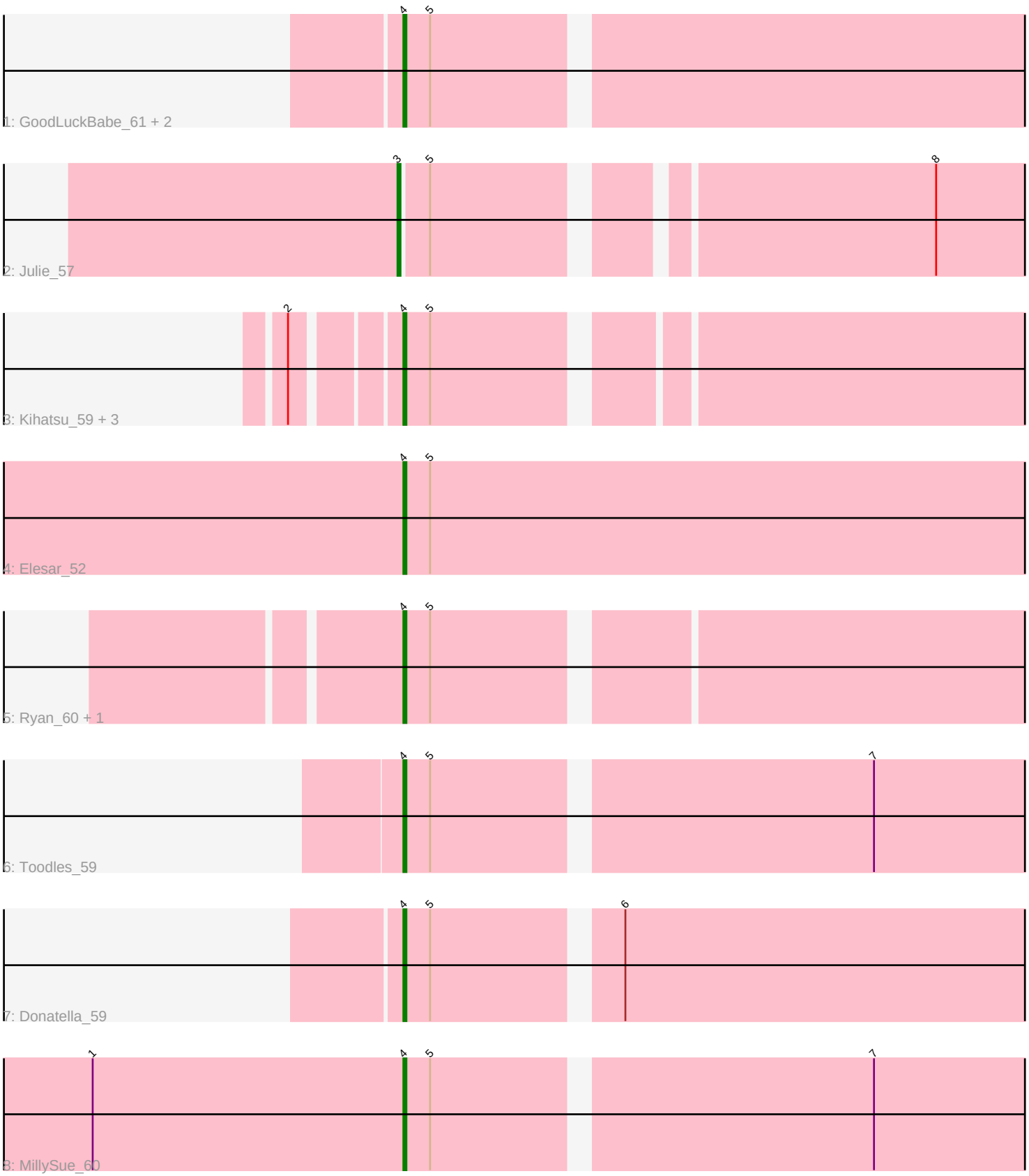
Pham 346290


4
5
1: GoodLuckBabe_61 + 2
3
5
8
2: Julie_57
2
4
5
3: Kihatsu_59 + 3
4
5
4: Elesar_52
4
5
5: Ryan_60 + 1
4
5
7
6: Toodles_59
4
5
6
7: Donatella_59
1
4
5
7
8: MillySue_60

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 346290 Report

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

Pham number 346290 has 14 members, 1 are drafts.

Phages represented in each track:
• Track 1 : GoodLuckBabe_61, Guinevere_62, Gusanita_59
• Track 2 : Julie_57
• Track 3 : Kihatsu_59, QuinnAvery_60, Ichiang_56, Nandita_59
• Track 4 : Elesar_52
• Track 5 : Ryan_60, Yonex_60
• Track 6 : Toodles_59
• Track 7 : Donatella_59
• Track 8 : MillySue_60

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 12 of the 13 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Donatella_59, Elesar_52, GoodLuckBabe_61, Guinevere_62, Gusanita_59, Ichiang_56, Kihatsu_59, MillySue_60, Nandita_59, QuinnAvery_60, Ryan_60, Toodles_59, Yonex_60,

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

Genes that do not have the "Most Annotated" start:
• Julie_57,

Summary by start number:

Start 3:
• Found in 1 of 14 (7.1%) of genes in pham
• Manual Annotations of this start: 1 of 13
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Julie_57 (FF),

Start 4:

• Found in 13 of 14 (92.9%) of genes in pham
• Manual Annotations of this start: 12 of 13
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Donatella_59 (FF), Elesar_52 (FF), GoodLuckBabe_61 (FF), Guinevere_62 (FF), Gusanita_59 (FF), Ichiang_56 (FF), Kihatsu_59 (FF), MillySue_60 (FF), Nandita_59 (FF), QuinnAvery_60 (FF), Ryan_60 (FF), Toodles_59 (FF), Yonex_60 (FF),

Summary by clusters:

There is one cluster represented in this pham: FF

Info for manual annotations of cluster FF:
•Start number 3 was manually annotated 1 time for cluster FF.
•Start number 4 was manually annotated 12 times for cluster FF.

Gene Information:

Gene: Donatella_59 Start: 37988, Stop: 38278, Start Num: 4
Candidate Starts for Donatella_59:
(Start: 4 @37988 has 12 MA's), (5, 37997), (6, 38054),

Gene: Elesar_52 Start: 37886, Stop: 38185, Start Num: 4
Candidate Starts for Elesar_52:
(Start: 4 @37886 has 12 MA's), (5, 37895),

Gene: GoodLuckBabe_61 Start: 37667, Stop: 37957, Start Num: 4
Candidate Starts for GoodLuckBabe_61:
(Start: 4 @37667 has 12 MA's), (5, 37676),

Gene: Guinevere_62 Start: 37644, Stop: 37934, Start Num: 4
Candidate Starts for Guinevere_62:
(Start: 4 @37644 has 12 MA's), (5, 37653),

Gene: Gusanita_59 Start: 38031, Stop: 38321, Start Num: 4
Candidate Starts for Gusanita_59:
(Start: 4 @38031 has 12 MA's), (5, 38040),

Gene: Ichiang_56 Start: 37186, Stop: 37473, Start Num: 4
Candidate Starts for Ichiang_56:
(2, 37156), (Start: 4 @37186 has 12 MA's), (5, 37195),

Gene: Julie_57 Start: 37609, Stop: 37893, Start Num: 3
Candidate Starts for Julie_57:
(Start: 3 @37609 has 1 MA's), (5, 37618), (8, 37771),

Gene: Kihatsu_59 Start: 38734, Stop: 39021, Start Num: 4
Candidate Starts for Kihatsu_59:
(2, 38704), (Start: 4 @38734 has 12 MA's), (5, 38743),

Gene: MillySue_60 Start: 37365, Stop: 37655, Start Num: 4

Candidate Starts for MillySue_60:
(1, 37260), (Start: 4 @37365 has 12 MA's), (5, 37374), (7, 37515),

Gene: Nandita_59 Start: 37748, Stop: 38035, Start Num: 4
Candidate Starts for Nandita_59:
(2, 37718), (Start: 4 @37748 has 12 MA's), (5, 37757),

Gene: QuinnAvery_60 Start: 38551, Stop: 38838, Start Num: 4
Candidate Starts for QuinnAvery_60:
(2, 38521), (Start: 4 @38551 has 12 MA's), (5, 38560),

Gene: Ryan_60 Start: 38316, Stop: 38606, Start Num: 4
Candidate Starts for Ryan_60:
(Start: 4 @38316 has 12 MA's), (5, 38325),

Gene: Toodles_59 Start: 38482, Stop: 38772, Start Num: 4
Candidate Starts for Toodles_59:
(Start: 4 @38482 has 12 MA's), (5, 38491), (7, 38632),

Gene: Yonex_60 Start: 38316, Stop: 38606, Start Num: 4
Candidate Starts for Yonex_60:
(Start: 4 @38316 has 12 MA's), (5, 38325),