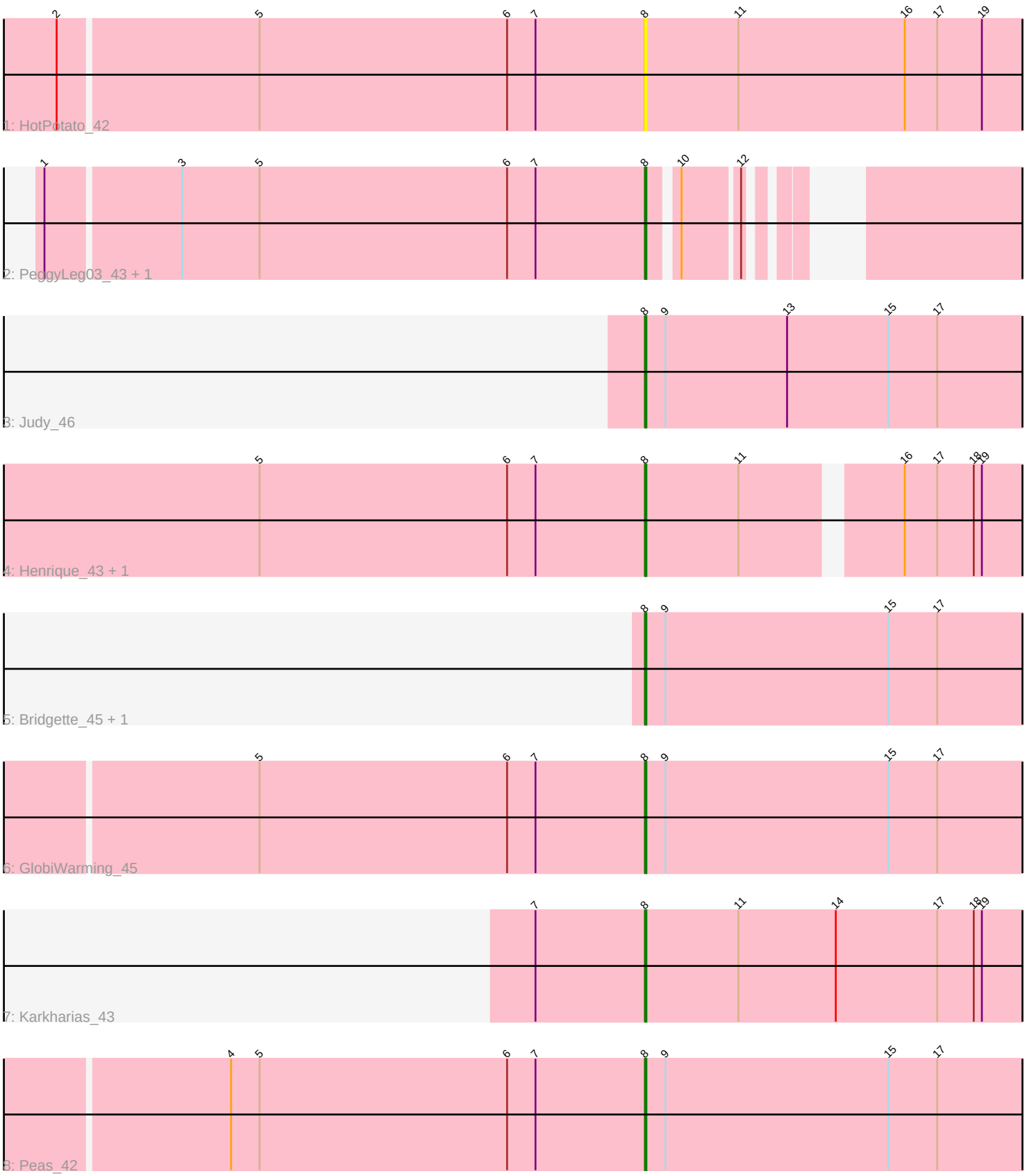
Pham 348223


2
5
6
7
8
11
16
17
19
1: HotPotato_42
1
3
5
6
7
8
10
12
2: PeggyLeg03_43 + 1
8
9
13
15
17
3: Judy_46
5
6
7
8
11
16
17
18
19
4: Henrique_43 + 1
8
9
15
17
5: Bridgette_45 + 1
5
6
7
8
9
15
17
6: GlobiWarming_45
7
8
11
14
17
18
19
7: Karkharias_43
4
5
6
7
8
9
15
17
8: Peas_42

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 348223 Report

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

Pham number 348223 has 11 members, 3 are drafts.

Phages represented in each track:
• Track 1 : HotPotato_42
• Track 2 : PeggyLeg03_43, Pucara_40
• Track 3 : Judy_46
• Track 4 : Henrique_43, NikkiHotWheels_43
• Track 5 : Bridgette_45, LilyBell_45
• Track 6 : GlobiWarming_45
• Track 7 : Karkharias_43
• Track 8 : Peas_42

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

The start number called the most often in the published annotations is 8, it was called in 8 of the 8 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Bridgette_45, GlobiWarming_45, Henrique_43, HotPotato_42, Judy_46, Karkharias_43, LilyBell_45, NikkiHotWheels_43, Peas_42, PeggyLeg03_43, Pucara_40,

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 8:
• Found in 11 of 11 (100.0%) of genes in pham
• Manual Annotations of this start: 8 of 8
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Bridgette_45 (FA), GlobiWarming_45 (FA), Henrique_43 (FA), HotPotato_42 (FA), Judy_46 (FA), Karkharias_43 (FA), LilyBell_45 (FA), NikkiHotWheels_43 (FA), Peas_42 (FA), PeggyLeg03_43 (FA),

Pucara_40 (FA),

Summary by clusters:

There is one cluster represented in this pham: FA

Info for manual annotations of cluster FA:
•Start number 8 was manually annotated 8 times for cluster FA.

Gene Information:

Gene: Bridgette_45 Start: 30142, Stop: 30540, Start Num: 8
Candidate Starts for Bridgette_45:
(Start: 8 @30142 has 8 MA's), (9, 30157), (15, 30322), (17, 30358),

Gene: GlobiWarming_45 Start: 29539, Stop: 29937, Start Num: 8
Candidate Starts for GlobiWarming_45:
(5, 29254), (6, 29437), (7, 29458), (Start: 8 @29539 has 8 MA's), (9, 29554), (15, 29719), (17, 29755),

Gene: Henrique_43 Start: 28990, Stop: 29376, Start Num: 8
Candidate Starts for Henrique_43:
(5, 28705), (6, 28888), (7, 28909), (Start: 8 @28990 has 8 MA's), (11, 29059), (16, 29164), (17, 29188), (18, 29215), (19, 29221),

Gene: HotPotato_42 Start: 29593, Stop: 29997, Start Num: 8
Candidate Starts for HotPotato_42:
(2, 29164), (5, 29308), (6, 29491), (7, 29512), (Start: 8 @29593 has 8 MA's), (11, 29662), (16, 29785), (17, 29809), (19, 29842),

Gene: Judy_46 Start: 30451, Stop: 30849, Start Num: 8
Candidate Starts for Judy_46:
(Start: 8 @30451 has 8 MA's), (9, 30466), (13, 30556), (15, 30631), (17, 30667),

Gene: Karkharias_43 Start: 29467, Stop: 29871, Start Num: 8
Candidate Starts for Karkharias_43:
(7, 29386), (Start: 8 @29467 has 8 MA's), (11, 29536), (14, 29608), (17, 29683), (18, 29710), (19, 29716),

Gene: LilyBell_45 Start: 29857, Stop: 30255, Start Num: 8
Candidate Starts for LilyBell_45:
(Start: 8 @29857 has 8 MA's), (9, 29872), (15, 30037), (17, 30073),

Gene: NikkiHotWheels_43 Start: 28983, Stop: 29387, Start Num: 8
Candidate Starts for NikkiHotWheels_43:
(5, 28698), (6, 28881), (7, 28902), (Start: 8 @28983 has 8 MA's), (11, 29052), (16, 29175), (17, 29199), (18, 29226), (19, 29232),

Gene: Peas_42 Start: 30510, Stop: 30908, Start Num: 8
Candidate Starts for Peas_42:
(4, 30204), (5, 30225), (6, 30408), (7, 30429), (Start: 8 @30510 has 8 MA's), (9, 30525), (15, 30690), (17, 30726),

Gene: PeggyLeg03_43 Start: 29705, Stop: 30025, Start Num: 8
Candidate Starts for PeggyLeg03_43:
(1, 29267), (3, 29363), (5, 29420), (6, 29603), (7, 29624), (Start: 8 @29705 has 8 MA's), (10, 29723), (12, 29762),

Gene: Pucara_40 Start: 29310, Stop: 29630, Start Num: 8
Candidate Starts for Pucara_40:
(1, 28872), (3, 28968), (5, 29025), (6, 29208), (7, 29229), (Start: 8 @29310 has 8 MA's), (10, 29328), (12, 29367),