



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 203452 Report

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

Pham number 203452 has 14 members, 14 are drafts.

Phages represented in each track:

- Track 1 : KSunshine22_5, DunneganBoMo_3, WaddleDee_3, DunneganBoMo_306, KSunshine22_297, WaddleDee_305
- Track 2 : Ellewin_303, Ellewin_4
- Track 3 : Atuin_5, Atuin_312, ReginaGlobina_316, ReginaGlobina_5
- Track 4 : LeoJr_6, LeoJr_319

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 1:

- Found in 14 of 14 (100.0%) of genes in pham
- No Manual Annotations of this start.
- Called 71.4% of time when present
- Phage (with cluster) where this start called: Atuin_312 (FC), Atuin_5 (FC), DunneganBoMo_3 (FC), DunneganBoMo_306 (FC), KSunshine22_297 (FC), KSunshine22_5 (FC), ReginaGlobina_316 (FC), ReginaGlobina_5 (FC), WaddleDee_3 (FC), WaddleDee_305 (FC),

Start 2:

- Found in 14 of 14 (100.0%) of genes in pham
- No Manual Annotations of this start.
- Called 14.3% of time when present
- Phage (with cluster) where this start called: Ellewin_303 (FC), Ellewin_4 (FC),

Start 4:

- Found in 6 of 14 (42.9%) of genes in pham
- No Manual Annotations of this start.
- Called 33.3% of time when present
- Phage (with cluster) where this start called: LeoJr_319 (FC), LeoJr_6 (FC),

Summary by clusters:

There is one cluster represented in this pham: FC

Gene Information:

Gene: Atuin_5 Start: 3340, Stop: 3549, Start Num: 1

Candidate Starts for Atuin_5:

(1, 3340), (2, 3355), (3, 3361), (4, 3379), (5, 3496),

Gene: Atuin_312 Start: 180228, Stop: 180437, Start Num: 1

Candidate Starts for Atuin_312:

(1, 180228), (2, 180243), (3, 180249), (4, 180267), (5, 180384),

Gene: DunneganBoMo_3 Start: 2610, Stop: 2822, Start Num: 1

Candidate Starts for DunneganBoMo_3:

(1, 2610), (2, 2625), (3, 2631),

Gene: DunneganBoMo_306 Start: 182022, Stop: 182234, Start Num: 1

Candidate Starts for DunneganBoMo_306:

(1, 182022), (2, 182037), (3, 182043),

Gene: Ellewin_303 Start: 181669, Stop: 181866, Start Num: 2

Candidate Starts for Ellewin_303:

(1, 181654), (2, 181669), (3, 181675),

Gene: Ellewin_4 Start: 2555, Stop: 2752, Start Num: 2

Candidate Starts for Ellewin_4:

(1, 2540), (2, 2555), (3, 2561),

Gene: KSunshine22_5 Start: 3200, Stop: 3412, Start Num: 1

Candidate Starts for KSunshine22_5:

(1, 3200), (2, 3215), (3, 3221),

Gene: KSunshine22_297 Start: 180101, Stop: 180313, Start Num: 1

Candidate Starts for KSunshine22_297:

(1, 180101), (2, 180116), (3, 180122),

Gene: LeoJr_6 Start: 3533, Stop: 3703, Start Num: 4

Candidate Starts for LeoJr_6:

(1, 3494), (2, 3509), (3, 3515), (4, 3533), (5, 3650),

Gene: LeoJr_319 Start: 180836, Stop: 181006, Start Num: 4

Candidate Starts for LeoJr_319:

(1, 180797), (2, 180812), (3, 180818), (4, 180836), (5, 180953),

Gene: ReginaGlobina_316 Start: 180788, Stop: 180997, Start Num: 1

Candidate Starts for ReginaGlobina_316:

(1, 180788), (2, 180803), (3, 180809), (4, 180827), (5, 180944),

Gene: ReginaGlobina_5 Start: 3341, Stop: 3550, Start Num: 1

Candidate Starts for ReginaGlobina_5:

(1, 3341), (2, 3356), (3, 3362), (4, 3380), (5, 3497),

Gene: WaddleDee_3 Start: 2610, Stop: 2822, Start Num: 1

Candidate Starts for WaddleDee_3:

(1, 2610), (2, 2625), (3, 2631),

Gene: WaddleDee_305 Start: 180805, Stop: 181017, Start Num: 1

Candidate Starts for WaddleDee_305:

(1, 180805), (2, 180820), (3, 180826),