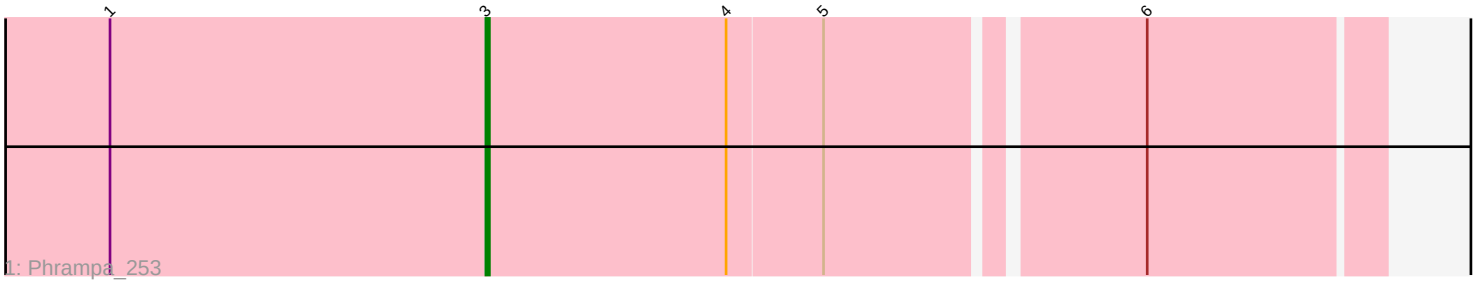
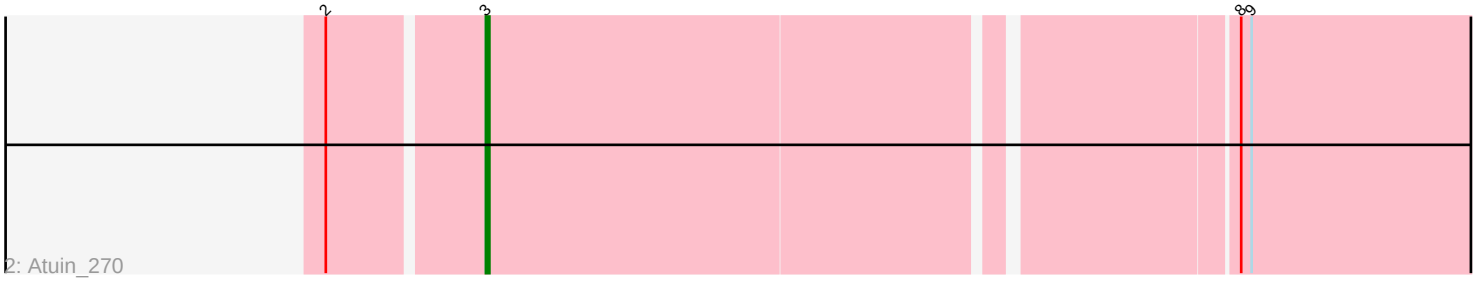
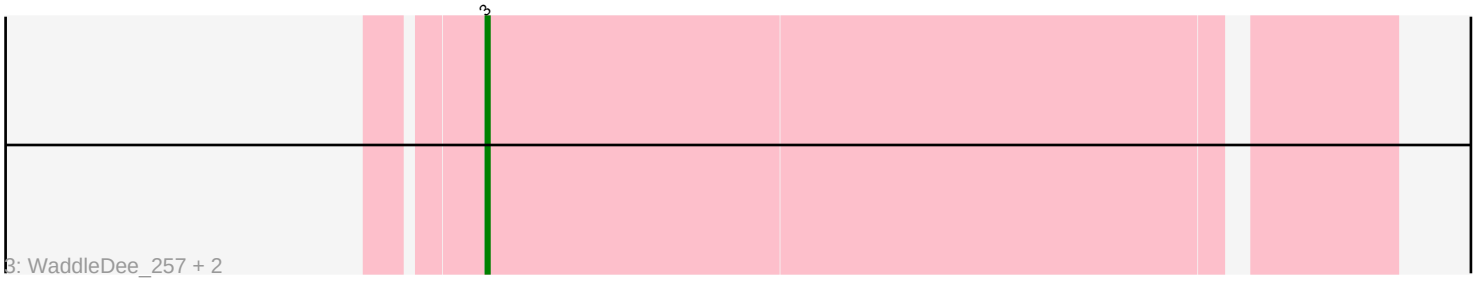
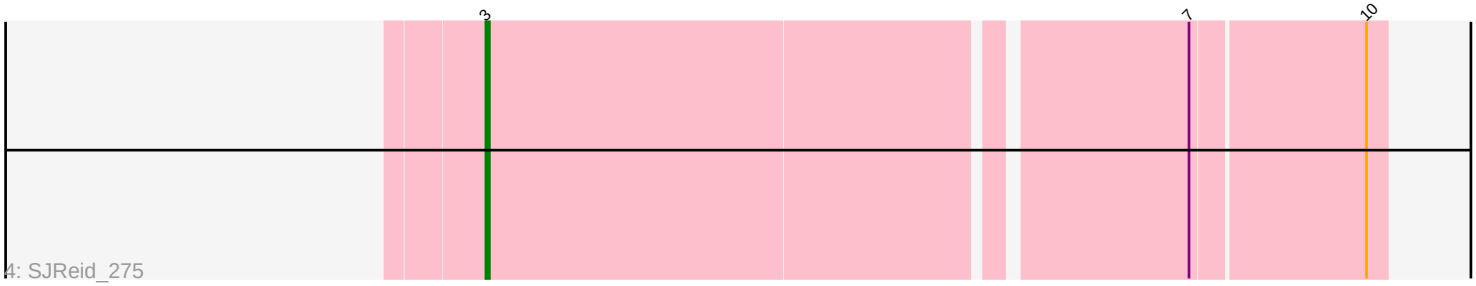
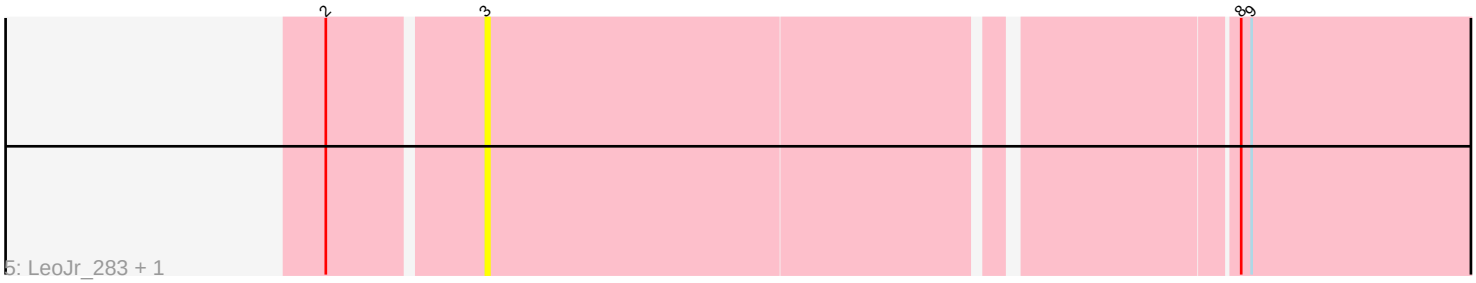
Pham 348314


1
3
4
5
6
1: Phrampa_253


2
3
8
9
2: Atuin_270


3
3: WaddleDee_257 + 2


3
7
10
4: SJReid_275


2
3
8
9
5: LeoJr_283 + 1

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 348314 Report

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

Pham number 348314 has 8 members, 3 are drafts.

Phages represented in each track:
• Track 1 : Phrampa_253
• Track 2 : Atuin_270
• Track 3 : WaddleDee_257, DunneganBoMo_259, KSunshine22_262
• Track 4 : SJReid_275
• Track 5 : LeoJr_283, ReginaGlobina_286

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 5 of the 5 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Atuin_270, DunneganBoMo_259, KSunshine22_262, LeoJr_283, Phrampa_253, ReginaGlobina_286, SJReid_275, WaddleDee_257,

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: 5 of 5
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Atuin_270 (FC), DunneganBoMo_259 (FC), KSunshine22_262 (FC), LeoJr_283 (FC), Phrampa_253 (FC), ReginaGlobina_286 (FC), SJReid_275 (FC), WaddleDee_257 (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 5 times for cluster FC.

Gene Information:

Gene: Atuin_270 Start: 166461, Stop: 166739, Start Num: 3
Candidate Starts for Atuin_270:
(2, 166419), (Start: 3 @166461 has 5 MA's), (8, 166665), (9, 166668),

Gene: DunneganBoMo_259 Start: 166704, Stop: 166955, Start Num: 3
Candidate Starts for DunneganBoMo_259:
(Start: 3 @166704 has 5 MA's),

Gene: KSunshine22_262 Start: 165820, Stop: 166071, Start Num: 3
Candidate Starts for KSunshine22_262:
(Start: 3 @165820 has 5 MA's),

Gene: LeoJr_283 Start: 166764, Stop: 167042, Start Num: 3
Candidate Starts for LeoJr_283:
(2, 166722), (Start: 3 @166764 has 5 MA's), (8, 166968), (9, 166971),

Gene: Phrampa_253 Start: 164728, Stop: 164973, Start Num: 3
Candidate Starts for Phrampa_253:
(1, 164620), (Start: 3 @164728 has 5 MA's), (4, 164797), (5, 164824), (6, 164908),

Gene: ReginaGlobina_286 Start: 168196, Stop: 168474, Start Num: 3
Candidate Starts for ReginaGlobina_286:
(2, 168154), (Start: 3 @168196 has 5 MA's), (8, 168400), (9, 168403),

Gene: SJReid_275 Start: 160347, Stop: 160592, Start Num: 3
Candidate Starts for SJReid_275:
(Start: 3 @160347 has 5 MA's), (7, 160539), (10, 160587),

Gene: WaddleDee_257 Start: 166237, Stop: 166488, Start Num: 3
Candidate Starts for WaddleDee_257:
(Start: 3 @166237 has 5 MA's),