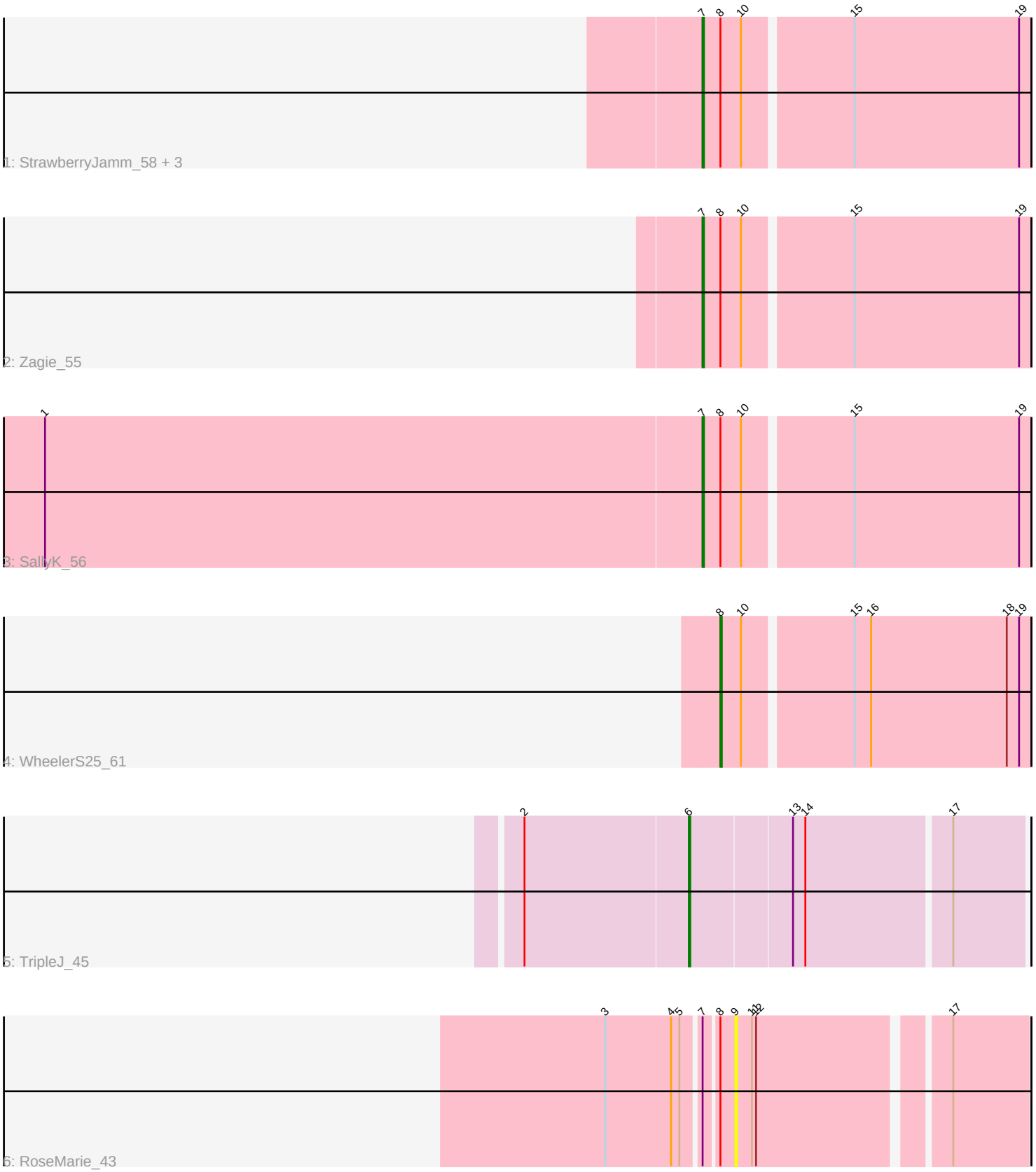
Pham 346452


7
8
10
15
19
1: StrawberryJamm_58 + 3
7
8
10
15
19
2: Zagie_55
1
7
8
10
15
19
3: SallyK_56
8
10
15
16
18
19
4: WheelerS25_61
2
6
13
14
17
5: TripleJ_45
3
4
5
7
8
9
12
17
6: RoseMarie_43

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 346452 Report

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

Pham number 346452 has 9 members, 2 are drafts.

Phages represented in each track:
• Track 1 : StrawberryJamm_58, Namago_55, FrankDeliGuy_51, ZestyBestie_52
• Track 2 : Zagie_55
• Track 3 : SallyK_56
• Track 4 : WheelerS25_61
• Track 5 : TripleJ_45
• Track 6 : RoseMarie_43

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

The start number called the most often in the published annotations is 7, it was called in 5 of the 7 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• FrankDeliGuy_51, Namago_55, SallyK_56, StrawberryJamm_58, Zagie_55, ZestyBestie_52,

Genes that have the "Most Annotated" start but do not call it:
• RoseMarie_43,

Genes that do not have the "Most Annotated" start:
• TripleJ_45, WheelerS25_61,

Summary by start number:

Start 6:
• Found in 1 of 9 (11.1%) of genes in pham
• Manual Annotations of this start: 1 of 7
• Called 100.0% of time when present
• Phage (with cluster) where this start called: TripleJ_45 (FJ),

Start 7:
• Found in 7 of 9 (77.8%) of genes in pham
• Manual Annotations of this start: 5 of 7
• Called 85.7% of time when present

• Phage (with cluster) where this start called: FrankDeliGuy_51 (EG), Namago_55 (EG), SallyK_56 (EG), StrawberryJamm_58 (EG), Zagie_55 (EG), ZestyBestie_52 (EG),

Start 8:
• Found in 8 of 9 (88.9%) of genes in pham
• Manual Annotations of this start: 1 of 7
• Called 12.5% of time when present
• Phage (with cluster) where this start called: WheelerS25_61 (EG),

Start 9:
• Found in 1 of 9 (11.1%) of genes in pham
• No Manual Annotations of this start.
• Called 100.0% of time when present
• Phage (with cluster) where this start called: RoseMarie_43 (M1),

Summary by clusters:

There are 3 clusters represented in this pham: EG, M1, FJ,

Info for manual annotations of cluster EG:
•Start number 7 was manually annotated 5 times for cluster EG.
•Start number 8 was manually annotated 1 time for cluster EG.

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

Gene Information:

Gene: FrankDeliGuy_51 Start: 41504, Stop: 41274, Start Num: 7
Candidate Starts for FrankDeliGuy_51:
(Start: 7 @41504 has 5 MA's), (Start: 8 @41492 has 1 MA's), (10, 41477), (15, 41402), (19, 41282),

Gene: Namago_55 Start: 41366, Stop: 41136, Start Num: 7
Candidate Starts for Namago_55:
(Start: 7 @41366 has 5 MA's), (Start: 8 @41354 has 1 MA's), (10, 41339), (15, 41264), (19, 41144),

Gene: RoseMarie_43 Start: 35984, Stop: 35787, Start Num: 9
Candidate Starts for RoseMarie_43:
(3, 36068), (4, 36020), (5, 36014), (Start: 7 @36002 has 5 MA's), (Start: 8 @35993 has 1 MA's), (9, 35984), (11, 35972), (12, 35969), (17, 35840),

Gene: SallyK_56 Start: 42491, Stop: 42261, Start Num: 7
Candidate Starts for SallyK_56:
(1, 42968), (Start: 7 @42491 has 5 MA's), (Start: 8 @42479 has 1 MA's), (10, 42464), (15, 42389), (19, 42269),

Gene: StrawberryJamm_58 Start: 41669, Stop: 41439, Start Num: 7
Candidate Starts for StrawberryJamm_58:
(Start: 7 @41669 has 5 MA's), (Start: 8 @41657 has 1 MA's), (10, 41642), (15, 41567), (19, 41447),

Gene: TripleJ_45 Start: 30871, Stop: 31104, Start Num: 6
Candidate Starts for TripleJ_45:
(2, 30754), (Start: 6 @30871 has 1 MA's), (13, 30943), (14, 30952), (17, 31054),

Gene: WheelerS25_61 Start: 42962, Stop: 42744, Start Num: 8
Candidate Starts for WheelerS25_61:
(Start: 8 @42962 has 1 MA's), (10, 42947), (15, 42872), (16, 42860), (18, 42761), (19, 42752),

Gene: Zagie_55 Start: 41866, Stop: 41636, Start Num: 7
Candidate Starts for Zagie_55:
(Start: 7 @41866 has 5 MA's), (Start: 8 @41854 has 1 MA's), (10, 41839), (15, 41764), (19, 41644),

Gene: ZestyBestie_52 Start: 41499, Stop: 41269, Start Num: 7
Candidate Starts for ZestyBestie_52:
(Start: 7 @41499 has 5 MA's), (Start: 8 @41487 has 1 MA's), (10, 41472), (15, 41397), (19, 41277),