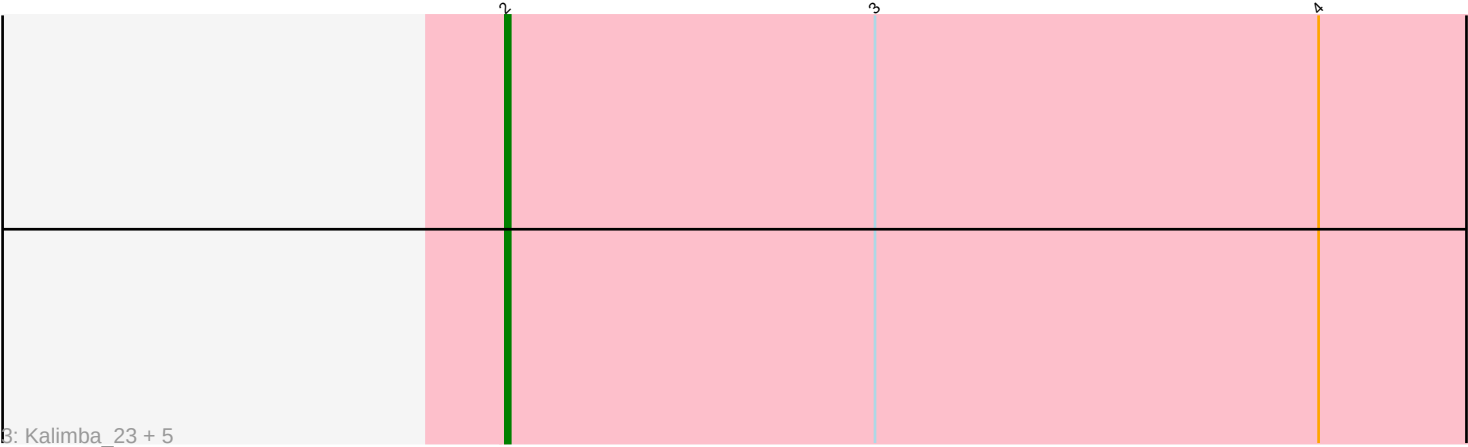
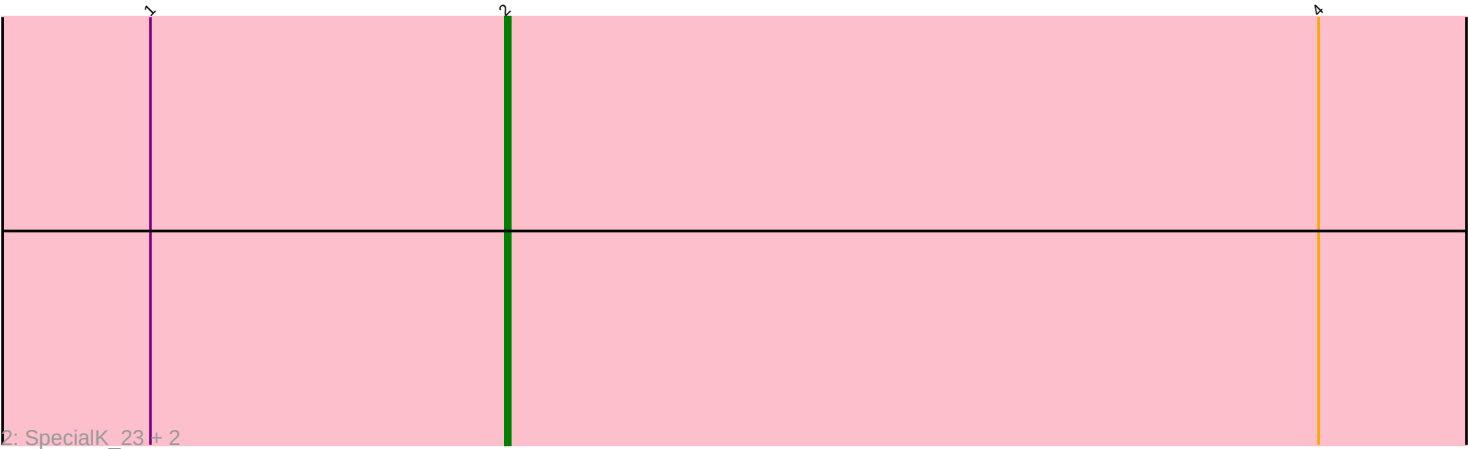
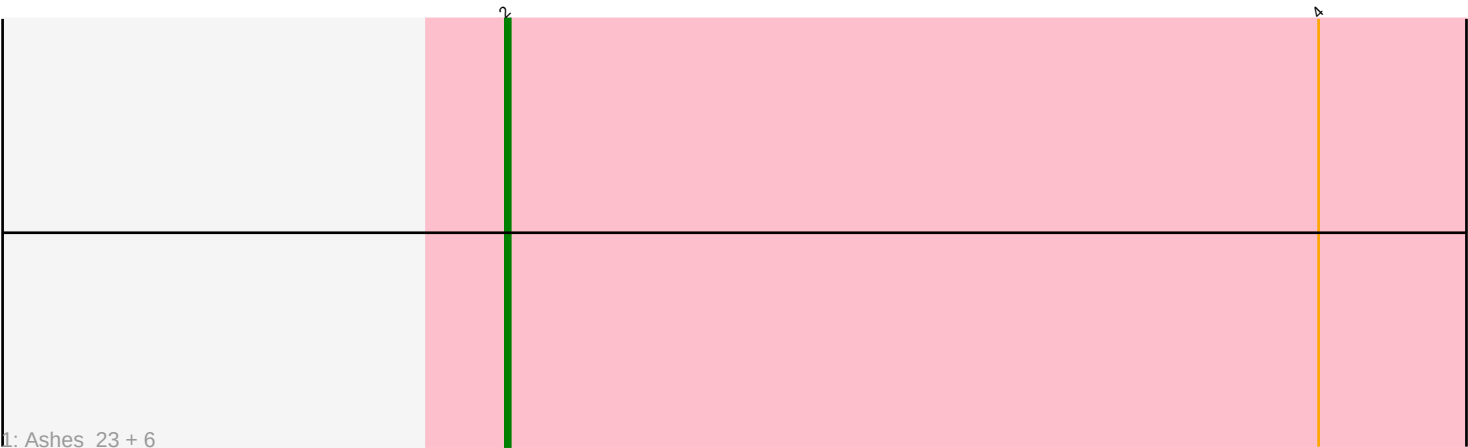




Note: Tracks are now grouped by subcluster and scaled. Switching in subcluster is indicated by changes in track color. Track scale is now set by default to display the region 30 bp upstream of start 1 to 30 bp downstream of the last possible start. If this default region is judged to be packed too tightly 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 284261 Report

This analysis was run 02/23/26 on database version 636.

Pham number 284261 has 16 members, 0 are drafts.

Phages represented in each track:

- Track 1 : Ashes_23, Giorgio_23, Beaupre_23, Mysteryum_23, RockScotty_23, Gumpizza_23, Stuu_23
- Track 2 : SpecialK_23, Halsey_23, Moss_23
- Track 3 : Kalimba_23, Sabourin_23, Donkey_23, Cappuccino_23, Gambol_23, Sooty_23

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

The start number called the most often in the published annotations is 2, it was called in 16 of the 16 non-draft genes in the pham.

Genes that call this "Most Annotated" start:

- Ashes_23, Beaupre_23, Cappuccino_23, Donkey_23, Gambol_23, Giorgio_23, Gumpizza_23, Halsey_23, Kalimba_23, Moss_23, Mysteryum_23, RockScotty_23, Sabourin_23, Sooty_23, SpecialK_23, Stuu_23,

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 2:

- Found in 16 of 16 (100.0%) of genes in pham
- Manual Annotations of this start: 16 of 16
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Ashes_23 (AZ5), Beaupre_23 (AZ5), Cappuccino_23 (AZ5), Donkey_23 (AZ5), Gambol_23 (AZ5), Giorgio_23 (AZ5), Gumpizza_23 (AZ5), Halsey_23 (AZ5), Kalimba_23 (AZ5), Moss_23 (AZ5), Mysteryum_23 (AZ5), RockScotty_23 (AZ5), Sabourin_23 (AZ5), Sooty_23 (AZ5), SpecialK_23 (AZ5), Stuu_23 (AZ5),

Summary by clusters:

There is one cluster represented in this pham: AZ5

Info for manual annotations of cluster AZ5:

- Start number 2 was manually annotated 16 times for cluster AZ5.

Gene Information:

Gene: Ashes_23 Start: 18268, Stop: 18474, Start Num: 2

Candidate Starts for Ashes_23:

(Start: 2 @18268 has 16 MA's), (4, 18433),

Gene: Beaupre_23 Start: 18269, Stop: 18475, Start Num: 2

Candidate Starts for Beaupre_23:

(Start: 2 @18269 has 16 MA's), (4, 18434),

Gene: Cappuccino_23 Start: 18179, Stop: 18385, Start Num: 2

Candidate Starts for Cappuccino_23:

(Start: 2 @18179 has 16 MA's), (3, 18254), (4, 18344),

Gene: Donkey_23 Start: 18179, Stop: 18385, Start Num: 2

Candidate Starts for Donkey_23:

(Start: 2 @18179 has 16 MA's), (3, 18254), (4, 18344),

Gene: Gambol_23 Start: 18179, Stop: 18385, Start Num: 2

Candidate Starts for Gambol_23:

(Start: 2 @18179 has 16 MA's), (3, 18254), (4, 18344),

Gene: Giorgio_23 Start: 18276, Stop: 18482, Start Num: 2

Candidate Starts for Giorgio_23:

(Start: 2 @18276 has 16 MA's), (4, 18441),

Gene: Gumpizza_23 Start: 18269, Stop: 18475, Start Num: 2

Candidate Starts for Gumpizza_23:

(Start: 2 @18269 has 16 MA's), (4, 18434),

Gene: Halsey_23 Start: 18274, Stop: 18480, Start Num: 2

Candidate Starts for Halsey_23:

(1, 18202), (Start: 2 @18274 has 16 MA's), (4, 18439),

Gene: Kalimba_23 Start: 18180, Stop: 18386, Start Num: 2

Candidate Starts for Kalimba_23:

(Start: 2 @18180 has 16 MA's), (3, 18255), (4, 18345),

Gene: Moss_23 Start: 18269, Stop: 18475, Start Num: 2

Candidate Starts for Moss_23:

(1, 18197), (Start: 2 @18269 has 16 MA's), (4, 18434),

Gene: Mysterium_23 Start: 18269, Stop: 18475, Start Num: 2

Candidate Starts for Mysterium_23:

(Start: 2 @18269 has 16 MA's), (4, 18434),

Gene: RockScotty_23 Start: 18245, Stop: 18451, Start Num: 2

Candidate Starts for RockScotty_23:

(Start: 2 @18245 has 16 MA's), (4, 18410),

Gene: Sabourin_23 Start: 18178, Stop: 18384, Start Num: 2

Candidate Starts for Sabourin_23:

(Start: 2 @18178 has 16 MA's), (3, 18253), (4, 18343),

Gene: Sooty_23 Start: 18181, Stop: 18387, Start Num: 2

Candidate Starts for Sooty_23:

(Start: 2 @18181 has 16 MA's), (3, 18256), (4, 18346),

Gene: SpecialK_23 Start: 18176, Stop: 18382, Start Num: 2

Candidate Starts for SpecialK_23:

(1, 18104), (Start: 2 @18176 has 16 MA's), (4, 18341),

Gene: Stuu_23 Start: 18268, Stop: 18474, Start Num: 2

Candidate Starts for Stuu_23:

(Start: 2 @18268 has 16 MA's), (4, 18433),