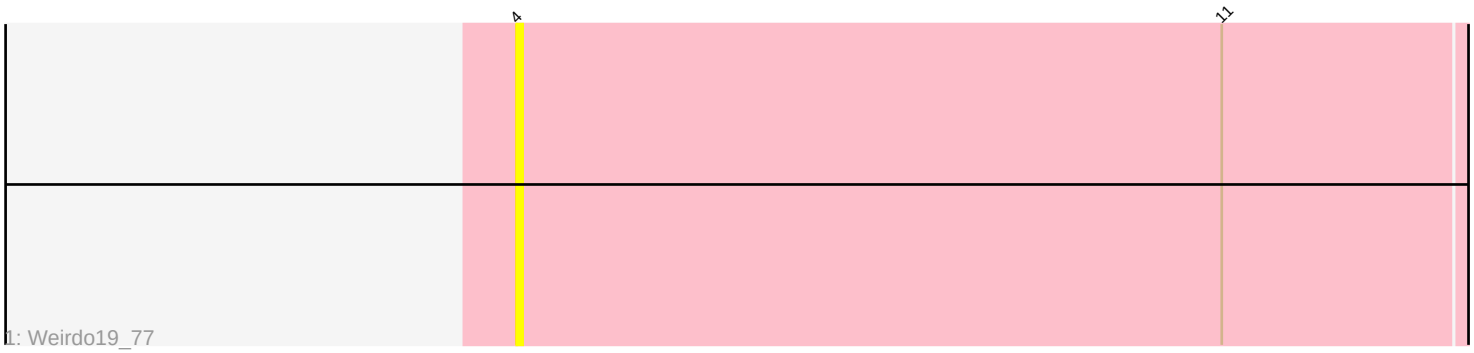
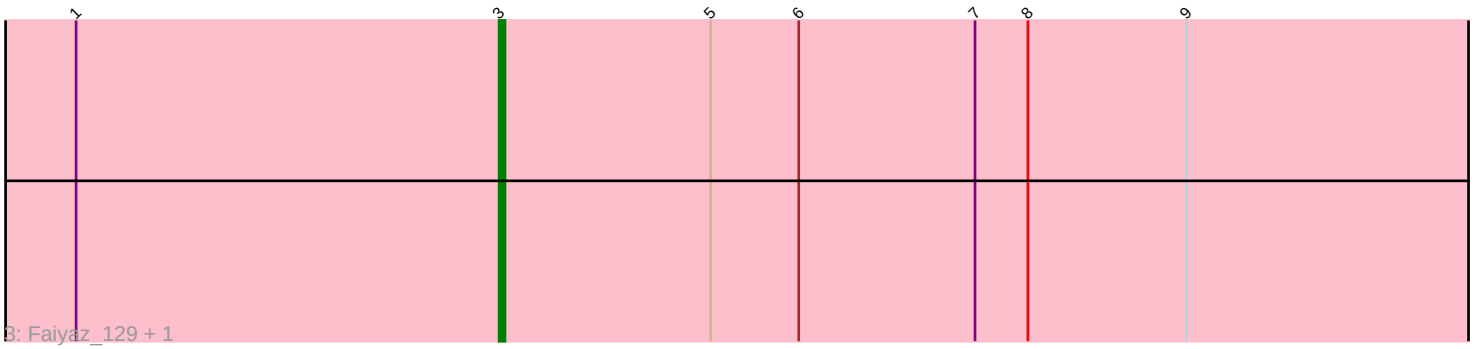
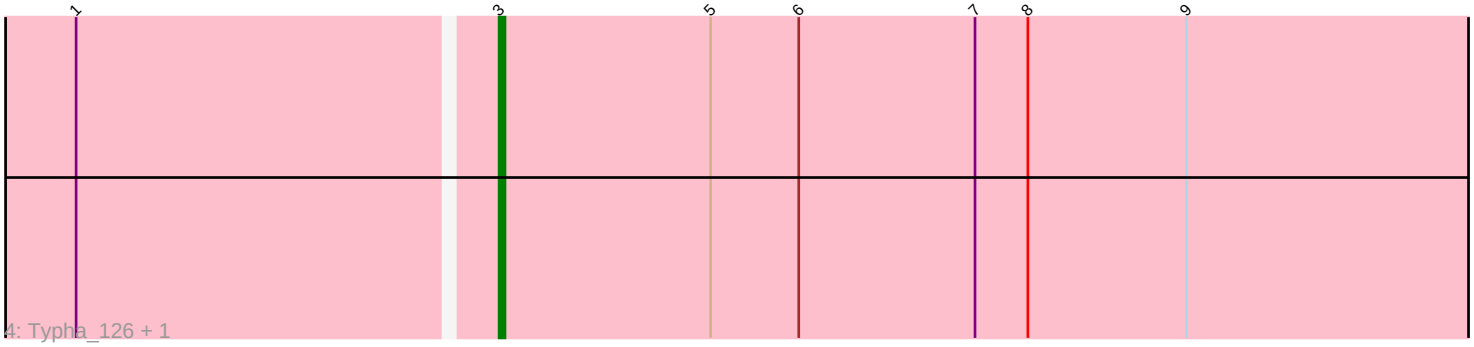
Pham 342925


4
11
1: Weirdo19_77


2
10
11
12
2: Purky_82


1
3
5
6
7
8
9
3: Faiyaz_129 + 1


1
3
5
6
7
8
9
4: Typha_126 + 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 342925 Report

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

Pham number 342925 has 6 members, 1 are drafts.

Phages represented in each track:
• Track 1 : Weirdo19_77
• Track 2 : Purky_82
• Track 3 : Faiyaz_129, Hilltopfarm_131
• Track 4 : Typha_126, AuntGwenStacy_127

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 4 of the 5 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• AuntGwenStacy_127, Faiyaz_129, Hilltopfarm_131, Typha_126,

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

Genes that do not have the "Most Annotated" start:
• Purky_82, Weirdo19_77,

Summary by start number:

Start 2:
• Found in 1 of 6 (16.7%) of genes in pham
• Manual Annotations of this start: 1 of 5
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Purky_82 (P6),

Start 3:
• Found in 4 of 6 (66.7%) of genes in pham
• Manual Annotations of this start: 4 of 5
• Called 100.0% of time when present
• Phage (with cluster) where this start called: AuntGwenStacy_127 (Y), Faiyaz_129 (Y), Hilltopfarm_131 (Y), Typha_126 (Y),

Start 4:
• Found in 1 of 6 (16.7%) of genes in pham
• No Manual Annotations of this start.
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Weirdo19_77 (AH),

Summary by clusters:

There are 3 clusters represented in this pham: Y, AH, P6,

Info for manual annotations of cluster P6:
•Start number 2 was manually annotated 1 time for cluster P6.

Info for manual annotations of cluster Y:
•Start number 3 was manually annotated 4 times for cluster Y.

Gene Information:

Gene: AuntGwenStacy_127 Start: 73585, Stop: 73767, Start Num: 3
Candidate Starts for AuntGwenStacy_127:
(1, 73516), (Start: 3 @73585 has 4 MA's), (5, 73621), (6, 73636), (7, 73666), (8, 73675), (9, 73702),

Gene: Faiyaz_129 Start: 73730, Stop: 73912, Start Num: 3
Candidate Starts for Faiyaz_129:
(1, 73658), (Start: 3 @73730 has 4 MA's), (5, 73766), (6, 73781), (7, 73811), (8, 73820), (9, 73847),

Gene: Hilltopfarm_131 Start: 74555, Stop: 74737, Start Num: 3
Candidate Starts for Hilltopfarm_131:
(1, 74483), (Start: 3 @74555 has 4 MA's), (5, 74591), (6, 74606), (7, 74636), (8, 74645), (9, 74672),

Gene: Purky_82 Start: 49508, Stop: 49702, Start Num: 2
Candidate Starts for Purky_82:
(Start: 2 @49508 has 1 MA's), (10, 49640), (11, 49643), (12, 49655),

Gene: Typha_126 Start: 73586, Stop: 73768, Start Num: 3
Candidate Starts for Typha_126:
(1, 73517), (Start: 3 @73586 has 4 MA's), (5, 73622), (6, 73637), (7, 73667), (8, 73676), (9, 73703),

Gene: Weirdo19_77 Start: 48613, Stop: 48777, Start Num: 4
Candidate Starts for Weirdo19_77:
(4, 48613), (11, 48733),