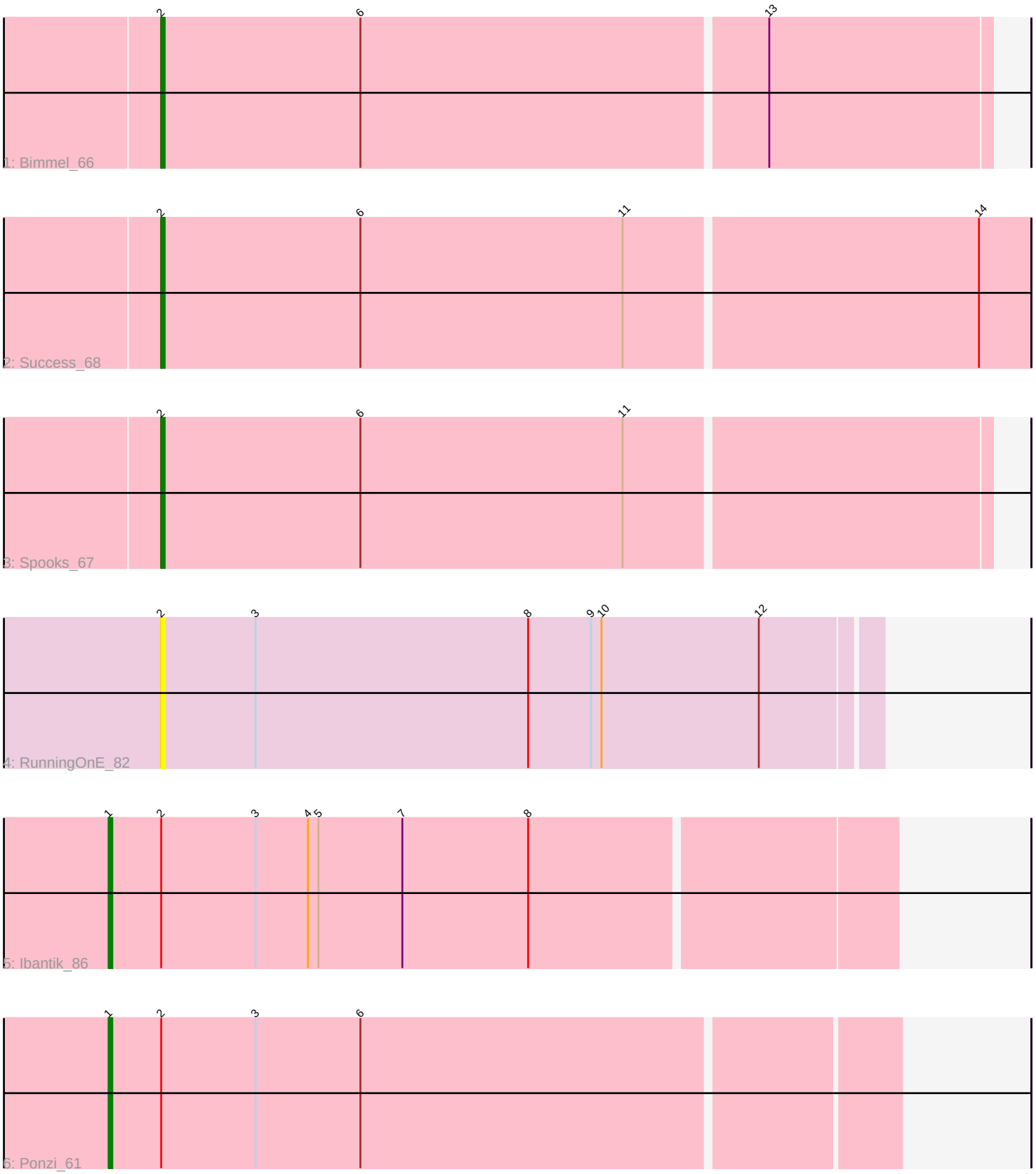
Pham 303995


2
6
13
1: Bimmel_66
2
6
11
14
2: Success_68
2
6
11
3: Spooks_67
2
3
8
9
10
12
4: RunningOnE_82
1
2
3
4
5
7
8
5: Ibantik_86
1
2
3
6
6: Ponzi_61

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 303995 Report

This analysis was run 06/08/26 on database version 649.

Pham number 303995 has 6 members, 1 are drafts.

Phages represented in each track:
• Track 1 : Bimmel_66
• Track 2 : Success_68
• Track 3 : Spooks_67
• Track 4 : RunningOnE_82
• Track 5 : Ibantik_86
• Track 6 : Ponzi_61

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

Genes that call this "Most Annotated" start:
• Bimmel_66, RunningOnE_82, Spooks_67, Success_68,

Genes that have the "Most Annotated" start but do not call it:
• Ibantik_86, Ponzi_61,

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

Summary by start number:

Start 1:
• Found in 2 of 6 (33.3%) of genes in pham
• Manual Annotations of this start: 2 of 5
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Ibantik_86 (singleton), Ponzi_61 (singleton),

Start 2:
• Found in 6 of 6 (100.0%) of genes in pham
• Manual Annotations of this start: 3 of 5
• Called 66.7% of time when present

• Phage (with cluster) where this start called: Bimmel_66 (BT), RunningOnE_82 (UNK), Spooks_67 (BT), Success_68 (BT),

Summary by clusters:

There are 3 clusters represented in this pham: BT, singleton, UNK,

Info for manual annotations of cluster BT:
•Start number 2 was manually annotated 3 times for cluster BT.

Gene Information:

Gene: Bimmel_66 Start: 44675, Stop: 44908, Start Num: 2
Candidate Starts for Bimmel_66:
(Start: 2 @44675 has 3 MA's), (6, 44732), (13, 44846),

Gene: Ibantik_86 Start: 49198, Stop: 49419, Start Num: 1
Candidate Starts for Ibantik_86:
(Start: 1 @49198 has 2 MA's), (Start: 2 @49213 has 3 MA's), (3, 49240), (4, 49255), (5, 49258), (7, 49282), (8, 49318),

Gene: Ponzi_61 Start: 43850, Stop: 44071, Start Num: 1
Candidate Starts for Ponzi_61:
(Start: 1 @43850 has 2 MA's), (Start: 2 @43865 has 3 MA's), (3, 43892), (6, 43922),

Gene: RunningOnE_82 Start: 48442, Stop: 48645, Start Num: 2
Candidate Starts for RunningOnE_82:
(Start: 2 @48442 has 3 MA's), (3, 48469), (8, 48547), (9, 48565), (10, 48568), (12, 48613),

Gene: Spooks_67 Start: 45982, Stop: 46215, Start Num: 2
Candidate Starts for Spooks_67:
(Start: 2 @45982 has 3 MA's), (6, 46039), (11, 46114),

Gene: Success_68 Start: 45114, Stop: 45359, Start Num: 2
Candidate Starts for Success_68:
(Start: 2 @45114 has 3 MA's), (6, 45171), (11, 45246), (14, 45345),