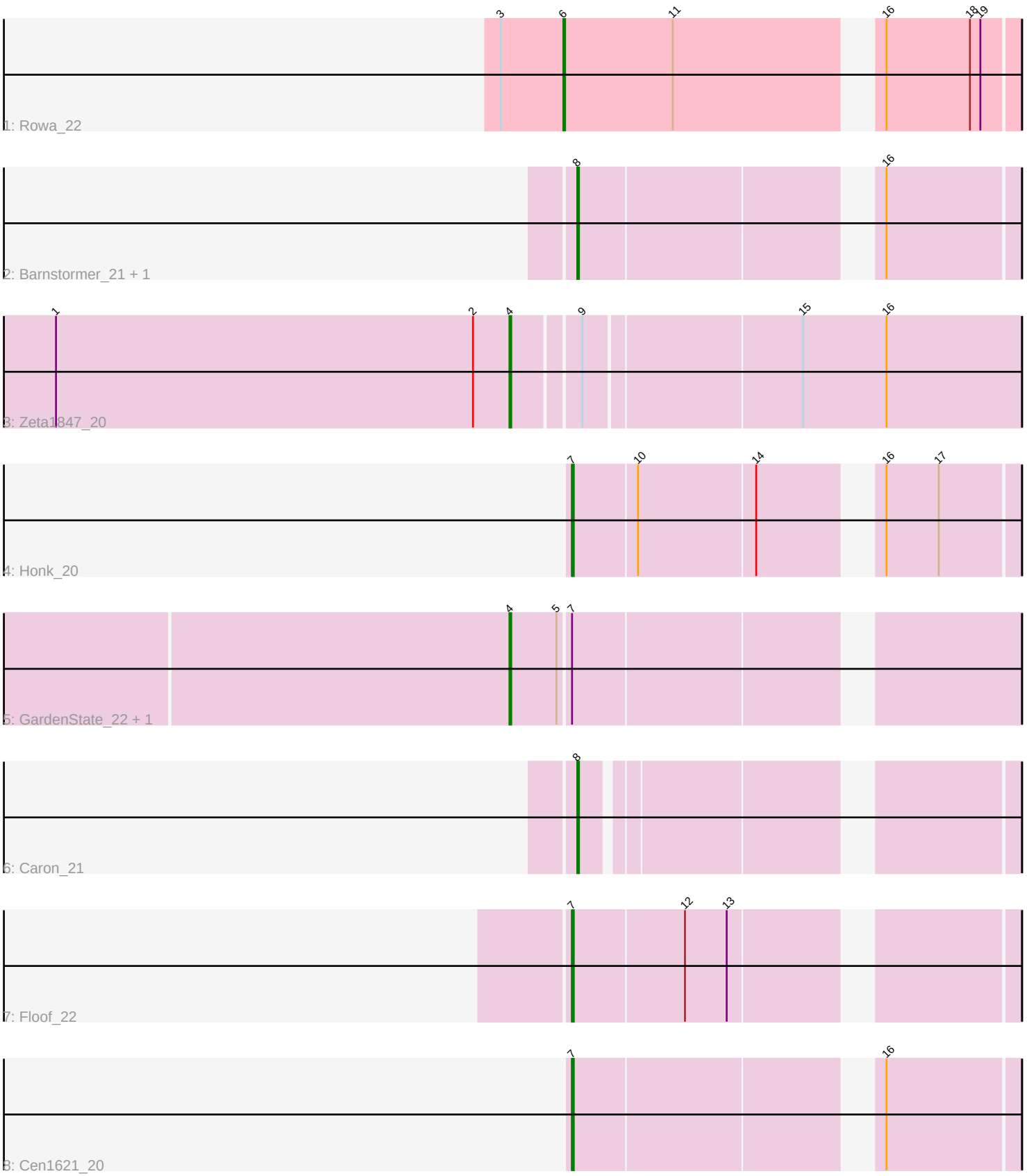
Pham 348255


3
6
11
16
18
19
1: Rowa_22
8
16
2: Barnstormer_21 + 1
1
2
4
9
15
16
3: Zeta1847_20
7
10
14
16
17
4: Honk_20
4
5
7
5: GardenState_22 + 1
8
6: Caron_21
7
12
13
7: Floof_22
7
16
8: Cen1621_20

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 348255 Report

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

Pham number 348255 has 10 members, 0 are drafts.

Phages represented in each track:
• Track 1 : Rowa_22
• Track 2 : Barnstormer_21, UtzChips_21
• Track 3 : Zeta1847_20
• Track 4 : Honk_20
• Track 5 : GardenState_22, IAmGroot_22
• Track 6 : Caron_21
• Track 7 : Floof_22
• Track 8 : Cen1621_20

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

Genes that call this "Most Annotated" start:
• Barnstormer_21, Caron_21, UtzChips_21,

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

Genes that do not have the "Most Annotated" start:
• Cen1621_20, Floof_22, GardenState_22, Honk_20, IAmGroot_22, Rowa_22, Zeta1847_20,

Summary by start number:

Start 4:
• Found in 3 of 10 (30.0%) of genes in pham
• Manual Annotations of this start: 3 of 10
• Called 100.0% of time when present
• Phage (with cluster) where this start called: GardenState_22 (EH), IAmGroot_22 (EH), Zeta1847_20 (EH),

Start 6:

• Found in 1 of 10 (10.0%) of genes in pham
• Manual Annotations of this start: 1 of 10
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Rowa_22 (BL),

Start 7:
• Found in 5 of 10 (50.0%) of genes in pham
• Manual Annotations of this start: 3 of 10
• Called 60.0% of time when present
• Phage (with cluster) where this start called: Cen1621_20 (EH), Floof_22 (EH), Honk_20 (EH),

Start 8:
• Found in 3 of 10 (30.0%) of genes in pham
• Manual Annotations of this start: 3 of 10
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Barnstormer_21 (EH), Caron_21 (EH), UtzChips_21 (EH),

Summary by clusters:

There are 2 clusters represented in this pham: BL, EH,

Info for manual annotations of cluster BL:
•Start number 6 was manually annotated 1 time for cluster BL.

Info for manual annotations of cluster EH:
•Start number 4 was manually annotated 3 times for cluster EH.
•Start number 7 was manually annotated 3 times for cluster EH.
•Start number 8 was manually annotated 3 times for cluster EH.

Gene Information:

Gene: Barnstormer_21 Start: 18602, Stop: 18829, Start Num: 8
Candidate Starts for Barnstormer_21:
(Start: 8 @18602 has 3 MA's), (16, 18755),

Gene: Caron_21 Start: 17996, Stop: 18214, Start Num: 8
Candidate Starts for Caron_21:
(Start: 8 @17996 has 3 MA's),

Gene: Cen1621_20 Start: 17053, Stop: 17283, Start Num: 7
Candidate Starts for Cen1621_20:
(Start: 7 @17053 has 3 MA's), (16, 17209),

Gene: Floof_22 Start: 18710, Stop: 18940, Start Num: 7
Candidate Starts for Floof_22:
(Start: 7 @18710 has 3 MA's), (12, 18773), (13, 18797),

Gene: GardenState_22 Start: 19038, Stop: 19304, Start Num: 4
Candidate Starts for GardenState_22:

(Start: 4 @19038 has 3 MA's), (5, 19065), (Start: 7 @19071 has 3 MA's),

Gene: Honk_20 Start: 16911, Stop: 17141, Start Num: 7
Candidate Starts for Honk_20:
(Start: 7 @16911 has 3 MA's), (10, 16947), (14, 17013), (16, 17067), (17, 17097),

Gene: IAmGroot_22 Start: 19699, Stop: 19965, Start Num: 4
Candidate Starts for IAmGroot_22:
(Start: 4 @19699 has 3 MA's), (5, 19726), (Start: 7 @19732 has 3 MA's),

Gene: Rowa_22 Start: 18255, Stop: 18494, Start Num: 6
Candidate Starts for Rowa_22:
(3, 18219), (Start: 6 @18255 has 1 MA's), (11, 18318), (16, 18420), (18, 18468), (19, 18474),

Gene: UtzChips_21 Start: 18590, Stop: 18817, Start Num: 8
Candidate Starts for UtzChips_21:
(Start: 8 @18590 has 3 MA's), (16, 18743),

Gene: Zeta1847_20 Start: 18641, Stop: 18922, Start Num: 4
Candidate Starts for Zeta1847_20:
(1, 18380), (2, 18620), (Start: 4 @18641 has 3 MA's), (9, 18677), (15, 18797), (16, 18845),