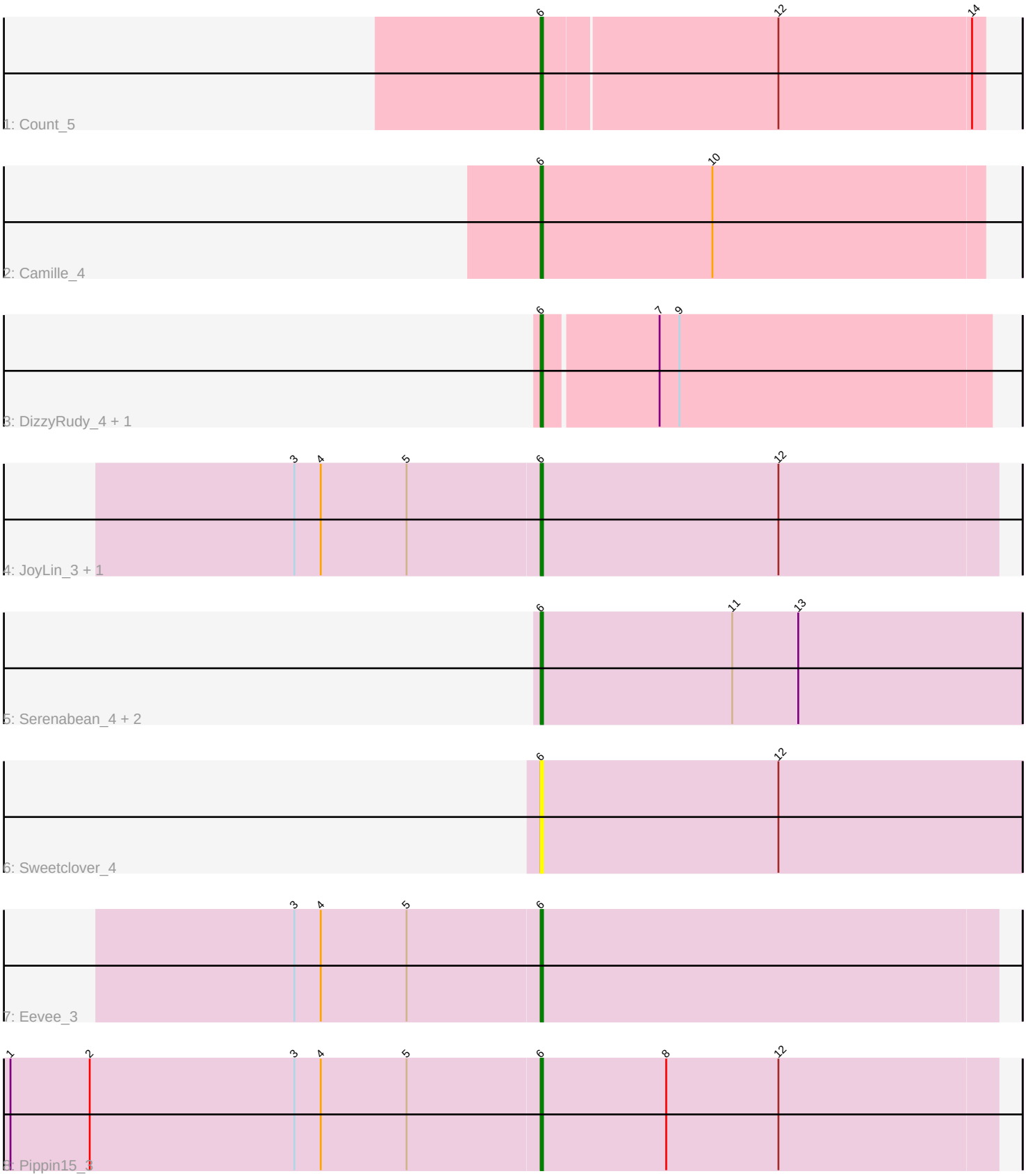
Pham 221942


6
12
14
1: Count_5
6
10
2: Camille_4
6
7
9
3: DizzyRudy_4 + 1
3
4
5
6
12
4: JoyLin_3 + 1
6
11
13
5: Serenabean_4 + 2
6
12
6: Sweetclover_4
3
4
5
6
7: Eevee_3
1
2
3
4
5
6
8
12
8: Pippin15_3

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 221942 Report

This analysis was run 03/28/25 on database version 593.

Pham number 221942 has 12 members, 1 are drafts.

Phages represented in each track:
• Track 1 : Count_5
• Track 2 : Camille_4
• Track 3 : DizzyRudy_4, Damascus_4
• Track 4 : JoyLin_3, Yotsuba_3
• Track 5 : Serenabean_4, Daddyjeff_4, AddiRose_4
• Track 6 : Sweetclover_4
• Track 7 : Eevee_3
• Track 8 : Pippin15_3

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

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

Genes that call this "Most Annotated" start:
• AddiRose_4, Camille_4, Count_5, Daddyjeff_4, Damascus_4, DizzyRudy_4, Eevee_3, JoyLin_3, Pippin15_3, Serenabean_4, Sweetclover_4, Yotsuba_3,

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

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

Summary by start number:

Start 6:
• Found in 12 of 12 (100.0%) of genes in pham
• Manual Annotations of this start: 11 of 11
• Called 100.0% of time when present
• Phage (with cluster) where this start called: AddiRose_4 (JA), Camille_4 (EL), Count_5 (EL), Daddyjeff_4 (JA), Damascus_4 (EL), DizzyRudy_4 (EL), Eevee_3 (JA), JoyLin_3 (JA), Pippin15_3 (JA), Serenabean_4 (JA), Sweetclover_4 (JA), Yotsuba_3 (JA),

Summary by clusters:

There are 2 clusters represented in this pham: EL, JA,

Info for manual annotations of cluster EL:
•Start number 6 was manually annotated 4 times for cluster EL.

Info for manual annotations of cluster JA:
•Start number 6 was manually annotated 7 times for cluster JA.

Gene Information:

Gene: AddiRose_4 Start: 1749, Stop: 1967, Start Num: 6
Candidate Starts for AddiRose_4:
(Start: 6 @1749 has 11 MA's), (11, 1836), (13, 1866),

Gene: Camille_4 Start: 1499, Stop: 1699, Start Num: 6
Candidate Starts for Camille_4:
(Start: 6 @1499 has 11 MA's), (10, 1577),

Gene: Count_5 Start: 1841, Stop: 2038, Start Num: 6
Candidate Starts for Count_5:
(Start: 6 @1841 has 11 MA's), (12, 1946), (14, 2033),

Gene: Daddyjeff_4 Start: 1748, Stop: 1966, Start Num: 6
Candidate Starts for Daddyjeff_4:
(Start: 6 @1748 has 11 MA's), (11, 1835), (13, 1865),

Gene: Damascus_4 Start: 1475, Stop: 1675, Start Num: 6
Candidate Starts for Damascus_4:
(Start: 6 @1475 has 11 MA's), (7, 1526), (9, 1535),

Gene: DizzyRudy_4 Start: 1475, Stop: 1675, Start Num: 6
Candidate Starts for DizzyRudy_4:
(Start: 6 @1475 has 11 MA's), (7, 1526), (9, 1535),

Gene: Eevee_3 Start: 1280, Stop: 1486, Start Num: 6
Candidate Starts for Eevee_3:
(3, 1169), (4, 1181), (5, 1220), (Start: 6 @1280 has 11 MA's),

Gene: JoyLin_3 Start: 1280, Stop: 1486, Start Num: 6
Candidate Starts for JoyLin_3:
(3, 1169), (4, 1181), (5, 1220), (Start: 6 @1280 has 11 MA's), (12, 1388),

Gene: Pippin15_3 Start: 1298, Stop: 1504, Start Num: 6
Candidate Starts for Pippin15_3:
(1, 1058), (2, 1094), (3, 1187), (4, 1199), (5, 1238), (Start: 6 @1298 has 11 MA's), (8, 1355), (12, 1406),

Gene: Serenabean_4 Start: 1748, Stop: 1966, Start Num: 6

Candidate Starts for Serenabean_4:
(Start: 6 @1748 has 11 MA's), (11, 1835), (13, 1865),

Gene: Sweetclover_4 Start: 1735, Stop: 1953, Start Num: 6
Candidate Starts for Sweetclover_4:
(Start: 6 @1735 has 11 MA's), (12, 1843),

Gene: Yotsuba_3 Start: 1280, Stop: 1486, Start Num: 6
Candidate Starts for Yotsuba_3:
(3, 1169), (4, 1181), (5, 1220), (Start: 6 @1280 has 11 MA's), (12, 1388),