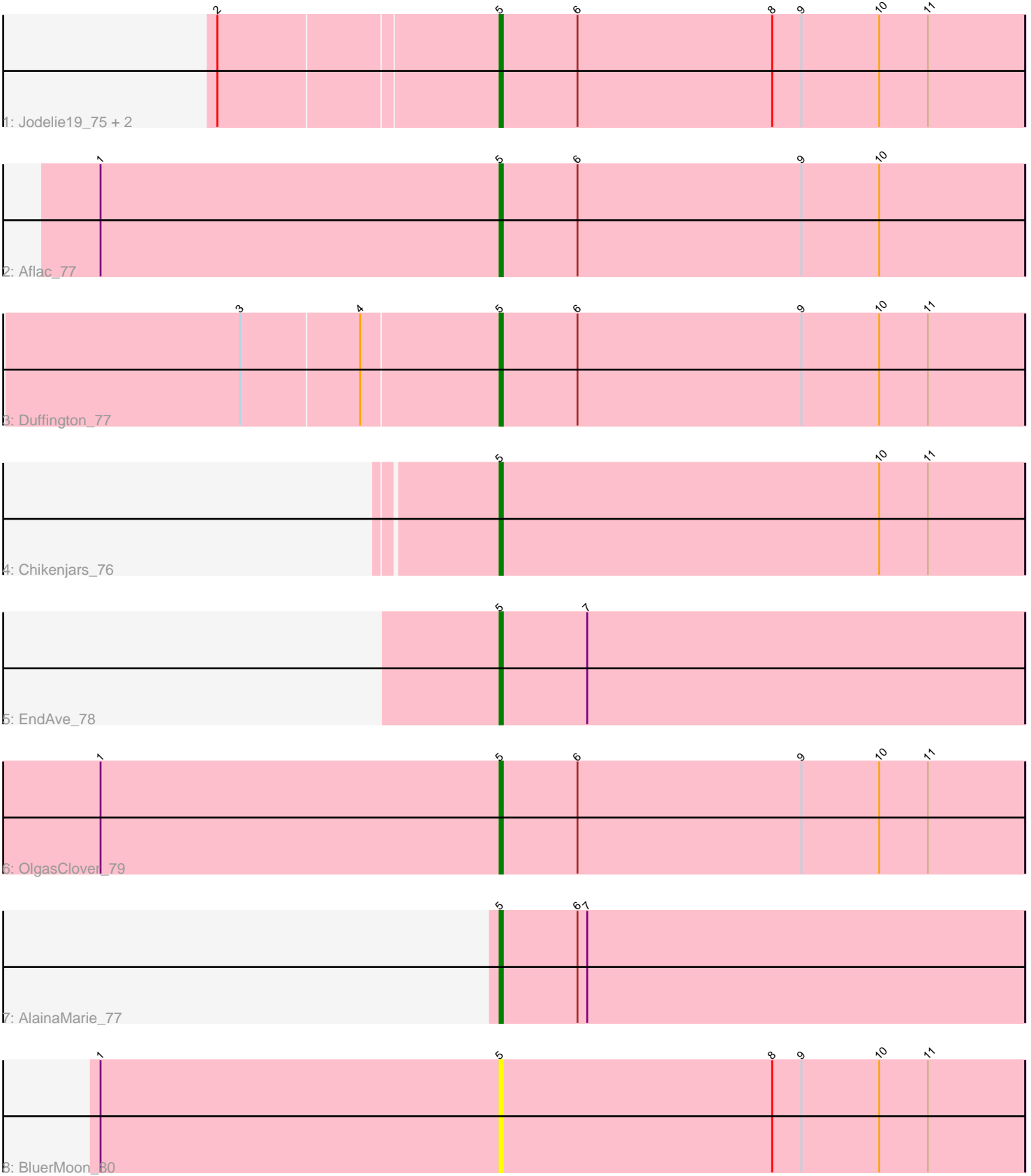# Pham 28170

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 28170 Report

This analysis was run 04/28/24 on database version 559.

Pham number 28170 has 10 members, 2 are drafts.

Phages represented in each track:
• Track 1 : Jodelie19_75, TenaciousP_82, Figliar_75
• Track 2 : Aflac_77
• Track 3 : Duffington_77
• Track 4 : Chikenjars_76
• Track 5 : EndAve_78
• Track 6 : OlgasClover_79
• Track 7 : AlainaMarie_77
• Track 8 : BluerMoon_80

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

The start number called the most often in the published annotations is 5, it was called in 8 of the 8 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Aflac_77, AlainaMarie_77, BluerMoon_80, Chikenjars_76, Duffington_77, EndAve_78, Figliar_75, Jodelie19_75, OlgasClover_79, TenaciousP_82,

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 5:
• Found in 10 of 10 (100.0%) of genes in pham
• Manual Annotations of this start: 8 of 8
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Aflac_77 (DJ), AlainaMarie_77 (DJ), BluerMoon_80 (DJ), Chikenjars_76 (DJ), Duffington_77 (DJ), EndAve_78 (DJ), Figliar_75 (DJ), Jodelie19_75 (DJ), OlgasClover_79 (DJ), TenaciousP_82 (DJ),

Summary by clusters:

There is one cluster represented in this pham: DJ

Info for manual annotations of cluster DJ:
•Start number 5 was manually annotated 8 times for cluster DJ.

Gene Information:
Gene: Aflac_77 Start: 51707, Stop: 51868, Start Num: 5
Candidate Starts for Aflac_77:
(1, 51584), (Start: 5 @51707 has 8 MA's), (6, 51731), (9, 51800), (10, 51824),

Gene: AlainaMarie_77 Start: 51752, Stop: 51913, Start Num: 5
Candidate Starts for AlainaMarie_77:
(Start: 5 @51752 has 8 MA's), (6, 51776), (7, 51779),

Gene: BluerMoon_80 Start: 51659, Stop: 51820, Start Num: 5
Candidate Starts for BluerMoon_80:
(1, 51536), (Start: 5 @51659 has 8 MA's), (8, 51743), (9, 51752), (10, 51776), (11, 51791),

Gene: Chikenjars_76 Start: 51718, Stop: 51879, Start Num: 5
Candidate Starts for Chikenjars_76:
(Start: 5 @51718 has 8 MA's), (10, 51835), (11, 51850),

Gene: Duffington_77 Start: 51688, Stop: 51849, Start Num: 5
Candidate Starts for Duffington_77:
(3, 51610), (4, 51646), (Start: 5 @51688 has 8 MA's), (6, 51712), (9, 51781), (10, 51805), (11, 51820),

Gene: EndAve_78 Start: 51662, Stop: 51823, Start Num: 5
Candidate Starts for EndAve_78:
(Start: 5 @51662 has 8 MA's), (7, 51689),

Gene: Figliar_75 Start: 51487, Stop: 51648, Start Num: 5
Candidate Starts for Figliar_75:
(2, 51403), (Start: 5 @51487 has 8 MA's), (6, 51511), (8, 51571), (9, 51580), (10, 51604), (11, 51619),

Gene: Jodelie19_75 Start: 52654, Stop: 52815, Start Num: 5
Candidate Starts for Jodelie19_75:
(2, 52570), (Start: 5 @52654 has 8 MA's), (6, 52678), (8, 52738), (9, 52747), (10, 52771), (11, 52786),

Gene: OlgasClover_79 Start: 52568, Stop: 52729, Start Num: 5
Candidate Starts for OlgasClover_79:
(1, 52445), (Start: 5 @52568 has 8 MA's), (6, 52592), (9, 52661), (10, 52685), (11, 52700),

Gene: TenaciousP_82 Start: 52616, Stop: 52777, Start Num: 5
Candidate Starts for TenaciousP_82:
(2, 52532), (Start: 5 @52616 has 8 MA's), (6, 52640), (8, 52700), (9, 52709), (10, 52733), (11, 52748),