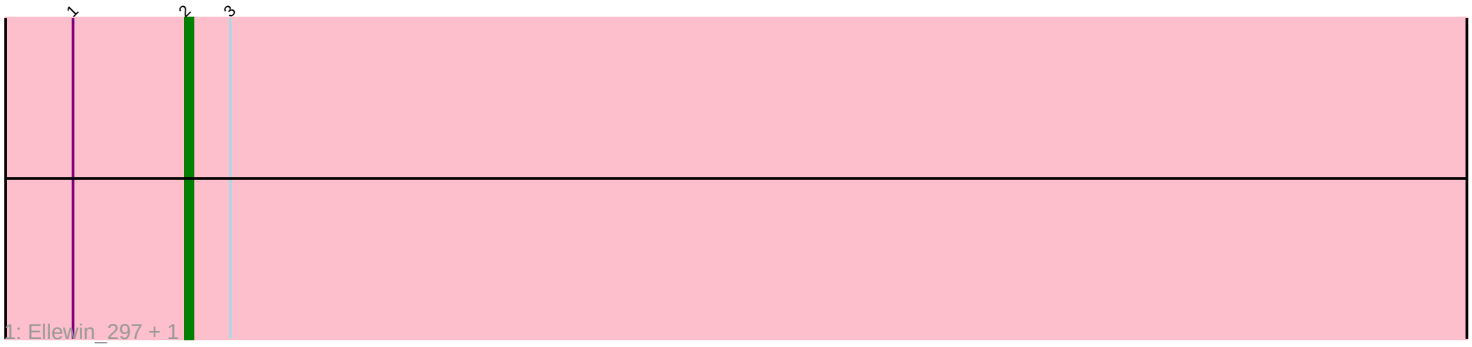
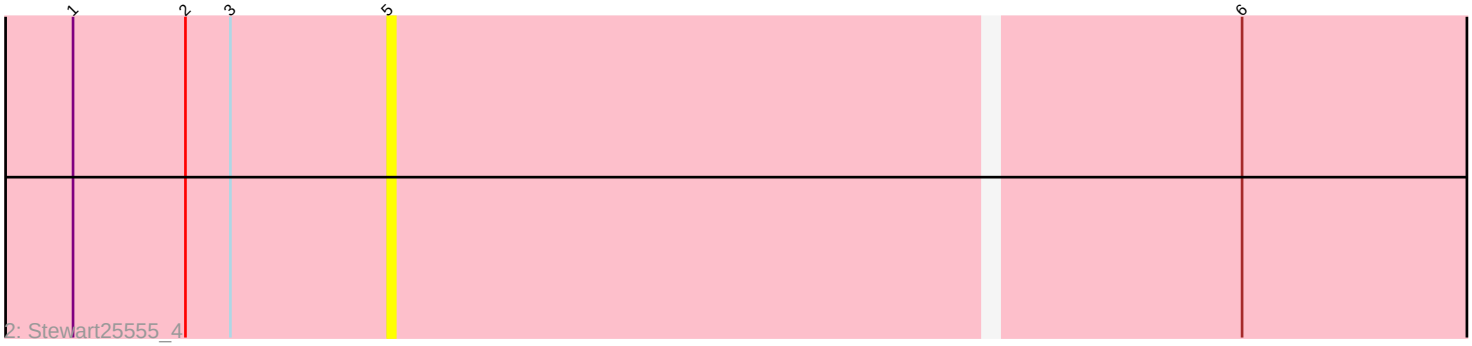
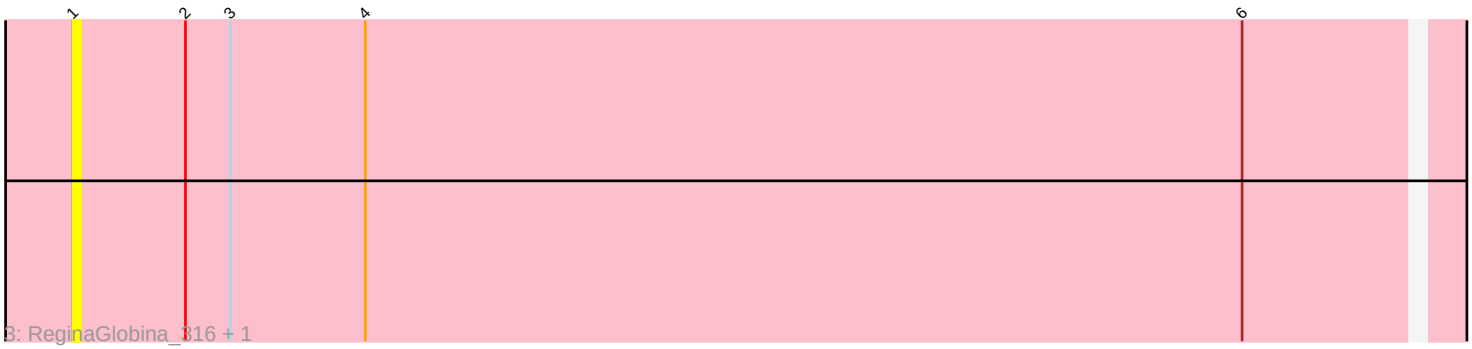
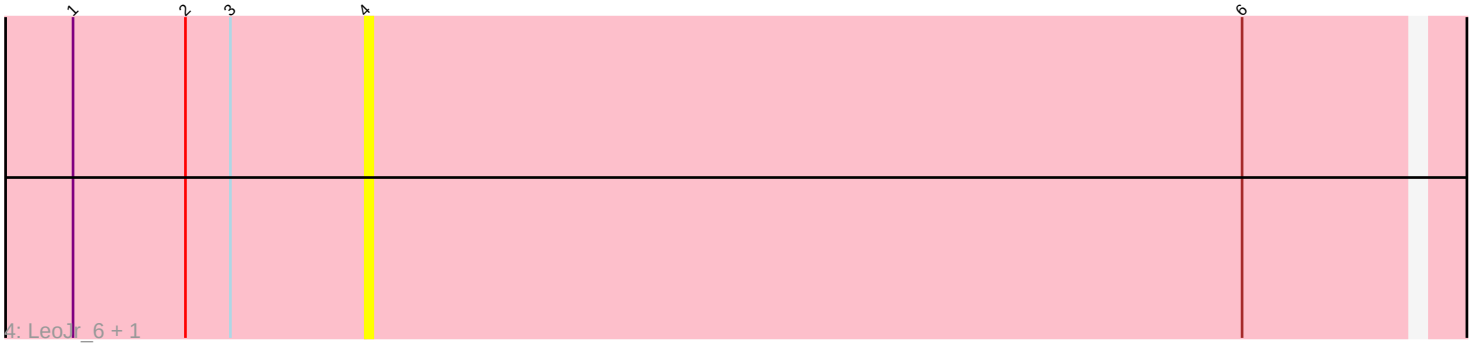
Pham 348364


1
2
3
1: Ellewin_297 + 1


1
2
3
5
6
2: Stewart25555_4


1
2
3
4
6
3: ReginaGlobina_316 + 1


1
2
3
4
6
4: LeoJr_6 + 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 348364 Report

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

Pham number 348364 has 7 members, 5 are drafts.

Phages represented in each track:
• Track 1 : Ellewin_297, Ellewin_4
• Track 2 : Stewart25555_4
• Track 3 : ReginaGlobina_316, ReginaGlobina_5
• Track 4 : LeoJr_6, LeoJr_319

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

The start number called the most often in the published annotations is 2, it was called in 2 of the 2 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Ellewin_297, Ellewin_4,

Genes that have the "Most Annotated" start but do not call it:
• LeoJr_319, LeoJr_6, ReginaGlobina_316, ReginaGlobina_5, Stewart25555_4,

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

Summary by start number:

Start 1:
• Found in 7 of 7 (100.0%) of genes in pham
• No Manual Annotations of this start.
• Called 28.6% of time when present
• Phage (with cluster) where this start called: ReginaGlobina_316 (FC), ReginaGlobina_5 (FC),

Start 2:
• Found in 7 of 7 (100.0%) of genes in pham
• Manual Annotations of this start: 2 of 2
• Called 28.6% of time when present
• Phage (with cluster) where this start called: Ellewin_297 (FC), Ellewin_4 (FC),

Start 4:
• Found in 4 of 7 (57.1%) of genes in pham
• No Manual Annotations of this start.
• Called 50.0% of time when present
• Phage (with cluster) where this start called: LeoJr_319 (FC), LeoJr_6 (FC),

Start 5:
• Found in 1 of 7 (14.3%) of genes in pham
• No Manual Annotations of this start.
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Stewart25555_4 (FC),

Summary by clusters:

There is one cluster represented in this pham: FC

Info for manual annotations of cluster FC:
•Start number 2 was manually annotated 2 times for cluster FC.

Gene Information:

Gene: Ellewin_297 Start: 181669, Stop: 181866, Start Num: 2
Candidate Starts for Ellewin_297:
(1, 181654), (Start: 2 @181669 has 2 MA's), (3, 181675),

Gene: Ellewin_4 Start: 2555, Stop: 2752, Start Num: 2
Candidate Starts for Ellewin_4:
(1, 2540), (Start: 2 @2555 has 2 MA's), (3, 2561),

Gene: LeoJr_6 Start: 3533, Stop: 3703, Start Num: 4
Candidate Starts for LeoJr_6:
(1, 3494), (Start: 2 @3509 has 2 MA's), (3, 3515), (4, 3533), (6, 3650),

Gene: LeoJr_319 Start: 180836, Stop: 181006, Start Num: 4
Candidate Starts for LeoJr_319:
(1, 180797), (Start: 2 @180812 has 2 MA's), (3, 180818), (4, 180836), (6, 180953),

Gene: ReginaGlobina_316 Start: 180788, Stop: 180997, Start Num: 1
Candidate Starts for ReginaGlobina_316:
(1, 180788), (Start: 2 @180803 has 2 MA's), (3, 180809), (4, 180827), (6, 180944),

Gene: ReginaGlobina_5 Start: 3341, Stop: 3550, Start Num: 1
Candidate Starts for ReginaGlobina_5:
(1, 3341), (Start: 2 @3356 has 2 MA's), (3, 3362), (4, 3380), (6, 3497),

Gene: Stewart25555_4 Start: 3266, Stop: 3433, Start Num: 5
Candidate Starts for Stewart25555_4:
(1, 3224), (Start: 2 @3239 has 2 MA's), (3, 3245), (5, 3266), (6, 3377),