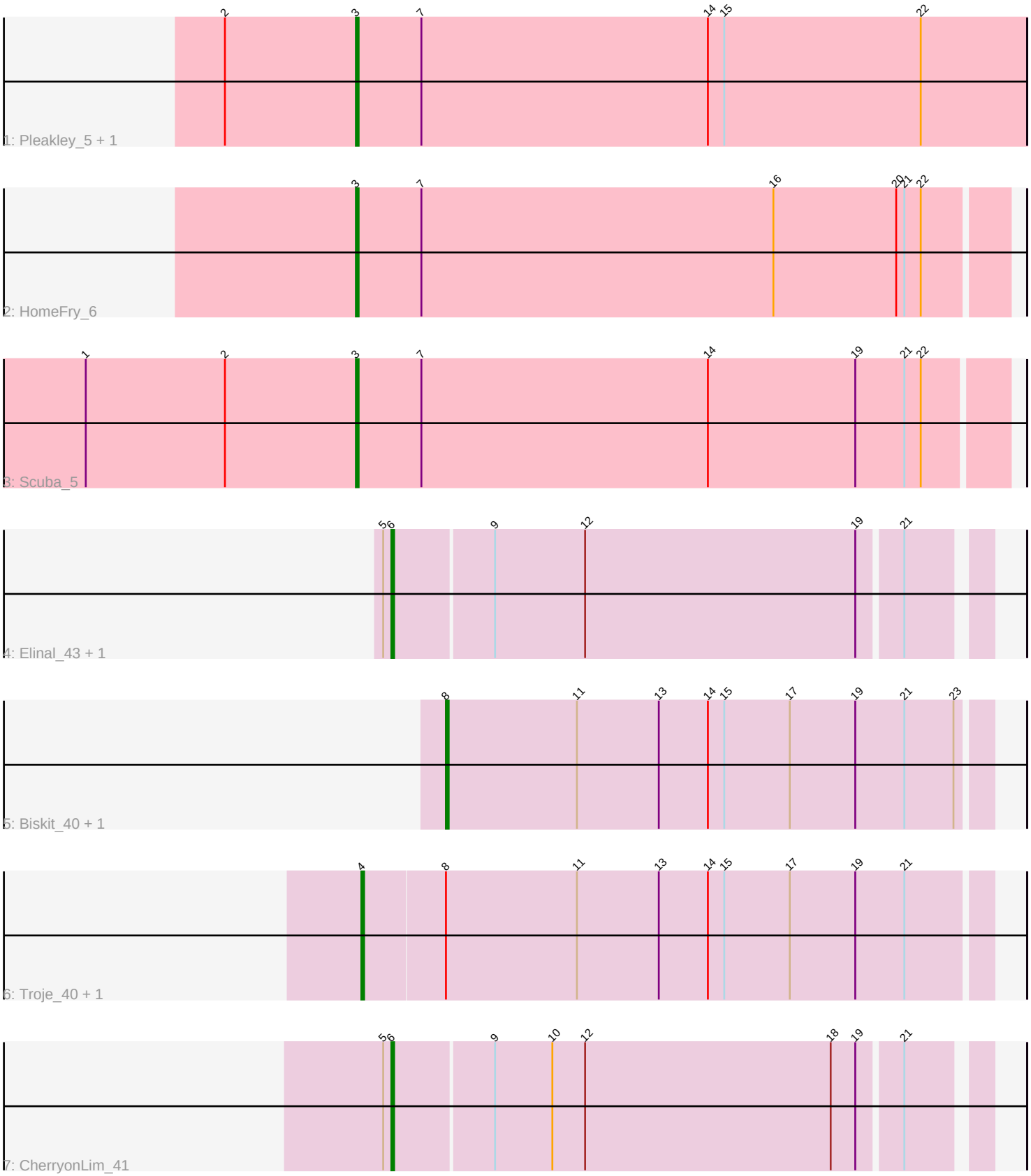
Pham 348224


2
3
7
14
15
22
1: Pleakley_5 + 1
3
7
16
20
21
22
2: HomeFry_6
1
2
3
7
14
19
21
22
3: Scuba_5
5
6
9
12
19
21
4: Elinal_43 + 1
8
11
13
14
15
17
19
21
23
5: Biskit_40 + 1
4
8
11
13
14
15
17
19
21
6: Troje_40 + 1
5
6
9
10
12
18
19
21
7: CherryonLim_41

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 348224 Report

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

Pham number 348224 has 11 members, 0 are drafts.

Phages represented in each track:
• Track 1 : Pleakley_5, Fury_5
• Track 2 : HomeFry_6
• Track 3 : Scuba_5
• Track 4 : Elinal_43, KayGee_41
• Track 5 : Biskit_40, SketchMex_38
• Track 6 : Troje_40, Blondies_41
• Track 7 : CherryonLim_41

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 4 of the 11 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Fury_5, HomeFry_6, Pleakley_5, Scuba_5,

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

Genes that do not have the "Most Annotated" start:
• Biskit_40, Blondies_41, CherryonLim_41, Elinal_43, KayGee_41, SketchMex_38, Troje_40,

Summary by start number:

Start 3:
• Found in 4 of 11 (36.4%) of genes in pham
• Manual Annotations of this start: 4 of 11
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Fury_5 (CR5), HomeFry_6 (CR5), Pleakley_5 (CR5), Scuba_5 (CR5),

Start 4:
• Found in 2 of 11 (18.2%) of genes in pham

• Manual Annotations of this start: 2 of 11
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Blondies_41 (CT), Troje_40 (CT),

Start 6:
• Found in 3 of 11 (27.3%) of genes in pham
• Manual Annotations of this start: 3 of 11
• Called 100.0% of time when present
• Phage (with cluster) where this start called: CherryonLim_41 (CT), Elinal_43 (CT), KayGee_41 (CT),

Start 8:
• Found in 4 of 11 (36.4%) of genes in pham
• Manual Annotations of this start: 2 of 11
• Called 50.0% of time when present
• Phage (with cluster) where this start called: Biskit_40 (CT), SketchMex_38 (CT),

Summary by clusters:

There are 2 clusters represented in this pham: CR5, CT,

Info for manual annotations of cluster CR5:
•Start number 3 was manually annotated 4 times for cluster CR5.

Info for manual annotations of cluster CT:
•Start number 4 was manually annotated 2 times for cluster CT.
•Start number 6 was manually annotated 3 times for cluster CT.
•Start number 8 was manually annotated 2 times for cluster CT.

Gene Information:

Gene: Biskit_40 Start: 27315, Stop: 27118, Start Num: 8
Candidate Starts for Biskit_40:
(Start: 8 @27315 has 2 MA's), (11, 27267), (13, 27237), (14, 27219), (15, 27213), (17, 27189), (19, 27165), (21, 27147), (23, 27129),

Gene: Blondies_41 Start: 27663, Stop: 27436, Start Num: 4
Candidate Starts for Blondies_41:
(Start: 4 @27663 has 2 MA's), (Start: 8 @27633 has 2 MA's), (11, 27585), (13, 27555), (14, 27537), (15, 27531), (17, 27507), (19, 27483), (21, 27465),

Gene: CherryonLim_41 Start: 29932, Stop: 29723, Start Num: 6
Candidate Starts for CherryonLim_41:
(5, 29935), (Start: 6 @29932 has 3 MA's), (9, 29896), (10, 29875), (12, 29863), (18, 29773), (19, 29764), (21, 29749),

Gene: Elinal_43 Start: 29167, Stop: 28958, Start Num: 6
Candidate Starts for Elinal_43:
(5, 29170), (Start: 6 @29167 has 3 MA's), (9, 29131), (12, 29098), (19, 28999), (21, 28984),

Gene: Fury_5 Start: 2948, Stop: 3193, Start Num: 3

Candidate Starts for Fury_5:
(2, 2900), (Start: 3 @2948 has 4 MA's), (7, 2972), (14, 3077), (15, 3083), (22, 3155),

Gene: HomeFry_6 Start: 2918, Stop: 3154, Start Num: 3
Candidate Starts for HomeFry_6:
(Start: 3 @2918 has 4 MA's), (7, 2942), (16, 3071), (20, 3116), (21, 3119), (22, 3125),

Gene: KayGee_41 Start: 29167, Stop: 28958, Start Num: 6
Candidate Starts for KayGee_41:
(5, 29170), (Start: 6 @29167 has 3 MA's), (9, 29131), (12, 29098), (19, 28999), (21, 28984),

Gene: Pleakley_5 Start: 2948, Stop: 3193, Start Num: 3
Candidate Starts for Pleakley_5:
(2, 2900), (Start: 3 @2948 has 4 MA's), (7, 2972), (14, 3077), (15, 3083), (22, 3155),

Gene: Scuba_5 Start: 3028, Stop: 3264, Start Num: 3
Candidate Starts for Scuba_5:
(1, 2929), (2, 2980), (Start: 3 @3028 has 4 MA's), (7, 3052), (14, 3157), (19, 3211), (21, 3229), (22, 3235),

Gene: SketchMex_38 Start: 27315, Stop: 27118, Start Num: 8
Candidate Starts for SketchMex_38:
(Start: 8 @27315 has 2 MA's), (11, 27267), (13, 27237), (14, 27219), (15, 27213), (17, 27189), (19, 27165), (21, 27147), (23, 27129),

Gene: Troje_40 Start: 27694, Stop: 27467, Start Num: 4
Candidate Starts for Troje_40:
(Start: 4 @27694 has 2 MA's), (Start: 8 @27664 has 2 MA's), (11, 27616), (13, 27586), (14, 27568), (15, 27562), (17, 27538), (19, 27514), (21, 27496),