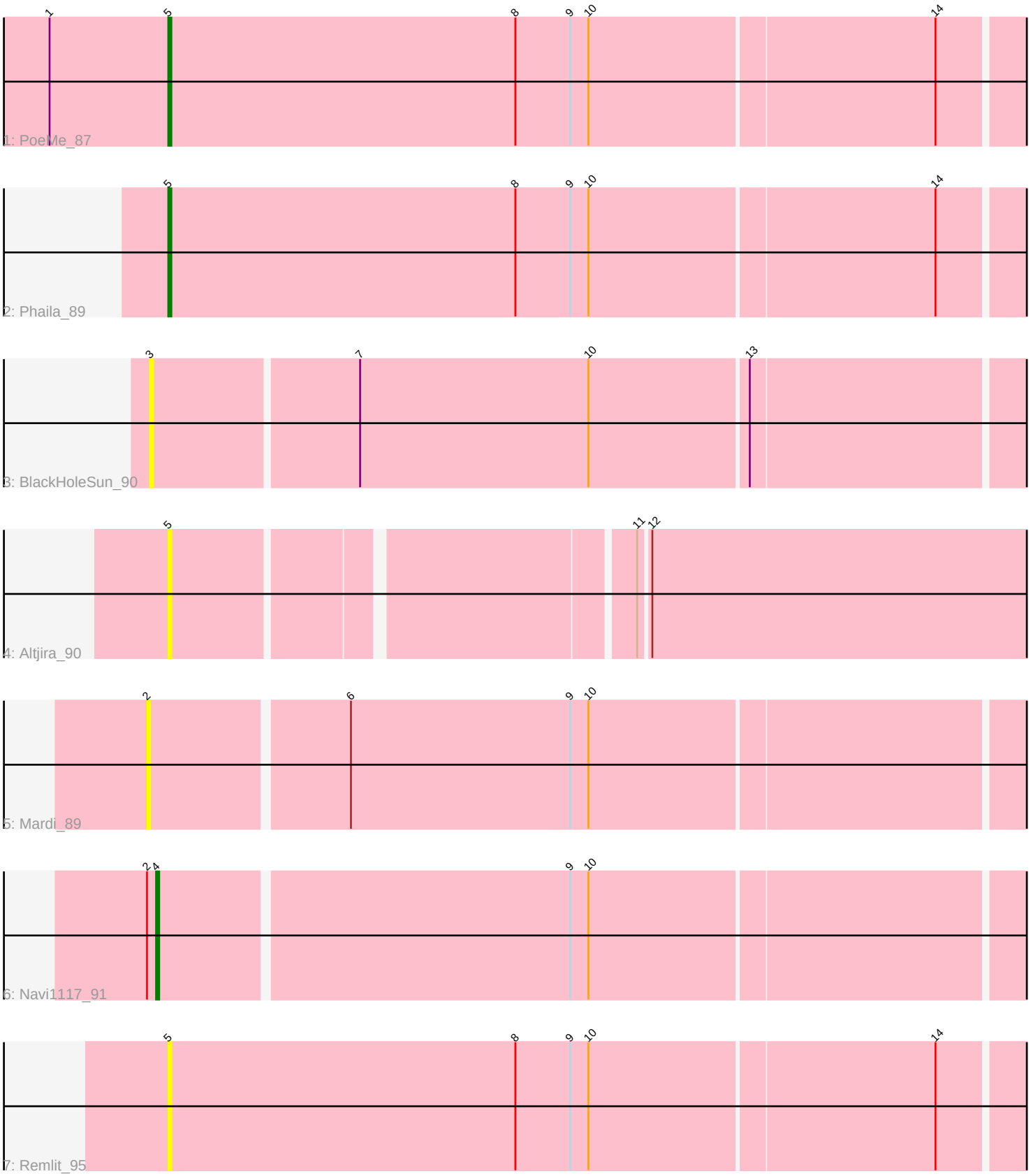
Pham 340384


1
5
8
9
10
14
1: PoeMe_87
5
8
9
10
14
2: Phaila_89
3
7
10
13
3: BlackHoleSun_90
5
11
12
4: Altjira_90
2
6
9
10
5: Mardi_89
2
4
9
10
6: Navi1117_91
5
8
9
10
14
7: Remlit_95

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 340384 Report

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

Pham number 340384 has 7 members, 4 are drafts.

Phages represented in each track:
• Track 1 : PoeMe_87
• Track 2 : Phaila_89
• Track 3 : BlackHoleSun_90
• Track 4 : Altjira_90
• Track 5 : Mardi_89
• Track 6 : Navi1117_91
• Track 7 : Remlit_95

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

Genes that call this "Most Annotated" start:
• Altjira_90, Phaila_89, PoeMe_87, Remlit_95,

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

Genes that do not have the "Most Annotated" start:
• BlackHoleSun_90, Mardi_89, Navi1117_91,

Summary by start number:

Start 2:
• Found in 2 of 7 (28.6%) of genes in pham
• No Manual Annotations of this start.
• Called 50.0% of time when present
• Phage (with cluster) where this start called: Mardi_89 (AU6),

Start 3:
• Found in 1 of 7 (14.3%) of genes in pham
• No Manual Annotations of this start.
• Called 100.0% of time when present

• Phage (with cluster) where this start called: BlackHoleSun_90 (AU6),

Start 4:
• Found in 1 of 7 (14.3%) of genes in pham
• Manual Annotations of this start: 1 of 3
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Navi1117_91 (AU6),

Start 5:
• Found in 4 of 7 (57.1%) of genes in pham
• Manual Annotations of this start: 2 of 3
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Altjira_90 (AU6), Phaila_89 (AU6), PoeMe_87 (AU6), Remlit_95 (AU6),

Summary by clusters:

There is one cluster represented in this pham: AU6

Info for manual annotations of cluster AU6:
•Start number 4 was manually annotated 1 time for cluster AU6.
•Start number 5 was manually annotated 2 times for cluster AU6.

Gene Information:

Gene: Altjira_90 Start: 51633, Stop: 51908, Start Num: 5
Candidate Starts for Altjira_90:
(Start: 5 @51633 has 2 MA's), (11, 51774), (12, 51777),

Gene: BlackHoleSun_90 Start: 50908, Stop: 51195, Start Num: 3
Candidate Starts for BlackHoleSun_90:
(3, 50908), (7, 50974), (10, 51049), (13, 51100),

Gene: Mardi_89 Start: 51004, Stop: 51291, Start Num: 2
Candidate Starts for Mardi_89:
(2, 51004), (6, 51067), (9, 51139), (10, 51145),

Gene: Navi1117_91 Start: 52110, Stop: 52394, Start Num: 4
Candidate Starts for Navi1117_91:
(2, 52107), (Start: 4 @52110 has 1 MA's), (9, 52242), (10, 52248),

Gene: Phaila_89 Start: 51049, Stop: 51333, Start Num: 5
Candidate Starts for Phaila_89:
(Start: 5 @51049 has 2 MA's), (8, 51163), (9, 51181), (10, 51187), (14, 51298),

Gene: PoeMe_87 Start: 51064, Stop: 51348, Start Num: 5
Candidate Starts for PoeMe_87:
(1, 51025), (Start: 5 @51064 has 2 MA's), (8, 51178), (9, 51196), (10, 51202), (14, 51313),

Gene: Remlit_95 Start: 51164, Stop: 51448, Start Num: 5
Candidate Starts for Remlit_95:

(Start: 5 @51164 has 2 MA's), (8, 51278), (9, 51296), (10, 51302), (14, 51413),