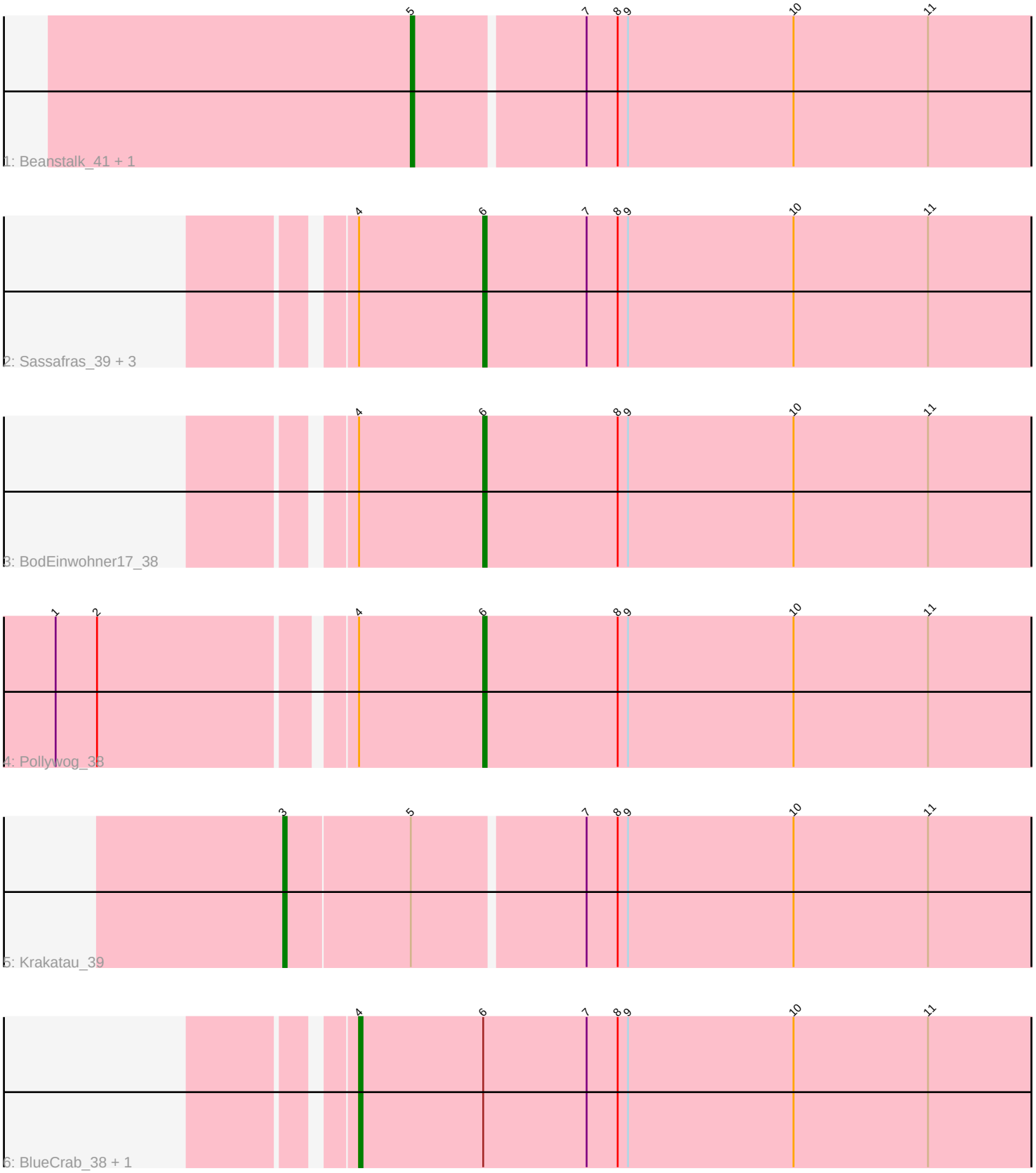
Pham 335489


5
7
8
9
10
11
1: Beanstalk_41 + 1
4
6
7
8
9
10
11
2: Sassafras_39 + 3
4
6
8
9
10
11
3: BodEinwohner17_38
1
2
4
6
8
9
10
11
4: Pollywog_38
3
5
7
8
9
10
11
5: Krakatau_39
4
6
7
8
9
10
11
6: BlueCrab_38 + 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 335489 Report

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

Pham number 335489 has 11 members, 0 are drafts.

Phages represented in each track:
• Track 1 : Beanstalk_41, Rockne_38
• Track 2 : Sassafras_39, Polka14_39, IbOuu_40, Deb65_38
• Track 3 : BodEinwohner17_38
• Track 4 : Pollywog_38
• Track 5 : Krakatau_39
• Track 6 : BlueCrab_38, Leozinho_40

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 6 of the 11 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• BodEinwohner17_38, Deb65_38, IbOuu_40, Polka14_39, Pollywog_38, Sassafras_39,

Genes that have the "Most Annotated" start but do not call it:
• BlueCrab_38, Leozinho_40,

Genes that do not have the "Most Annotated" start:
• Beanstalk_41, Krakatau_39, Rockne_38,

Summary by start number:

Start 3:
• Found in 1 of 11 (9.1%) of genes in pham
• Manual Annotations of this start: 1 of 11
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Krakatau_39 (F1),

Start 4:
• Found in 8 of 11 (72.7%) of genes in pham
• Manual Annotations of this start: 2 of 11
• Called 25.0% of time when present

• Phage (with cluster) where this start called: BlueCrab_38 (F1), Leozinho_40 (F1),

Start 5:
• Found in 3 of 11 (27.3%) of genes in pham
• Manual Annotations of this start: 2 of 11
• Called 66.7% of time when present
• Phage (with cluster) where this start called: Beanstalk_41 (F1), Rockne_38 (F1),

Start 6:
• Found in 8 of 11 (72.7%) of genes in pham
• Manual Annotations of this start: 6 of 11
• Called 75.0% of time when present
• Phage (with cluster) where this start called: BodEinwohner17_38 (F1), Deb65_38 (F1), IbOuu_40 (F1), Polka14_39 (F1), Pollywog_38 (F1), Sassafras_39 (F1),

Summary by clusters:

There is one cluster represented in this pham: F1

Info for manual annotations of cluster F1:
•Start number 3 was manually annotated 1 time for cluster F1.
•Start number 4 was manually annotated 2 times for cluster F1.
•Start number 5 was manually annotated 2 times for cluster F1.
•Start number 6 was manually annotated 6 times for cluster F1.

Gene Information:

Gene: Beanstalk_41 Start: 30888, Stop: 31067, Start Num: 5
Candidate Starts for Beanstalk_41:
(Start: 5 @30888 has 2 MA's), (7, 30936), (8, 30945), (9, 30948), (10, 30996), (11, 31035),

Gene: BlueCrab_38 Start: 30774, Stop: 30971, Start Num: 4
Candidate Starts for BlueCrab_38:
(Start: 4 @30774 has 2 MA's), (Start: 6 @30810 has 6 MA's), (7, 30840), (8, 30849), (9, 30852), (10, 30900), (11, 30939),

Gene: BodEinwohner17_38 Start: 31030, Stop: 31191, Start Num: 6
Candidate Starts for BodEinwohner17_38:
(Start: 4 @30994 has 2 MA's), (Start: 6 @31030 has 6 MA's), (8, 31069), (9, 31072), (10, 31120), (11, 31159),

Gene: Deb65_38 Start: 30644, Stop: 30805, Start Num: 6
Candidate Starts for Deb65_38:
(Start: 4 @30608 has 2 MA's), (Start: 6 @30644 has 6 MA's), (7, 30674), (8, 30683), (9, 30686), (10, 30734), (11, 30773),

Gene: IbOuu_40 Start: 31218, Stop: 31379, Start Num: 6
Candidate Starts for IbOuu_40:
(Start: 4 @31182 has 2 MA's), (Start: 6 @31218 has 6 MA's), (7, 31248), (8, 31257), (9, 31260), (10, 31308), (11, 31347),

Gene: Krakatau_39 Start: 31360, Stop: 31575, Start Num: 3
Candidate Starts for Krakatau_39:
(Start: 3 @31360 has 1 MA's), (Start: 5 @31396 has 2 MA's), (7, 31444), (8, 31453), (9, 31456), (10, 31504), (11, 31543),

Gene: Leozinho_40 Start: 31029, Stop: 31226, Start Num: 4
Candidate Starts for Leozinho_40:
(Start: 4 @31029 has 2 MA's), (Start: 6 @31065 has 6 MA's), (7, 31095), (8, 31104), (9, 31107), (10, 31155), (11, 31194),

Gene: Polka14_39 Start: 31265, Stop: 31426, Start Num: 6
Candidate Starts for Polka14_39:
(Start: 4 @31229 has 2 MA's), (Start: 6 @31265 has 6 MA's), (7, 31295), (8, 31304), (9, 31307), (10, 31355), (11, 31394),

Gene: Pollywog_38 Start: 30974, Stop: 31135, Start Num: 6
Candidate Starts for Pollywog_38:
(1, 30857), (2, 30869), (Start: 4 @30938 has 2 MA's), (Start: 6 @30974 has 6 MA's), (8, 31013), (9, 31016), (10, 31064), (11, 31103),

Gene: Rockne_38 Start: 30683, Stop: 30862, Start Num: 5
Candidate Starts for Rockne_38:
(Start: 5 @30683 has 2 MA's), (7, 30731), (8, 30740), (9, 30743), (10, 30791), (11, 30830),

Gene: Sassafras_39 Start: 31324, Stop: 31485, Start Num: 6
Candidate Starts for Sassafras_39:
(Start: 4 @31288 has 2 MA's), (Start: 6 @31324 has 6 MA's), (7, 31354), (8, 31363), (9, 31366), (10, 31414), (11, 31453),