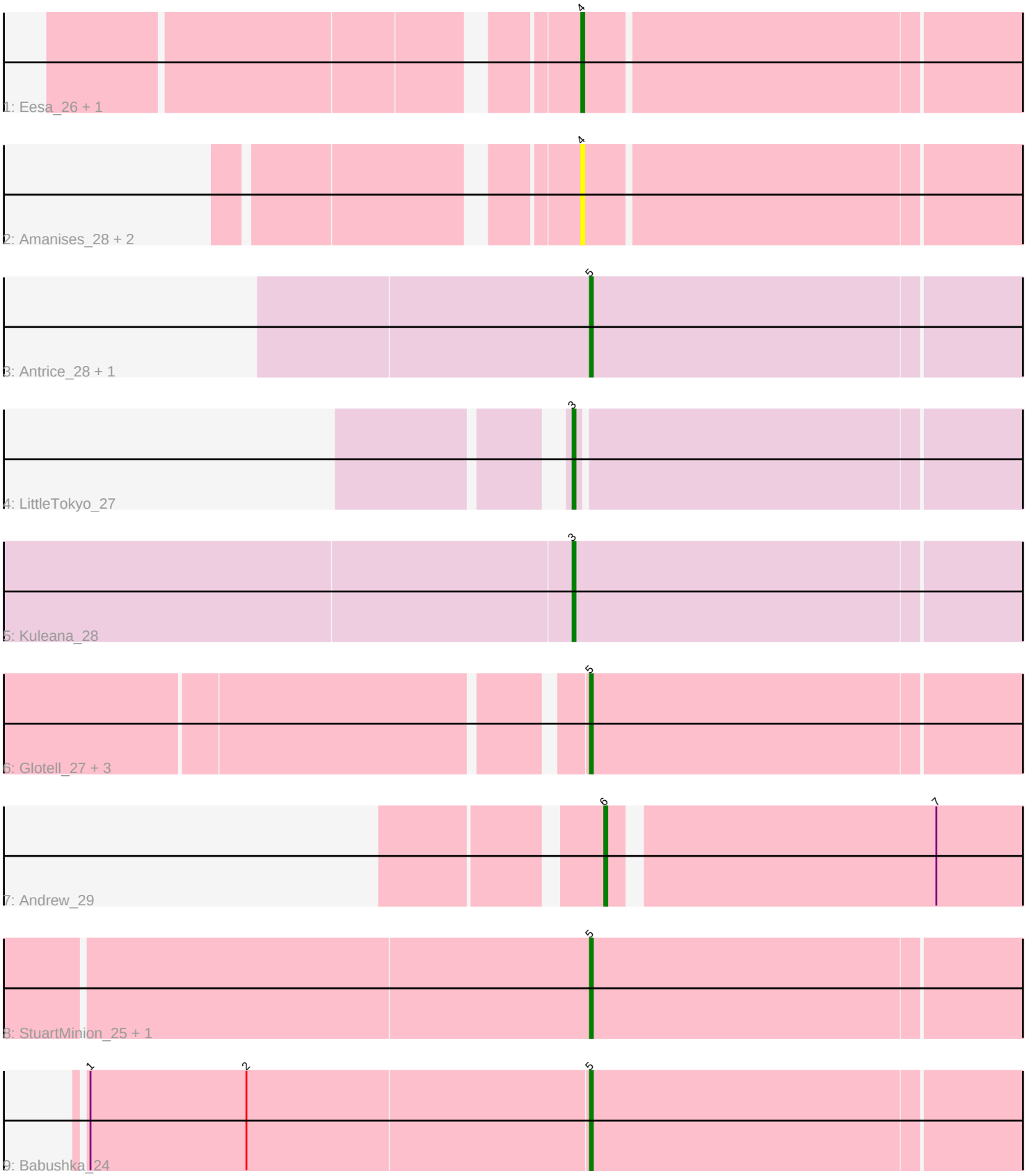
Pham 270061


4
1: Eesa_26 + 1
4
2: Amanises_28 + 2
5
3: Antrice_28 + 1
3
4: LittleTokyo_27
3
5: Kuleana_28
5
6: Glotell_27 + 3
6
7
7: Andrew_29
5
8: StuartMinion_25 + 1
1
2
5
9: Babushka_24

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 270061 Report

This analysis was run 02/07/26 on database version 634.

Pham number 270061 has 17 members, 7 are drafts.

Phages represented in each track:
• Track 1 : Eesa_26, Westrich_28
• Track 2 : Amanises_28, Shen_28, KendraB23_28
• Track 3 : Antrice_28, Cygnet_27
• Track 4 : LittleTokyo_27
• Track 5 : Kuleana_28
• Track 6 : Glotell_27, Leona_26, Azaz_25, Rattail_25
• Track 7 : Andrew_29
• Track 8 : StuartMinion_25, AlexMinion_26
• Track 9 : Babushka_24

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 6 of the 10 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• AlexMinion_26, Antrice_28, Azaz_25, Babushka_24, Cygnet_27, Glotell_27, Leona_26, Rattail_25, StuartMinion_25,

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

Genes that do not have the "Most Annotated" start:
• Amanises_28, Andrew_29, Eesa_26, KendraB23_28, Kuleana_28, LittleTokyo_27, Shen_28, Westrich_28,

Summary by start number:

Start 3:
• Found in 2 of 17 (11.8%) of genes in pham
• Manual Annotations of this start: 2 of 10
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Kuleana_28 (AS2), LittleTokyo_27 (AS2),

Start 4:
• Found in 5 of 17 (29.4%) of genes in pham
• Manual Annotations of this start: 1 of 10
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Amanises_28 (AS1), Eesa_26 (AS1), KendraB23_28 (AS1), Shen_28 (AS1), Westrich_28 (AS1),

Start 5:
• Found in 9 of 17 (52.9%) of genes in pham
• Manual Annotations of this start: 6 of 10
• Called 100.0% of time when present
• Phage (with cluster) where this start called: AlexMinion_26 (AS3), Antrice_28 (AS2), Azaz_25 (AS3), Babushka_24 (AS3), Cygnet_27 (AS2), Glotell_27 (AS3), Leona_26 (AS3), Rattail_25 (AS3), StuartMinion_25 (AS3),

Start 6:
• Found in 1 of 17 (5.9%) of genes in pham
• Manual Annotations of this start: 1 of 10
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Andrew_29 (AS3),

Summary by clusters:

There are 3 clusters represented in this pham: AS3, AS2, AS1,

Info for manual annotations of cluster AS1:
•Start number 4 was manually annotated 1 time for cluster AS1.

Info for manual annotations of cluster AS2:
•Start number 3 was manually annotated 2 times for cluster AS2.
•Start number 5 was manually annotated 2 times for cluster AS2.

Info for manual annotations of cluster AS3:
•Start number 5 was manually annotated 4 times for cluster AS3.
•Start number 6 was manually annotated 1 time for cluster AS3.

Gene Information:

Gene: AlexMinion_26 Start: 18503, Stop: 18291, Start Num: 5
Candidate Starts for AlexMinion_26:
(Start: 5 @18503 has 6 MA's),

Gene: Amanises_28 Start: 20370, Stop: 20161, Start Num: 4
Candidate Starts for Amanises_28:
(Start: 4 @20370 has 1 MA's),

Gene: Andrew_29 Start: 19367, Stop: 19158, Start Num: 6
Candidate Starts for Andrew_29:
(Start: 6 @19367 has 1 MA's), (7, 19259),

Gene: Antrice_28 Start: 19740, Stop: 19531, Start Num: 5
Candidate Starts for Antrice_28:
(Start: 5 @19740 has 6 MA's),

Gene: Azaz_25 Start: 18864, Stop: 18652, Start Num: 5
Candidate Starts for Azaz_25:
(Start: 5 @18864 has 6 MA's),

Gene: Babushka_24 Start: 18564, Stop: 18352, Start Num: 5
Candidate Starts for Babushka_24:
(1, 18735), (2, 18681), (Start: 5 @18564 has 6 MA's),

Gene: Cygnet_27 Start: 19729, Stop: 19520, Start Num: 5
Candidate Starts for Cygnet_27:
(Start: 5 @19729 has 6 MA's),

Gene: Eesa_26 Start: 20461, Stop: 20252, Start Num: 4
Candidate Starts for Eesa_26:
(Start: 4 @20461 has 1 MA's),

Gene: Glotell_27 Start: 18940, Stop: 18728, Start Num: 5
Candidate Starts for Glotell_27:
(Start: 5 @18940 has 6 MA's),

Gene: KendraB23_28 Start: 20370, Stop: 20161, Start Num: 4
Candidate Starts for KendraB23_28:
(Start: 4 @20370 has 1 MA's),

Gene: Kuleana_28 Start: 19280, Stop: 19062, Start Num: 3
Candidate Starts for Kuleana_28:
(Start: 3 @19280 has 2 MA's),

Gene: Leona_26 Start: 18864, Stop: 18652, Start Num: 5
Candidate Starts for Leona_26:
(Start: 5 @18864 has 6 MA's),

Gene: LittleTokyo_27 Start: 19315, Stop: 19100, Start Num: 3
Candidate Starts for LittleTokyo_27:
(Start: 3 @19315 has 2 MA's),

Gene: Rattail_25 Start: 18864, Stop: 18652, Start Num: 5
Candidate Starts for Rattail_25:
(Start: 5 @18864 has 6 MA's),

Gene: Shen_28 Start: 20369, Stop: 20160, Start Num: 4
Candidate Starts for Shen_28:
(Start: 4 @20369 has 1 MA's),

Gene: StuartMinion_25 Start: 18503, Stop: 18291, Start Num: 5
Candidate Starts for StuartMinion_25:
(Start: 5 @18503 has 6 MA's),

Gene: Westrich_28 Start: 20357, Stop: 20148, Start Num: 4

Candidate Starts for Westrich_28:
(Start: 4 @20357 has 1 MA's),