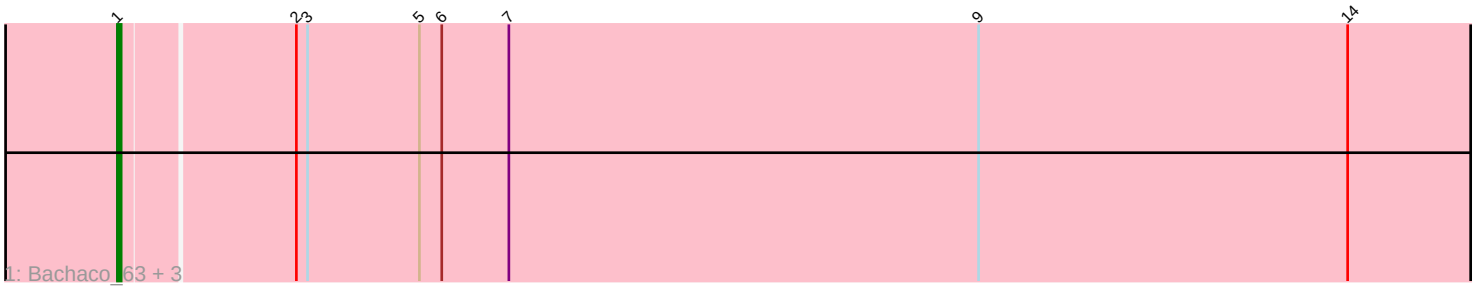
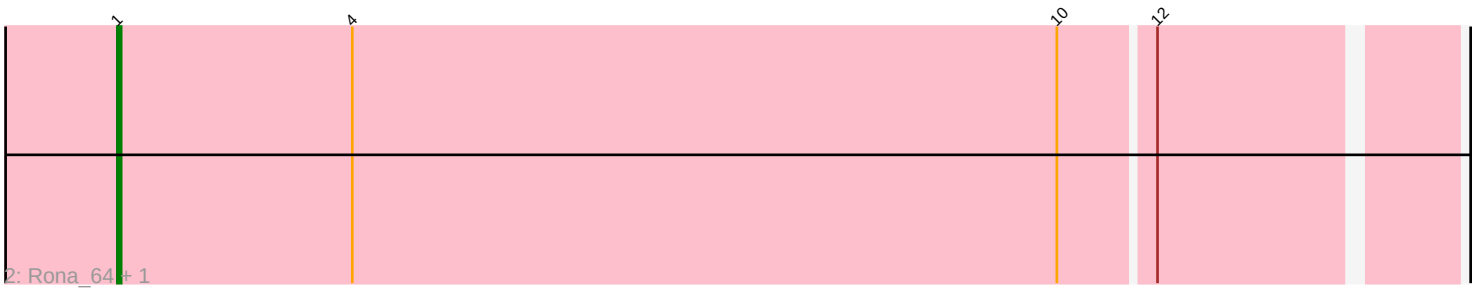
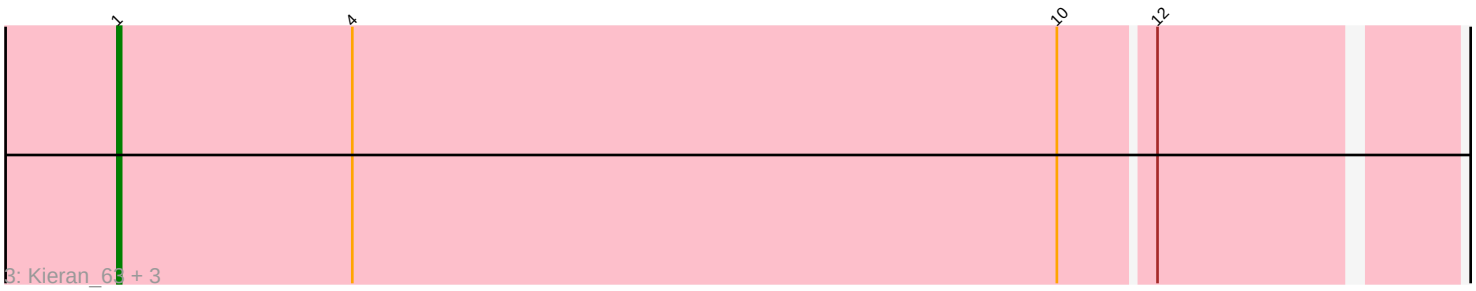
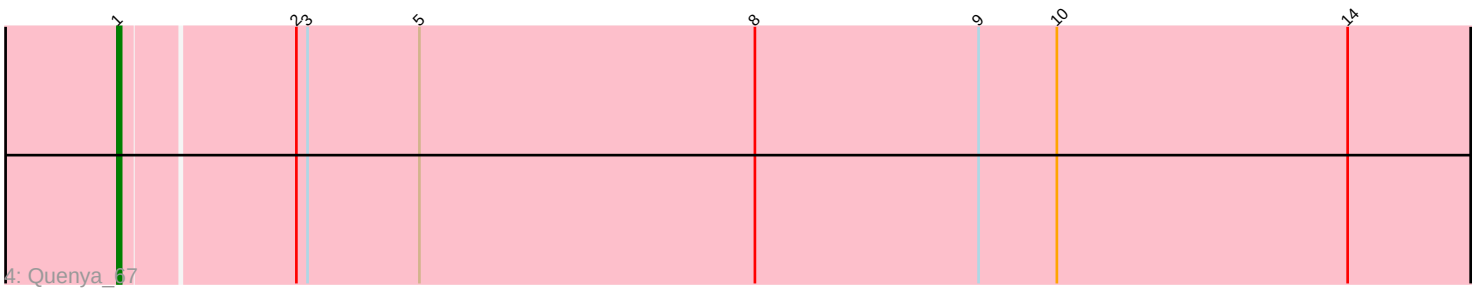
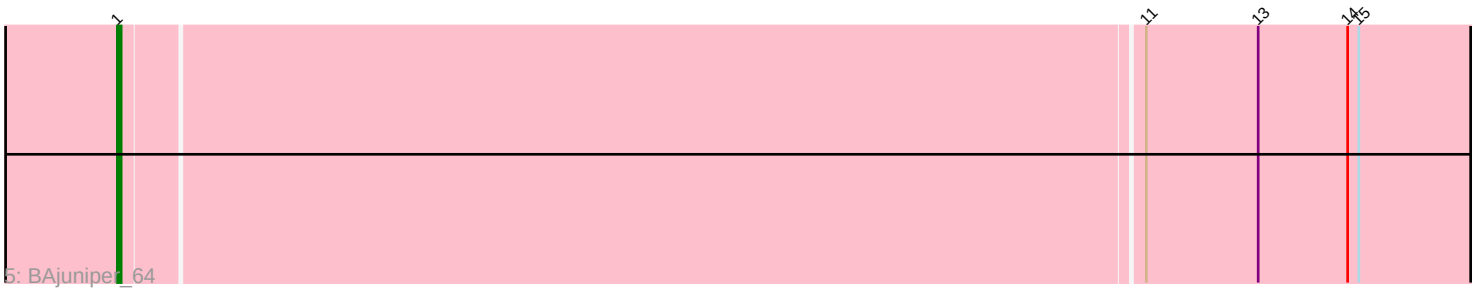
Pham 346335


1
2
3
5
6
7
9
14
1: Bachaco_63 + 3


1
4
10
12
2: Rona_64 + 1


1
4
10
12
3: Kieran_63 + 3


1
2
3
5
8
9
10
14
4: Quenya_67


1
11
13
14
15
5: BAjunipe1_64

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 346335 Report

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

Pham number 346335 has 12 members, 0 are drafts.

Phages represented in each track:
• Track 1 : Bachaco_63, FlameThrower_62, Katzastrophic_64, Celaena_63
• Track 2 : Rona_64, Dismas_65
• Track 3 : Kieran_63, Sharkboy_66, ChiliPepper_63, Kamdara_63
• Track 4 : Quenya_67
• Track 5 : BAjuniper_64

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 12 of the 12 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• BAjuniper_64, Bachaco_63, Celaena_63, ChiliPepper_63, Dismas_65, FlameThrower_62, Kamdara_63, Katzastrophic_64, Kieran_63, Quenya_67, Rona_64, Sharkboy_66,

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 12 of 12 (100.0%) of genes in pham
• Manual Annotations of this start: 12 of 12
• Called 100.0% of time when present
• Phage (with cluster) where this start called: BAjuniper_64 (EB), Bachaco_63 (EB), Celaena_63 (EB), ChiliPepper_63 (EB), Dismas_65 (EB), FlameThrower_62 (EB), Kamdara_63 (EB), Katzastrophic_64 (EB), Kieran_63 (EB), Quenya_67 (EB), Rona_64 (EB), Sharkboy_66 (EB),

Summary by clusters:

There is one cluster represented in this pham: EB

Info for manual annotations of cluster EB:
•Start number 1 was manually annotated 12 times for cluster EB.

Gene Information:

Gene: BAjuniper_64 Start: 40548, Stop: 40928, Start Num: 1
Candidate Starts for BAjuniper_64:
(Start: 1 @40548 has 12 MA's), (11, 40818), (13, 40848), (14, 40872), (15, 40875),

Gene: Bachaco_63 Start: 41227, Stop: 41607, Start Num: 1
Candidate Starts for Bachaco_63:
(Start: 1 @41227 has 12 MA's), (2, 41272), (3, 41275), (5, 41305), (6, 41311), (7, 41329), (9, 41455), (14, 41554),

Gene: Celaena_63 Start: 40990, Stop: 41370, Start Num: 1
Candidate Starts for Celaena_63:
(Start: 1 @40990 has 12 MA's), (2, 41035), (3, 41038), (5, 41068), (6, 41074), (7, 41092), (9, 41218), (14, 41317),

Gene: ChiliPepper_63 Start: 40454, Stop: 40804, Start Num: 1
Candidate Starts for ChiliPepper_63:
(Start: 1 @40454 has 12 MA's), (4, 40517), (10, 40706), (12, 40730),

Gene: Dismas_65 Start: 40592, Stop: 40942, Start Num: 1
Candidate Starts for Dismas_65:
(Start: 1 @40592 has 12 MA's), (4, 40655), (10, 40844), (12, 40868),

Gene: FlameThrower_62 Start: 40026, Stop: 40406, Start Num: 1
Candidate Starts for FlameThrower_62:
(Start: 1 @40026 has 12 MA's), (2, 40071), (3, 40074), (5, 40104), (6, 40110), (7, 40128), (9, 40254), (14, 40353),

Gene: Kamdara_63 Start: 40413, Stop: 40763, Start Num: 1
Candidate Starts for Kamdara_63:
(Start: 1 @40413 has 12 MA's), (4, 40476), (10, 40665), (12, 40689),

Gene: Katzastrophic_64 Start: 40536, Stop: 40916, Start Num: 1
Candidate Starts for Katzastrophic_64:
(Start: 1 @40536 has 12 MA's), (2, 40581), (3, 40584), (5, 40614), (6, 40620), (7, 40638), (9, 40764), (14, 40863),

Gene: Kieran_63 Start: 40416, Stop: 40766, Start Num: 1
Candidate Starts for Kieran_63:
(Start: 1 @40416 has 12 MA's), (4, 40479), (10, 40668), (12, 40692),

Gene: Quenya_67 Start: 40867, Stop: 41247, Start Num: 1
Candidate Starts for Quenya_67:

(Start: 1 @40867 has 12 MA's), (2, 40912), (3, 40915), (5, 40945), (8, 41035), (9, 41095), (10, 41116), (14, 41194),

Gene: Rona_64 Start: 40583, Stop: 40933, Start Num: 1
Candidate Starts for Rona_64:
(Start: 1 @40583 has 12 MA's), (4, 40646), (10, 40835), (12, 40859),

Gene: Sharkboy_66 Start: 40947, Stop: 41297, Start Num: 1
Candidate Starts for Sharkboy_66:
(Start: 1 @40947 has 12 MA's), (4, 41010), (10, 41199), (12, 41223),