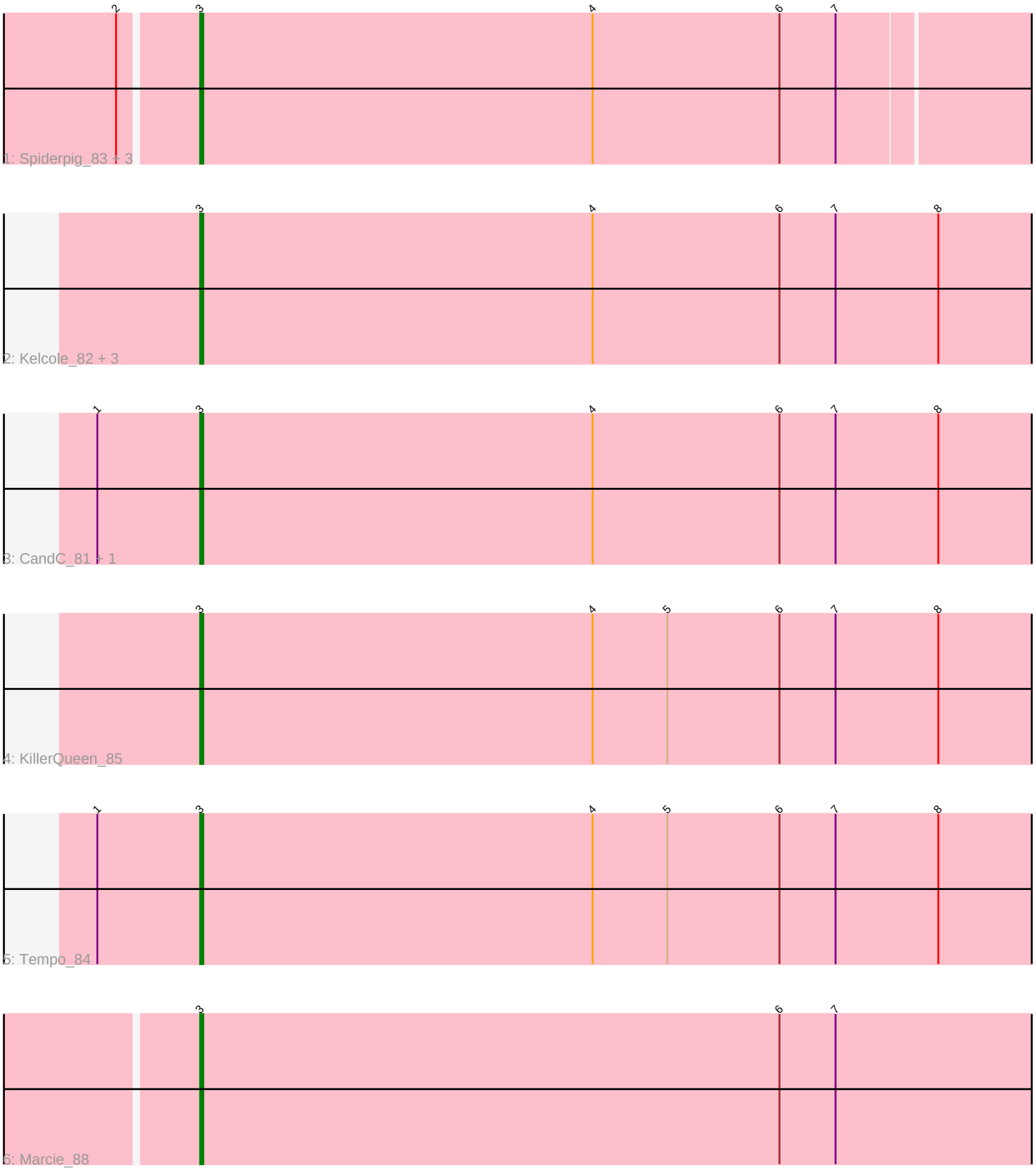
Pham 344557


2
3
4
6
7
1: Spiderpig_83 + 3
3
4
6
7
8
2: Kelcole_82 + 3
1
3
4
6
7
8
3: CandC_81 + 1
3
4
5
6
7
8
4: KillerQueen_85
1
3
4
5
6
7
8
5: Tempo_84
3
6
7
6: Marcie_88

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 344557 Report

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

Pham number 344557 has 13 members, 2 are drafts.

Phages represented in each track:
• Track 1 : Spiderpig_83, Wilca_82, BirdInFrench_82, Pepe25_80
• Track 2 : Kelcole_82, Romm_86, RobinRose_86, OneinaGillian_81
• Track 3 : CandC_81, Fregley_84
• Track 4 : KillerQueen_85
• Track 5 : Tempo_84
• Track 6 : Marcie_88

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

The start number called the most often in the published annotations is 3, it was called in 11 of the 11 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• BirdInFrench_82, CandC_81, Fregley_84, Kelcole_82, KillerQueen_85, Marcie_88, OneinaGillian_81, Pepe25_80, RobinRose_86, Romm_86, Spiderpig_83, Tempo_84, Wilca_82,

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 3:
• Found in 13 of 13 (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: BirdInFrench_82 (EG), CandC_81 (EG), Fregley_84 (EG), Kelcole_82 (EG), KillerQueen_85 (EG), Marcie_88 (EG), OneinaGillian_81 (EG), Pepe25_80 (EG), RobinRose_86 (EG), Romm_86 (EG), Spiderpig_83 (EG), Tempo_84 (EG), Wilca_82 (EG),

Summary by clusters:

There is one cluster represented in this pham: EG

Info for manual annotations of cluster EG:
•Start number 3 was manually annotated 11 times for cluster EG.

Gene Information:

Gene: BirdInFrench_82 Start: 52570, Stop: 52265, Start Num: 3
Candidate Starts for BirdInFrench_82:
(2, 52594), (Start: 3 @52570 has 11 MA's), (4, 52444), (6, 52384), (7, 52366),

Gene: CandC_81 Start: 52207, Stop: 51896, Start Num: 3
Candidate Starts for CandC_81:
(1, 52240), (Start: 3 @52207 has 11 MA's), (4, 52081), (6, 52021), (7, 52003), (8, 51970),

Gene: Fregley_84 Start: 52556, Stop: 52245, Start Num: 3
Candidate Starts for Fregley_84:
(1, 52589), (Start: 3 @52556 has 11 MA's), (4, 52430), (6, 52370), (7, 52352), (8, 52319),

Gene: Kelcole_82 Start: 52779, Stop: 52468, Start Num: 3
Candidate Starts for Kelcole_82:
(Start: 3 @52779 has 11 MA's), (4, 52653), (6, 52593), (7, 52575), (8, 52542),

Gene: KillerQueen_85 Start: 52698, Stop: 52387, Start Num: 3
Candidate Starts for KillerQueen_85:
(Start: 3 @52698 has 11 MA's), (4, 52572), (5, 52548), (6, 52512), (7, 52494), (8, 52461),

Gene: Marcie_88 Start: 53436, Stop: 53125, Start Num: 3
Candidate Starts for Marcie_88:
(Start: 3 @53436 has 11 MA's), (6, 53250), (7, 53232),

Gene: OneinaGillian_81 Start: 52103, Stop: 51792, Start Num: 3
Candidate Starts for OneinaGillian_81:
(Start: 3 @52103 has 11 MA's), (4, 51977), (6, 51917), (7, 51899), (8, 51866),

Gene: Pepe25_80 Start: 51489, Stop: 51184, Start Num: 3
Candidate Starts for Pepe25_80:
(2, 51513), (Start: 3 @51489 has 11 MA's), (4, 51363), (6, 51303), (7, 51285),

Gene: RobinRose_86 Start: 53208, Stop: 52897, Start Num: 3
Candidate Starts for RobinRose_86:
(Start: 3 @53208 has 11 MA's), (4, 53082), (6, 53022), (7, 53004), (8, 52971),

Gene: Romm_86 Start: 53205, Stop: 52894, Start Num: 3
Candidate Starts for Romm_86:
(Start: 3 @53205 has 11 MA's), (4, 53079), (6, 53019), (7, 53001), (8, 52968),

Gene: Spiderpig_83 Start: 52756, Stop: 52451, Start Num: 3
Candidate Starts for Spiderpig_83:

(2, 52780), (Start: 3 @52756 has 11 MA's), (4, 52630), (6, 52570), (7, 52552),

Gene: Tempo_84 Start: 52900, Stop: 52589, Start Num: 3
Candidate Starts for Tempo_84:
(1, 52933), (Start: 3 @52900 has 11 MA's), (4, 52774), (5, 52750), (6, 52714), (7, 52696), (8, 52663),

Gene: Wilca_82 Start: 52570, Stop: 52265, Start Num: 3
Candidate Starts for Wilca_82:
(2, 52594), (Start: 3 @52570 has 11 MA's), (4, 52444), (6, 52384), (7, 52366),