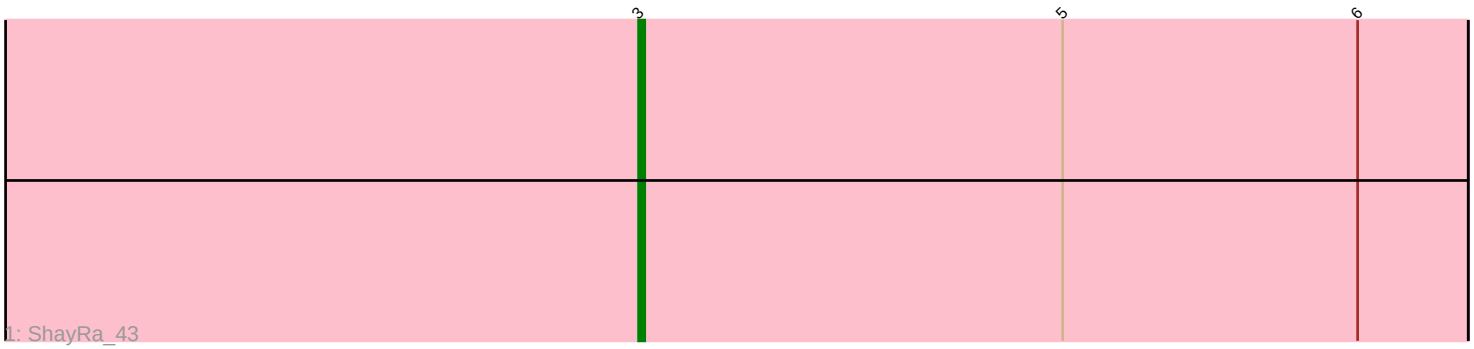
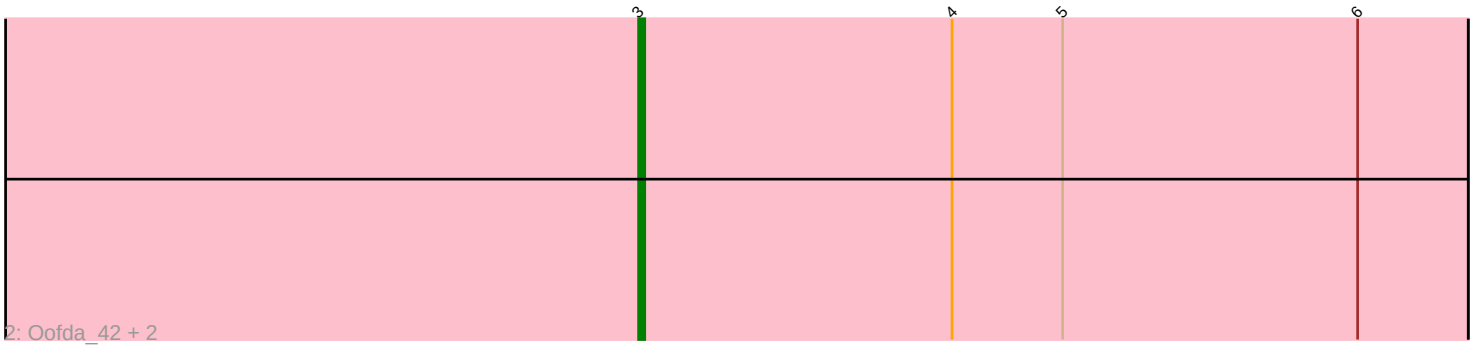
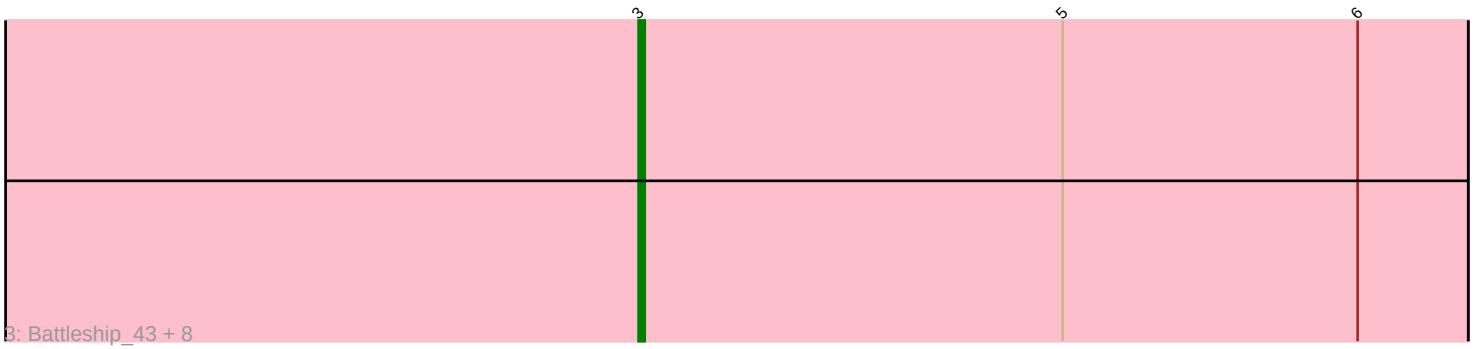
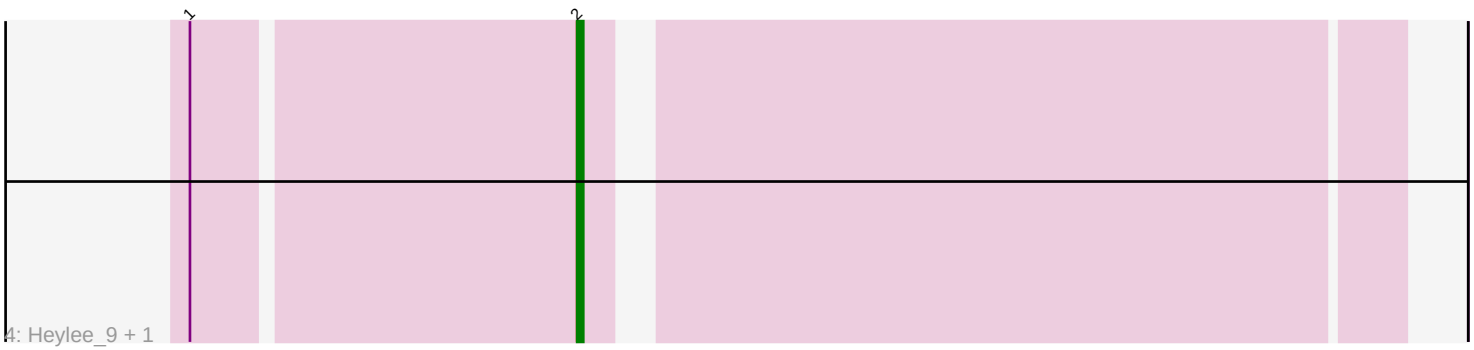
Pham 348129


3
5
6
1: ShayRa_43


3
4
5
6
2: Oofda_42 + 2


3
5
6
3: Battleship_43 + 8


1
2
4: Heylee_9 + 1

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 348129 Report

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

Pham number 348129 has 15 members, 0 are drafts.

Phages represented in each track:
• Track 1 : ShayRa_43
• Track 2 : Oofda_42, Warrior24_43, Waits_42
• Track 3 : Battleship_43, DekHockey33_42, Anaysia_42, Strosahl_43, MinecraftSteve_43, KatherineG_43, Soups_42, Remus_43, Boohoo_42
• Track 4 : Heylee_9, Amavida_9

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 13 of the 15 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Anaysia_42, Battleship_43, Boohoo_42, DekHockey33_42, KatherineG_43, MinecraftSteve_43, Oofda_42, Remus_43, ShayRa_43, Soups_42, Strosahl_43, Waits_42, Warrior24_43,

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

Genes that do not have the "Most Annotated" start:
• Amavida_9, Heylee_9,

Summary by start number:

Start 2:
• Found in 2 of 15 (13.3%) of genes in pham
• Manual Annotations of this start: 2 of 15
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Amavida_9 (AQ), Heylee_9 (AQ),

Start 3:
• Found in 13 of 15 (86.7%) of genes in pham
• Manual Annotations of this start: 13 of 15
• Called 100.0% of time when present

• Phage (with cluster) where this start called: Anaysia_42 (A15), Battleship_43 (A15), Boohoo_42 (A15), DekHockey33_42 (A15), KatherineG_43 (A15), MinecraftSteve_43 (A15), Oofda_42 (A15), Remus_43 (A15), ShayRa_43 (A15), Soups_42 (A15), Strosahl_43 (A15), Waits_42 (A15), Warrior24_43 (A15),

Summary by clusters:

There are 2 clusters represented in this pham: A15, AQ,

Info for manual annotations of cluster A15:
•Start number 3 was manually annotated 13 times for cluster A15.

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

Gene Information:

Gene: Amavida_9 Start: 2360, Stop: 2235, Start Num: 2
Candidate Starts for Amavida_9:
(1, 2420), (Start: 2 @2360 has 2 MA's),

Gene: Anaysia_42 Start: 27013, Stop: 26879, Start Num: 3
Candidate Starts for Anaysia_42:
(Start: 3 @27013 has 13 MA's), (5, 26944), (6, 26896),

Gene: Battleship_43 Start: 26982, Stop: 26848, Start Num: 3
Candidate Starts for Battleship_43:
(Start: 3 @26982 has 13 MA's), (5, 26913), (6, 26865),

Gene: Boohoo_42 Start: 27013, Stop: 26879, Start Num: 3
Candidate Starts for Boohoo_42:
(Start: 3 @27013 has 13 MA's), (5, 26944), (6, 26896),

Gene: DekHockey33_42 Start: 27228, Stop: 27094, Start Num: 3
Candidate Starts for DekHockey33_42:
(Start: 3 @27228 has 13 MA's), (5, 27159), (6, 27111),

Gene: Heylee_9 Start: 2360, Stop: 2235, Start Num: 2
Candidate Starts for Heylee_9:
(1, 2420), (Start: 2 @2360 has 2 MA's),

Gene: KatherineG_43 Start: 27228, Stop: 27094, Start Num: 3
Candidate Starts for KatherineG_43:
(Start: 3 @27228 has 13 MA's), (5, 27159), (6, 27111),

Gene: MinecraftSteve_43 Start: 26989, Stop: 26855, Start Num: 3
Candidate Starts for MinecraftSteve_43:
(Start: 3 @26989 has 13 MA's), (5, 26920), (6, 26872),

Gene: Oofda_42 Start: 26884, Stop: 26750, Start Num: 3
Candidate Starts for Oofda_42:

(Start: 3 @26884 has 13 MA's), (4, 26833), (5, 26815), (6, 26767),

Gene: Remus_43 Start: 27148, Stop: 27014, Start Num: 3
Candidate Starts for Remus_43:
(Start: 3 @27148 has 13 MA's), (5, 27079), (6, 27031),

Gene: ShayRa_43 Start: 26990, Stop: 26856, Start Num: 3
Candidate Starts for ShayRa_43:
(Start: 3 @26990 has 13 MA's), (5, 26921), (6, 26873),

Gene: Soups_42 Start: 26989, Stop: 26855, Start Num: 3
Candidate Starts for Soups_42:
(Start: 3 @26989 has 13 MA's), (5, 26920), (6, 26872),

Gene: Strosahl_43 Start: 27148, Stop: 27014, Start Num: 3
Candidate Starts for Strosahl_43:
(Start: 3 @27148 has 13 MA's), (5, 27079), (6, 27031),

Gene: Waits_42 Start: 26881, Stop: 26747, Start Num: 3
Candidate Starts for Waits_42:
(Start: 3 @26881 has 13 MA's), (4, 26830), (5, 26812), (6, 26764),

Gene: Warrior24_43 Start: 27068, Stop: 26934, Start Num: 3
Candidate Starts for Warrior24_43:
(Start: 3 @27068 has 13 MA's), (4, 27017), (5, 26999), (6, 26951),