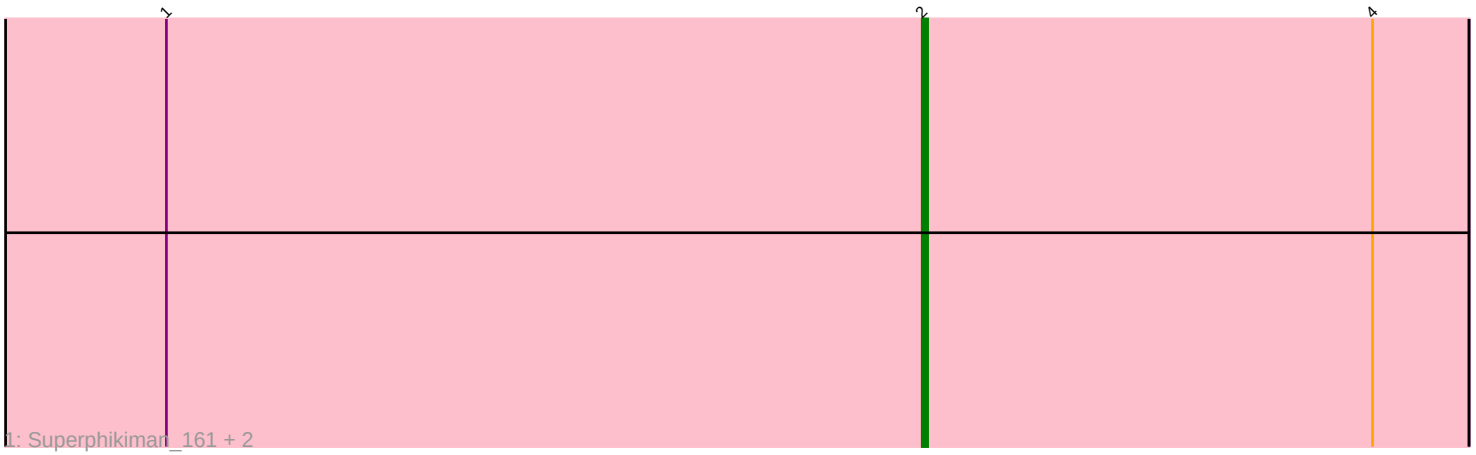
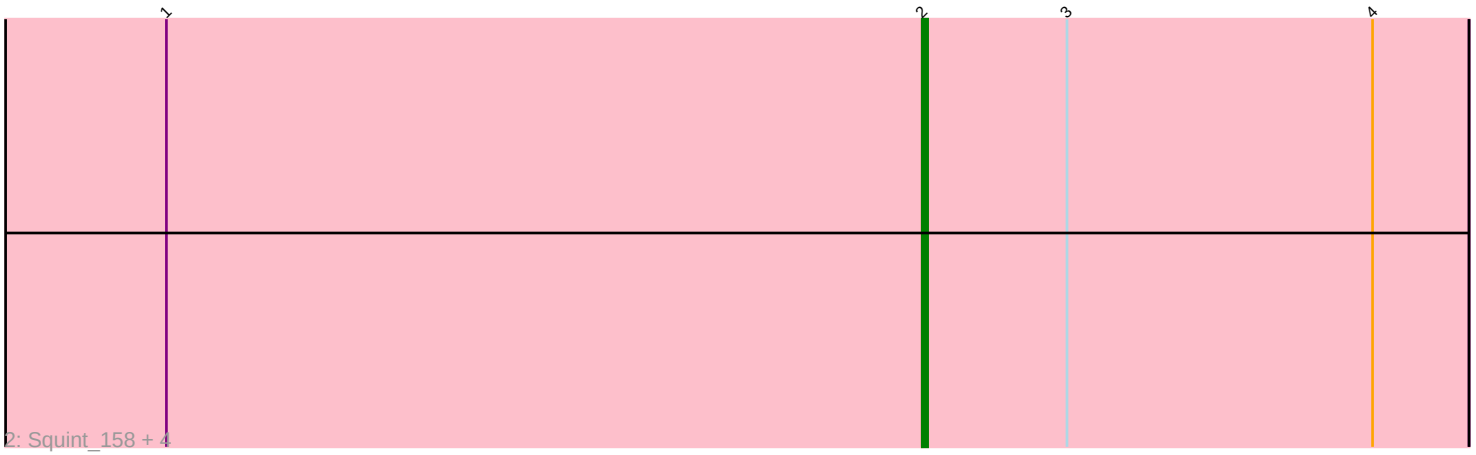
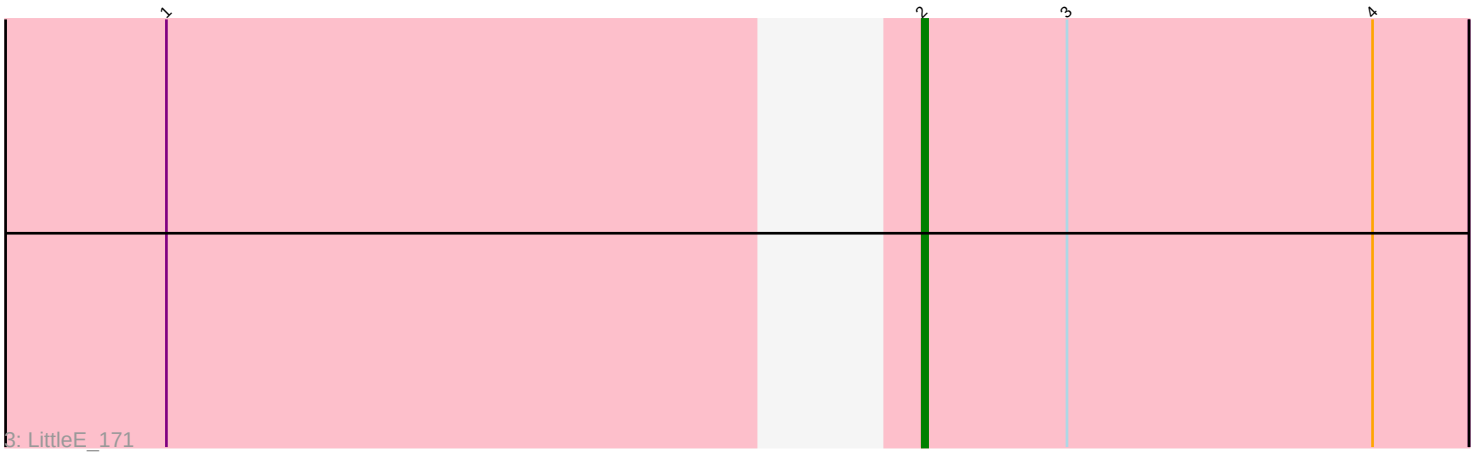
Pham 6038


1
2
4
1: Superphikiman_161 + 2


1
2
3
4
2: Squint_158 + 4


1
2
3
4
3: LittleE_171

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 6038 Report

This analysis was run 04/05/24 on database version 557.

Pham number 6038 has 9 members, 0 are drafts.

Phages represented in each track:
• Track 1 : Superphikiman_161, Ariel_163, Courthouse_160
• Track 2 : Squint_158, MiaZeal_167, Lucky2013_160, Optimus_162, Porcelain_164
• Track 3 : LittleE_171

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 9 of the 9 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Ariel_163, Courthouse_160, LittleE_171, Lucky2013_160, MiaZeal_167, Optimus_162, Porcelain_164, Squint_158, Superphikiman_161,

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 2:
• Found in 9 of 9 (100.0%) of genes in pham
• Manual Annotations of this start: 9 of 9
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Ariel_163 (J), Courthouse_160 (J), LittleE_171 (J), Lucky2013_160 (J), MiaZeal_167 (J), Optimus_162 (J), Porcelain_164 (J), Squint_158 (J), Superphikiman_161 (J),

Summary by clusters:

There is one cluster represented in this pham: J

Info for manual annotations of cluster J:

•Start number 2 was manually annotated 9 times for cluster J.

Gene Information:

Gene: Ariel_163 Start: 83690, Stop: 83791, Start Num: 2
Candidate Starts for Ariel_163:
(1, 83549), (Start: 2 @83690 has 9 MA's), (4, 83774),

Gene: Courthouse_160 Start: 84134, Stop: 84235, Start Num: 2
Candidate Starts for Courthouse_160:
(1, 83993), (Start: 2 @84134 has 9 MA's), (4, 84218),

Gene: LittleE_171 Start: 88466, Stop: 88567, Start Num: 2
Candidate Starts for LittleE_171:
(1, 88349), (Start: 2 @88466 has 9 MA's), (3, 88493), (4, 88550),

Gene: Lucky2013_160 Start: 83963, Stop: 84064, Start Num: 2
Candidate Starts for Lucky2013_160:
(1, 83822), (Start: 2 @83963 has 9 MA's), (3, 83990), (4, 84047),

Gene: MiaZeal_167 Start: 85110, Stop: 85211, Start Num: 2
Candidate Starts for MiaZeal_167:
(1, 84969), (Start: 2 @85110 has 9 MA's), (3, 85137), (4, 85194),

Gene: Optimus_162 Start: 87788, Stop: 87889, Start Num: 2
Candidate Starts for Optimus_162:
(1, 87647), (Start: 2 @87788 has 9 MA's), (3, 87815), (4, 87872),

Gene: Porcelain_164 Start: 84909, Stop: 85010, Start Num: 2
Candidate Starts for Porcelain_164:
(1, 84768), (Start: 2 @84909 has 9 MA's), (3, 84936), (4, 84993),

Gene: Squint_158 Start: 84775, Stop: 84876, Start Num: 2
Candidate Starts for Squint_158:
(1, 84634), (Start: 2 @84775 has 9 MA's), (3, 84802), (4, 84859),

Gene: Superphikiman_161 Start: 83830, Stop: 83931, Start Num: 2
Candidate Starts for Superphikiman_161:
(1, 83689), (Start: 2 @83830 has 9 MA's), (4, 83914),