_50 (AZ5), Gambol_51 (AZ5), Halsey_50 (AZ5), Kalimba_50 (AZ5), Moss_50 (AZ5), Mysterium_49 (AZ5), Sooty_50 (AZ5), SpecialK_50 (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_50 Start: 34805, Stop: 35224, Start Num: 1
Candidate Starts for Ashes_50:
(Start: 1 @34805 has 10 MA's), (2, 34919), (3, 34937), (4, 34973), (5, 35120), (7, 35171),

Gene: Cappuccino_50 Start: 34666, Stop: 35085, Start Num: 1
Candidate Starts for Cappuccino_50:
(Start: 1 @34666 has 10 MA's), (2, 34783), (3, 34801), (5, 34981), (6, 35005), (7, 35032),

Gene: Donkey_50 Start: 34656, Stop: 35075, Start Num: 1
Candidate Starts for Donkey_50:
(Start: 1 @34656 has 10 MA's), (2, 34773), (3, 34791), (5, 34971), (6, 34995), (7, 35022),

Gene: Gambol_51 Start: 34675, Stop: 35094, Start Num: 1
Candidate Starts for Gambol_51:
(Start: 1 @34675 has 10 MA's), (2, 34792), (3, 34810), (5, 34990), (6, 35014), (7, 35041),

Gene: Halsey_50 Start: 34795, Stop: 35214, Start Num: 1
Candidate Starts for Halsey_50:
(Start: 1 @34795 has 10 MA's), (2, 34909), (3, 34927), (4, 34963), (5, 35110), (7, 35161),

Gene: Kalimba_50 Start: 34653, Stop: 35072, Start Num: 1
Candidate Starts for Kalimba_50:
(Start: 1 @34653 has 10 MA's), (2, 34770), (3, 34788), (5, 34968), (6, 34992), (7, 35019),

Gene: Moss_50 Start: 34736, Stop: 35155, Start Num: 1
Candidate Starts for Moss_50:
(Start: 1 @34736 has 10 MA's), (2, 34850), (3, 34868), (4, 34904), (5, 35051), (7, 35102),

Gene: Mysterium_49 Start: 34583, Stop: 35002, Start Num: 1
Candidate Starts for Mysterium_49:
(Start: 1 @34583 has 10 MA's), (2, 34697), (3, 34715), (4, 34751), (5, 34898), (7, 34949),

Gene: Sooty_50 Start: 34668, Stop: 35087, Start Num: 1
Candidate Starts for Sooty_50:
(Start: 1 @34668 has 10 MA's), (2, 34785), (3, 34803), (5, 34983), (6, 35007), (7, 35034),

Gene: SpecialK_50 Start: 34645, Stop: 35064, Start Num: 1
Candidate Starts for SpecialK_50:
(Start: 1 @34645 has 10 MA's), (2, 34759), (3, 34777), (4, 34813), (5, 34960), (7, 35011),