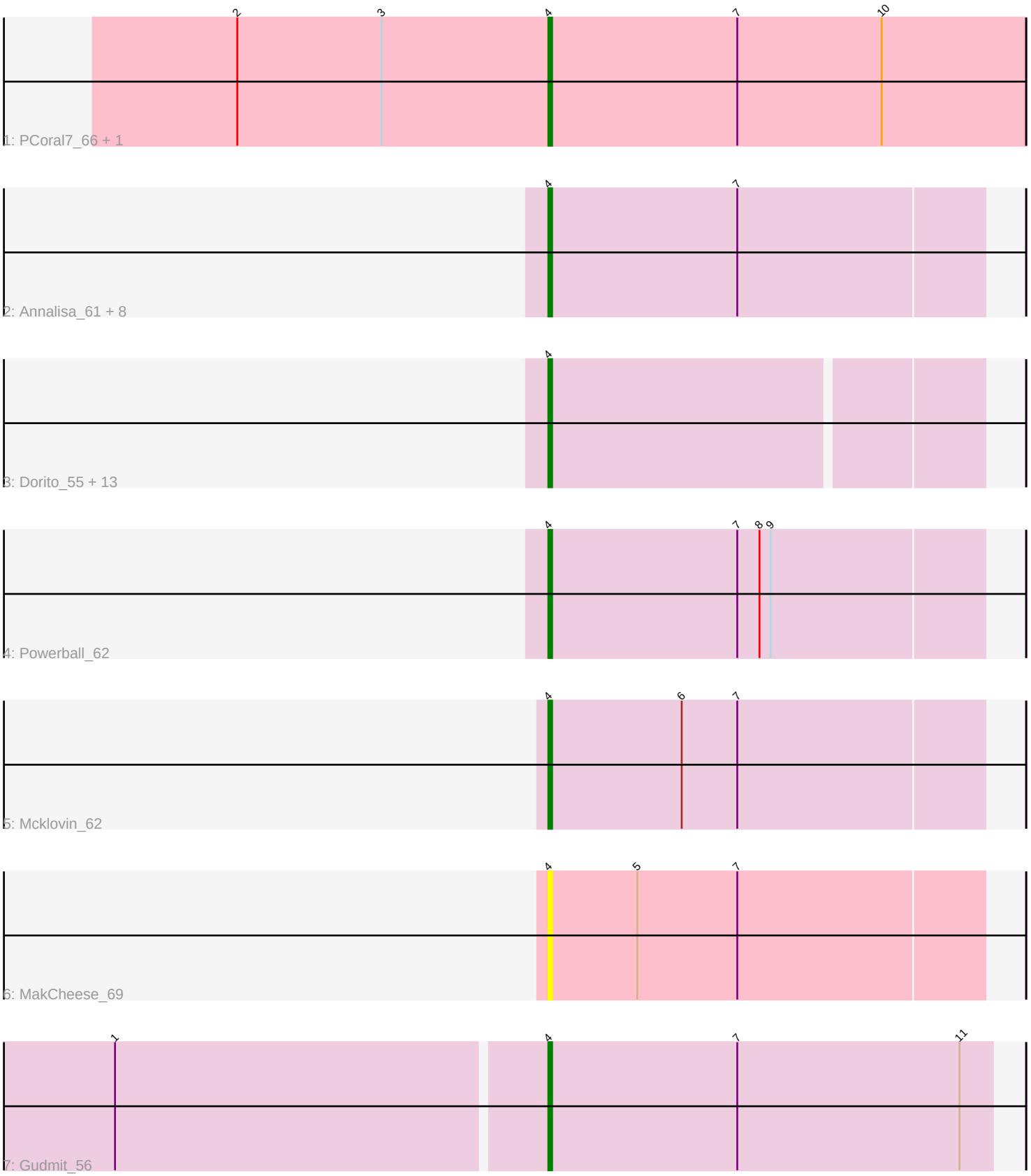
Pham 347924


2
3
4
7
10
1: PCoral7_66 + 1
4
7
2: Annalisa_61 + 8
4
3: Dorito_55 + 13
4
7
8
9
4: Powerball_62
4
6
7
5: Mcklovin_62
4
5
7
6: MakCheese_69
1
4
7
11
7: Gudmit_56

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 347924 Report

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

Pham number 347924 has 29 members, 2 are drafts.

Phages represented in each track:
• Track 1 : PCoral7_66, Toast_66
• Track 2 : Annalisa_61, DobbysSock_58, Beenie_58, Suerte_57, Rizz_64, Samman98_64, Tuti_59, Invectra_66, Clark_63
• Track 3 : Dorito_55, Twinkle_63, Howe_64, Dolores_62, Sekhmet_61, Thimann_64, PhriskyACE_60, WinkNick_62, Easley_59, Adora_61, MichaelScott_65, Hortense_64, Oregano_64, Shlim410_62
• Track 4 : Powerball_62
• Track 5 : Mcklovin_62
• Track 6 : MakCheese_69
• Track 7 : Gudmit_56

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 27 of the 27 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Adora_61, Annalisa_61, Beenie_58, Clark_63, DobbysSock_58, Dolores_62, Dorito_55, Easley_59, Gudmit_56, Hortense_64, Howe_64, Invectra_66, MakCheese_69, Mcklovin_62, MichaelScott_65, Oregano_64, PCoral7_66, PhriskyACE_60, Powerball_62, Rizz_64, Samman98_64, Sekhmet_61, Shlim410_62, Suerte_57, Thimann_64, Toast_66, Tuti_59, Twinkle_63, WinkNick_62,

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 4:
• Found in 29 of 29 (100.0%) of genes in pham
• Manual Annotations of this start: 27 of 27

• Called 100.0% of time when present
• Phage (with cluster) where this start called: Adora_61 (CZ4), Annalisa_61 (CZ4), Beenie_58 (CZ4), Clark_63 (CZ4), DobbysSock_58 (CZ4), Dolores_62 (CZ4), Dorito_55 (CZ4), Easley_59 (CZ4), Gudmit_56 (singleton), Hortense_64 (CZ4), Howe_64 (CZ4), Invectra_66 (CZ4), MakCheese_69 (DW), Mcklovin_62 (CZ4), MichaelScott_65 (CZ4), Oregano_64 (CZ4), PCoral7_66 (CV), PhriskyACE_60 (CZ4), Powerball_62 (CZ4), Rizz_64 (CZ4), Samman98_64 (CZ4), Sekhmet_61 (CZ4), Shlim410_62 (CZ4), Suerte_57 (CZ4), Thimann_64 (CZ4), Toast_66 (CV), Tuti_59 (CZ4), Twinkle_63 (CZ4), WinkNick_62 (CZ4),

Summary by clusters:

There are 4 clusters represented in this pham: DW, singleton, CV, CZ4,

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

Info for manual annotations of cluster CZ4:
•Start number 4 was manually annotated 24 times for cluster CZ4.

Gene Information:

Gene: Adora_61 Start: 43146, Stop: 43259, Start Num: 4
Candidate Starts for Adora_61:
(Start: 4 @43146 has 27 MA's),

Gene: Annalisa_61 Start: 40463, Stop: 40579, Start Num: 4
Candidate Starts for Annalisa_61:
(Start: 4 @40463 has 27 MA's), (7, 40514),

Gene: Beenie_58 Start: 41191, Stop: 41307, Start Num: 4
Candidate Starts for Beenie_58:
(Start: 4 @41191 has 27 MA's), (7, 41242),

Gene: Clark_63 Start: 40954, Stop: 41070, Start Num: 4
Candidate Starts for Clark_63:
(Start: 4 @40954 has 27 MA's), (7, 41005),

Gene: DobbysSock_58 Start: 40602, Stop: 40718, Start Num: 4
Candidate Starts for DobbysSock_58:
(Start: 4 @40602 has 27 MA's), (7, 40653),

Gene: Dolores_62 Start: 40290, Stop: 40403, Start Num: 4
Candidate Starts for Dolores_62:
(Start: 4 @40290 has 27 MA's),

Gene: Dorito_55 Start: 38107, Stop: 38220, Start Num: 4
Candidate Starts for Dorito_55:
(Start: 4 @38107 has 27 MA's),

Gene: Easley_59 Start: 39801, Stop: 39899, Start Num: 4
Candidate Starts for Easley_59:
(Start: 4 @39801 has 27 MA's),

Gene: Gudmit_56 Start: 33859, Stop: 33978, Start Num: 4
Candidate Starts for Gudmit_56:
(1, 33745), (Start: 4 @33859 has 27 MA's), (7, 33910), (11, 33970),

Gene: Hortense_64 Start: 44501, Stop: 44614, Start Num: 4
Candidate Starts for Hortense_64:
(Start: 4 @44501 has 27 MA's),

Gene: Howe_64 Start: 44501, Stop: 44614, Start Num: 4
Candidate Starts for Howe_64:
(Start: 4 @44501 has 27 MA's),

Gene: Invectra_66 Start: 42527, Stop: 42643, Start Num: 4
Candidate Starts for Invectra_66:
(Start: 4 @42527 has 27 MA's), (7, 42578),

Gene: MakCheese_69 Start: 44932, Stop: 45048, Start Num: 4
Candidate Starts for MakCheese_69:
(Start: 4 @44932 has 27 MA's), (5, 44956), (7, 44983),

Gene: Mcklovin_62 Start: 46828, Stop: 46944, Start Num: 4
Candidate Starts for Mcklovin_62:
(Start: 4 @46828 has 27 MA's), (6, 46864), (7, 46879),

Gene: MichaelScott_65 Start: 42221, Stop: 42334, Start Num: 4
Candidate Starts for MichaelScott_65:
(Start: 4 @42221 has 27 MA's),

Gene: Oregano_64 Start: 41095, Stop: 41208, Start Num: 4
Candidate Starts for Oregano_64:
(Start: 4 @41095 has 27 MA's),

Gene: PCoral7_66 Start: 42700, Stop: 42828, Start Num: 4
Candidate Starts for PCoral7_66:
(2, 42616), (3, 42655), (Start: 4 @42700 has 27 MA's), (7, 42751), (10, 42790),

Gene: PhriskyACE_60 Start: 41112, Stop: 41225, Start Num: 4
Candidate Starts for PhriskyACE_60:
(Start: 4 @41112 has 27 MA's),

Gene: Powerball_62 Start: 41218, Stop: 41334, Start Num: 4
Candidate Starts for Powerball_62:
(Start: 4 @41218 has 27 MA's), (7, 41269), (8, 41275), (9, 41278),

Gene: Rizz_64 Start: 41743, Stop: 41859, Start Num: 4
Candidate Starts for Rizz_64:
(Start: 4 @41743 has 27 MA's), (7, 41794),

Gene: Samman98_64 Start: 41057, Stop: 41173, Start Num: 4

Candidate Starts for Samman98_64:
(Start: 4 @41057 has 27 MA's), (7, 41108),

Gene: Sekhmet_61 Start: 40689, Stop: 40802, Start Num: 4
Candidate Starts for Sekhmet_61:
(Start: 4 @40689 has 27 MA's),

Gene: Shlim410_62 Start: 44501, Stop: 44614, Start Num: 4
Candidate Starts for Shlim410_62:
(Start: 4 @44501 has 27 MA's),

Gene: Suerte_57 Start: 40021, Stop: 40137, Start Num: 4
Candidate Starts for Suerte_57:
(Start: 4 @40021 has 27 MA's), (7, 40072),

Gene: Thimann_64 Start: 41329, Stop: 41442, Start Num: 4
Candidate Starts for Thimann_64:
(Start: 4 @41329 has 27 MA's),

Gene: Toast_66 Start: 42700, Stop: 42828, Start Num: 4
Candidate Starts for Toast_66:
(2, 42616), (3, 42655), (Start: 4 @42700 has 27 MA's), (7, 42751), (10, 42790),

Gene: Tuti_59 Start: 42073, Stop: 42189, Start Num: 4
Candidate Starts for Tuti_59:
(Start: 4 @42073 has 27 MA's), (7, 42124),

Gene: Twinkle_63 Start: 45560, Stop: 45673, Start Num: 4
Candidate Starts for Twinkle_63:
(Start: 4 @45560 has 27 MA's),

Gene: WinkNick_62 Start: 40213, Stop: 40326, Start Num: 4
Candidate Starts for WinkNick_62:
(Start: 4 @40213 has 27 MA's),