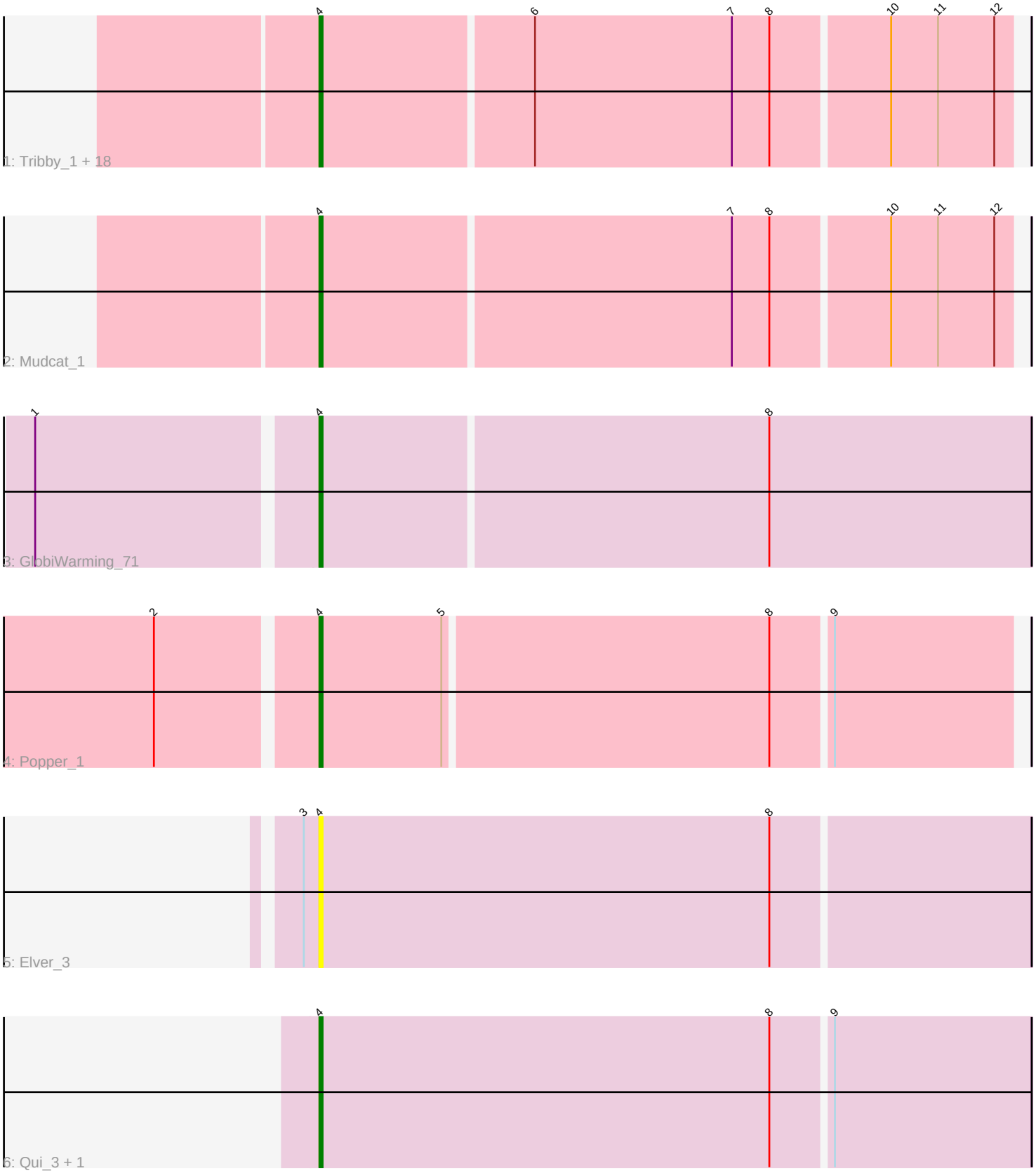
Pham 86526


4
6
7
8
10
11
12
1: Tribby_1 + 18
4
7
8
10
11
12
2: Mudcat_1
1
4
8
3: GibbiWarming_71
2
4
5
8
9
4: Popper_1
3
4
8
5: Elver_3
4
8
9
6: Qui_3 + 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 86526 Report

This analysis was run 04/28/24 on database version 559.

Pham number 86526 has 25 members, 3 are drafts.

Phages represented in each track:
• Track 1 : Tribby_1, Dynamite_1, Circum_1, Mooshroom_1, KeaneyLin_1, Heisenberger_1, Kardesai_1, Benllo_1, Hankly_1, Xenomorph_1, Arcadia_1, BenitoAntonio_1, NapoleonB_1, Correa_1, Cheesy_1, Nason_1, Elsa_1, GoCrazy_1, JEGGS_1
• Track 2 : Mudcat_1
• Track 3 : GlobiWarming_71
• Track 4 : Popper_1
• Track 5 : Elver_3
• Track 6 : Qui_3, Paella_3

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 22 of the 22 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Arcadia_1, BenitoAntonio_1, Benllo_1, Cheesy_1, Circum_1, Correa_1, Dynamite_1, Elsa_1, Elver_3, GlobiWarming_71, GoCrazy_1, Hankly_1, Heisenberger_1, JEGGS_1, Kardesai_1, KeaneyLin_1, Mooshroom_1, Mudcat_1, NapoleonB_1, Nason_1, Paella_3, Popper_1, Qui_3, Tribby_1, Xenomorph_1,

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 4:
• Found in 25 of 25 (100.0%) of genes in pham
• Manual Annotations of this start: 22 of 22
• Called 100.0% of time when present

• Phage (with cluster) where this start called: Arcadia_1 (AM), BenitoAntonio_1 (AM), Benllo_1 (AM), Cheesy_1 (AM), Circum_1 (AM), Correa_1 (AM), Dynamite_1 (AM), Elsa_1 (AM), Elver_3 (FK), GlobiWarming_71 (FA), GoCrazy_1 (AM), Hankly_1 (AM), Heisenberger_1 (AM), JEGGS_1 (AM), Kardesai_1 (AM), KeaneyLin_1 (AM), Mooshroom_1 (AM), Mudcat_1 (AM), NapoleonB_1 (AM), Nason_1 (AM), Paella_3 (FK), Popper_1 (FF), Qui_3 (FK), Tribby_1 (AM), Xenomorph_1 (AM),

Summary by clusters:

There are 4 clusters represented in this pham: FA, FK, AM, FF,

Info for manual annotations of cluster AM:
•Start number 4 was manually annotated 18 times for cluster AM.

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

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

Info for manual annotations of cluster FK:
•Start number 4 was manually annotated 2 times for cluster FK.

Gene Information:

Gene: Arcadia_1 Start: 70, Stop: 285, Start Num: 4
Candidate Starts for Arcadia_1:
(Start: 4 @70 has 22 MA's), (6, 136), (7, 199), (8, 211), (10, 247), (11, 262), (12, 280),

Gene: BenitoAntonio_1 Start: 70, Stop: 285, Start Num: 4
Candidate Starts for BenitoAntonio_1:
(Start: 4 @70 has 22 MA's), (6, 136), (7, 199), (8, 211), (10, 247), (11, 262), (12, 280),

Gene: Benllo_1 Start: 70, Stop: 285, Start Num: 4
Candidate Starts for Benllo_1:
(Start: 4 @70 has 22 MA's), (6, 136), (7, 199), (8, 211), (10, 247), (11, 262), (12, 280),

Gene: Cheesy_1 Start: 70, Stop: 285, Start Num: 4
Candidate Starts for Cheesy_1:
(Start: 4 @70 has 22 MA's), (6, 136), (7, 199), (8, 211), (10, 247), (11, 262), (12, 280),

Gene: Circum_1 Start: 70, Stop: 285, Start Num: 4
Candidate Starts for Circum_1:
(Start: 4 @70 has 22 MA's), (6, 136), (7, 199), (8, 211), (10, 247), (11, 262), (12, 280),

Gene: Correa_1 Start: 70, Stop: 285, Start Num: 4
Candidate Starts for Correa_1:
(Start: 4 @70 has 22 MA's), (6, 136), (7, 199), (8, 211), (10, 247), (11, 262), (12, 280),

Gene: Dynamite_1 Start: 70, Stop: 285, Start Num: 4
Candidate Starts for Dynamite_1:

(Start: 4 @70 has 22 MA's), (6, 136), (7, 199), (8, 211), (10, 247), (11, 262), (12, 280),

Gene: Elsa_1 Start: 70, Stop: 285, Start Num: 4
Candidate Starts for Elsa_1:
(Start: 4 @70 has 22 MA's), (6, 136), (7, 199), (8, 211), (10, 247), (11, 262), (12, 280),

Gene: Elver_3 Start: 1118, Stop: 1342, Start Num: 4
Candidate Starts for Elver_3:
(3, 1115), (Start: 4 @1118 has 22 MA's), (8, 1262),

Gene: GlobiWarming_71 Start: 41813, Stop: 42037, Start Num: 4
Candidate Starts for GlobiWarming_71:
(1, 41729), (Start: 4 @41813 has 22 MA's), (8, 41954),

Gene: GoCrazy_1 Start: 70, Stop: 285, Start Num: 4
Candidate Starts for GoCrazy_1:
(Start: 4 @70 has 22 MA's), (6, 136), (7, 199), (8, 211), (10, 247), (11, 262), (12, 280),

Gene: Hankly_1 Start: 70, Stop: 285, Start Num: 4
Candidate Starts for Hankly_1:
(Start: 4 @70 has 22 MA's), (6, 136), (7, 199), (8, 211), (10, 247), (11, 262), (12, 280),

Gene: Heisenberger_1 Start: 70, Stop: 285, Start Num: 4
Candidate Starts for Heisenberger_1:
(Start: 4 @70 has 22 MA's), (6, 136), (7, 199), (8, 211), (10, 247), (11, 262), (12, 280),

Gene: JEGGS_1 Start: 72, Stop: 287, Start Num: 4
Candidate Starts for JEGGS_1:
(Start: 4 @72 has 22 MA's), (6, 138), (7, 201), (8, 213), (10, 249), (11, 264), (12, 282),

Gene: Kardesai_1 Start: 70, Stop: 285, Start Num: 4
Candidate Starts for Kardesai_1:
(Start: 4 @70 has 22 MA's), (6, 136), (7, 199), (8, 211), (10, 247), (11, 262), (12, 280),

Gene: KeaneyLin_1 Start: 70, Stop: 285, Start Num: 4
Candidate Starts for KeaneyLin_1:
(Start: 4 @70 has 22 MA's), (6, 136), (7, 199), (8, 211), (10, 247), (11, 262), (12, 280),

Gene: Mooshroom_1 Start: 70, Stop: 285, Start Num: 4
Candidate Starts for Mooshroom_1:
(Start: 4 @70 has 22 MA's), (6, 136), (7, 199), (8, 211), (10, 247), (11, 262), (12, 280),

Gene: Mudcat_1 Start: 70, Stop: 285, Start Num: 4
Candidate Starts for Mudcat_1:
(Start: 4 @70 has 22 MA's), (7, 199), (8, 211), (10, 247), (11, 262), (12, 280),

Gene: NapoleonB_1 Start: 70, Stop: 285, Start Num: 4
Candidate Starts for NapoleonB_1:
(Start: 4 @70 has 22 MA's), (6, 136), (7, 199), (8, 211), (10, 247), (11, 262), (12, 280),

Gene: Nason_1 Start: 70, Stop: 285, Start Num: 4
Candidate Starts for Nason_1:
(Start: 4 @70 has 22 MA's), (6, 136), (7, 199), (8, 211), (10, 247), (11, 262), (12, 280),

Gene: Paella_3 Start: 1117, Stop: 1341, Start Num: 4
Candidate Starts for Paella_3:
(Start: 4 @1117 has 22 MA's), (8, 1261), (9, 1279),

Gene: Popper_1 Start: 99, Stop: 314, Start Num: 4
Candidate Starts for Popper_1:
(2, 51), (Start: 4 @99 has 22 MA's), (5, 138), (8, 240), (9, 258),

Gene: Qui_3 Start: 1117, Stop: 1341, Start Num: 4
Candidate Starts for Qui_3:
(Start: 4 @1117 has 22 MA's), (8, 1261), (9, 1279),

Gene: Tribby_1 Start: 70, Stop: 285, Start Num: 4
Candidate Starts for Tribby_1:
(Start: 4 @70 has 22 MA's), (6, 136), (7, 199), (8, 211), (10, 247), (11, 262), (12, 280),

Gene: Xenomorph_1 Start: 70, Stop: 285, Start Num: 4
Candidate Starts for Xenomorph_1:
(Start: 4 @70 has 22 MA's), (6, 136), (7, 199), (8, 211), (10, 247), (11, 262), (12, 280),