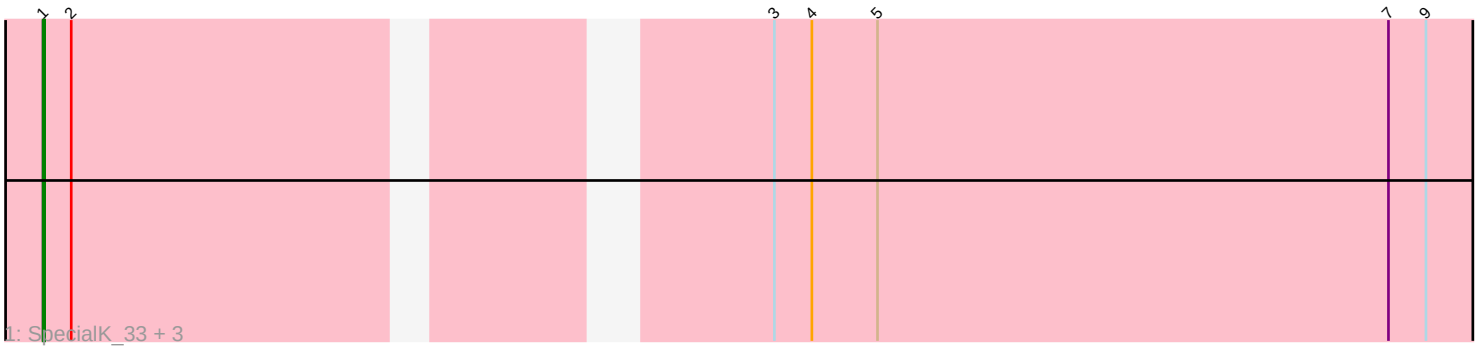
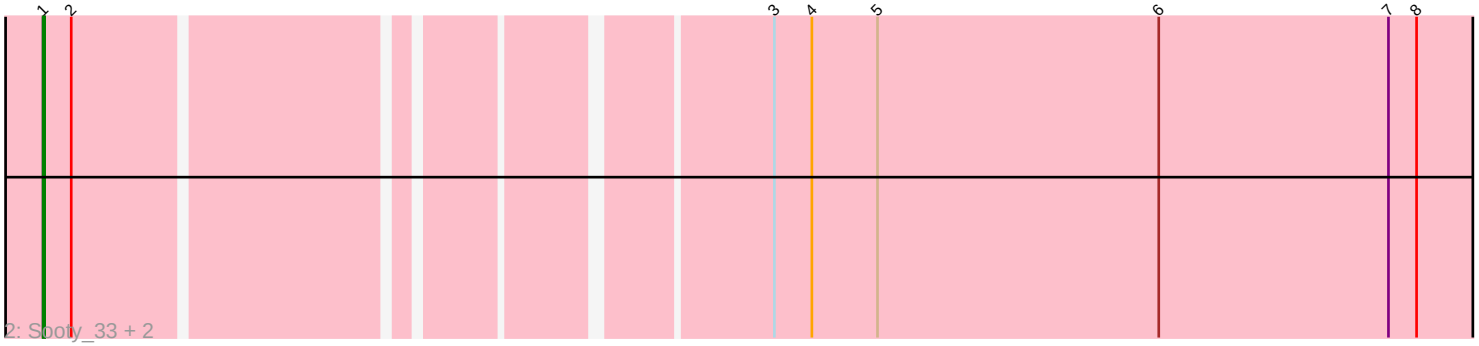
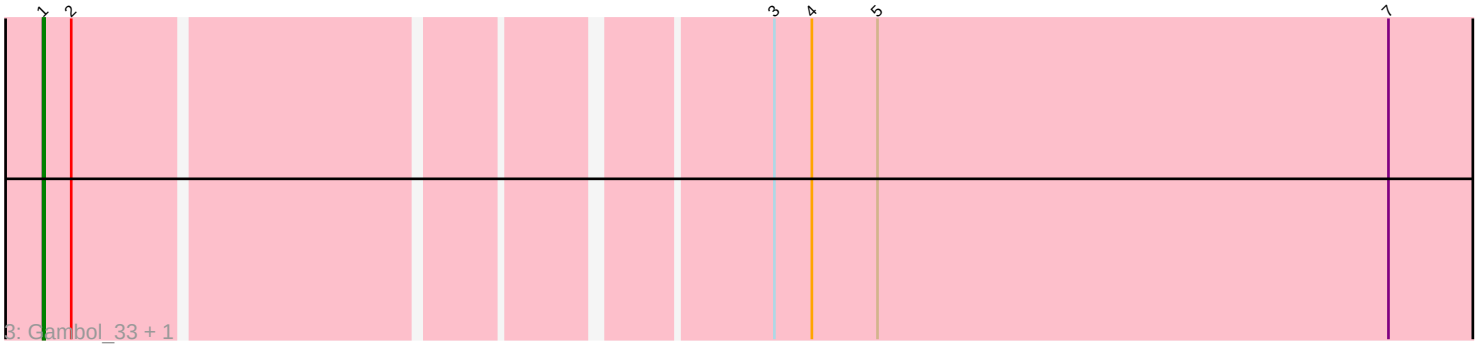
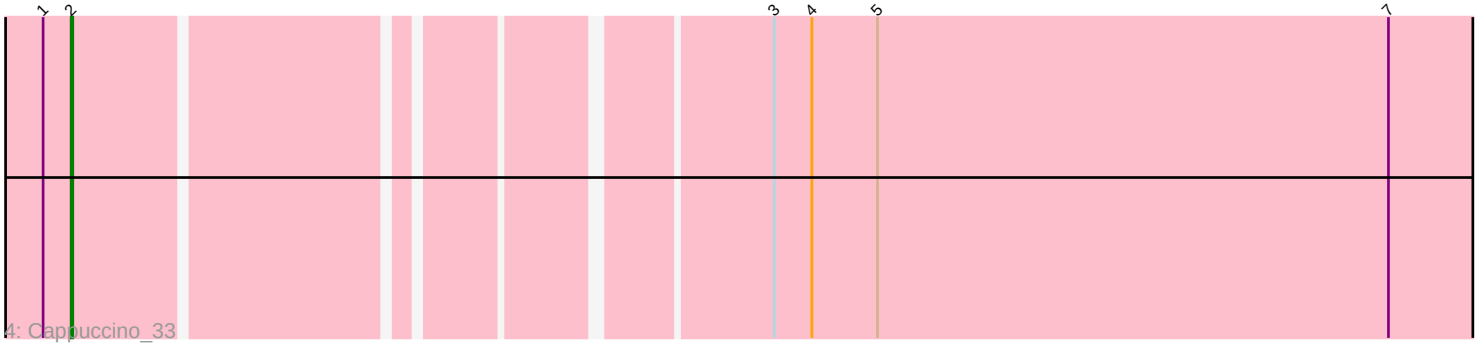
Pham 200886


1
2
3
4
5
7
9
1: SpecialK_33 + 3


1
2
3
4
5
6
7
8
2: Spoty_33 + 2


1
2
3
4
5
7
3: Gambol_33 + 1


1
2
3
4
5
7
4: Capuccino_33

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 200886 Report

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

Pham number 200886 has 10 members, 0 are drafts.

Phages represented in each track:
• Track 1 : SpecialK_33, Halsey_33, Moss_33, Ashes_33
• Track 2 : Sooty_33, Donkey_33, Kalimba_33
• Track 3 : Gambol_33, Mysterium_33
• Track 4 : Cappuccino_33

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 9 of the 10 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Ashes_33, Donkey_33, Gambol_33, Halsey_33, Kalimba_33, Moss_33, Mysterium_33, Sooty_33, SpecialK_33,

Genes that have the "Most Annotated" start but do not call it:
• Cappuccino_33,

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: 9 of 10
• Called 90.0% of time when present
• Phage (with cluster) where this start called: Ashes_33 (AZ5), Donkey_33 (AZ5), Gambol_33 (AZ5), Halsey_33 (AZ5), Kalimba_33 (AZ5), Moss_33 (AZ5), Mysterium_33 (AZ5), Sooty_33 (AZ5), SpecialK_33 (AZ5),

Start 2:
• Found in 10 of 10 (100.0%) of genes in pham
• Manual Annotations of this start: 1 of 10
• Called 10.0% of time when present

• Phage (with cluster) where this start called: Cappuccino_33 (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 9 times for cluster AZ5.
•Start number 2 was manually annotated 1 time for cluster AZ5.

Gene Information:

Gene: Ashes_33 Start: 23101, Stop: 24015, Start Num: 1
Candidate Starts for Ashes_33:
(Start: 1 @23101 has 9 MA's), (Start: 2 @23119 has 1 MA's), (3, 23560), (4, 23584), (5, 23626), (7, 23953), (9, 23977),

Gene: Cappuccino_33 Start: 23028, Stop: 23882, Start Num: 2
Candidate Starts for Cappuccino_33:
(Start: 1 @23010 has 9 MA's), (Start: 2 @23028 has 1 MA's), (3, 23427), (4, 23451), (5, 23493), (7, 23820),

Gene: Donkey_33 Start: 23012, Stop: 23872, Start Num: 1
Candidate Starts for Donkey_33:
(Start: 1 @23012 has 9 MA's), (Start: 2 @23030 has 1 MA's), (3, 23417), (4, 23441), (5, 23483), (6, 23663), (7, 23810), (8, 23828),

Gene: Gambol_33 Start: 23010, Stop: 23891, Start Num: 1
Candidate Starts for Gambol_33:
(Start: 1 @23010 has 9 MA's), (Start: 2 @23028 has 1 MA's), (3, 23436), (4, 23460), (5, 23502), (7, 23829),

Gene: Halsey_33 Start: 23106, Stop: 24020, Start Num: 1
Candidate Starts for Halsey_33:
(Start: 1 @23106 has 9 MA's), (Start: 2 @23124 has 1 MA's), (3, 23565), (4, 23589), (5, 23631), (7, 23958), (9, 23982),

Gene: Kalimba_33 Start: 23009, Stop: 23869, Start Num: 1
Candidate Starts for Kalimba_33:
(Start: 1 @23009 has 9 MA's), (Start: 2 @23027 has 1 MA's), (3, 23414), (4, 23438), (5, 23480), (6, 23660), (7, 23807), (8, 23825),

Gene: Moss_33 Start: 23101, Stop: 23961, Start Num: 1
Candidate Starts for Moss_33:
(Start: 1 @23101 has 9 MA's), (Start: 2 @23119 has 1 MA's), (3, 23506), (4, 23530), (5, 23572), (7, 23899), (9, 23923),

Gene: Mysterium_33 Start: 23106, Stop: 23981, Start Num: 1
Candidate Starts for Mysterium_33:
(Start: 1 @23106 has 9 MA's), (Start: 2 @23124 has 1 MA's), (3, 23526), (4, 23550), (5, 23592), (7, 23919),

Gene: Sooty_33 Start: 23012, Stop: 23884, Start Num: 1
Candidate Starts for Sooty_33:
(Start: 1 @23012 has 9 MA's), (Start: 2 @23030 has 1 MA's), (3, 23429), (4, 23453), (5, 23495), (6, 23675), (7, 23822), (8, 23840),

Gene: SpecialK_33 Start: 23009, Stop: 23869, Start Num: 1
Candidate Starts for SpecialK_33:
(Start: 1 @23009 has 9 MA's), (Start: 2 @23027 has 1 MA's), (3, 23414), (4, 23438), (5, 23480), (7, 23807), (9, 23831),