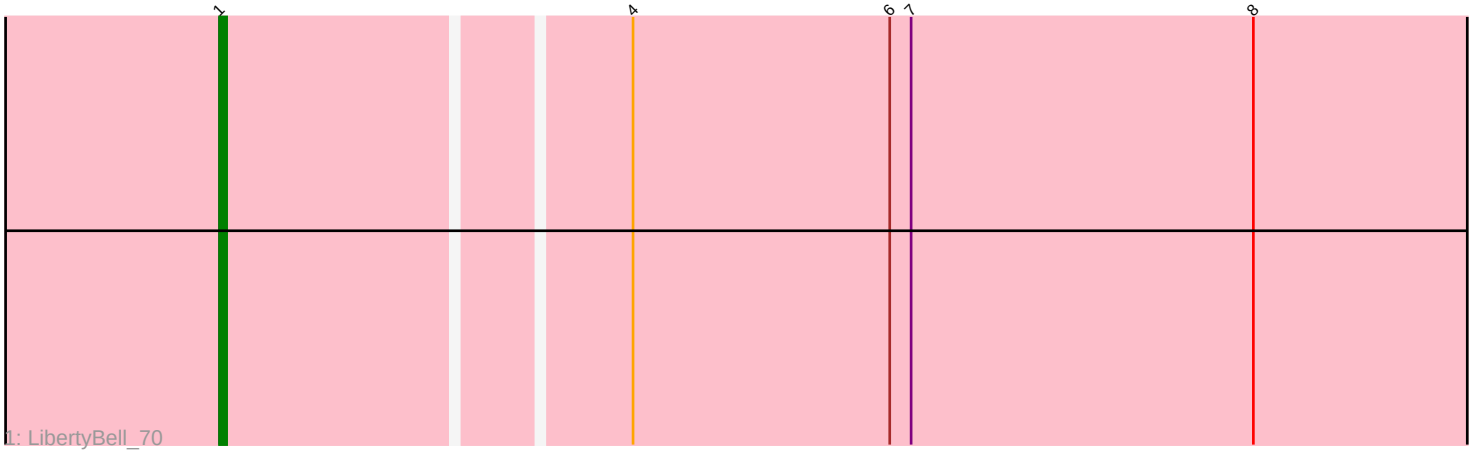
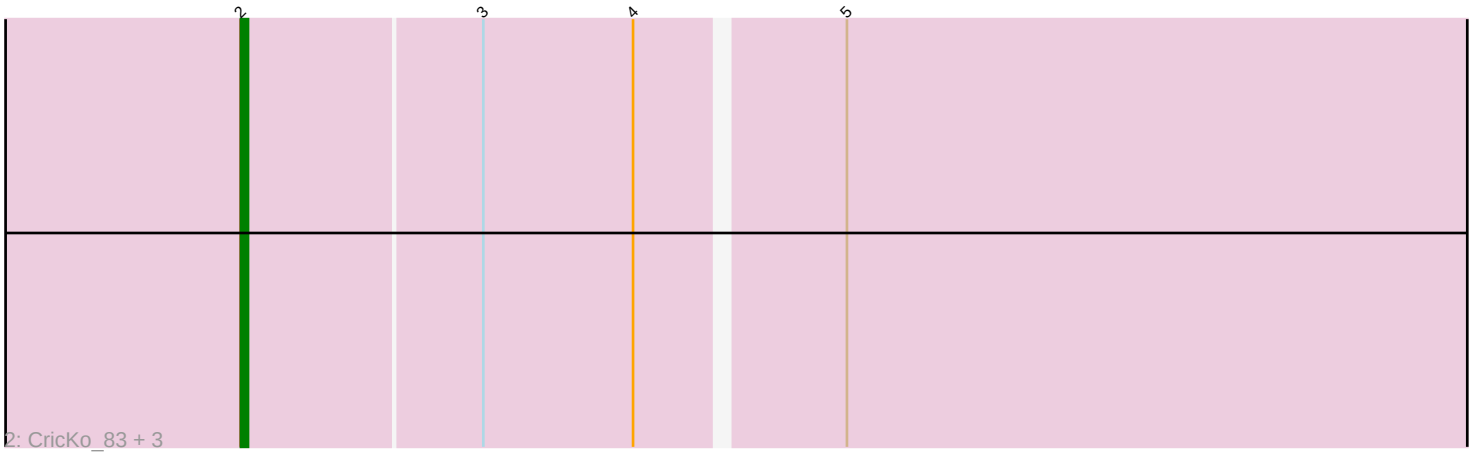
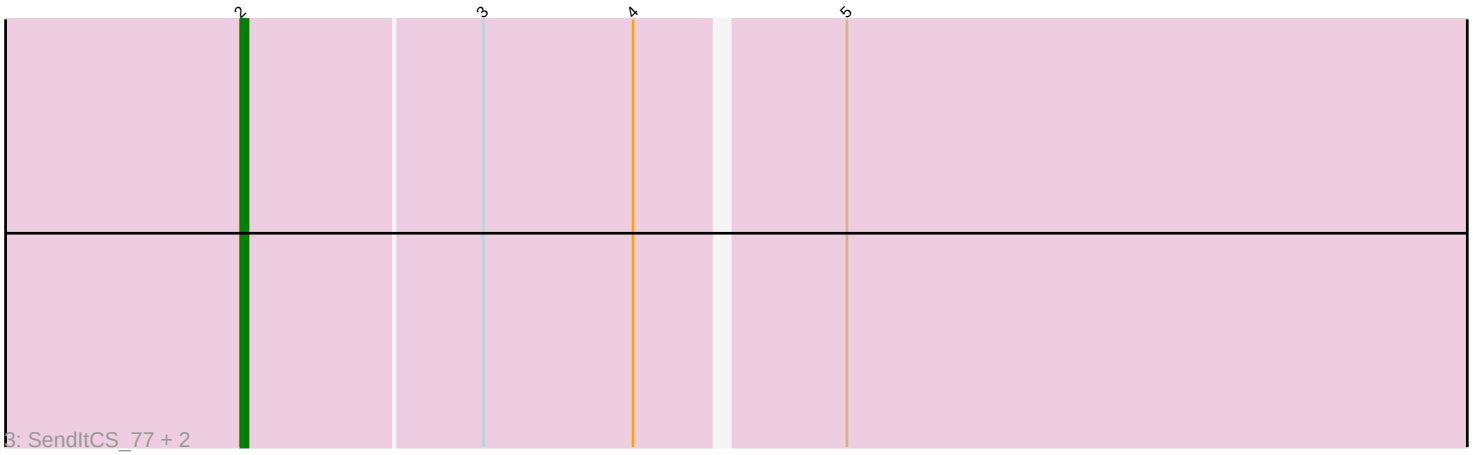
Pham 346468







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 346468 Report

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

Pham number 346468 has 8 members, 2 are drafts.

Phages represented in each track:
• Track 1 : LibertyBell_70
• Track 2 : CricKo_83, Thiqqums_83, Regigigas_83, Rainydai_80
• Track 3 : SendItCS_77, Miek_79, FromIndy_83

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

The start number called the most often in the published annotations is 2, it was called in 5 of the 6 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• CricKo_83, FromIndy_83, Miek_79, Rainydai_80, Regigigas_83, SendItCS_77, Thiqqums_83,

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

Genes that do not have the "Most Annotated" start:
• LibertyBell_70,

Summary by start number:

Start 1:
• Found in 1 of 8 (12.5%) of genes in pham
• Manual Annotations of this start: 1 of 6
• Called 100.0% of time when present
• Phage (with cluster) where this start called: LibertyBell_70 (BI3),

Start 2:
• Found in 7 of 8 (87.5%) of genes in pham
• Manual Annotations of this start: 5 of 6
• Called 100.0% of time when present
• Phage (with cluster) where this start called: CricKo_83 (BI4), FromIndy_83 (BI4), Miek_79 (BI4), Rainydai_80 (BI4), Regigigas_83 (BI4), SendItCS_77 (BI4), Thiqqums_83 (BI4),

Summary by clusters:

There are 2 clusters represented in this pham: BI4, BI3,

Info for manual annotations of cluster BI3:
•Start number 1 was manually annotated 1 time for cluster BI3.

Info for manual annotations of cluster BI4:
•Start number 2 was manually annotated 5 times for cluster BI4.

Gene Information:

Gene: CricKo_83 Start: 48834, Stop: 49046, Start Num: 2
Candidate Starts for CricKo_83:
(Start: 2 @48834 has 5 MA's), (3, 48867), (4, 48888), (5, 48915),

Gene: FromIndy_83 Start: 48468, Stop: 48680, Start Num: 2
Candidate Starts for FromIndy_83:
(Start: 2 @48468 has 5 MA's), (3, 48501), (4, 48522), (5, 48549),

Gene: LibertyBell_70 Start: 44850, Stop: 45065, Start Num: 1
Candidate Starts for LibertyBell_70:
(Start: 1 @44850 has 1 MA's), (4, 44904), (6, 44940), (7, 44943), (8, 44991),

Gene: Miek_79 Start: 47650, Stop: 47862, Start Num: 2
Candidate Starts for Miek_79:
(Start: 2 @47650 has 5 MA's), (3, 47683), (4, 47704), (5, 47731),

Gene: Rainydai_80 Start: 48834, Stop: 49046, Start Num: 2
Candidate Starts for Rainydai_80:
(Start: 2 @48834 has 5 MA's), (3, 48867), (4, 48888), (5, 48915),

Gene: Regigigas_83 Start: 48446, Stop: 48658, Start Num: 2
Candidate Starts for Regigigas_83:
(Start: 2 @48446 has 5 MA's), (3, 48479), (4, 48500), (5, 48527),

Gene: SendItCS_77 Start: 47638, Stop: 47850, Start Num: 2
Candidate Starts for SendItCS_77:
(Start: 2 @47638 has 5 MA's), (3, 47671), (4, 47692), (5, 47719),

Gene: Thiqqums_83 Start: 48834, Stop: 49046, Start Num: 2
Candidate Starts for Thiqqums_83:
(Start: 2 @48834 has 5 MA's), (3, 48867), (4, 48888), (5, 48915),