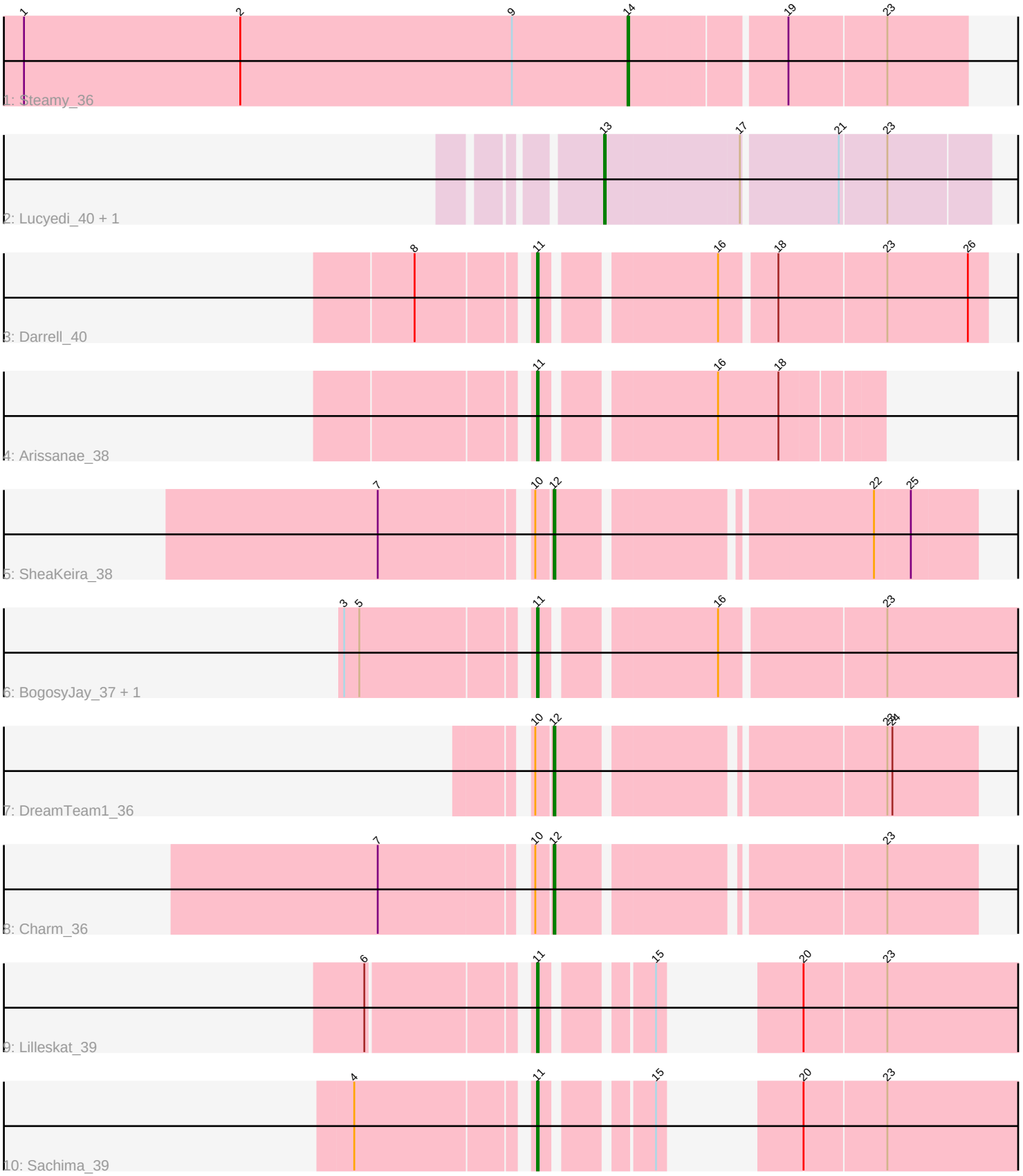
Pham 344586


1
2
9
14
19
23
1: Steamy_36
13
17
21
23
2: Lucyedi_40 + 1
8
11
16
18
23
26
3: Darrell_40
11
16
18
4: Arissanae_38
7
10
12
22
25
5: SheaKeira_38
3
5
11
16
23
6: BogosyJay_37 + 1
10
12
7: DreamTeam1_36
7
10
12
23
8: Charm_36
6
11
15
20
23
9: Lilleskat_39
4
11
15
20
23
10: Sachima_39

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 344586 Report

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

Pham number 344586 has 12 members, 0 are drafts.

Phages represented in each track:
• Track 1 : Steamy_36
• Track 2 : Lucyedi_40, PainterBoy_40
• Track 3 : Darrell_40
• Track 4 : Arissanae_38
• Track 5 : SheaKeira_38
• Track 6 : BogosyJay_37, Maminiaina_37
• Track 7 : DreamTeam1_36
• Track 8 : Charm_36
• Track 9 : Lilleskat_39
• Track 10 : Sachima_39

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

The start number called the most often in the published annotations is 11, it was called in 6 of the 12 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Arissanae_38, BogosyJay_37, Darrell_40, Lilleskat_39, Maminiaina_37, Sachima_39,

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

Genes that do not have the "Most Annotated" start:
• Charm_36, DreamTeam1_36, Lucyedi_40, PainterBoy_40, SheaKeira_38, Steamy_36,

Summary by start number:

Start 11:
• Found in 6 of 12 (50.0%) of genes in pham
• Manual Annotations of this start: 6 of 12
• Called 100.0% of time when present

• Phage (with cluster) where this start called: Arissanae_38 (A9), BogosyJay_37 (A9), Darrell_40 (A9), Lilleskat_39 (A9), Maminiaina_37 (A9), Sachima_39 (A9),

Start 12:
• Found in 3 of 12 (25.0%) of genes in pham
• Manual Annotations of this start: 3 of 12
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Charm_36 (A9), DreamTeam1_36 (A9), SheaKeira_38 (A9),

Start 13:
• Found in 2 of 12 (16.7%) of genes in pham
• Manual Annotations of this start: 2 of 12
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Lucyedi_40 (A16), PainterBoy_40 (A16),

Start 14:
• Found in 1 of 12 (8.3%) of genes in pham
• Manual Annotations of this start: 1 of 12
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Steamy_36 (A12),

Summary by clusters:

There are 3 clusters represented in this pham: A9, A16, A12,

Info for manual annotations of cluster A12:
•Start number 14 was manually annotated 1 time for cluster A12.

Info for manual annotations of cluster A16:
•Start number 13 was manually annotated 2 times for cluster A16.

Info for manual annotations of cluster A9:
•Start number 11 was manually annotated 6 times for cluster A9.
•Start number 12 was manually annotated 3 times for cluster A9.

Gene Information:

Gene: Arissanae_38 Start: 28992, Stop: 28807, Start Num: 11
Candidate Starts for Arissanae_38:
(Start: 11 @28992 has 6 MA's), (16, 28899), (18, 28863),

Gene: BogosyJay_37 Start: 28104, Stop: 27817, Start Num: 11
Candidate Starts for BogosyJay_37:
(3, 28206), (5, 28197), (Start: 11 @28104 has 6 MA's), (16, 28011), (23, 27918),

Gene: Charm_36 Start: 27678, Stop: 27448, Start Num: 12
Candidate Starts for Charm_36:
(7, 27768), (10, 27687), (Start: 12 @27678 has 3 MA's), (23, 27501),

Gene: Darrell_40 Start: 28878, Stop: 28633, Start Num: 11

Candidate Starts for Darrell_40:
(8, 28938), (Start: 11 @28878 has 6 MA's), (16, 28785), (18, 28755), (23, 28692), (26, 28644),

Gene: DreamTeam1_36 Start: 27561, Stop: 27331, Start Num: 12
Candidate Starts for DreamTeam1_36:
(10, 27570), (Start: 12 @27561 has 3 MA's), (23, 27384), (24, 27381),

Gene: Lilleskat_39 Start: 28471, Stop: 28235, Start Num: 11
Candidate Starts for Lilleskat_39:
(6, 28558), (Start: 11 @28471 has 6 MA's), (15, 28417), (20, 28384), (23, 28336),

Gene: Lucyedi_40 Start: 27955, Stop: 27737, Start Num: 13
Candidate Starts for Lucyedi_40:
(Start: 13 @27955 has 2 MA's), (17, 27877), (21, 27823), (23, 27796),

Gene: Maminiaina_37 Start: 28086, Stop: 27799, Start Num: 11
Candidate Starts for Maminiaina_37:
(3, 28188), (5, 28179), (Start: 11 @28086 has 6 MA's), (16, 27993), (23, 27900),

Gene: PainterBoy_40 Start: 27891, Stop: 27673, Start Num: 13
Candidate Starts for PainterBoy_40:
(Start: 13 @27891 has 2 MA's), (17, 27813), (21, 27759), (23, 27732),

Gene: Sachima_39 Start: 28448, Stop: 28212, Start Num: 11
Candidate Starts for Sachima_39:
(4, 28544), (Start: 11 @28448 has 6 MA's), (15, 28394), (20, 28361), (23, 28313),

Gene: SheaKeira_38 Start: 27879, Stop: 27649, Start Num: 12
Candidate Starts for SheaKeira_38:
(7, 27969), (10, 27888), (Start: 12 @27879 has 3 MA's), (22, 27708), (25, 27687),

Gene: Steamy_36 Start: 28057, Stop: 27866, Start Num: 14
Candidate Starts for Steamy_36:
(1, 28417), (2, 28288), (9, 28126), (Start: 14 @28057 has 1 MA's), (19, 27970), (23, 27913),