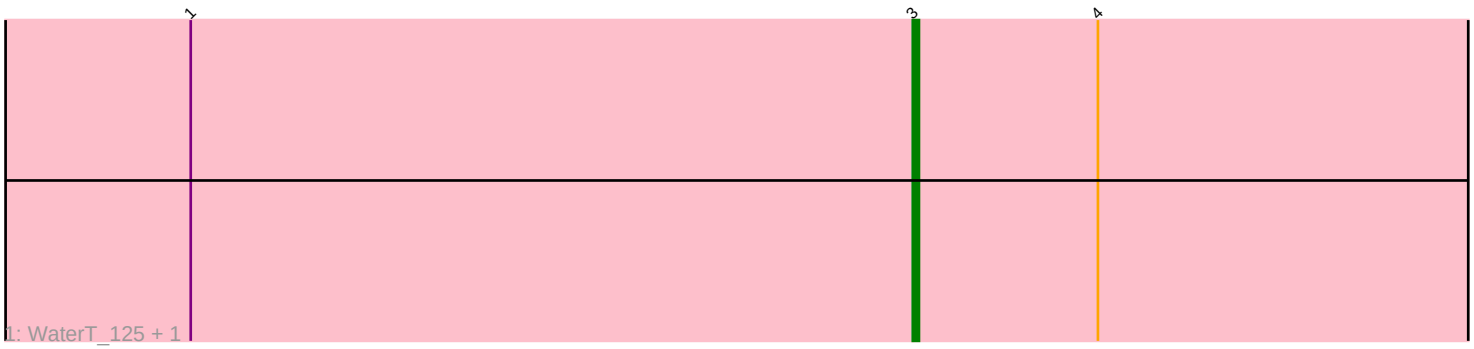
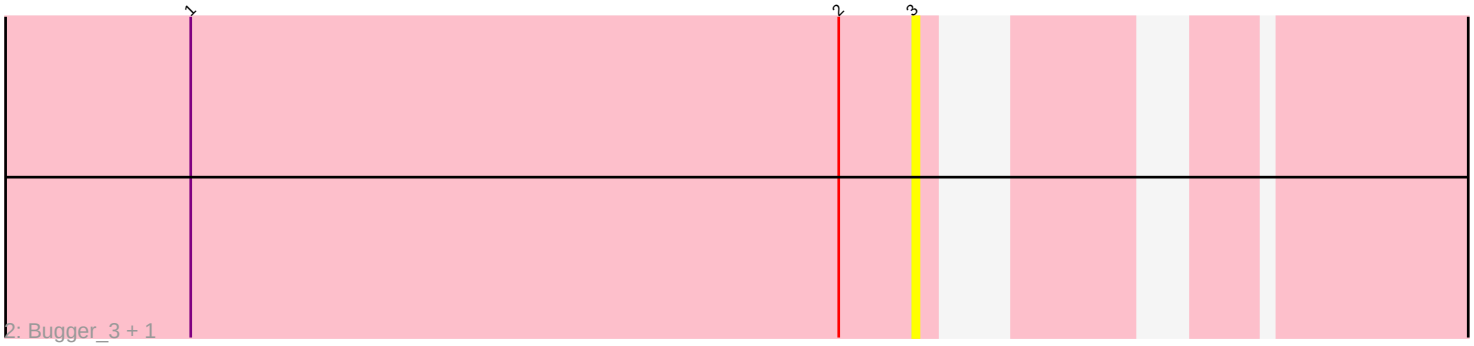
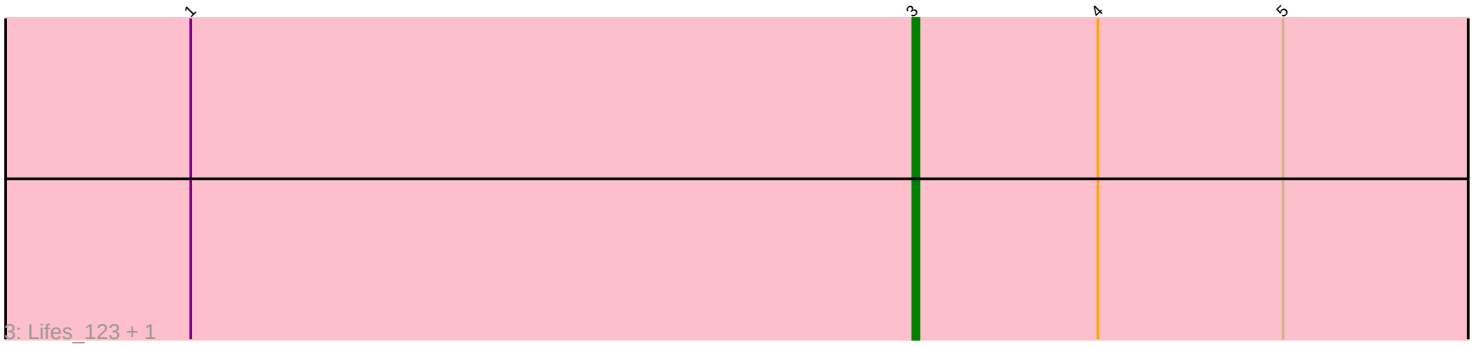
Pham 156879


1
3
4
1: WaterT_125 + 1


1
2
3
2: Bugger_3 + 1


1
3
4
5
3: Lifes_123 + 1


3
4
5
4: LeeroyJenkins_130 + 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 156879 Report

This analysis was run 04/12/24 on database version 558.

Pham number 156879 has 8 members, 2 are drafts.

Phages represented in each track:
• Track 1 : WaterT_125, WaterT_3
• Track 2 : Bugger_3, Bugger_123
• Track 3 : Lifes_123, Lifes_3
• Track 4 : LeeroyJenkins_130, LeeroyJenkins_4

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 6 of the 6 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Bugger_123, Bugger_3, LeeroyJenkins_130, LeeroyJenkins_4, Lifes_123, Lifes_3, WaterT_125, WaterT_3,

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 8 of 8 (100.0%) of genes in pham
• Manual Annotations of this start: 6 of 6
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Bugger_123 (GB), Bugger_3 (GB), LeeroyJenkins_130 (GB), LeeroyJenkins_4 (GB), Lifes_123 (GB), Lifes_3 (GB), WaterT_125 (GB), WaterT_3 (GB),

Summary by clusters:

There is one cluster represented in this pham: GB

Info for manual annotations of cluster GB:
•Start number 3 was manually annotated 6 times for cluster GB.

Gene Information:

Gene: Bugger_3 Start: 682, Stop: 452, Start Num: 3
Candidate Starts for Bugger_3:
(1, 799), (2, 694), (Start: 3 @682 has 6 MA's),

Gene: Bugger_123 Start: 60686, Stop: 60456, Start Num: 3
Candidate Starts for Bugger_123:
(1, 60803), (2, 60698), (Start: 3 @60686 has 6 MA's),

Gene: LeeroyJenkins_130 Start: 61611, Stop: 61357, Start Num: 3
Candidate Starts for LeeroyJenkins_130:
(Start: 3 @61611 has 6 MA's), (4, 61581), (5, 61551),

Gene: LeeroyJenkins_4 Start: 979, Stop: 725, Start Num: 3
Candidate Starts for LeeroyJenkins_4:
(Start: 3 @979 has 6 MA's), (4, 949), (5, 919),

Gene: Lifes_123 Start: 58429, Stop: 58175, Start Num: 3
Candidate Starts for Lifes_123:
(1, 58546), (Start: 3 @58429 has 6 MA's), (4, 58399), (5, 58369),

Gene: Lifes_3 Start: 706, Stop: 452, Start Num: 3
Candidate Starts for Lifes_3:
(1, 823), (Start: 3 @706 has 6 MA's), (4, 676), (5, 646),

Gene: WaterT_125 Start: 60491, Stop: 60240, Start Num: 3
Candidate Starts for WaterT_125:
(1, 60608), (Start: 3 @60491 has 6 MA's), (4, 60461),

Gene: WaterT_3 Start: 946, Stop: 695, Start Num: 3
Candidate Starts for WaterT_3:
(1, 1063), (Start: 3 @946 has 6 MA's), (4, 916),