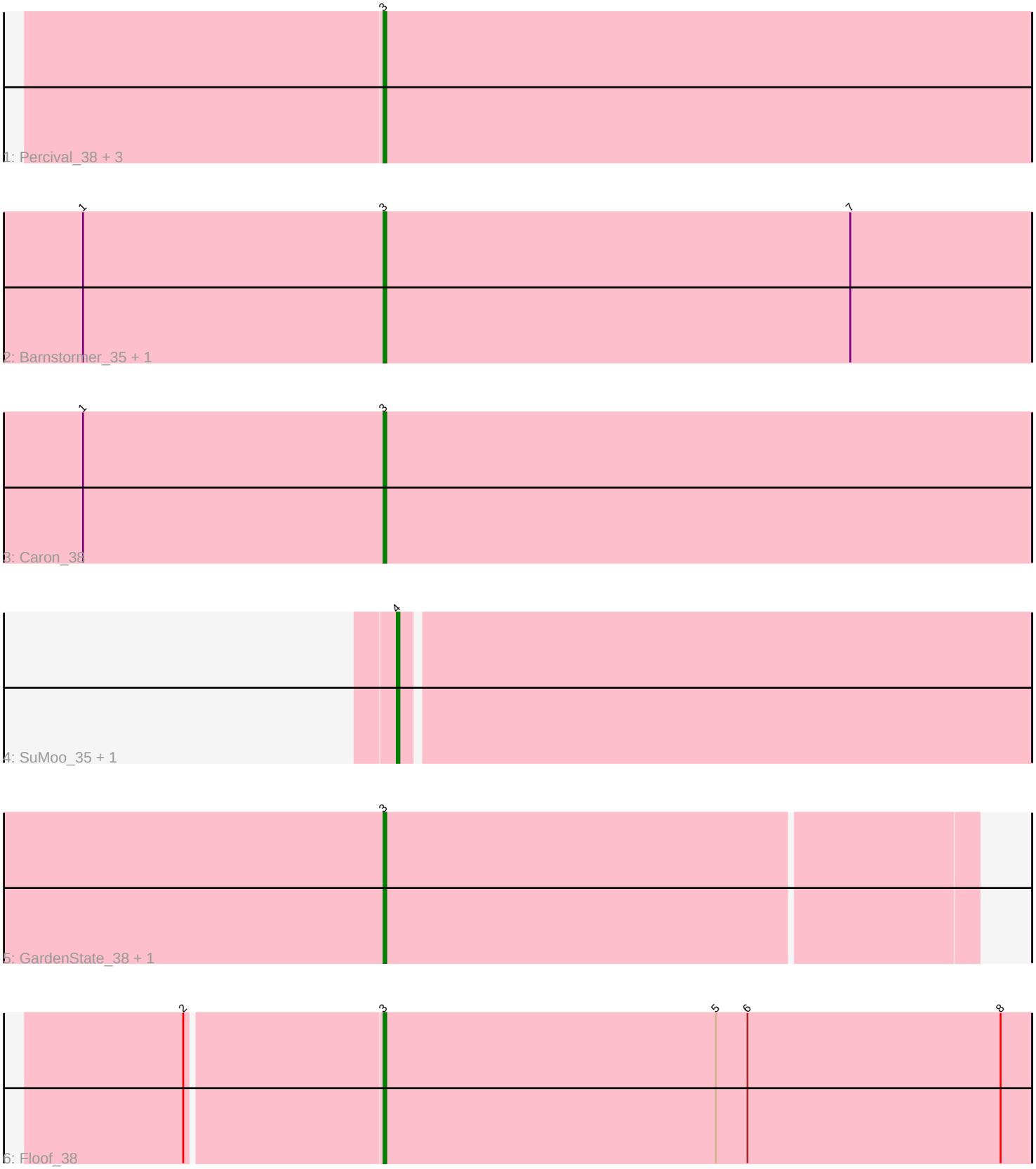
Pham 348216


3
1: Percival_38 + 3
1
3
7
2: Barnstormer_35 + 1
1
3
3: Caron_38
4
4: SuMoo_35 + 1
3
5: GardenState_38 + 1
2
3
5
6
8
6: Floof_38

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 348216 Report

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

Pham number 348216 has 12 members, 0 are drafts.

Phages represented in each track:
• Track 1 : Percival_38, Forester_37, Gretchen_38, SuperHands_37
• Track 2 : Barnstormer_35, UtzChips_35
• Track 3 : Caron_38
• Track 4 : SuMoo_35, Mabodamaca_35
• Track 5 : GardenState_38, IAmGroot_38
• Track 6 : Floof_38

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 10 of the 12 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Barnstormer_35, Caron_38, Floof_38, Forester_37, GardenState_38, Gretchen_38, IAmGroot_38, Percival_38, SuperHands_37, UtzChips_35,

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

Genes that do not have the "Most Annotated" start:
• Mabodamaca_35, SuMoo_35,

Summary by start number:

Start 3:
• Found in 10 of 12 (83.3%) of genes in pham
• Manual Annotations of this start: 10 of 12
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Barnstormer_35 (EH), Caron_38 (EH), Floof_38 (EH), Forester_37 (EH), GardenState_38 (EH), Gretchen_38 (EH), IAmGroot_38 (EH), Percival_38 (EH), SuperHands_37 (EH), UtzChips_35 (EH),

Start 4:
• 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: Mabodamaca_35 (EH), SuMoo_35 (EH),

Summary by clusters:

There is one cluster represented in this pham: EH

Info for manual annotations of cluster EH:
•Start number 3 was manually annotated 10 times for cluster EH.
•Start number 4 was manually annotated 2 times for cluster EH.

Gene Information:

Gene: Barnstormer_35 Start: 24679, Stop: 24924, Start Num: 3
Candidate Starts for Barnstormer_35:
(1, 24565), (Start: 3 @24679 has 10 MA's), (7, 24856),

Gene: Caron_38 Start: 25164, Stop: 25409, Start Num: 3
Candidate Starts for Caron_38:
(1, 25050), (Start: 3 @25164 has 10 MA's),

Gene: Floof_38 Start: 25665, Stop: 25910, Start Num: 3
Candidate Starts for Floof_38:
(2, 25593), (Start: 3 @25665 has 10 MA's), (5, 25791), (6, 25803), (8, 25899),

Gene: Forester_37 Start: 27094, Stop: 27339, Start Num: 3
Candidate Starts for Forester_37:
(Start: 3 @27094 has 10 MA's),

Gene: GardenState_38 Start: 25346, Stop: 25567, Start Num: 3
Candidate Starts for GardenState_38:
(Start: 3 @25346 has 10 MA's),

Gene: Gretchen_38 Start: 26776, Stop: 27021, Start Num: 3
Candidate Starts for Gretchen_38:
(Start: 3 @26776 has 10 MA's),

Gene: IAmGroot_38 Start: 26011, Stop: 26232, Start Num: 3
Candidate Starts for IAmGroot_38:
(Start: 3 @26011 has 10 MA's),

Gene: Mabodamaca_35 Start: 25059, Stop: 25295, Start Num: 4
Candidate Starts for Mabodamaca_35:
(Start: 4 @25059 has 2 MA's),

Gene: Percival_38 Start: 26610, Stop: 26855, Start Num: 3
Candidate Starts for Percival_38:
(Start: 3 @26610 has 10 MA's),

Gene: SuMoo_35 Start: 24005, Stop: 24241, Start Num: 4

Candidate Starts for SuMoo_35:
(Start: 4 @24005 has 2 MA's),

Gene: SuperHands_37 Start: 27113, Stop: 27358, Start Num: 3
Candidate Starts for SuperHands_37:
(Start: 3 @27113 has 10 MA's),

Gene: UtzChips_35 Start: 24664, Stop: 24909, Start Num: 3
Candidate Starts for UtzChips_35:
(1, 24550), (Start: 3 @24664 has 10 MA's), (7, 24841),