Pham 348420


1: Sisko_76
2: BiggityBass_76
3: Sour_73
4: LittleMunchkin_76
5: Yago84_75

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 348420 Report

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

Pham number 348420 has 5 members, 0 are drafts.

Phages represented in each track:
• Track 1 : Sisko_76
• Track 2 : BiggityBass_76
• Track 3 : Sour_73
• Track 4 : LittleMunchkin_76
• Track 5 : Yago84_75

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

The start number called the most often in the published annotations is 6, it was called in 3 of the 5 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• LittleMunchkin_76, Sisko_76, Yago84_75,

Genes that have the "Most Annotated" start but do not call it:
• BiggityBass_76,

Genes that do not have the "Most Annotated" start:
• Sour_73,

Summary by start number:

Start 6:
• Found in 4 of 5 (80.0%) of genes in pham
• Manual Annotations of this start: 3 of 5
• Called 75.0% of time when present
• Phage (with cluster) where this start called: LittleMunchkin_76 (DR), Sisko_76 (DR), Yago84_75 (DR),

Start 7:
• 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: BiggityBass_76 (DR),

Start 10:
• Found in 4 of 5 (80.0%) of genes in pham
• Manual Annotations of this start: 1 of 5
• Called 25.0% of time when present
• Phage (with cluster) where this start called: Sour_73 (DR),

Summary by clusters:

There is one cluster represented in this pham: DR

Info for manual annotations of cluster DR:
•Start number 6 was manually annotated 3 times for cluster DR.
•Start number 7 was manually annotated 1 time for cluster DR.
•Start number 10 was manually annotated 1 time for cluster DR.

Gene Information:

Gene: BiggityBass_76 Start: 59275, Stop: 58550, Start Num: 7
Candidate Starts for BiggityBass_76:
(4, 59377), (5, 59326), (Start: 6 @59278 has 3 MA's), (Start: 7 @59275 has 1 MA's), (Start: 10 @59182 has 1 MA's), (12, 59173), (14, 59074), (17, 59002), (23, 58906), (25, 58822), (26, 58798), (31, 58714), (33, 58657),

Gene: LittleMunchkin_76 Start: 59392, Stop: 58763, Start Num: 6
Candidate Starts for LittleMunchkin_76:
(2, 59566), (3, 59548), (5, 59440), (Start: 6 @59392 has 3 MA's), (9, 59296), (16, 59149), (17, 59125), (19, 59119), (20, 59116), (23, 59029), (29, 58852),

Gene: Sisko_76 Start: 58151, Stop: 57393, Start Num: 6
Candidate Starts for Sisko_76:
(3, 58307), (5, 58199), (Start: 6 @58151 has 3 MA's), (8, 58112), (Start: 10 @58049 has 1 MA's), (12, 58040), (15, 57905), (21, 57833), (22, 57767), (24, 57683), (25, 57674), (26, 57650), (31, 57566),

Gene: Sour_73 Start: 58426, Stop: 57770, Start Num: 10
Candidate Starts for Sour_73:
(1, 58831), (Start: 10 @58426 has 1 MA's), (11, 58420), (12, 58417), (13, 58393), (18, 58240), (19, 58237), (22, 58156), (24, 58072), (26, 58039), (30, 57961), (32, 57949), (34, 57835),

Gene: Yago84_75 Start: 57850, Stop: 57104, Start Num: 6
Candidate Starts for Yago84_75:
(3, 58006), (5, 57898), (Start: 6 @57850 has 3 MA's), (8, 57811), (Start: 10 @57748 has 1 MA's), (12, 57739), (16, 57595), (20, 57562), (23, 57475), (27, 57334), (28, 57304), (31, 57277), (33, 57220),