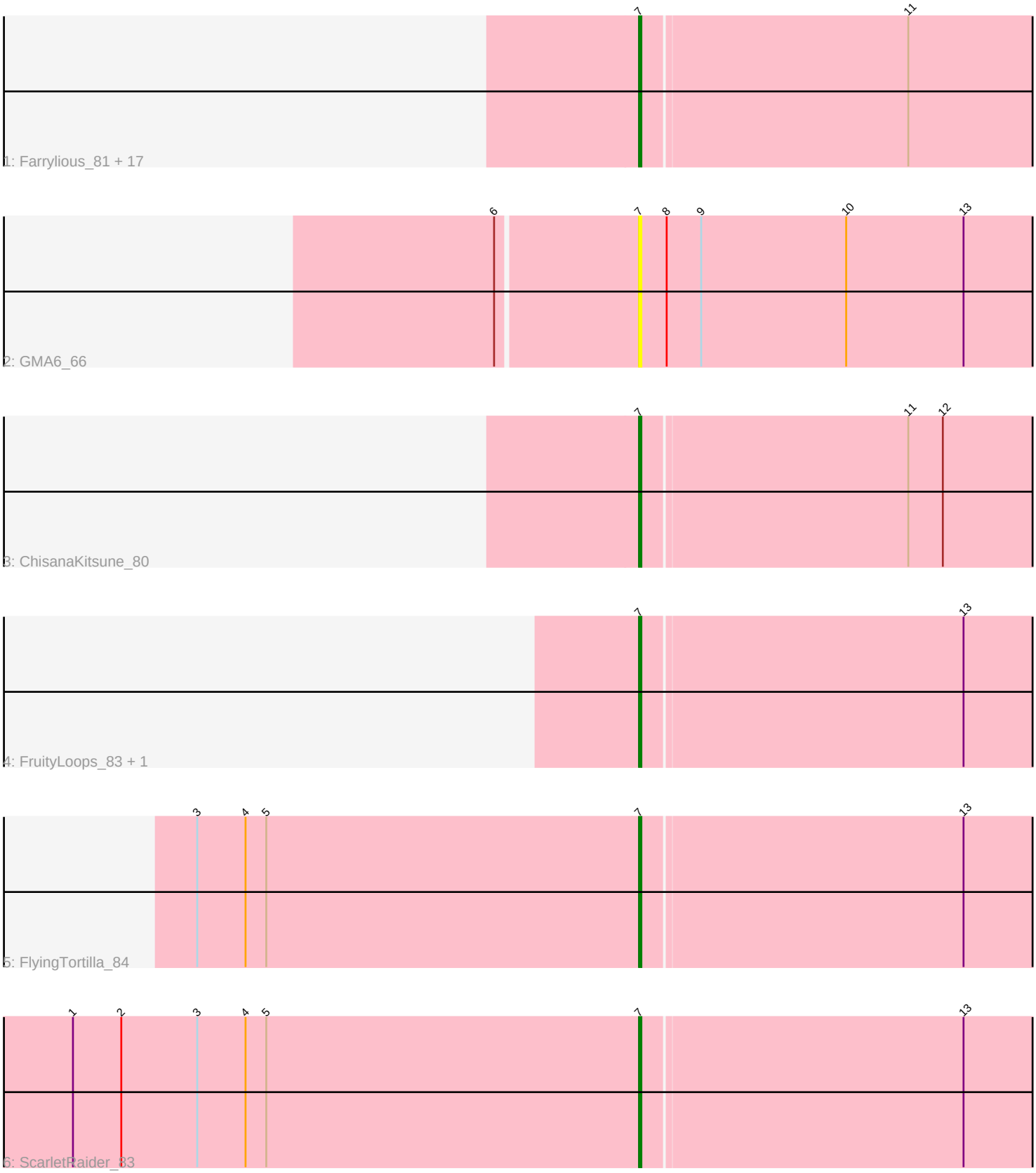
Pham 344333


7
11
1: Farrylious_81 + 17
6
7
8
9
10
13
2: GMA6_66
7
11
12
3: ChisanaKitsune_80
7
13
4: FruityLoops_83 + 1
3
4
5
7
13
5: FlyingTortilla_84
1
2
3
4
5
7
13
6: ScarletRaider_83

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 344333 Report

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

Pham number 344333 has 24 members, 10 are drafts.

Phages represented in each track:
• Track 1 : Farrylious_81, Kabocha_84, MintFritos_79, Oogie_84, Argena_80, Pakusa_79, Twin_78, Hanem_82, Gray_83, Beted_83, Toneprano_80, Amoonguss_80, Lenoshki_83, Schomber_81, Mikronejon_83, Chidiebere_83, Aloki_82, EmoNemo_78
• Track 2 : GMA6_66
• Track 3 : ChisanaKitsune_80
• Track 4 : FruityLoops_83, UBSmoodge_86
• Track 5 : FlyingTortilla_84
• Track 6 : ScarletRaider_83

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 14 of the 14 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Aloki_82, Amoonguss_80, Argena_80, Beted_83, Chidiebere_83, ChisanaKitsune_80, EmoNemo_78, Farrylious_81, FlyingTortilla_84, FruityLoops_83, GMA6_66, Gray_83, Hanem_82, Kabocha_84, Lenoshki_83, Mikronejon_83, MintFritos_79, Oogie_84, Pakusa_79, ScarletRaider_83, Schomber_81, Toneprano_80, Twin_78, UBSmoodge_86,

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 7:
• Found in 24 of 24 (100.0%) of genes in pham
• Manual Annotations of this start: 14 of 14
• Called 100.0% of time when present

• Phage (with cluster) where this start called: Aloki_82 (DQ), Amoonguss_80 (DQ), Argena_80 (DQ), Beted_83 (DQ), Chidiebere_83 (DQ), ChisanaKitsune_80 (DQ), EmoNemo_78 (DQ), Farrylious_81 (DQ), FlyingTortilla_84 (DQ), FruityLoops_83 (DQ), GMA6_66 (DQ), Gray_83 (DQ), Hanem_82 (DQ), Kabocha_84 (DQ), Lenoshki_83 (DQ), Mikronejon_83 (DQ), MintFritos_79 (DQ), Oogie_84 (DQ), Pakusa_79 (DQ), ScarletRaider_83 (DQ), Schomber_81 (DQ), Toneprano_80 (DQ), Twin_78 (DQ), UBSmoodge_86 (DQ),

Summary by clusters:

There is one cluster represented in this pham: DQ

Info for manual annotations of cluster DQ:
•Start number 7 was manually annotated 14 times for cluster DQ.

Gene Information:

Gene: Aloki_82 Start: 63735, Stop: 63947, Start Num: 7
Candidate Starts for Aloki_82:
(Start: 7 @63735 has 14 MA's), (11, 63849),

Gene: Amoonguss_80 Start: 63690, Stop: 63902, Start Num: 7
Candidate Starts for Amoonguss_80:
(Start: 7 @63690 has 14 MA's), (11, 63804),

Gene: Argena_80 Start: 63702, Stop: 63914, Start Num: 7
Candidate Starts for Argena_80:
(Start: 7 @63702 has 14 MA's), (11, 63816),

Gene: Beted_83 Start: 65841, Stop: 66053, Start Num: 7
Candidate Starts for Beted_83:
(Start: 7 @65841 has 14 MA's), (11, 65955),

Gene: Chidiebere_83 Start: 64268, Stop: 64480, Start Num: 7
Candidate Starts for Chidiebere_83:
(Start: 7 @64268 has 14 MA's), (11, 64382),

Gene: ChisanaKitsune_80 Start: 63445, Stop: 63657, Start Num: 7
Candidate Starts for ChisanaKitsune_80:
(Start: 7 @63445 has 14 MA's), (11, 63559), (12, 63574),

Gene: EmoNemo_78 Start: 63735, Stop: 63947, Start Num: 7
Candidate Starts for EmoNemo_78:
(Start: 7 @63735 has 14 MA's), (11, 63849),

Gene: Farrylious_81 Start: 63466, Stop: 63678, Start Num: 7
Candidate Starts for Farrylious_81:
(Start: 7 @63466 has 14 MA's), (11, 63580),

Gene: FlyingTortilla_84 Start: 67913, Stop: 68119, Start Num: 7
Candidate Starts for FlyingTortilla_84:

(3, 67724), (4, 67745), (5, 67754), (Start: 7 @67913 has 14 MA's), (13, 68051),

Gene: FruityLoops_83 Start: 67214, Stop: 67420, Start Num: 7
Candidate Starts for FruityLoops_83:
(Start: 7 @67214 has 14 MA's), (13, 67352),

Gene: GMA6_66 Start: 54553, Stop: 54771, Start Num: 7
Candidate Starts for GMA6_66:
(6, 54493), (Start: 7 @54553 has 14 MA's), (8, 54565), (9, 54580), (10, 54643), (13, 54694),

Gene: Gray_83 Start: 64199, Stop: 64411, Start Num: 7
Candidate Starts for Gray_83:
(Start: 7 @64199 has 14 MA's), (11, 64313),

Gene: Hanem_82 Start: 63735, Stop: 63947, Start Num: 7
Candidate Starts for Hanem_82:
(Start: 7 @63735 has 14 MA's), (11, 63849),

Gene: Kabocha_84 Start: 65081, Stop: 65293, Start Num: 7
Candidate Starts for Kabocha_84:
(Start: 7 @65081 has 14 MA's), (11, 65195),

Gene: Lenoshki_83 Start: 65841, Stop: 66053, Start Num: 7
Candidate Starts for Lenoshki_83:
(Start: 7 @65841 has 14 MA's), (11, 65955),

Gene: Mikronejon_83 Start: 63735, Stop: 63947, Start Num: 7
Candidate Starts for Mikronejon_83:
(Start: 7 @63735 has 14 MA's), (11, 63849),

Gene: MintFritos_79 Start: 63706, Stop: 63918, Start Num: 7
Candidate Starts for MintFritos_79:
(Start: 7 @63706 has 14 MA's), (11, 63820),

Gene: Oogie_84 Start: 65894, Stop: 66106, Start Num: 7
Candidate Starts for Oogie_84:
(Start: 7 @65894 has 14 MA's), (11, 66008),

Gene: Pakusa_79 Start: 63461, Stop: 63673, Start Num: 7
Candidate Starts for Pakusa_79:
(Start: 7 @63461 has 14 MA's), (11, 63575),

Gene: ScarletRaider_83 Start: 67178, Stop: 67384, Start Num: 7
Candidate Starts for ScarletRaider_83:
(1, 66935), (2, 66956), (3, 66989), (4, 67010), (5, 67019), (Start: 7 @67178 has 14 MA's), (13, 67316),

Gene: Schomber_81 Start: 63469, Stop: 63681, Start Num: 7
Candidate Starts for Schomber_81:
(Start: 7 @63469 has 14 MA's), (11, 63583),

Gene: Toneprano_80 Start: 63704, Stop: 63916, Start Num: 7
Candidate Starts for Toneprano_80:
(Start: 7 @63704 has 14 MA's), (11, 63818),

Gene: Twin_78 Start: 63734, Stop: 63946, Start Num: 7
Candidate Starts for Twin_78:
(Start: 7 @63734 has 14 MA's), (11, 63848),

Gene: UBSmoodge_86 Start: 67618, Stop: 67824, Start Num: 7
Candidate Starts for UBSmoodge_86:
(Start: 7 @67618 has 14 MA's), (13, 67756),