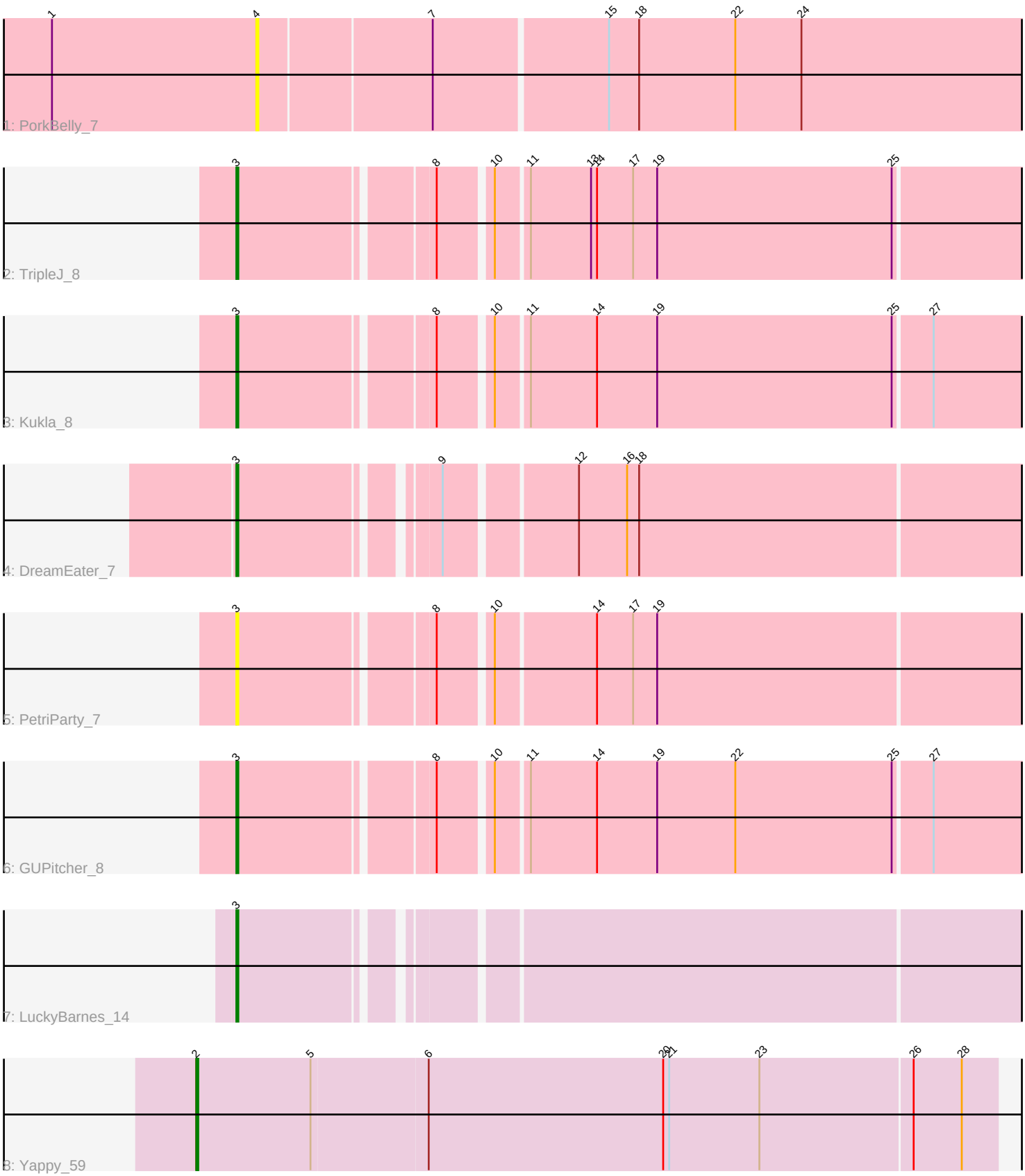
Pham 346425


1
4
7
15
18
22
24
1: PorkBelly_7
3
8
10
11
13
14
17
19
25
2: TripleJ_8
3
8
10
11
14
19
25
27
3: Kukla_8
3
9
12
16
18
4: DreamEater_7
3
8
10
14
17
19
5: PetriParty_7
3
8
10
11
14
19
22
25
27
6: GUPitcher_8
3
7: LuckyBarnes_14
2
5
6
20
21
23
26
28
8: Yappy_59

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 346425 Report

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

WARNING: Pham size does not match number of genes in report. Either unphamerated genes have been added (by you) or starterator has removed genes due to invalid start codon.

Pham number 346425 has 8 members, 2 are drafts.

Phages represented in each track:
• Track 1 : PorkBelly_7
• Track 2 : TripleJ_8
• Track 3 : Kukla_8
• Track 4 : DreamEater_7
• Track 5 : PetriParty_7
• Track 6 : GUPitcher_8
• Track 7 : LuckyBarnes_14
• Track 8 : Yappy_59

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

Genes that call this "Most Annotated" start:
• DreamEater_7, GUPitcher_8, Kukla_8, LuckyBarnes_14, PetriParty_7, TripleJ_8,

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

Genes that do not have the "Most Annotated" start:
• PorkBelly_7, Yappy_59,

Summary by start number:

Start 2:
• Found in 1 of 8 (12.5%) of genes in pham
• Manual Annotations of this start: 1 of 6
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Yappy_59 (singleton),

Start 3:
• Found in 6 of 8 (75.0%) of genes in pham
• Manual Annotations of this start: 5 of 6
• Called 100.0% of time when present
• Phage (with cluster) where this start called: DreamEater_7 (FJ), GUPitcher_8 (FJ), Kukla_8 (FJ), LuckyBarnes_14 (singleton), PetriParty_7 (FJ), TripleJ_8 (FJ),

Start 4:
• Found in 1 of 8 (12.5%) of genes in pham
• No Manual Annotations of this start.
• Called 100.0% of time when present
• Phage (with cluster) where this start called: PorkBelly_7 (FJ),

Summary by clusters:

There are 2 clusters represented in this pham: FJ, singleton,

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

Gene Information:

Gene: DreamEater_7 Start: 7103, Stop: 7480, Start Num: 3
Candidate Starts for DreamEater_7:
(Start: 3 @7103 has 5 MA's), (9, 7190), (12, 7250), (16, 7274), (18, 7280),

Gene: GUPitcher_8 Start: 6754, Stop: 7125, Start Num: 3
Candidate Starts for GUPitcher_8:
(Start: 3 @6754 has 5 MA's), (8, 6844), (10, 6868), (11, 6883), (14, 6916), (19, 6946), (22, 6985), (25, 7063), (27, 7081),

Gene: Kukla_8 Start: 6781, Stop: 7152, Start Num: 3
Candidate Starts for Kukla_8:
(Start: 3 @6781 has 5 MA's), (8, 6871), (10, 6895), (11, 6910), (14, 6943), (19, 6973), (25, 7090), (27, 7108),

Gene: LuckyBarnes_14 Start: 9588, Stop: 9953, Start Num: 3
Candidate Starts for LuckyBarnes_14:
(Start: 3 @9588 has 5 MA's),

Gene: PetriParty_7 Start: 7062, Stop: 7433, Start Num: 3
Candidate Starts for PetriParty_7:
(Start: 3 @7062 has 5 MA's), (8, 7152), (10, 7176), (14, 7224), (17, 7242), (19, 7254),

Gene: PorkBelly_7 Start: 6805, Stop: 7185, Start Num: 4
Candidate Starts for PorkBelly_7:
(1, 6703), (4, 6805), (7, 6889), (15, 6973), (18, 6988), (22, 7036), (24, 7069),

Gene: TripleJ_8 Start: 7069, Stop: 7440, Start Num: 3
Candidate Starts for TripleJ_8:

(Start: 3 @7069 has 5 MA's), (8, 7159), (10, 7183), (11, 7198), (13, 7228), (14, 7231), (17, 7249), (19, 7261), (25, 7378),

Gene: Yappy_59 Start: 20679, Stop: 21074, Start Num: 2
Candidate Starts for Yappy_59:
(Start: 2 @20679 has 1 MA's), (5, 20736), (6, 20793), (20, 20910), (21, 20913), (23, 20958), (26, 21033), (28, 21057),