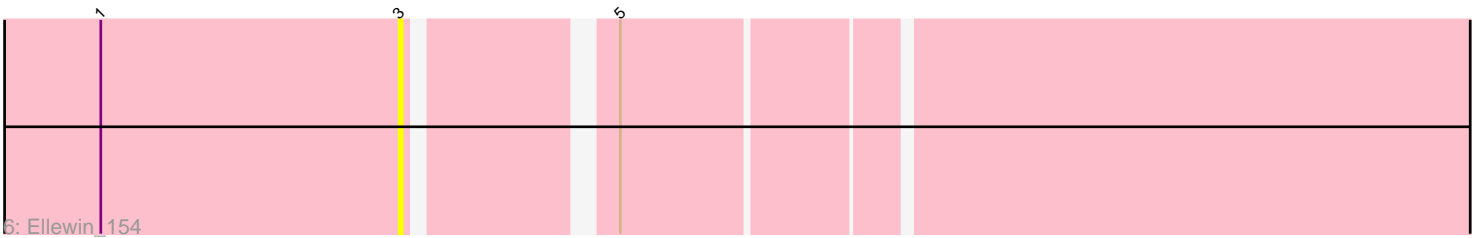
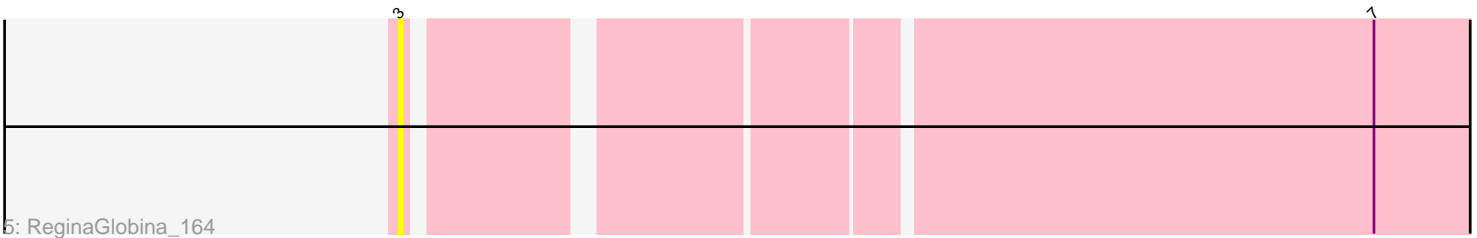
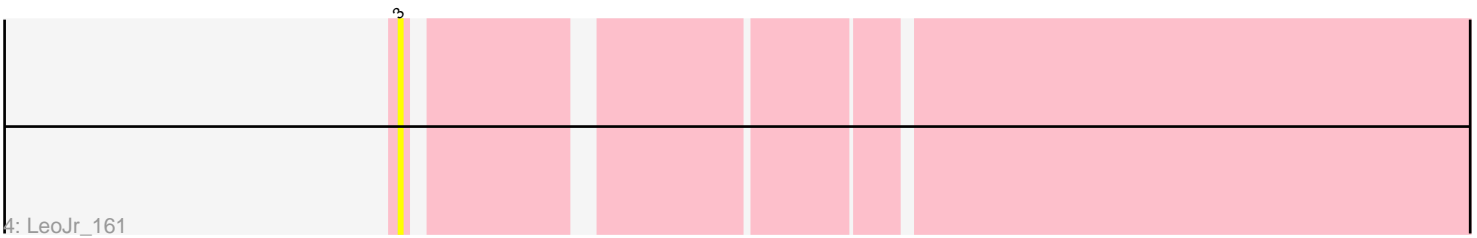
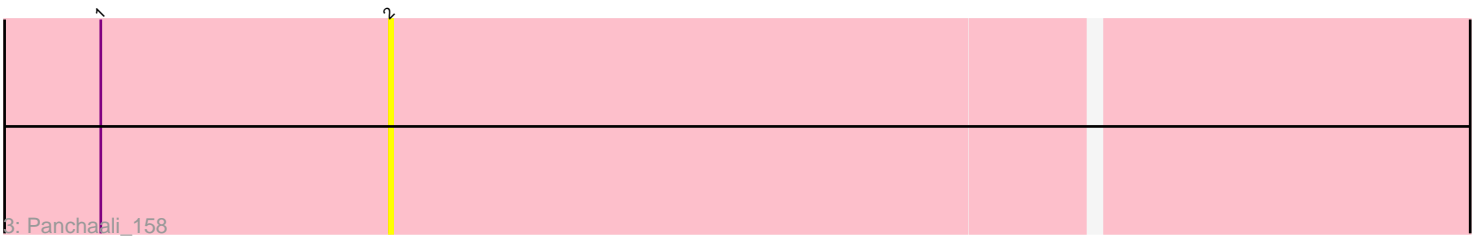
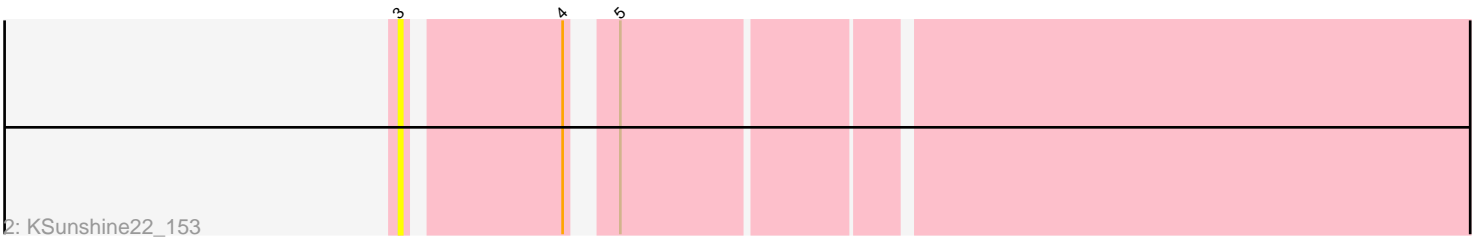
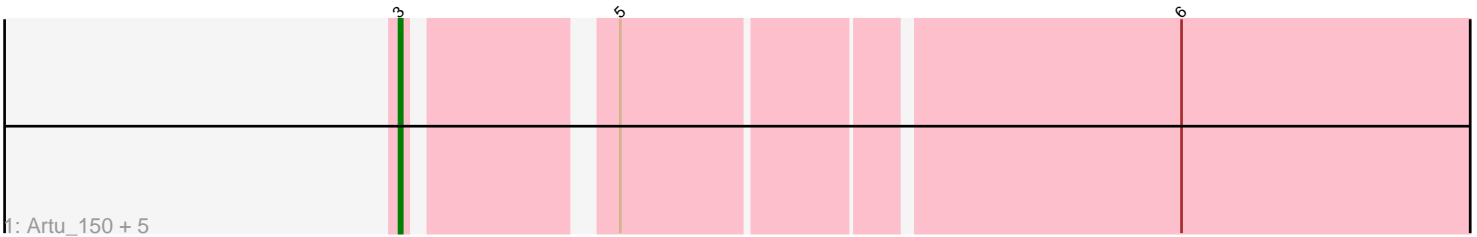


Pham 274879



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 274879 Report

This analysis was run 02/07/26 on database version 634.

Pham number 274879 has 11 members, 8 are drafts.

Phages represented in each track:

- Track 1 : Artu_150, BooTeria_157, WaddleDee_144, Atuin_151, DunneganBoMo_148, Emmetator_151
- Track 2 : KSunshine22_153
- Track 3 : Panchaali_158
- Track 4 : LeoJr_161
- Track 5 : ReginaGlobina_164
- Track 6 : Ellewin_154

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 3 of the 3 non-draft genes in the pham.

Genes that call this "Most Annotated" start:

- Artu_150, Atuin_151, BooTeria_157, DunneganBoMo_148, Ellewin_154, Emmetator_151, KSunshine22_153, LeoJr_161, ReginaGlobina_164, WaddleDee_144,

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

-

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

- Panchaali_158,

Summary by start number:

Start 2:

- Found in 1 of 11 (9.1%) of genes in pham
- No Manual Annotations of this start.
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Panchaali_158 (FC),

Start 3:

- Found in 10 of 11 (90.9%) of genes in pham

- Manual Annotations of this start: 3 of 3
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Artu_150 (FC), Atuin_151 (FC), BooTeria_157 (FC), DunneganBoMo_148 (FC), Ellewin_154 (FC), Emmetator_151 (FC), KSunshine22_153 (FC), LeoJr_161 (FC), ReginaGlobina_164 (FC), WaddleDee_144 (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 3 times for cluster FC.

Gene Information:

Gene: Artu_150 Start: 102765, Stop: 103088, Start Num: 3

Candidate Starts for Artu_150:

(Start: 3 @102765 has 3 MA's), (5, 102819), (6, 102984),

Gene: Atuin_151 Start: 105420, Stop: 105743, Start Num: 3

Candidate Starts for Atuin_151:

(Start: 3 @105420 has 3 MA's), (5, 105474), (6, 105639),

Gene: BooTeria_157 Start: 103058, Stop: 103381, Start Num: 3

Candidate Starts for BooTeria_157:

(Start: 3 @103058 has 3 MA's), (5, 103112), (6, 103277),

Gene: DunneganBoMo_148 Start: 102327, Stop: 102650, Start Num: 3

Candidate Starts for DunneganBoMo_148:

(Start: 3 @102327 has 3 MA's), (5, 102381), (6, 102546),

Gene: Ellewin_154 Start: 102437, Stop: 102760, Start Num: 3

Candidate Starts for Ellewin_154:

(1, 102344), (Start: 3 @102437 has 3 MA's), (5, 102491),

Gene: Emmetator_151 Start: 102640, Stop: 102963, Start Num: 3

Candidate Starts for Emmetator_151:

(Start: 3 @102640 has 3 MA's), (5, 102694), (6, 102859),

Gene: KSunshine22_153 Start: 103387, Stop: 103710, Start Num: 3

Candidate Starts for KSunshine22_153:

(Start: 3 @103387 has 3 MA's), (4, 103432), (5, 103441),

Gene: LeoJr_161 Start: 106018, Stop: 106341, Start Num: 3

Candidate Starts for LeoJr_161:

(Start: 3 @106018 has 3 MA's),

Gene: Panchaali_158 Start: 102508, Stop: 102852, Start Num: 2

Candidate Starts for Panchaali_158:

(1, 102418), (2, 102508),

Gene: ReginaGlobina_164 Start: 107292, Stop: 107615, Start Num: 3
Candidate Starts for ReginaGlobina_164:
(Start: 3 @107292 has 3 MA's), (7, 107571),

Gene: WaddleDee_144 Start: 101513, Stop: 101836, Start Num: 3
Candidate Starts for WaddleDee_144:
(Start: 3 @101513 has 3 MA's), (5, 101567), (6, 101732),