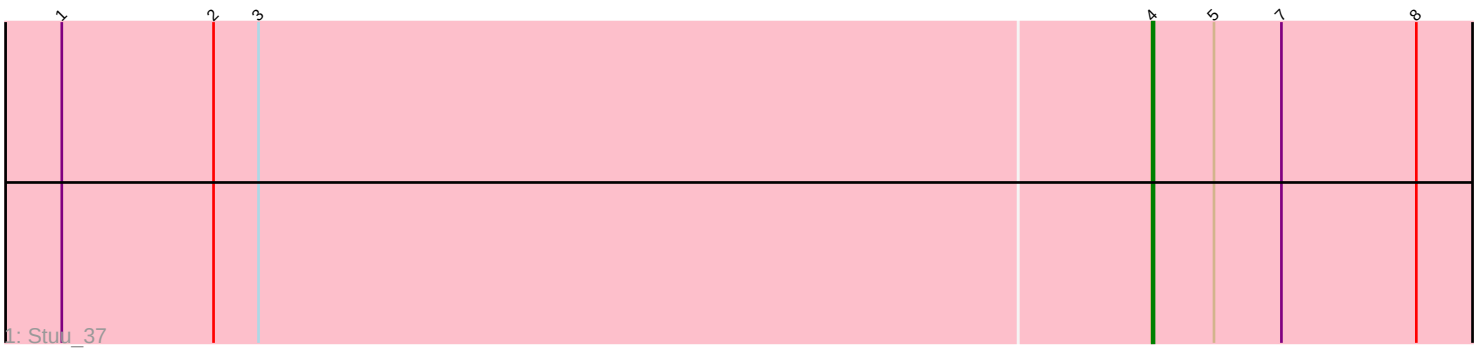
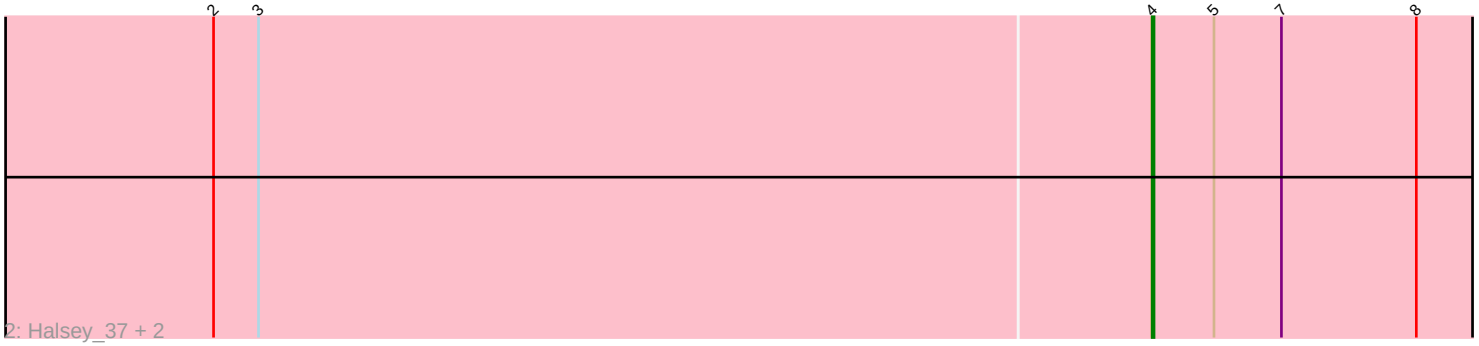
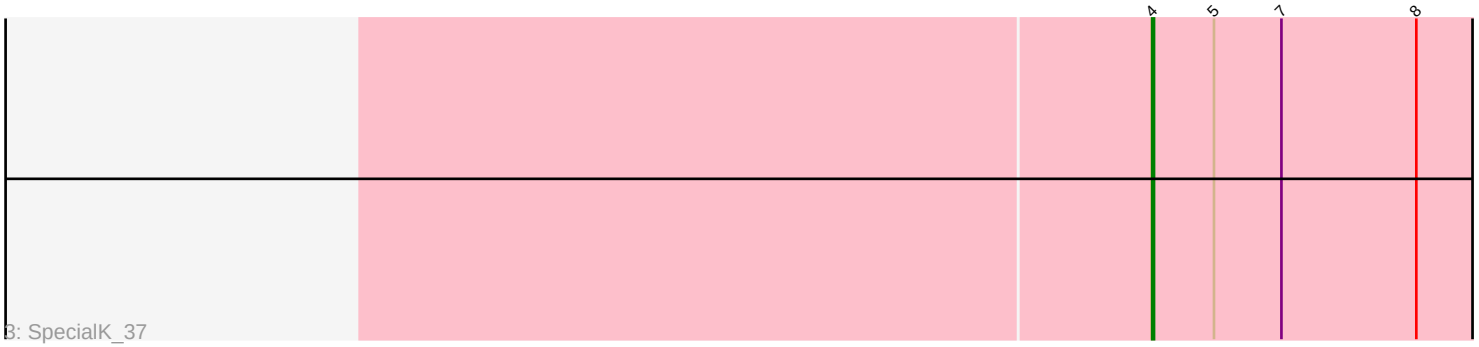
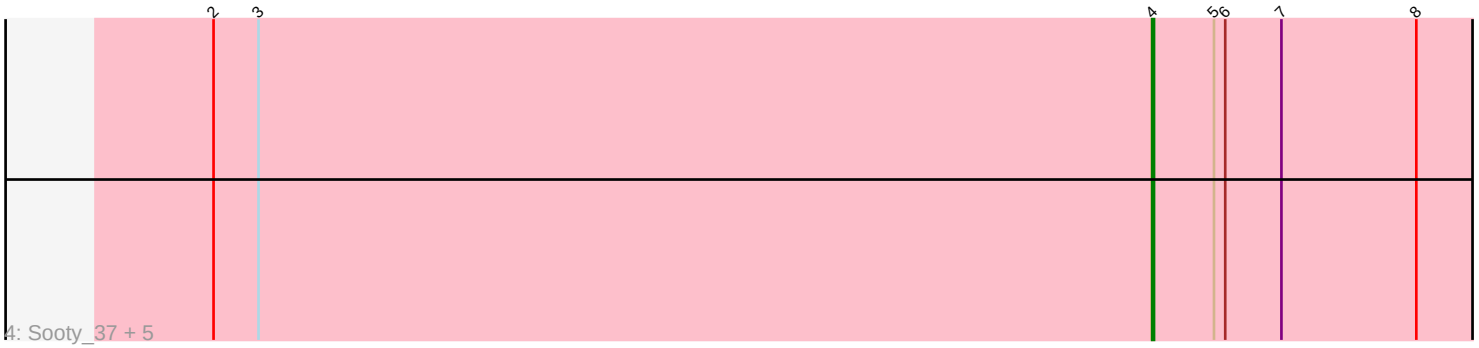
Pham 335502


1
2
3
4
5
7
8
1: Stuu_37


2
3
4
5
7
8
2: Halsey_37 + 2


4
5
7
8
3: SpecialK_37


2
3
4
5
6
7
8
4: Sooty_37 + 5

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 335502 Report

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

Pham number 335502 has 11 members, 0 are drafts.

Phages represented in each track:
• Track 1 : Stuu_37
• Track 2 : Halsey_37, Moss_37, Ashes_37
• Track 3 : SpecialK_37
• Track 4 : Sooty_37, Cappuccino_37, Sabourin_37, Kalimba_37, Donkey_37, Gambol_38

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

The start number called the most often in the published annotations is 4, it was called in 11 of the 11 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Ashes_37, Cappuccino_37, Donkey_37, Gambol_38, Halsey_37, Kalimba_37, Moss_37, Sabourin_37, Sooty_37, SpecialK_37, Stuu_37,

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 4:
• Found in 11 of 11 (100.0%) of genes in pham
• Manual Annotations of this start: 11 of 11
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Ashes_37 (AZ5), Cappuccino_37 (AZ5), Donkey_37 (AZ5), Gambol_38 (AZ5), Halsey_37 (AZ5), Kalimba_37 (AZ5), Moss_37 (AZ5), Sabourin_37 (AZ5), Sooty_37 (AZ5), SpecialK_37 (AZ5), Stuu_37 (AZ5),

Summary by clusters:

There is one cluster represented in this pham: AZ5

Info for manual annotations of cluster AZ5:
•Start number 4 was manually annotated 11 times for cluster AZ5.

Gene Information:

Gene: Ashes_37 Start: 27472, Stop: 27657, Start Num: 4
Candidate Starts for Ashes_37:
(2, 26974), (3, 26998), (Start: 4 @27472 has 11 MA's), (5, 27505), (7, 27541), (8, 27613),

Gene: Cappuccino_37 Start: 27342, Stop: 27527, Start Num: 4
Candidate Starts for Cappuccino_37:
(2, 26841), (3, 26865), (Start: 4 @27342 has 11 MA's), (5, 27375), (6, 27381), (7, 27411), (8, 27483),

Gene: Donkey_37 Start: 27332, Stop: 27517, Start Num: 4
Candidate Starts for Donkey_37:
(2, 26831), (3, 26855), (Start: 4 @27332 has 11 MA's), (5, 27365), (6, 27371), (7, 27401), (8, 27473),

Gene: Gambol_38 Start: 27351, Stop: 27536, Start Num: 4
Candidate Starts for Gambol_38:
(2, 26850), (3, 26874), (Start: 4 @27351 has 11 MA's), (5, 27384), (6, 27390), (7, 27420), (8, 27492),

Gene: Halsey_37 Start: 27477, Stop: 27662, Start Num: 4
Candidate Starts for Halsey_37:
(2, 26979), (3, 27003), (Start: 4 @27477 has 11 MA's), (5, 27510), (7, 27546), (8, 27618),

Gene: Kalimba_37 Start: 27329, Stop: 27514, Start Num: 4
Candidate Starts for Kalimba_37:
(2, 26828), (3, 26852), (Start: 4 @27329 has 11 MA's), (5, 27362), (6, 27368), (7, 27398), (8, 27470),

Gene: Moss_37 Start: 27418, Stop: 27603, Start Num: 4
Candidate Starts for Moss_37:
(2, 26920), (3, 26944), (Start: 4 @27418 has 11 MA's), (5, 27451), (7, 27487), (8, 27559),

Gene: Sabourin_37 Start: 27329, Stop: 27514, Start Num: 4
Candidate Starts for Sabourin_37:
(2, 26828), (3, 26852), (Start: 4 @27329 has 11 MA's), (5, 27362), (6, 27368), (7, 27398), (8, 27470),

Gene: Sooty_37 Start: 27344, Stop: 27529, Start Num: 4
Candidate Starts for Sooty_37:
(2, 26843), (3, 26867), (Start: 4 @27344 has 11 MA's), (5, 27377), (6, 27383), (7, 27413), (8, 27485),

Gene: SpecialK_37 Start: 27327, Stop: 27512, Start Num: 4
Candidate Starts for SpecialK_37:
(Start: 4 @27327 has 11 MA's), (5, 27360), (7, 27396), (8, 27468),

Gene: Stuu_37 Start: 27438, Stop: 27623, Start Num: 4
Candidate Starts for Stuu_37:
(1, 26859), (2, 26940), (3, 26964), (Start: 4 @27438 has 11 MA's), (5, 27471), (7, 27507), (8, 27579),