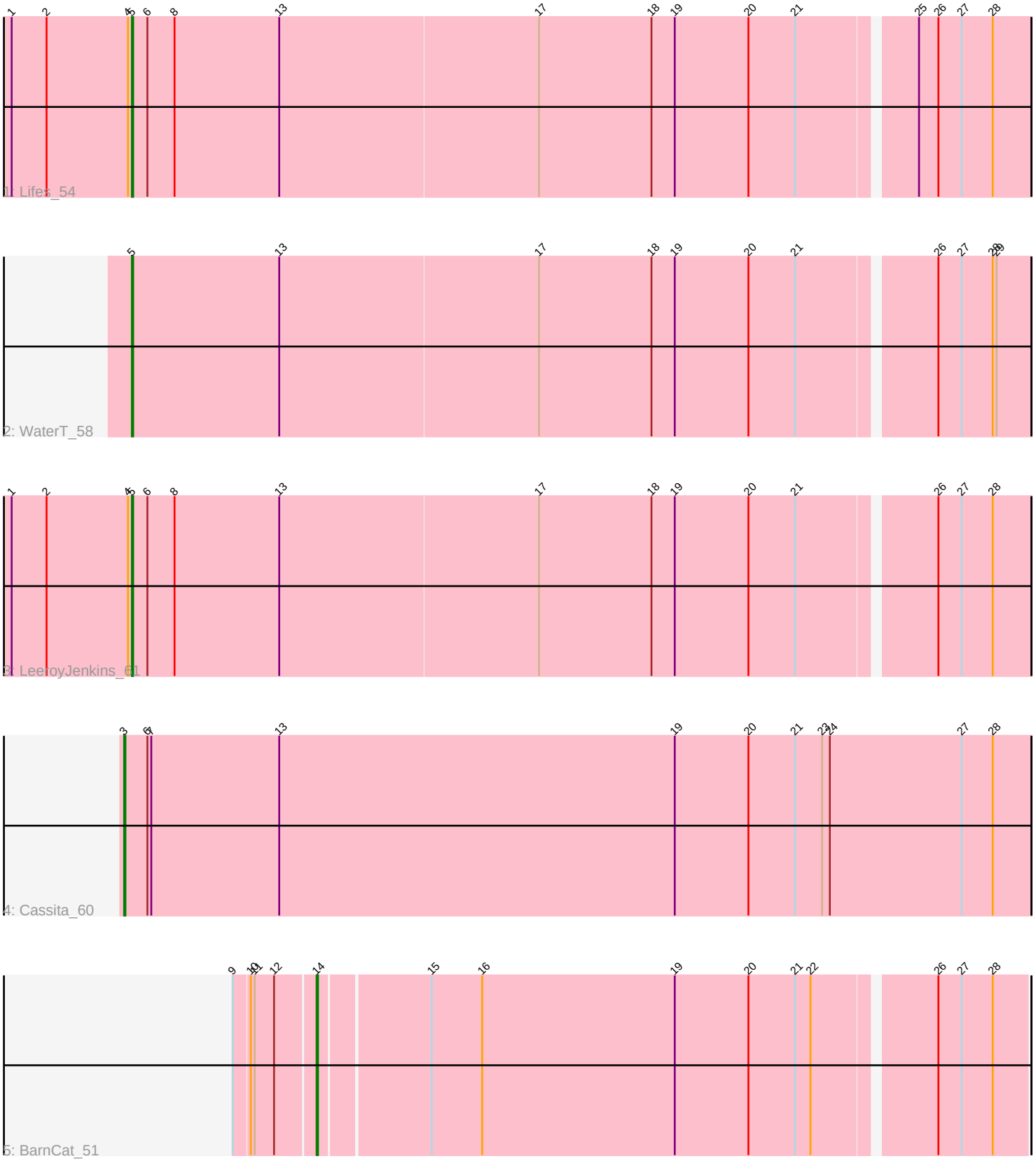
Pham 342977


1: Lifes_54
2: WaterT_58
3: LeeroyJenkins_61
4: Cassita_60
5: BarnCat_51

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 342977 Report

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

Pham number 342977 has 5 members, 0 are drafts.

Phages represented in each track:
• Track 1 : Lifes_54
• Track 2 : WaterT_58
• Track 3 : LeeroyJenkins_61
• Track 4 : Cassita_60
• Track 5 : BarnCat_51

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

Genes that call this "Most Annotated" start:
• LeeroyJenkins_61, Lifes_54, WaterT_58,

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

Genes that do not have the "Most Annotated" start:
• BarnCat_51, Cassita_60,

Summary by start number:

Start 3:
• Found in 1 of 5 (20.0%) 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: Cassita_60 (GB),

Start 5:
• Found in 3 of 5 (60.0%) of genes in pham
• Manual Annotations of this start: 3 of 5
• Called 100.0% of time when present
• Phage (with cluster) where this start called: LeeroyJenkins_61 (GB), Lifes_54 (GB), WaterT_58 (GB),

Start 14:
• Found in 1 of 5 (20.0%) 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: BarnCat_51 (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 1 time for cluster GB.
•Start number 5 was manually annotated 3 times for cluster GB.
•Start number 14 was manually annotated 1 time for cluster GB.

Gene Information:

Gene: BarnCat_51 Start: 32183, Stop: 31656, Start Num: 14
Candidate Starts for BarnCat_51:
(9, 32243), (10, 32231), (11, 32228), (12, 32213), (Start: 14 @32183 has 1 MA's), (15, 32102), (16, 32063), (19, 31916), (20, 31859), (21, 31823), (22, 31811), (26, 31724), (27, 31706), (28, 31682),

Gene: Cassita_60 Start: 35386, Stop: 34685, Start Num: 3
Candidate Starts for Cassita_60:
(Start: 3 @35386 has 1 MA's), (6, 35368), (7, 35365), (13, 35266), (19, 34960), (20, 34903), (21, 34867), (23, 34846), (24, 34840), (27, 34738), (28, 34714),

Gene: LeeroyJenkins_61 Start: 36071, Stop: 35391, Start Num: 5
Candidate Starts for LeeroyJenkins_61:
(1, 36164), (2, 36137), (4, 36074), (Start: 5 @36071 has 3 MA's), (6, 36059), (8, 36038), (13, 35957), (17, 35759), (18, 35672), (19, 35654), (20, 35597), (21, 35561), (26, 35462), (27, 35444), (28, 35420),

Gene: Lifes_54 Start: 32509, Stop: 31829, Start Num: 5
Candidate Starts for Lifes_54:
(1, 32602), (2, 32575), (4, 32512), (Start: 5 @32509 has 3 MA's), (6, 32497), (8, 32476), (13, 32395), (17, 32197), (18, 32110), (19, 32092), (20, 32035), (21, 31999), (25, 31915), (26, 31900), (27, 31882), (28, 31858),

Gene: WaterT_58 Start: 35137, Stop: 34457, Start Num: 5
Candidate Starts for WaterT_58:
(Start: 5 @35137 has 3 MA's), (13, 35023), (17, 34825), (18, 34738), (19, 34720), (20, 34663), (21, 34627), (26, 34528), (27, 34510), (28, 34486), (29, 34483),