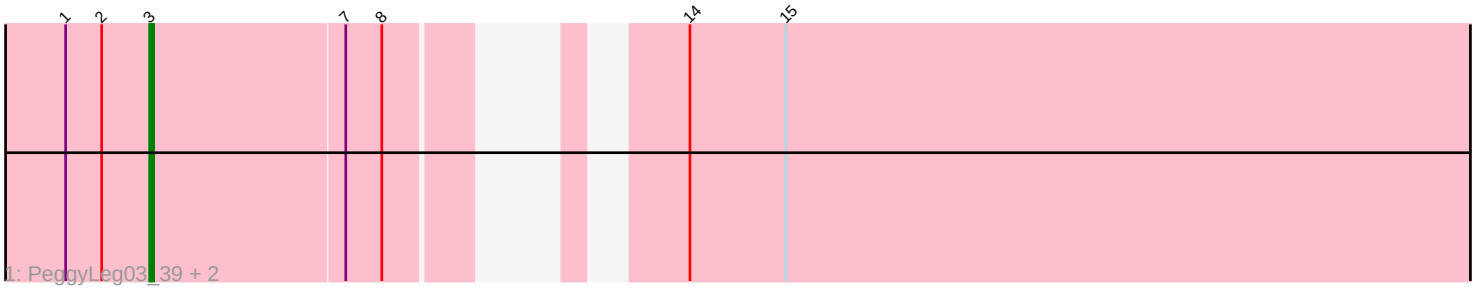
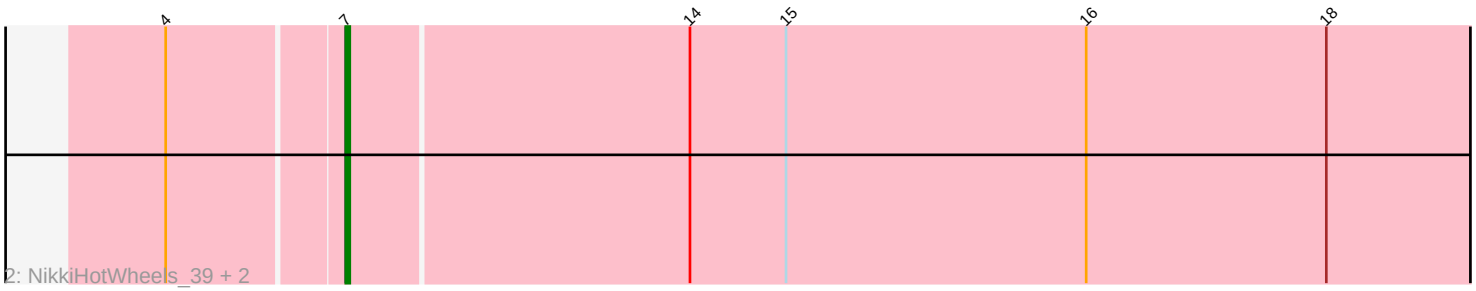
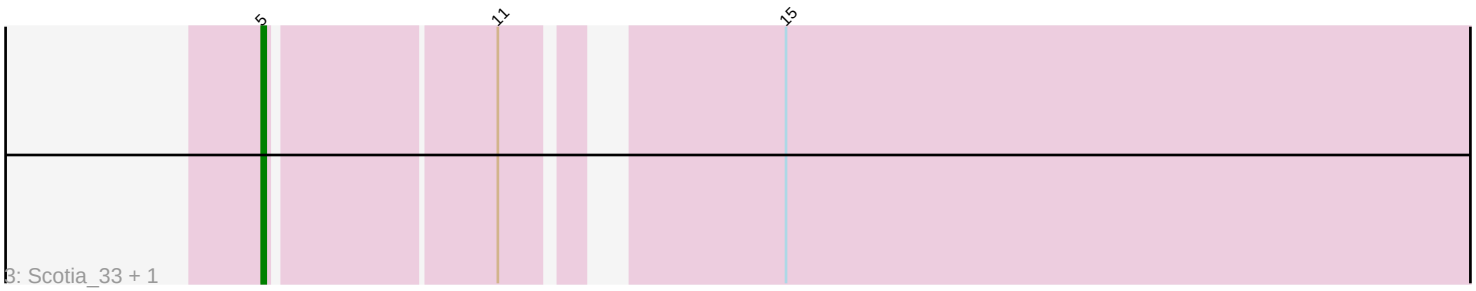
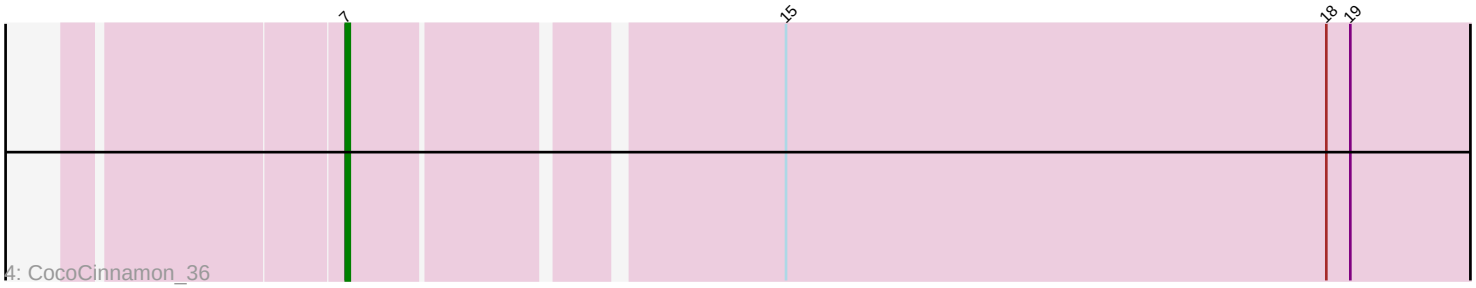
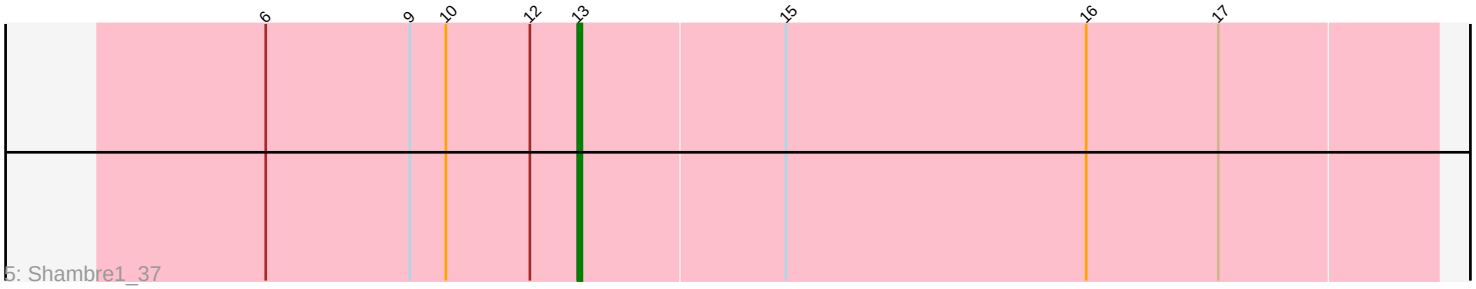
Pham 348247


1
2
3
7
8
14
15
1: PeggyLeg03_39 + 2


4
7
14
15
16
18
2: NikkiHotWheels_39 + 2


5
11
15
3: Scotia_33 + 1


7
15
18
19
4: CocoCinnamon_36


6
9
10
12
13
15
16
17
5: Shambre1_37

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 348247 Report

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

Pham number 348247 has 10 members, 2 are drafts.

Phages represented in each track:
• Track 1 : PeggyLeg03_39, Pucara_36, Karkharias_39
• Track 2 : NikkiHotWheels_39, Henrique_39, HotPotato_38
• Track 3 : Scotia_33, NoSwimming_35
• Track 4 : CocoCinnamon_36
• Track 5 : Shambre1_37

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

The start number called the most often in the published annotations is 7, it was called in 3 of the 8 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• CocoCinnamon_36, Henrique_39, HotPotato_38, NikkiHotWheels_39,

Genes that have the "Most Annotated" start but do not call it:
• Karkharias_39, PeggyLeg03_39, Pucara_36,

Genes that do not have the "Most Annotated" start:
• NoSwimming_35, Scotia_33, Shambre1_37,

Summary by start number:

Start 3:
• Found in 3 of 10 (30.0%) of genes in pham
• Manual Annotations of this start: 2 of 8
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Karkharias_39 (FA), PeggyLeg03_39 (FA), Pucara_36 (FA),

Start 5:
• Found in 2 of 10 (20.0%) of genes in pham
• Manual Annotations of this start: 2 of 8
• Called 100.0% of time when present
• Phage (with cluster) where this start called: NoSwimming_35 (FO), Scotia_33 (FO),

Start 7:
• Found in 7 of 10 (70.0%) of genes in pham
• Manual Annotations of this start: 3 of 8
• Called 57.1% of time when present
• Phage (with cluster) where this start called: CocoCinnamon_36 (FO), Henrique_39 (FA), HotPotato_38 (FA), NikkiHotWheels_39 (FA),

Start 13:
• Found in 1 of 10 (10.0%) of genes in pham
• Manual Annotations of this start: 1 of 8
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Shambre1_37 (singleton),

Summary by clusters:

There are 3 clusters represented in this pham: FA, singleton, FO,

Info for manual annotations of cluster FA:
•Start number 3 was manually annotated 2 times for cluster FA.
•Start number 7 was manually annotated 2 times for cluster FA.

Info for manual annotations of cluster FO:
•Start number 5 was manually annotated 2 times for cluster FO.
•Start number 7 was manually annotated 1 time for cluster FO.

Gene Information:

Gene: CocoCinnamon_36 Start: 26265, Stop: 26552, Start Num: 7
Candidate Starts for CocoCinnamon_36:
(Start: 7 @26265 has 3 MA's), (15, 26364), (18, 26499), (19, 26505),

Gene: Henrique_39 Start: 27776, Stop: 28075, Start Num: 7
Candidate Starts for Henrique_39:
(4, 27734), (Start: 7 @27776 has 3 MA's), (14, 27860), (15, 27884), (16, 27959), (18, 28019),

Gene: HotPotato_38 Start: 28340, Stop: 28639, Start Num: 7
Candidate Starts for HotPotato_38:
(4, 28298), (Start: 7 @28340 has 3 MA's), (14, 28424), (15, 28448), (16, 28523), (18, 28583),

Gene: Karkharias_39 Start: 28202, Stop: 28516, Start Num: 3
Candidate Starts for Karkharias_39:
(1, 28181), (2, 28190), (Start: 3 @28202 has 2 MA's), (Start: 7 @28250 has 3 MA's), (8, 28259), (14, 28301), (15, 28325),

Gene: NikkiHotWheels_39 Start: 27769, Stop: 28068, Start Num: 7
Candidate Starts for NikkiHotWheels_39:
(4, 27727), (Start: 7 @27769 has 3 MA's), (14, 27853), (15, 27877), (16, 27952), (18, 28012),

Gene: NoSwimming_35 Start: 27992, Stop: 28291, Start Num: 5
Candidate Starts for NoSwimming_35:

(Start: 5 @27992 has 2 MA's), (11, 28046), (15, 28103),

Gene: PeggyLeg03_39 Start: 28437, Stop: 28751, Start Num: 3
Candidate Starts for PeggyLeg03_39:
(1, 28416), (2, 28425), (Start: 3 @28437 has 2 MA's), (Start: 7 @28485 has 3 MA's), (8, 28494), (14, 28536), (15, 28560),

Gene: Pucara_36 Start: 28042, Stop: 28356, Start Num: 3
Candidate Starts for Pucara_36:
(1, 28021), (2, 28030), (Start: 3 @28042 has 2 MA's), (Start: 7 @28090 has 3 MA's), (8, 28099), (14, 28141), (15, 28165),

Gene: Scotia_33 Start: 27033, Stop: 27332, Start Num: 5
Candidate Starts for Scotia_33:
(Start: 5 @27033 has 2 MA's), (11, 27087), (15, 27144),

Gene: Shambre1_37 Start: 25536, Stop: 25748, Start Num: 13
Candidate Starts for Shambre1_37:
(6, 25458), (9, 25494), (10, 25503), (12, 25524), (Start: 13 @25536 has 1 MA's), (15, 25587), (16, 25662), (17, 25695),