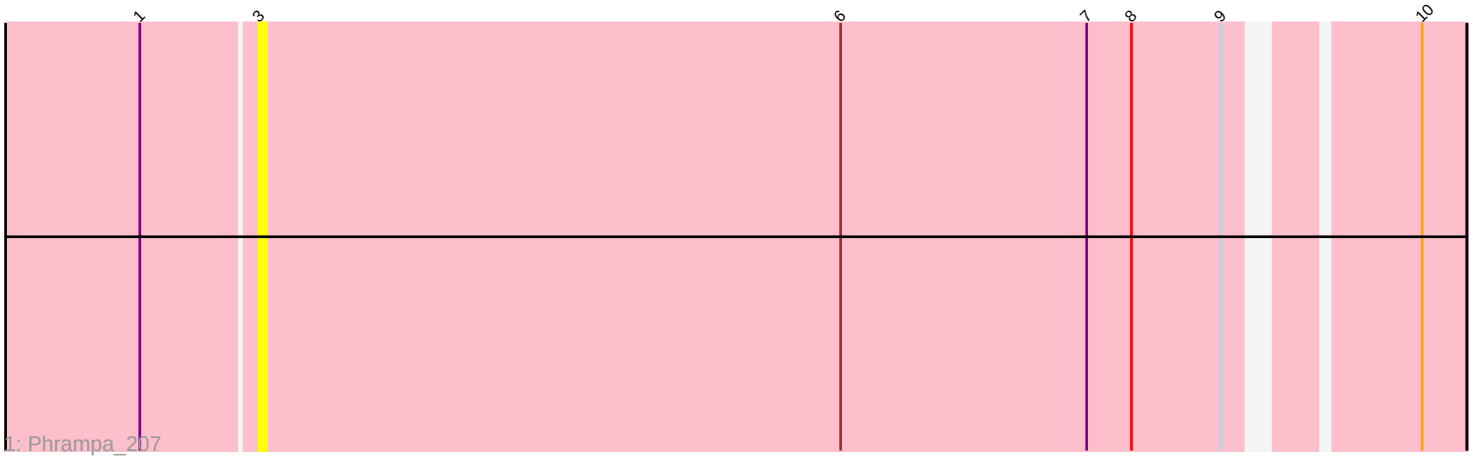
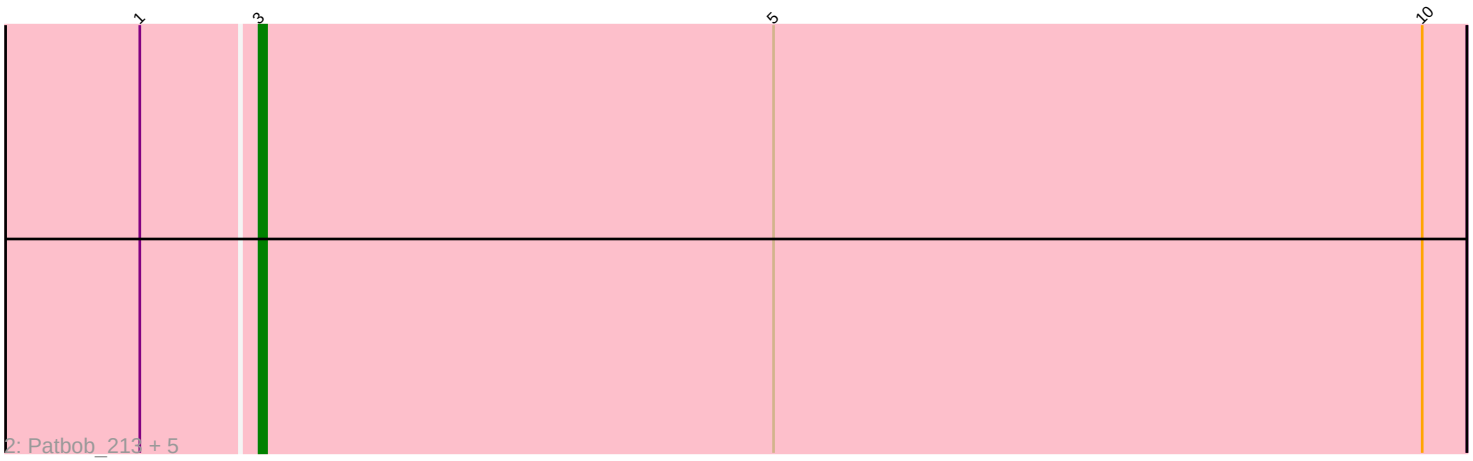
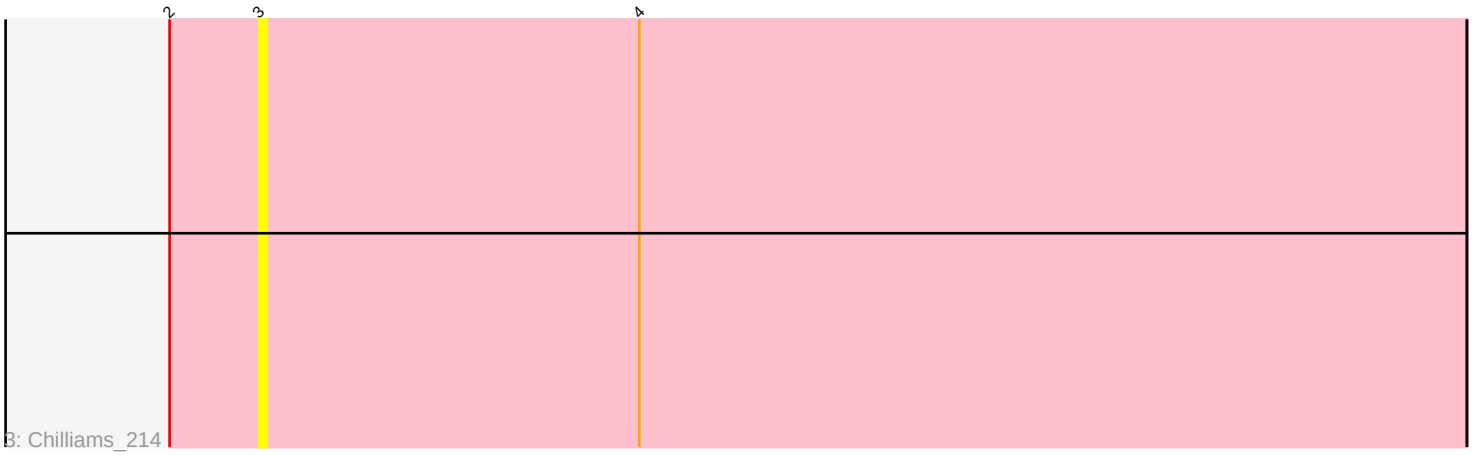
Pham 203607


1
3
6
7
8
9
10
1: Phrampa_207


1
3
5
10
2: Patbob_213 + 5


2
3
4
3: Chilliams_214

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 203607 Report

This analysis was run 01/18/25 on database version 583.

Pham number 203607 has 8 members, 6 are drafts.

Phages represented in each track:
• Track 1 : Phrampa_207
• Track 2 : Patbob_213, Talia1610_214, GoldenEssence_202, Bloom_217, Racecar_214, Mimi_218
• Track 3 : Chilliams_214

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

The start number called the most often in the published annotations is 3, it was called in 2 of the 2 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Bloom_217, Chilliams_214, GoldenEssence_202, Mimi_218, Patbob_213, Phrampa_207, Racecar_214, Talia1610_214,

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 3:
• Found in 8 of 8 (100.0%) of genes in pham
• Manual Annotations of this start: 2 of 2
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Bloom_217 (FC), Chilliams_214 (FC), GoldenEssence_202 (FC), Mimi_218 (FC), Patbob_213 (FC), Phrampa_207 (FC), Racecar_214 (FC), Talia1610_214 (FC),

Summary by clusters:

There is one cluster represented in this pham: FC

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

Gene Information:

Gene: Bloom_217 Start: 146106, Stop: 146267, Start Num: 3
Candidate Starts for Bloom_217:
(1, 146091), (Start: 3 @146106 has 2 MA's), (5, 146175), (10, 146262),

Gene: Chilliams_214 Start: 142193, Stop: 142354, Start Num: 3
Candidate Starts for Chilliams_214:
(2, 142181), (Start: 3 @142193 has 2 MA's), (4, 142244),

Gene: GoldenEssence_202 Start: 140082, Stop: 140243, Start Num: 3
Candidate Starts for GoldenEssence_202:
(1, 140067), (Start: 3 @140082 has 2 MA's), (5, 140151), (10, 140238),

Gene: Mimi_218 Start: 145481, Stop: 145642, Start Num: 3
Candidate Starts for Mimi_218:
(1, 145466), (Start: 3 @145481 has 2 MA's), (5, 145550), (10, 145637),

Gene: Patbob_213 Start: 145879, Stop: 146040, Start Num: 3
Candidate Starts for Patbob_213:
(1, 145864), (Start: 3 @145879 has 2 MA's), (5, 145948), (10, 146035),

Gene: Phrampa_207 Start: 146340, Stop: 146495, Start Num: 3
Candidate Starts for Phrampa_207:
(1, 146325), (Start: 3 @146340 has 2 MA's), (6, 146418), (7, 146451), (8, 146457), (9, 146469), (10, 146490),

Gene: Racecar_214 Start: 145861, Stop: 146022, Start Num: 3
Candidate Starts for Racecar_214:
(1, 145846), (Start: 3 @145861 has 2 MA's), (5, 145930), (10, 146017),

Gene: Talia1610_214 Start: 145890, Stop: 146051, Start Num: 3
Candidate Starts for Talia1610_214:
(1, 145875), (Start: 3 @145890 has 2 MA's), (5, 145959), (10, 146046),