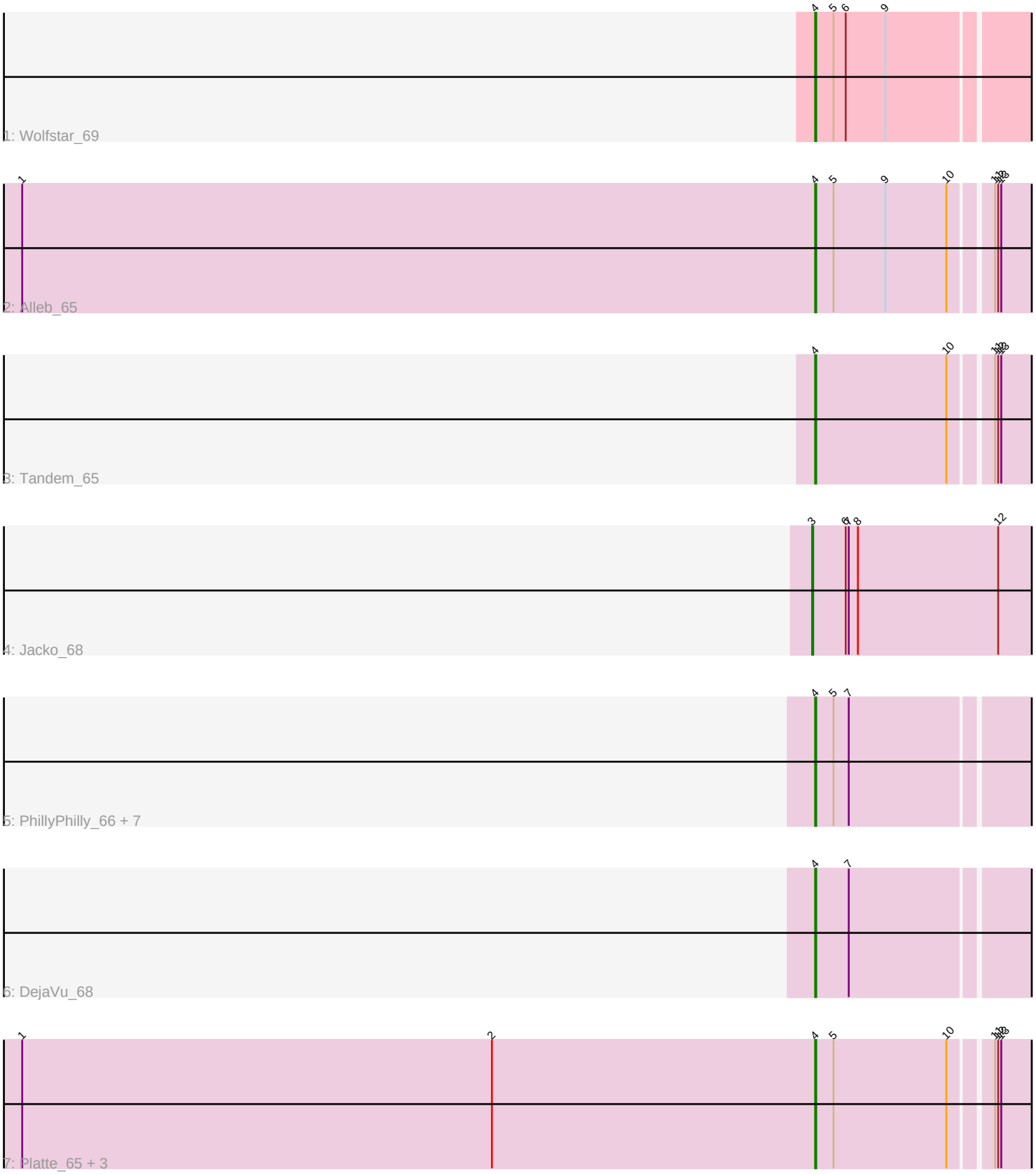
Pham 342632


4
5
6
9
1: Wolfstar_69
1
4
5
9
10
2: Alleb_65
4
10
3: Tandem_65
3
8
12
4: Jacko_68
4
5
7
5: PhillyPhilly_66 + 7
4
7
6: DejaVu_68
1
2
4
5
10
7: Platte_65 + 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 342632 Report

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

Pham number 342632 has 17 members, 2 are drafts.

Phages represented in each track:
• Track 1 : Wolfstar_69
• Track 2 : Alleb_65
• Track 3 : Tandem_65
• Track 4 : Jacko_68
• Track 5 : PhillyPhilly_66, Uterion_70, Lupine_65, Hubbs_67, Roman_69, Saradis_68, Solimine_67, Pavlo_66
• Track 6 : DejaVu_68
• Track 7 : Platte_65, OlinDD_65, Hortus1_65, Pioneer3_65

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

The start number called the most often in the published annotations is 4, it was called in 14 of the 15 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Alleb_65, DejaVu_68, Hortus1_65, Hubbs_67, Lupine_65, OlinDD_65, Pavlo_66, PhillyPhilly_66, Pioneer3_65, Platte_65, Roman_69, Saradis_68, Solimine_67, Tandem_65, Uterion_70, Wolfstar_69,

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

Genes that do not have the "Most Annotated" start:
• Jacko_68,

Summary by start number:

Start 3:
• Found in 1 of 17 (5.9%) of genes in pham
• Manual Annotations of this start: 1 of 15
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Jacko_68 (ED1),

Start 4:

• Found in 16 of 17 (94.1%) of genes in pham
• Manual Annotations of this start: 14 of 15
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Alleb_65 (ED1), DejaVu_68 (ED1), Hortus1_65 (ED1), Hubbs_67 (ED1), Lupine_65 (ED1), OlinDD_65 (ED1), Pavlo_66 (ED1), PhillyPhilly_66 (ED1), Pioneer3_65 (ED1), Platte_65 (ED1), Roman_69 (ED1), Saradis_68 (ED1), Solimine_67 (ED1), Tandem_65 (ED1), Uterion_70 (ED1), Wolfstar_69 (ED),

Summary by clusters:

There are 2 clusters represented in this pham: ED, ED1,

Info for manual annotations of cluster ED:
•Start number 4 was manually annotated 1 time for cluster ED.

Info for manual annotations of cluster ED1:
•Start number 3 was manually annotated 1 time for cluster ED1.
•Start number 4 was manually annotated 13 times for cluster ED1.

Gene Information:

Gene: Alleb_65 Start: 41115, Stop: 40912, Start Num: 4
Candidate Starts for Alleb_65:
(1, 41895), (Start: 4 @41115 has 14 MA's), (5, 41097), (9, 41046), (10, 40986), (11, 40950), (12, 40947), (13, 40944),

Gene: DejaVu_68 Start: 41118, Stop: 40897, Start Num: 4
Candidate Starts for DejaVu_68:
(Start: 4 @41118 has 14 MA's), (7, 41085),

Gene: Hortus1_65 Start: 41291, Stop: 41088, Start Num: 4
Candidate Starts for Hortus1_65:
(1, 42071), (2, 41609), (Start: 4 @41291 has 14 MA's), (5, 41273), (10, 41162), (11, 41126), (12, 41123), (13, 41120),

Gene: Hubbs_67 Start: 41346, Stop: 41125, Start Num: 4
Candidate Starts for Hubbs_67:
(Start: 4 @41346 has 14 MA's), (5, 41328), (7, 41313),

Gene: Jacko_68 Start: 40460, Stop: 40230, Start Num: 3
Candidate Starts for Jacko_68:
(Start: 3 @40460 has 1 MA's), (6, 40427), (7, 40424), (8, 40415), (12, 40277),

Gene: Lupine_65 Start: 40532, Stop: 40311, Start Num: 4
Candidate Starts for Lupine_65:
(Start: 4 @40532 has 14 MA's), (5, 40514), (7, 40499),

Gene: OlinDD_65 Start: 41290, Stop: 41087, Start Num: 4
Candidate Starts for OlinDD_65:

(1, 42070), (2, 41608), (Start: 4 @41290 has 14 MA's), (5, 41272), (10, 41161), (11, 41125), (12, 41122), (13, 41119),

Gene: Pavlo_66 Start: 41177, Stop: 40956, Start Num: 4
Candidate Starts for Pavlo_66:
(Start: 4 @41177 has 14 MA's), (5, 41159), (7, 41144),

Gene: PhillyPhilly_66 Start: 40711, Stop: 40490, Start Num: 4
Candidate Starts for PhillyPhilly_66:
(Start: 4 @40711 has 14 MA's), (5, 40693), (7, 40678),

Gene: Pioneer3_65 Start: 41112, Stop: 40909, Start Num: 4
Candidate Starts for Pioneer3_65:
(1, 41892), (2, 41430), (Start: 4 @41112 has 14 MA's), (5, 41094), (10, 40983), (11, 40947), (12, 40944), (13, 40941),

Gene: Platte_65 Start: 41083, Stop: 40880, Start Num: 4
Candidate Starts for Platte_65:
(1, 41863), (2, 41401), (Start: 4 @41083 has 14 MA's), (5, 41065), (10, 40954), (11, 40918), (12, 40915), (13, 40912),

Gene: Roman_69 Start: 41832, Stop: 41611, Start Num: 4
Candidate Starts for Roman_69:
(Start: 4 @41832 has 14 MA's), (5, 41814), (7, 41799),

Gene: Saradis_68 Start: 40790, Stop: 40569, Start Num: 4
Candidate Starts for Saradis_68:
(Start: 4 @40790 has 14 MA's), (5, 40772), (7, 40757),

Gene: Solimine_67 Start: 41146, Stop: 40925, Start Num: 4
Candidate Starts for Solimine_67:
(Start: 4 @41146 has 14 MA's), (5, 41128), (7, 41113),

Gene: Tandem_65 Start: 41210, Stop: 41007, Start Num: 4
Candidate Starts for Tandem_65:
(Start: 4 @41210 has 14 MA's), (10, 41081), (11, 41045), (12, 41042), (13, 41039),

Gene: Uterion_70 Start: 41279, Stop: 41058, Start Num: 4
Candidate Starts for Uterion_70:
(Start: 4 @41279 has 14 MA's), (5, 41261), (7, 41246),

Gene: Wolfstar_69 Start: 42419, Stop: 42198, Start Num: 4
Candidate Starts for Wolfstar_69:
(Start: 4 @42419 has 14 MA's), (5, 42401), (6, 42389), (9, 42350),