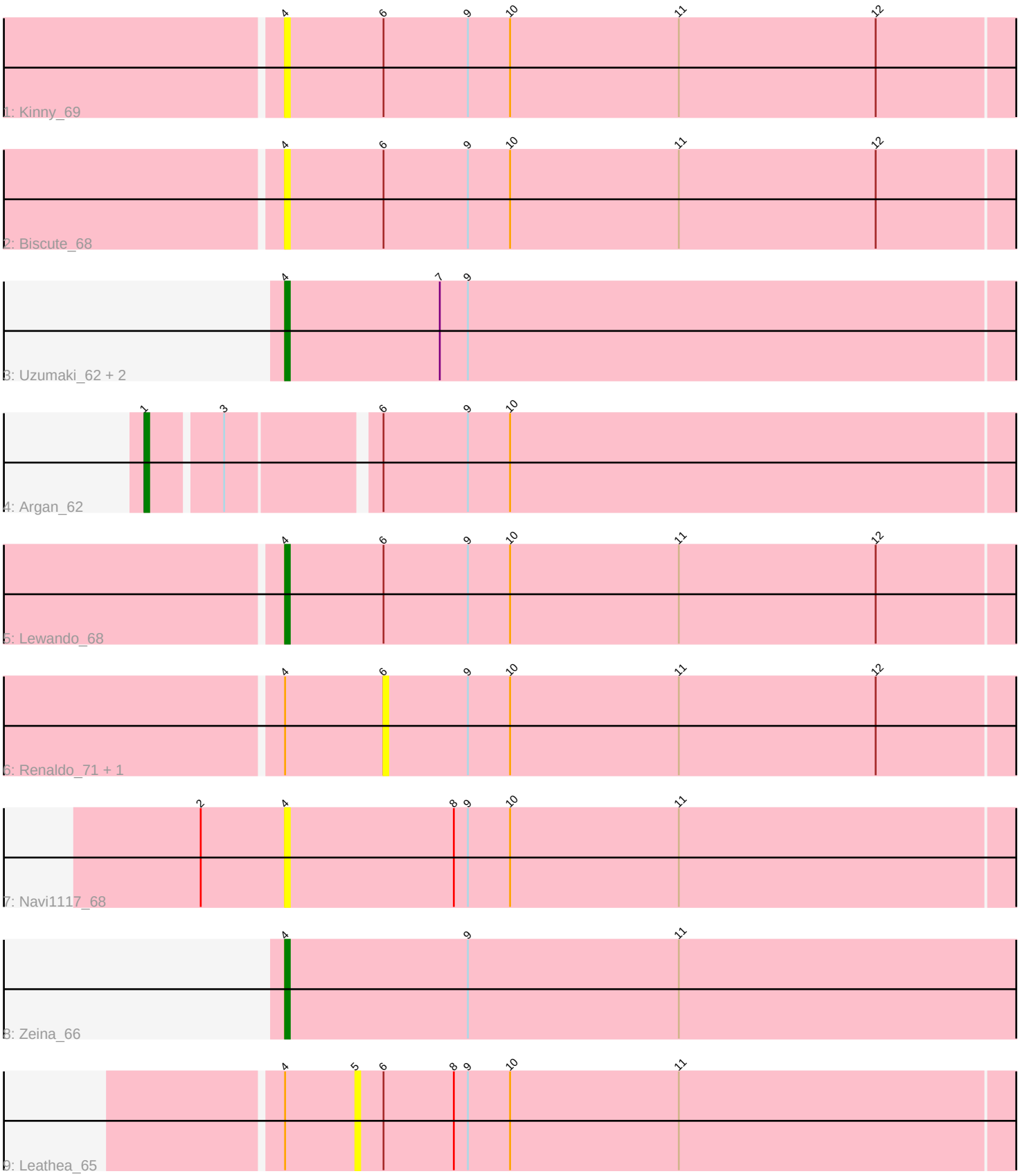
Pham 198593


4
6
9
10
11
12
1: Kinny_69
4
6
9
10
11
12
2: Biscute_68
4
7
9
3: Uzumaki_62 + 2
1
3
6
9
10
4: Argan_62
4
6
9
10
11
12
5: Lewando_68
4
6
9
10
11
12
6: Renaldo_71 + 1
2
4
8
9
10
11
7: Navi1117_68
4
9
11
8: Zeina_66
4
5
6
8
9
10
11
9: Leathea_65

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 198593 Report

This analysis was run 01/25/25 on database version 584.

Pham number 198593 has 12 members, 7 are drafts.

Phages represented in each track:
• Track 1 : Kinny_69
• Track 2 : Biscute_68
• Track 3 : Uzumaki_62, GantcherGoblin_63, Tenney120_68
• Track 4 : Argan_62
• Track 5 : Lewando_68
• Track 6 : Renaldo_71, BarbieDoll_69
• Track 7 : Navi1117_68
• Track 8 : Zeina_66
• Track 9 : Leathea_65

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

The start number called the most often in the published annotations is 4, it was called in 4 of the 5 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Biscute_68, GantcherGoblin_63, Kinny_69, Lewando_68, Navi1117_68, Tenney120_68, Uzumaki_62, Zeina_66,

Genes that have the "Most Annotated" start but do not call it:
• BarbieDoll_69, Leathea_65, Renaldo_71,

Genes that do not have the "Most Annotated" start:
• Argan_62,

Summary by start number:

Start 1:
• Found in 1 of 12 (8.3%) 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: Argan_62 (AU6),

Start 4:

• Found in 11 of 12 (91.7%) of genes in pham
• Manual Annotations of this start: 4 of 5
• Called 72.7% of time when present
• Phage (with cluster) where this start called: Biscute_68 (AU6), GantcherGoblin_63 (AU6), Kinny_69 (AU6), Lewando_68 (AU6), Navi1117_68 (AU6), Tenney120_68 (AU6), Uzumaki_62 (AU6), Zeina_66 (AU6),

Start 5:
• Found in 1 of 12 (8.3%) of genes in pham
• No Manual Annotations of this start.
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Leathea_65 (AU6),

Start 6:
• Found in 7 of 12 (58.3%) of genes in pham
• No Manual Annotations of this start.
• Called 28.6% of time when present
• Phage (with cluster) where this start called: BarbieDoll_69 (AU6), Renaldo_71 (AU6),

Summary by clusters:

There is one cluster represented in this pham: AU6

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

Gene Information:

Gene: Argan_62 Start: 41908, Stop: 42093, Start Num: 1
Candidate Starts for Argan_62:
(Start: 1 @41908 has 1 MA's), (3, 41923), (6, 41953), (9, 41971), (10, 41980),

Gene: BarbieDoll_69 Start: 43636, Stop: 43776, Start Num: 6
Candidate Starts for BarbieDoll_69:
(Start: 4 @43615 has 4 MA's), (6, 43636), (9, 43654), (10, 43663), (11, 43699), (12, 43741),

Gene: Biscute_68 Start: 43267, Stop: 43428, Start Num: 4
Candidate Starts for Biscute_68:
(Start: 4 @43267 has 4 MA's), (6, 43288), (9, 43306), (10, 43315), (11, 43351), (12, 43393),

Gene: GantcherGoblin_63 Start: 41988, Stop: 42149, Start Num: 4
Candidate Starts for GantcherGoblin_63:
(Start: 4 @41988 has 4 MA's), (7, 42021), (9, 42027),

Gene: Kinny_69 Start: 44095, Stop: 44256, Start Num: 4
Candidate Starts for Kinny_69:
(Start: 4 @44095 has 4 MA's), (6, 44116), (9, 44134), (10, 44143), (11, 44179), (12, 44221),

Gene: Leathea_65 Start: 41742, Stop: 41888, Start Num: 5

Candidate Starts for Leathea_65:
(Start: 4 @41727 has 4 MA's), (5, 41742), (6, 41748), (8, 41763), (9, 41766), (10, 41775), (11, 41811),

Gene: Lewando_68 Start: 43687, Stop: 43848, Start Num: 4
Candidate Starts for Lewando_68:
(Start: 4 @43687 has 4 MA's), (6, 43708), (9, 43726), (10, 43735), (11, 43771), (12, 43813),

Gene: Navi1117_68 Start: 42892, Stop: 43053, Start Num: 4
Candidate Starts for Navi1117_68:
(2, 42874), (Start: 4 @42892 has 4 MA's), (8, 42928), (9, 42931), (10, 42940), (11, 42976),

Gene: Renaldo_71 Start: 43932, Stop: 44072, Start Num: 6
Candidate Starts for Renaldo_71:
(Start: 4 @43911 has 4 MA's), (6, 43932), (9, 43950), (10, 43959), (11, 43995), (12, 44037),

Gene: Tenney120_68 Start: 42648, Stop: 42809, Start Num: 4
Candidate Starts for Tenney120_68:
(Start: 4 @42648 has 4 MA's), (7, 42681), (9, 42687),

Gene: Uzumaki_62 Start: 42089, Stop: 42250, Start Num: 4
Candidate Starts for Uzumaki_62:
(Start: 4 @42089 has 4 MA's), (7, 42122), (9, 42128),

Gene: Zeina_66 Start: 42671, Stop: 42874, Start Num: 4
Candidate Starts for Zeina_66:
(Start: 4 @42671 has 4 MA's), (9, 42710), (11, 42755),