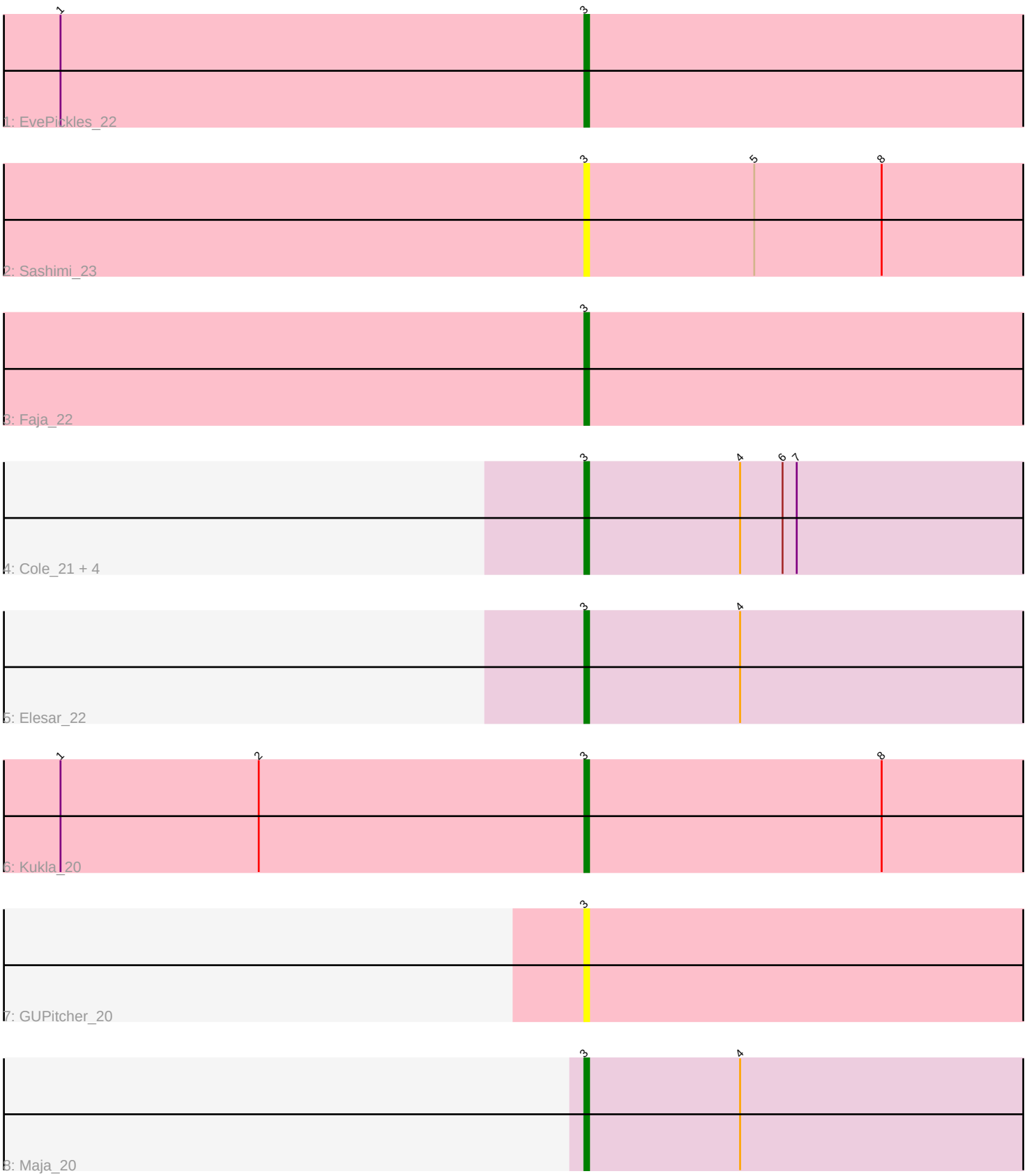
Pham 209159


1
3
1: EvePickles_22
3
5
8
2: Sashimi_23
3
3: Faja_22
3
4
6
7
4: Cole_21 + 4
3
4
5: Elesar_22
1
2
3
8
6: Kukla_20
3
7: GUPitcher_20
3
4
8: Maja_20

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 209159 Report

This analysis was run 02/22/25 on database version 588.

Pham number 209159 has 12 members, 5 are drafts.

Phages represented in each track:
• Track 1 : EvePickles_22
• Track 2 : Sashimi_23
• Track 3 : Faja_22
• Track 4 : Cole_21, Donatella_22, Ichiang_21, Halloweekend_21, QuinnAvery_23
• Track 5 : Elesar_22
• Track 6 : Kukla_20
• Track 7 : GUPitcher_20
• Track 8 : Maja_20

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

The start number called the most often in the published annotations is 3, it was called in 7 of the 7 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Cole_21, Donatella_22, Elesar_22, EvePickles_22, Faja_22, GUPitcher_20, Halloweekend_21, Ichiang_21, Kukla_20, Maja_20, QuinnAvery_23, Sashimi_23,

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

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

Summary by start number:

Start 3:
• Found in 12 of 12 (100.0%) of genes in pham
• Manual Annotations of this start: 7 of 7
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Cole_21 (FF), Donatella_22 (FF), Elesar_22 (FF), EvePickles_22 (AY), Faja_22 (AY), GUPitcher_20 (FJ), Halloweekend_21 (FF), Ichiang_21 (FF), Kukla_20 (FJ), Maja_20 (FO), QuinnAvery_23 (FF), Sashimi_23 (AY),

Summary by clusters:

There are 4 clusters represented in this pham: AY, FJ, FF, FO,

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

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

Info for manual annotations of cluster FJ:
•Start number 3 was manually annotated 1 time for cluster FJ.

Info for manual annotations of cluster FO:
•Start number 3 was manually annotated 1 time for cluster FO.

Gene Information:

Gene: Cole_21 Start: 17484, Stop: 17699, Start Num: 3
Candidate Starts for Cole_21:
(Start: 3 @17484 has 7 MA's), (4, 17517), (6, 17526), (7, 17529),

Gene: Donatella_22 Start: 17948, Stop: 18163, Start Num: 3
Candidate Starts for Donatella_22:
(Start: 3 @17948 has 7 MA's), (4, 17981), (6, 17990), (7, 17993),

Gene: Elesar_22 Start: 17875, Stop: 18093, Start Num: 3
Candidate Starts for Elesar_22:
(Start: 3 @17875 has 7 MA's), (4, 17908),

Gene: EvePickles_22 Start: 17081, Stop: 17296, Start Num: 3
Candidate Starts for EvePickles_22:
(1, 16970), (Start: 3 @17081 has 7 MA's),

Gene: Faja_22 Start: 16977, Stop: 17192, Start Num: 3
Candidate Starts for Faja_22:
(Start: 3 @16977 has 7 MA's),

Gene: GUPitcher_20 Start: 16835, Stop: 17050, Start Num: 3
Candidate Starts for GUPitcher_20:
(Start: 3 @16835 has 7 MA's),

Gene: Halloweekend_21 Start: 17448, Stop: 17663, Start Num: 3
Candidate Starts for Halloweekend_21:
(Start: 3 @17448 has 7 MA's), (4, 17481), (6, 17490), (7, 17493),

Gene: Ichiang_21 Start: 17465, Stop: 17680, Start Num: 3
Candidate Starts for Ichiang_21:
(Start: 3 @17465 has 7 MA's), (4, 17498), (6, 17507), (7, 17510),

Gene: Kukla_20 Start: 16456, Stop: 16689, Start Num: 3
Candidate Starts for Kukla_20:
(1, 16345), (2, 16387), (Start: 3 @16456 has 7 MA's), (8, 16519),

Gene: Maja_20 Start: 16740, Stop: 16958, Start Num: 3
Candidate Starts for Maja_20:
(Start: 3 @16740 has 7 MA's), (4, 16773),

Gene: QuinnAvery_23 Start: 17822, Stop: 18037, Start Num: 3
Candidate Starts for QuinnAvery_23:
(Start: 3 @17822 has 7 MA's), (4, 17855), (6, 17864), (7, 17867),

Gene: Sashimi_23 Start: 17083, Stop: 17316, Start Num: 3
Candidate Starts for Sashimi_23:
(Start: 3 @17083 has 7 MA's), (5, 17119), (8, 17146),