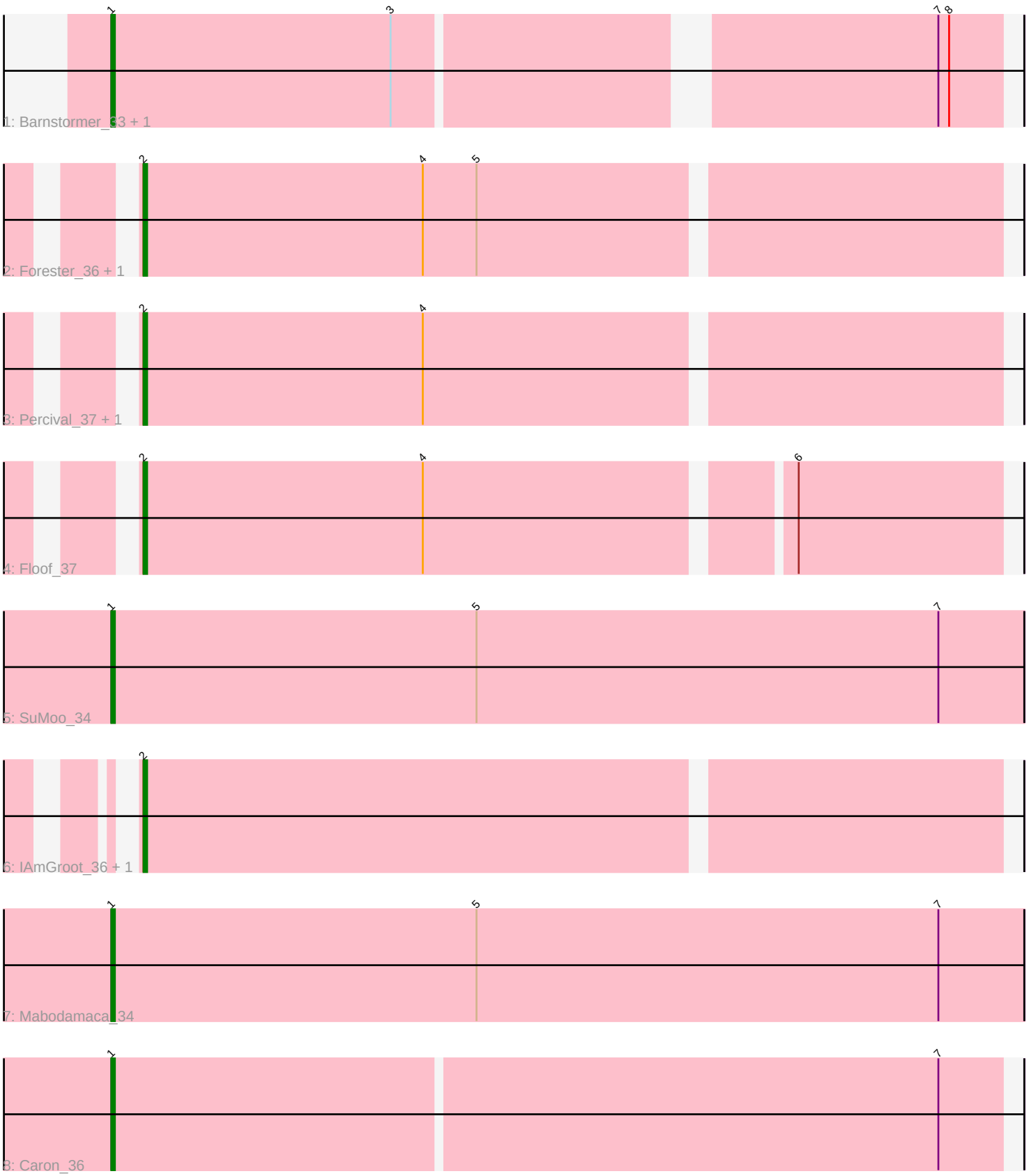
Pham 348214


1
3
7
8
1: Barnstormer_33 + 1
2
4
5
2: Forester_36 + 1
2
4
3: Percival_37 + 1
2
4
6
4: Floof_37
1
5
7
5: SuMoo_34
2
6: IAmGroot_36 + 1
1
5
7
7: Mabodamaca_34
1
7
8: Caron_36

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 348214 Report

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

Pham number 348214 has 12 members, 0 are drafts.

Phages represented in each track:
• Track 1 : Barnstormer_33, UtzChips_33
• Track 2 : Forester_36, SuperHands_36
• Track 3 : Percival_37, Gretchen_37
• Track 4 : Floof_37
• Track 5 : SuMoo_34
• Track 6 : IAmGroot_36, GardenState_36
• Track 7 : Mabodamaca_34
• Track 8 : Caron_36

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

The start number called the most often in the published annotations is 2, it was called in 7 of the 12 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Floof_37, Forester_36, GardenState_36, Gretchen_37, IAmGroot_36, Percival_37, SuperHands_36,

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

Genes that do not have the "Most Annotated" start:
• Barnstormer_33, Caron_36, Mabodamaca_34, SuMoo_34, UtzChips_33,

Summary by start number:

Start 1:
• Found in 5 of 12 (41.7%) of genes in pham
• Manual Annotations of this start: 5 of 12
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Barnstormer_33 (EH), Caron_36 (EH), Mabodamaca_34 (EH), SuMoo_34 (EH), UtzChips_33 (EH),

Start 2:

• Found in 7 of 12 (58.3%) of genes in pham
• Manual Annotations of this start: 7 of 12
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Floof_37 (EH), Forester_36 (EH), GardenState_36 (EH), Gretchen_37 (EH), IAmGroot_36 (EH), Percival_37 (EH), SuperHands_36 (EH),

Summary by clusters:

There is one cluster represented in this pham: EH

Info for manual annotations of cluster EH:
•Start number 1 was manually annotated 5 times for cluster EH.
•Start number 2 was manually annotated 7 times for cluster EH.

Gene Information:

Gene: Barnstormer_33 Start: 24015, Stop: 24248, Start Num: 1
Candidate Starts for Barnstormer_33:
(Start: 1 @24015 has 5 MA's), (3, 24093), (7, 24231), (8, 24234),

Gene: Caron_36 Start: 24488, Stop: 24733, Start Num: 1
Candidate Starts for Caron_36:
(Start: 1 @24488 has 5 MA's), (7, 24716),

Gene: Floof_37 Start: 25424, Stop: 25654, Start Num: 2
Candidate Starts for Floof_37:
(Start: 2 @25424 has 7 MA's), (4, 25502), (6, 25598),

Gene: Forester_36 Start: 26850, Stop: 27083, Start Num: 2
Candidate Starts for Forester_36:
(Start: 2 @26850 has 7 MA's), (4, 26928), (5, 26943),

Gene: GardenState_36 Start: 24939, Stop: 25172, Start Num: 2
Candidate Starts for GardenState_36:
(Start: 2 @24939 has 7 MA's),

Gene: Gretchen_37 Start: 26532, Stop: 26765, Start Num: 2
Candidate Starts for Gretchen_37:
(Start: 2 @26532 has 7 MA's), (4, 26610),

Gene: IAmGroot_36 Start: 25604, Stop: 25837, Start Num: 2
Candidate Starts for IAmGroot_36:
(Start: 2 @25604 has 7 MA's),

Gene: Mabodamaca_34 Start: 24789, Stop: 25043, Start Num: 1
Candidate Starts for Mabodamaca_34:
(Start: 1 @24789 has 5 MA's), (5, 24891), (7, 25020),

Gene: Percival_37 Start: 26366, Stop: 26599, Start Num: 2
Candidate Starts for Percival_37:

(Start: 2 @26366 has 7 MA's), (4, 26444),

Gene: SuMoo_34 Start: 23735, Stop: 23989, Start Num: 1
Candidate Starts for SuMoo_34:
(Start: 1 @23735 has 5 MA's), (5, 23837), (7, 23966),

Gene: SuperHands_36 Start: 26869, Stop: 27102, Start Num: 2
Candidate Starts for SuperHands_36:
(Start: 2 @26869 has 7 MA's), (4, 26947), (5, 26962),

Gene: UtzChips_33 Start: 24000, Stop: 24233, Start Num: 1
Candidate Starts for UtzChips_33:
(Start: 1 @24000 has 5 MA's), (3, 24078), (7, 24216), (8, 24219),