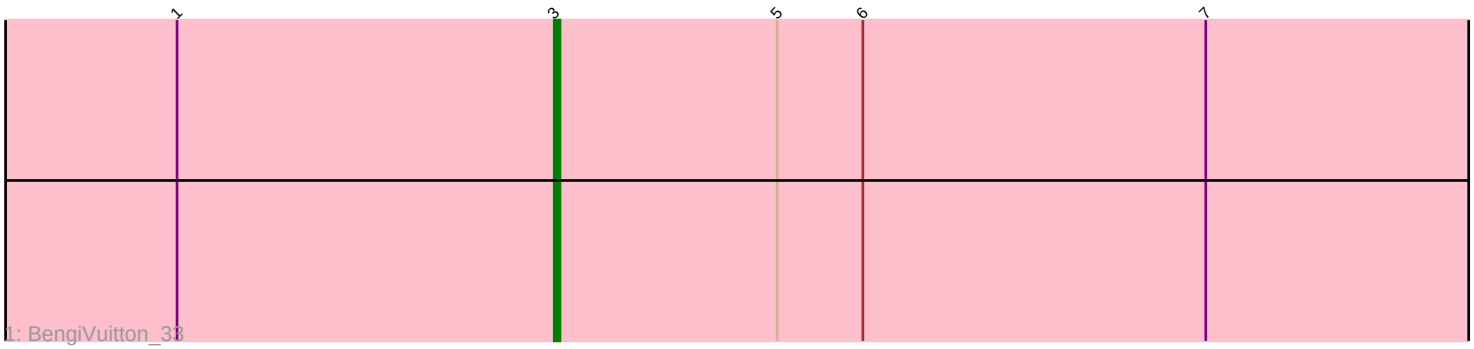
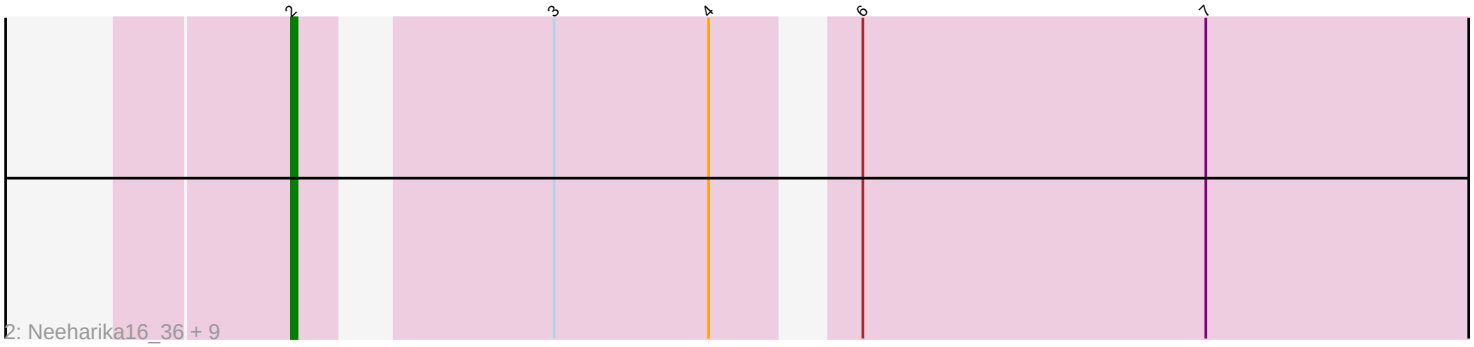
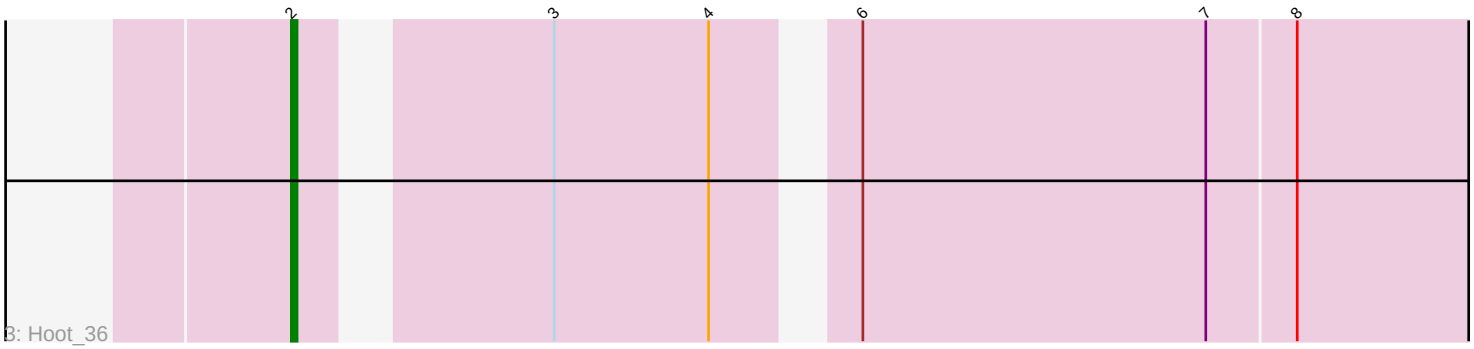
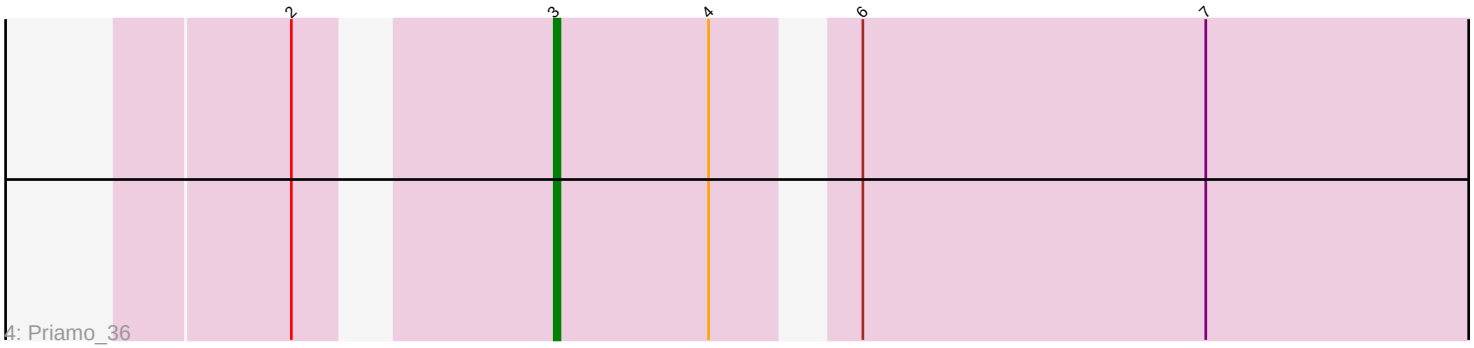
Pham 335433


1
3
5
6
7
1: BengiVuitton_38


2
3
4
6
7
2: Neeharika16_36 + 9


2
3
4
6
7
8
3: Hoot_36


2
3
4
6
7
4: Priamo_36

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 335433 Report

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

Pham number 335433 has 13 members, 0 are drafts.

Phages represented in each track:
• Track 1 : BengiVuitton_33
• Track 2 : Neeharika16_36, SuperAwesome_36, Jordennis_36, Gruunaga_36, BlessJoy_36, Polyphemus_36, Newrala_36, Cookiedough_36, JewelBug_36, Blinn1_36
• Track 3 : Hoot_36
• Track 4 : Priamo_36

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 11 of the 13 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• BlessJoy_36, Blinn1_36, Cookiedough_36, Gruunaga_36, Hoot_36, JewelBug_36, Jordennis_36, Neeharika16_36, Newrala_36, Polyphemus_36, SuperAwesome_36,

Genes that have the "Most Annotated" start but do not call it:
• Priamo_36,

Genes that do not have the "Most Annotated" start:
• BengiVuitton_33,

Summary by start number:

Start 2:
• Found in 12 of 13 (92.3%) of genes in pham
• Manual Annotations of this start: 11 of 13
• Called 91.7% of time when present
• Phage (with cluster) where this start called: BlessJoy_36 (A6), Blinn1_36 (A6), Cookiedough_36 (A6), Gruunaga_36 (A6), Hoot_36 (A6), JewelBug_36 (A6), Jordennis_36 (A6), Neeharika16_36 (A6), Newrala_36 (A6), Polyphemus_36 (A6), SuperAwesome_36 (A6),

Start 3:

• Found in 13 of 13 (100.0%) of genes in pham
• Manual Annotations of this start: 2 of 13
• Called 15.4% of time when present
• Phage (with cluster) where this start called: BengiVuitton_33 (A2), Priamo_36 (A6),

Summary by clusters:

There are 2 clusters represented in this pham: A2, A6,

Info for manual annotations of cluster A2:
•Start number 3 was manually annotated 1 time for cluster A2.

Info for manual annotations of cluster A6:
•Start number 2 was manually annotated 11 times for cluster A6.
•Start number 3 was manually annotated 1 time for cluster A6.

Gene Information:

Gene: BengiVuitton_33 Start: 25416, Stop: 25652, Start Num: 3
Candidate Starts for BengiVuitton_33:
(1, 25350), (Start: 3 @25416 has 2 MA's), (5, 25455), (6, 25470), (7, 25530),

Gene: BlessJoy_36 Start: 24213, Stop: 24470, Start Num: 2
Candidate Starts for BlessJoy_36:
(Start: 2 @24213 has 11 MA's), (Start: 3 @24249 has 2 MA's), (4, 24276), (6, 24294), (7, 24354),

Gene: Blinn1_36 Start: 24284, Stop: 24541, Start Num: 2
Candidate Starts for Blinn1_36:
(Start: 2 @24284 has 11 MA's), (Start: 3 @24320 has 2 MA's), (4, 24347), (6, 24365), (7, 24425),

Gene: Cookiedough_36 Start: 24211, Stop: 24417, Start Num: 2
Candidate Starts for Cookiedough_36:
(Start: 2 @24211 has 11 MA's), (Start: 3 @24247 has 2 MA's), (4, 24274), (6, 24292), (7, 24352),

Gene: Gruunaga_36 Start: 24206, Stop: 24463, Start Num: 2
Candidate Starts for Gruunaga_36:
(Start: 2 @24206 has 11 MA's), (Start: 3 @24242 has 2 MA's), (4, 24269), (6, 24287), (7, 24347),

Gene: Hoot_36 Start: 24197, Stop: 24391, Start Num: 2
Candidate Starts for Hoot_36:
(Start: 2 @24197 has 11 MA's), (Start: 3 @24233 has 2 MA's), (4, 24260), (6, 24278), (7, 24338), (8, 24353),

Gene: JewelBug_36 Start: 24223, Stop: 24480, Start Num: 2
Candidate Starts for JewelBug_36:
(Start: 2 @24223 has 11 MA's), (Start: 3 @24259 has 2 MA's), (4, 24286), (6, 24304), (7, 24364),

Gene: Jordennis_36 Start: 24208, Stop: 24465, Start Num: 2
Candidate Starts for Jordennis_36:
(Start: 2 @24208 has 11 MA's), (Start: 3 @24244 has 2 MA's), (4, 24271), (6, 24289), (7, 24349),

Gene: Neeharika16_36 Start: 24211, Stop: 24468, Start Num: 2
Candidate Starts for Neeharika16_36:
(Start: 2 @24211 has 11 MA's), (Start: 3 @24247 has 2 MA's), (4, 24274), (6, 24292), (7, 24352),

Gene: Newrala_36 Start: 24211, Stop: 24468, Start Num: 2
Candidate Starts for Newrala_36:
(Start: 2 @24211 has 11 MA's), (Start: 3 @24247 has 2 MA's), (4, 24274), (6, 24292), (7, 24352),

Gene: Polyphemus_36 Start: 24210, Stop: 24467, Start Num: 2
Candidate Starts for Polyphemus_36:
(Start: 2 @24210 has 11 MA's), (Start: 3 @24246 has 2 MA's), (4, 24273), (6, 24291), (7, 24351),

Gene: Priamo_36 Start: 24297, Stop: 24518, Start Num: 3
Candidate Starts for Priamo_36:
(Start: 2 @24261 has 11 MA's), (Start: 3 @24297 has 2 MA's), (4, 24324), (6, 24342), (7, 24402),

Gene: SuperAwesome_36 Start: 24211, Stop: 24468, Start Num: 2
Candidate Starts for SuperAwesome_36:
(Start: 2 @24211 has 11 MA's), (Start: 3 @24247 has 2 MA's), (4, 24274), (6, 24292), (7, 24352),