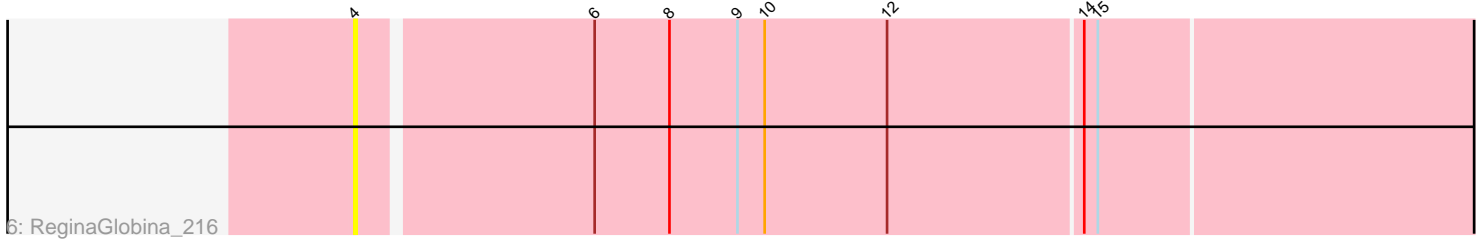
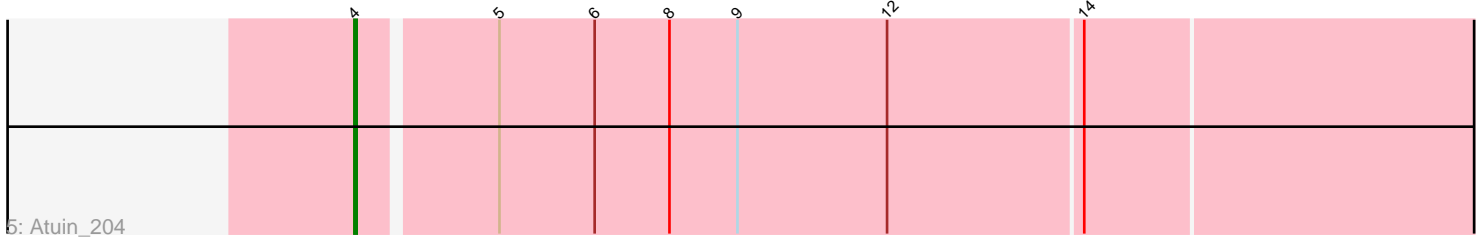
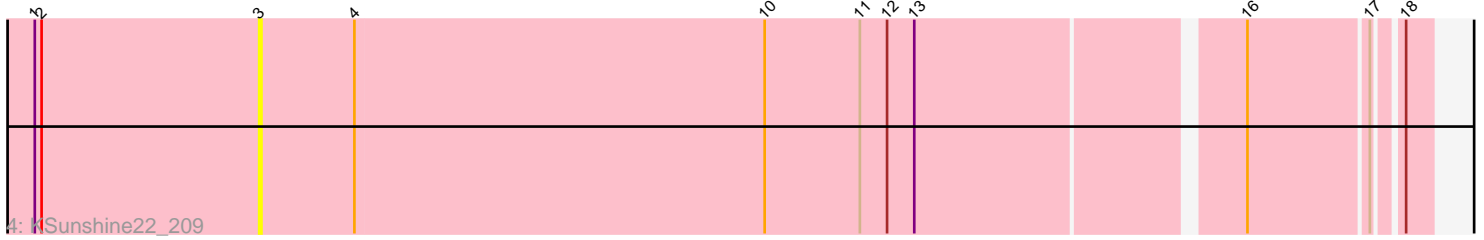
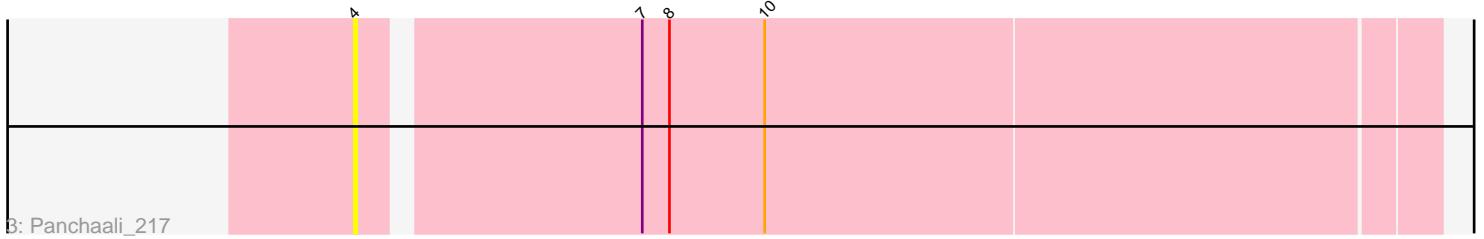
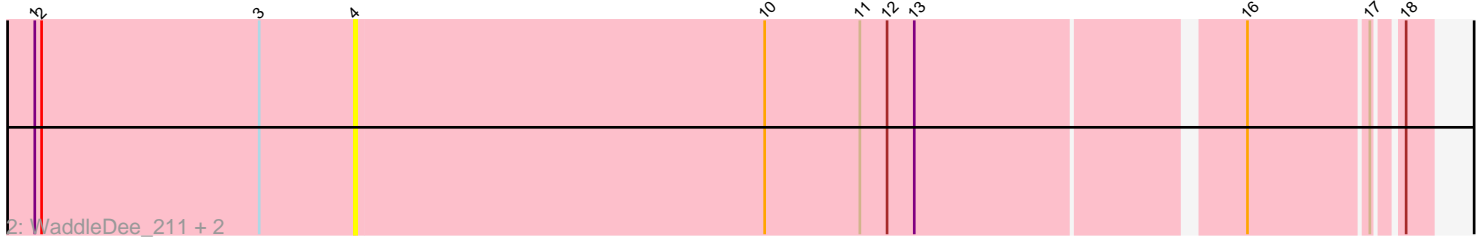
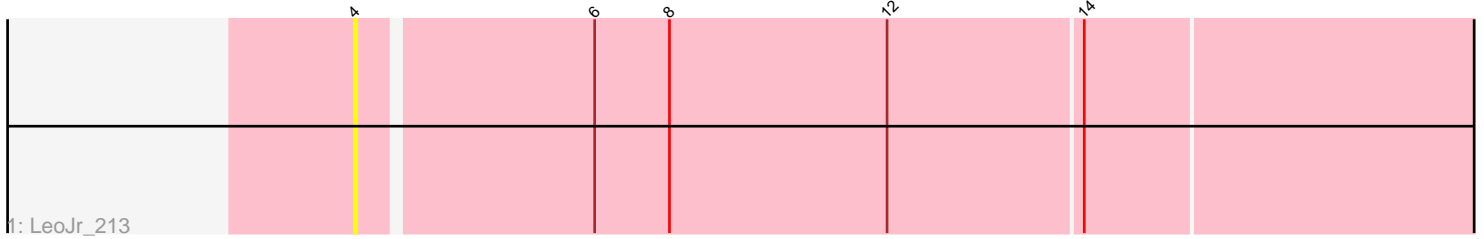


Pham 207492



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 207492 Report

This analysis was run 02/22/25 on database version 588.

Pham number 207492 has 8 members, 7 are drafts.

Phages represented in each track:

- Track 1 : LeoJr_213
- Track 2 : WaddleDee_211, Ellewin_210, DunneganBoMo_213
- Track 3 : Panchaali_217
- Track 4 : KSunshine22_209
- Track 5 : Atuin_204
- Track 6 : ReginaGlobina_216

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

The start number called the most often in the published annotations is 4, it was called in 1 of the 1 non-draft genes in the pham.

Genes that call this "Most Annotated" start:

- Atuin_204, DunneganBoMo_213, Ellewin_210, LeoJr_213, Panchaali_217, ReginaGlobina_216, WaddleDee_211,

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

- KSunshine22_209,

Genes that do not have the "Most Annotated" start:

-

Summary by start number:

Start 3:

- Found in 4 of 8 (50.0%) of genes in pham
- No Manual Annotations of this start.
- Called 25.0% of time when present
- Phage (with cluster) where this start called: KSunshine22_209 (FC),

Start 4:

- Found in 8 of 8 (100.0%) of genes in pham
- Manual Annotations of this start: 1 of 1
- Called 87.5% of time when present

- Phage (with cluster) where this start called: Atuin_204 (FC), DunneganBoMo_213 (FC), Ellewin_210 (FC), LeoJr_213 (FC), Panchaali_217 (FC), ReginaGlobina_216 (FC), WaddleDee_211 (FC),

Summary by clusters:

There is one cluster represented in this pham: FC

Info for manual annotations of cluster FC:

- Start number 4 was manually annotated 1 time for cluster FC.

Gene Information:

Gene: Atuin_204 Start: 143224, Stop: 143715, Start Num: 4

Candidate Starts for Atuin_204:

(Start: 4 @143224 has 1 MA's), (5, 143281), (6, 143323), (8, 143356), (9, 143386), (12, 143452), (14, 143536),

Gene: DunneganBoMo_213 Start: 149014, Stop: 149466, Start Num: 4

Candidate Starts for DunneganBoMo_213:

(1, 148873), (2, 148876), (3, 148972), (Start: 4 @149014 has 1 MA's), (10, 149194), (11, 149236), (12, 149248), (13, 149260), (16, 149395), (17, 149446), (18, 149455),

Gene: Ellewin_210 Start: 148281, Stop: 148733, Start Num: 4

Candidate Starts for Ellewin_210:

(1, 148140), (2, 148143), (3, 148239), (Start: 4 @148281 has 1 MA's), (10, 148461), (11, 148503), (12, 148515), (13, 148527), (16, 148662), (17, 148713), (18, 148722),

Gene: KSunshine22_209 Start: 147650, Stop: 148144, Start Num: 3

Candidate Starts for KSunshine22_209:

(1, 147551), (2, 147554), (3, 147650), (Start: 4 @147692 has 1 MA's), (10, 147872), (11, 147914), (12, 147926), (13, 147938), (16, 148073), (17, 148124), (18, 148133),

Gene: LeoJr_213 Start: 143395, Stop: 143886, Start Num: 4

Candidate Starts for LeoJr_213:

(Start: 4 @143395 has 1 MA's), (6, 143494), (8, 143527), (12, 143623), (14, 143707),

Gene: Panchaali_217 Start: 149616, Stop: 150074, Start Num: 4

Candidate Starts for Panchaali_217:

(Start: 4 @149616 has 1 MA's), (7, 149730), (8, 149742), (10, 149784),

Gene: ReginaGlobina_216 Start: 144680, Stop: 145171, Start Num: 4

Candidate Starts for ReginaGlobina_216:

(Start: 4 @144680 has 1 MA's), (6, 144779), (8, 144812), (9, 144842), (10, 144854), (12, 144908), (14, 144992), (15, 144998),

Gene: WaddleDee_211 Start: 147475, Stop: 147927, Start Num: 4

Candidate Starts for WaddleDee_211:

(1, 147334), (2, 147337), (3, 147433), (Start: 4 @147475 has 1 MA's), (10, 147655), (11, 147697), (12, 147709), (13, 147721), (16, 147856), (17, 147907), (18, 147916),