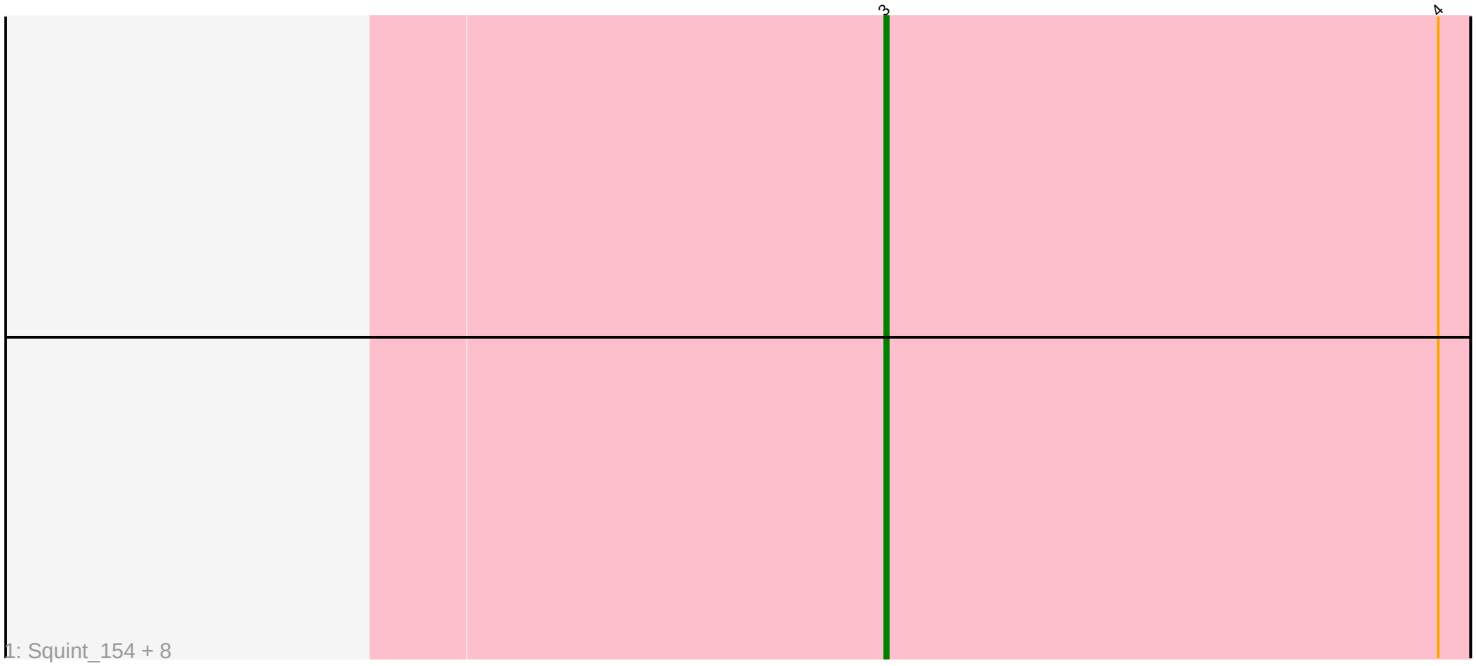
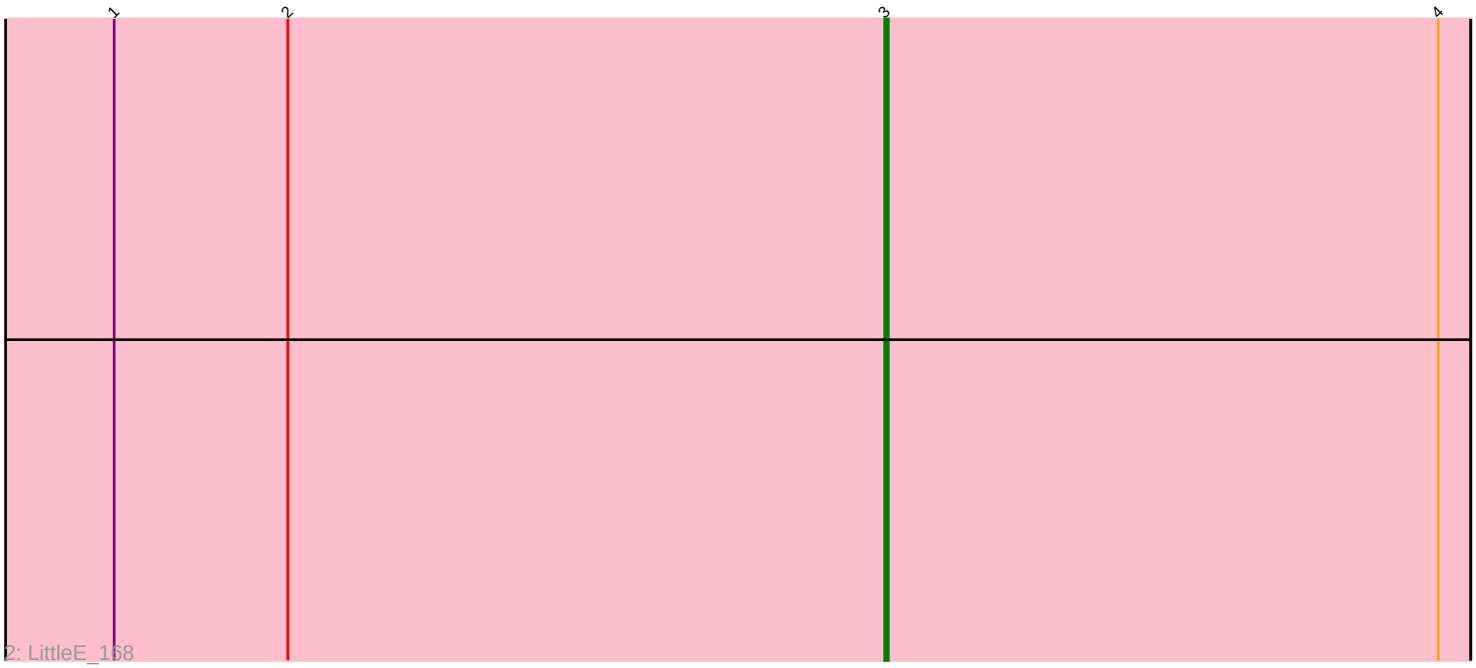
Pham 5785





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 5785 Report

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

Pham number 5785 has 10 members, 0 are drafts.

Phages represented in each track:
• Track 1 : Squint_154, MiaZeal_163, Hannaconda_155, Lucky2013_156, Courthouse_157, Superphikiman_158, KashFlow_160, Ariel_160, Porcelain_160
• Track 2 : LittleE_168

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 10 of the 10 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Ariel_160, Courthouse_157, Hannaconda_155, KashFlow_160, LittleE_168, Lucky2013_156, MiaZeal_163, Porcelain_160, Squint_154, Superphikiman_158,

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 10 of 10 (100.0%) of genes in pham
• Manual Annotations of this start: 10 of 10
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Ariel_160 (J), Courthouse_157 (J), Hannaconda_155 (J), KashFlow_160 (J), LittleE_168 (J), Lucky2013_156 (J), MiaZeal_163 (J), Porcelain_160 (J), Squint_154 (J), Superphikiman_158 (J),

Summary by clusters:

There is one cluster represented in this pham: J

Info for manual annotations of cluster J:

•Start number 3 was manually annotated 10 times for cluster J.

Gene Information:

Gene: Ariel_160 Start: 82883, Stop: 83044, Start Num: 3
Candidate Starts for Ariel_160:
(Start: 3 @82883 has 10 MA's), (4, 83036),

Gene: Courthouse_157 Start: 83327, Stop: 83488, Start Num: 3
Candidate Starts for Courthouse_157:
(Start: 3 @83327 has 10 MA's), (4, 83480),

Gene: Hannaconda_155 Start: 86808, Stop: 86969, Start Num: 3
Candidate Starts for Hannaconda_155:
(Start: 3 @86808 has 10 MA's), (4, 86961),

Gene: KashFlow_160 Start: 86621, Stop: 86782, Start Num: 3
Candidate Starts for KashFlow_160:
(Start: 3 @86621 has 10 MA's), (4, 86774),

Gene: LittleE_168 Start: 87683, Stop: 87844, Start Num: 3
Candidate Starts for LittleE_168:
(1, 87470), (2, 87518), (Start: 3 @87683 has 10 MA's), (4, 87836),

Gene: Lucky2013_156 Start: 82290, Stop: 82451, Start Num: 3
Candidate Starts for Lucky2013_156:
(Start: 3 @82290 has 10 MA's), (4, 82443),

Gene: MiaZeal_163 Start: 83437, Stop: 83598, Start Num: 3
Candidate Starts for MiaZeal_163:
(Start: 3 @83437 has 10 MA's), (4, 83590),

Gene: Porcelain_160 Start: 83236, Stop: 83397, Start Num: 3
Candidate Starts for Porcelain_160:
(Start: 3 @83236 has 10 MA's), (4, 83389),

Gene: Squint_154 Start: 83102, Stop: 83263, Start Num: 3
Candidate Starts for Squint_154:
(Start: 3 @83102 has 10 MA's), (4, 83255),

Gene: Superphikiman_158 Start: 83023, Stop: 83184, Start Num: 3
Candidate Starts for Superphikiman_158:
(Start: 3 @83023 has 10 MA's), (4, 83176),