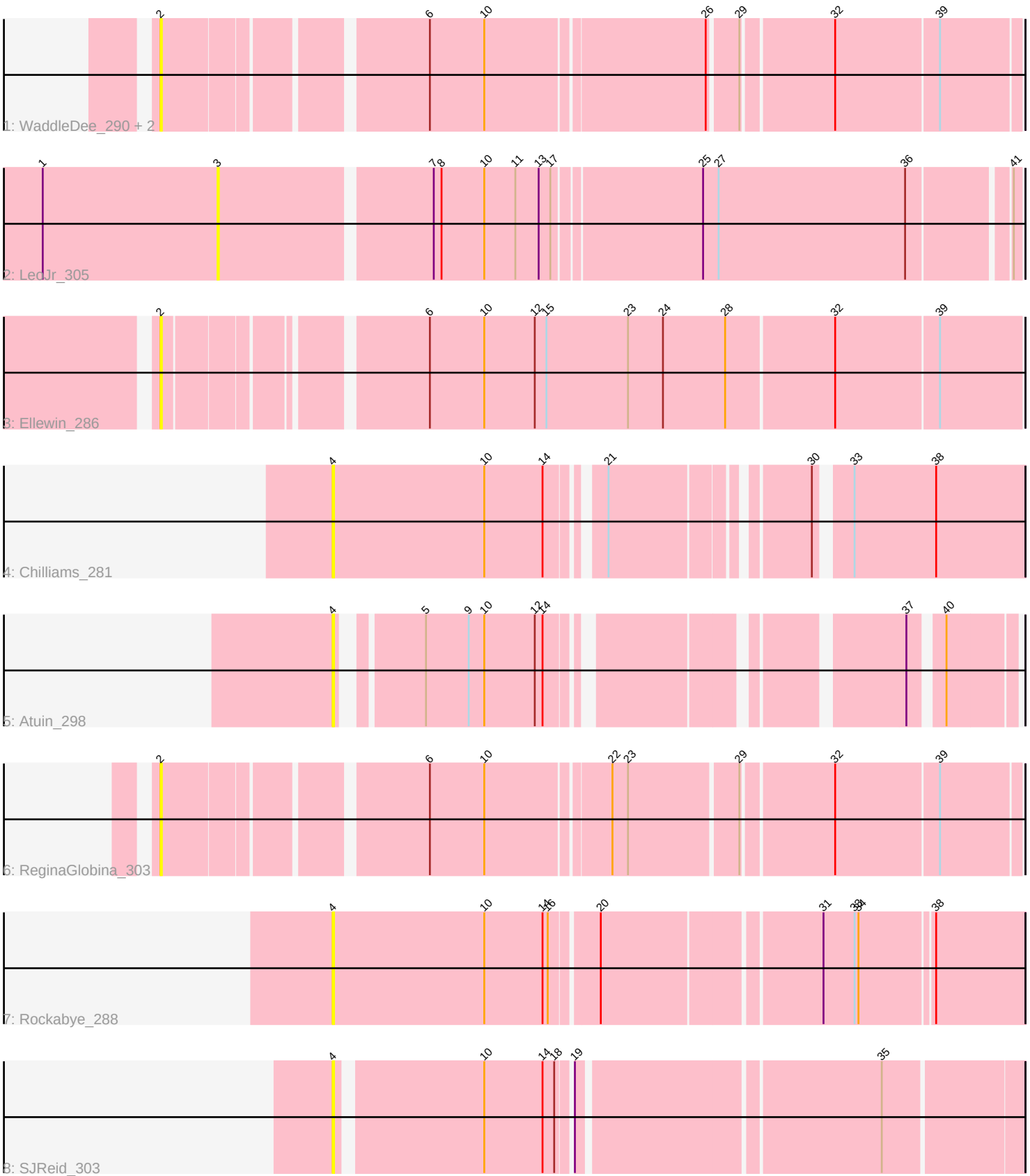
Pham 203567


1: WaddleDee_290 + 2
2: LedJr_305
3: Ellewin_286
4: Chilliams_281
5: Atuin_298
6: ReginaGlobina_303
7: Rockabye_288
8: SJReid_303

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 203567 Report

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

Pham number 203567 has 10 members, 10 are drafts.

Phages represented in each track:
• Track 1 : WaddleDee_290, KSunshine22_282, DunneganBoMo_291
• Track 2 : LeoJr_305
• Track 3 : Ellewin_286
• Track 4 : Chilliams_281
• Track 5 : Atuin_298
• Track 6 : ReginaGlobina_303
• Track 7 : Rockabye_288
• Track 8 : SJReid_303

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

This pham is comprised of all draft annotations. There are no annotations to summarize.
Summary by start number:

Start 2:
• Found in 5 of 10 (50.0%) of genes in pham
• No Manual Annotations of this start.
• Called 100.0% of time when present
• Phage (with cluster) where this start called: DunneganBoMo_291 (FC), Ellewin_286 (FC), KSunshine22_282 (FC), ReginaGlobina_303 (FC), WaddleDee_290 (FC),

Start 3:
• Found in 1 of 10 (10.0%) of genes in pham
• No Manual Annotations of this start.
• Called 100.0% of time when present
• Phage (with cluster) where this start called: LeoJr_305 (FC),

Start 4:
• Found in 4 of 10 (40.0%) of genes in pham
• No Manual Annotations of this start.
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Atuin_298 (FC), Chilliams_281 (FC), Rockabye_288 (FC), SJReid_303 (FC),

Summary by clusters:

There is one cluster represented in this pham: FC

Gene Information:

Gene: Atuin_298 Start: 173414, Stop: 173854, Start Num: 4
Candidate Starts for Atuin_298:
(4, 173414), (5, 173465), (9, 173498), (10, 173510), (12, 173549), (14, 173555), (37, 173783), (40, 173804),

Gene: Chilliams_281 Start: 168229, Stop: 168711, Start Num: 4
Candidate Starts for Chilliams_281:
(4, 168229), (10, 168346), (14, 168391), (21, 168424), (30, 168559), (33, 168580), (38, 168643),

Gene: DunneganBoMo_291 Start: 174595, Stop: 175206, Start Num: 2
Candidate Starts for DunneganBoMo_291:
(2, 174595), (6, 174778), (10, 174820), (26, 174982), (29, 175003), (32, 175069), (39, 175147),

Gene: Ellewin_286 Start: 173977, Stop: 174603, Start Num: 2
Candidate Starts for Ellewin_286:
(2, 173977), (6, 174154), (10, 174196), (12, 174235), (15, 174244), (23, 174307), (24, 174334), (28, 174382), (32, 174463), (39, 174541),

Gene: KSunshine22_282 Start: 172813, Stop: 173424, Start Num: 2
Candidate Starts for KSunshine22_282:
(2, 172813), (6, 172996), (10, 173038), (26, 173200), (29, 173221), (32, 173287), (39, 173365),

Gene: LeoJr_305 Start: 173796, Stop: 174383, Start Num: 3
Candidate Starts for LeoJr_305:
(1, 173661), (3, 173796), (7, 173952), (8, 173958), (10, 173991), (11, 174015), (13, 174033), (17, 174042), (25, 174150), (27, 174162), (36, 174306), (41, 174378),

Gene: ReginaGlobina_303 Start: 173940, Stop: 174551, Start Num: 2
Candidate Starts for ReginaGlobina_303:
(2, 173940), (6, 174123), (10, 174165), (22, 174255), (23, 174267), (29, 174348), (32, 174414), (39, 174492),

Gene: Rockabye_288 Start: 168270, Stop: 168776, Start Num: 4
Candidate Starts for Rockabye_288:
(4, 168270), (10, 168387), (14, 168432), (16, 168435), (20, 168468), (31, 168627), (33, 168651), (34, 168654), (38, 168708),

Gene: SJReid_303 Start: 169574, Stop: 170062, Start Num: 4
Candidate Starts for SJReid_303:
(4, 169574), (10, 169679), (14, 169724), (18, 169733), (19, 169742), (35, 169961),

Gene: WaddleDee_290 Start: 173379, Stop: 173990, Start Num: 2
Candidate Starts for WaddleDee_290:

(2, 173379), (6, 173562), (10, 173604), (26, 173766), (29, 173787), (32, 173853), (39, 173931),