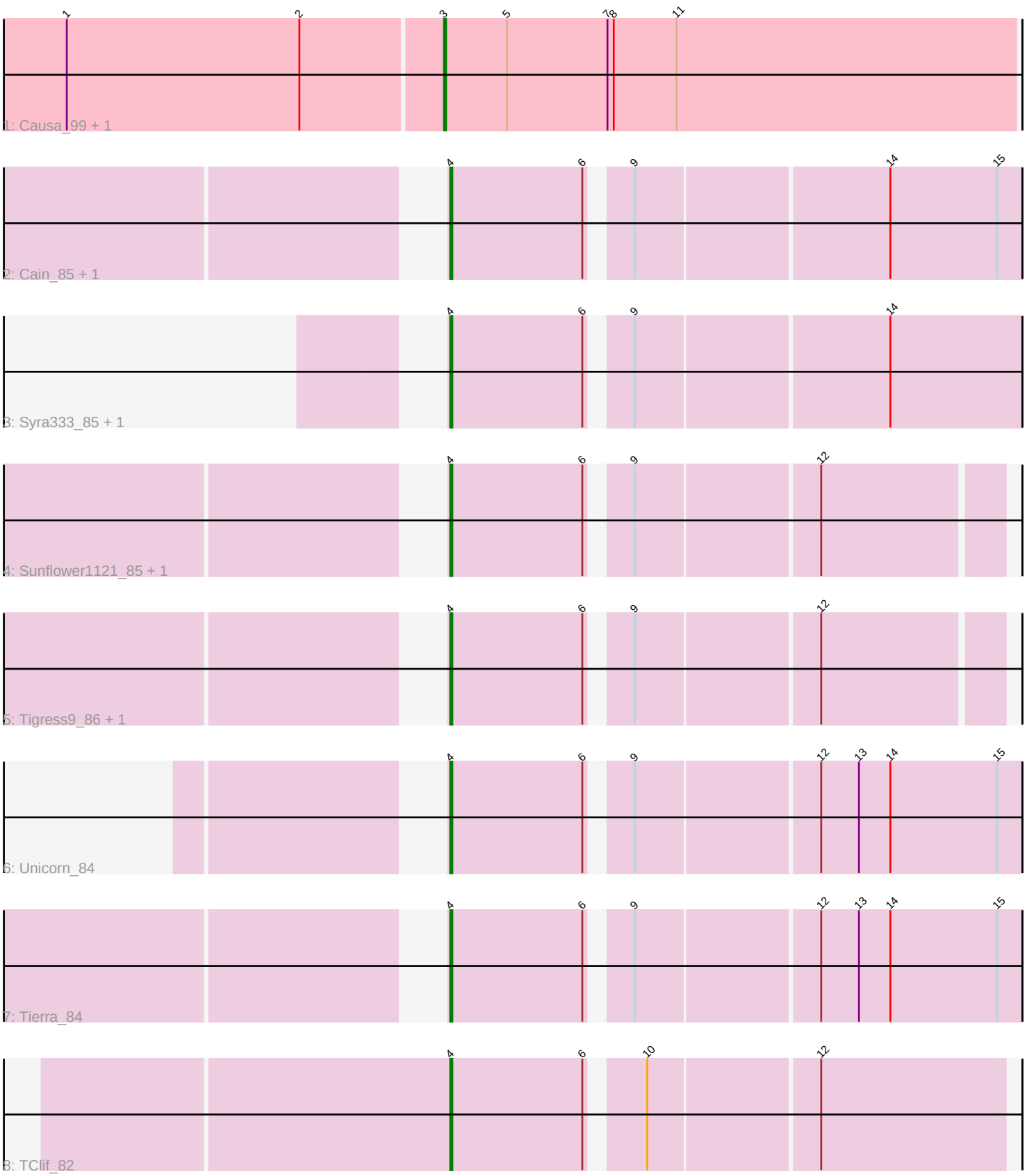
Pham 348191


1
2
3
5
7
8
11
1: Causa_99 + 1
4
6
9
14
15
2: Cain_85 + 1
4
6
9
14
3: Syra333_85 + 1
4
6
9
12
4: Sunflower1121_85 + 1
4
6
9
12
5: Tigress9_86 + 1
4
6
9
12
13
14
15
6: Unicorn_84
4
6
9
12
13
14
15
7: Tierra_84
4
6
10
12
8: TClif_82

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 348191 Report

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

Pham number 348191 has 13 members, 0 are drafts.

Phages represented in each track:
• Track 1 : Causa_99, StAugustine_98
• Track 2 : Cain_85, Phrank_85
• Track 3 : Syra333_85, Ximenita_87
• Track 4 : Sunflower1121_85, Shadow1_86
• Track 5 : Tigress9_86, Krueger_86
• Track 6 : Unicorn_84
• Track 7 : Tierra_84
• Track 8 : TClif_82

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 11 of the 13 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Cain_85, Krueger_86, Phrank_85, Shadow1_86, Sunflower1121_85, Syra333_85, TClif_82, Tierra_84, Tigress9_86, Unicorn_84, Ximenita_87,

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

Genes that do not have the "Most Annotated" start:
• Causa_99, StAugustine_98,

Summary by start number:

Start 3:
• Found in 2 of 13 (15.4%) of genes in pham
• Manual Annotations of this start: 2 of 13
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Causa_99 (AI), StAugustine_98 (AI),

Start 4:
• Found in 11 of 13 (84.6%) of genes in pham

• Manual Annotations of this start: 11 of 13
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Cain_85 (K6), Krueger_86 (K6), Phrank_85 (K6), Shadow1_86 (K6), Sunflower1121_85 (K6), Syra333_85 (K6), TClif_82 (K6), Tierra_84 (K6), Tigress9_86 (K6), Unicorn_84 (K6), Ximenita_87 (K6),

Summary by clusters:

There are 2 clusters represented in this pham: AI, K6,

Info for manual annotations of cluster AI:
•Start number 3 was manually annotated 2 times for cluster AI.

Info for manual annotations of cluster K6:
•Start number 4 was manually annotated 11 times for cluster K6.

Gene Information:

Gene: Cain_85 Start: 52802, Stop: 53059, Start Num: 4
Candidate Starts for Cain_85:
(Start: 4 @52802 has 11 MA's), (6, 52865), (9, 52880), (14, 52997), (15, 53048),

Gene: Causa_99 Start: 70808, Stop: 70536, Start Num: 3
Candidate Starts for Causa_99:
(1, 70985), (2, 70874), (Start: 3 @70808 has 2 MA's), (5, 70778), (7, 70730), (8, 70727), (11, 70697),

Gene: Krueger_86 Start: 53323, Stop: 53568, Start Num: 4
Candidate Starts for Krueger_86:
(Start: 4 @53323 has 11 MA's), (6, 53386), (9, 53401), (12, 53485),

Gene: Phrank_85 Start: 52789, Stop: 53046, Start Num: 4
Candidate Starts for Phrank_85:
(Start: 4 @52789 has 11 MA's), (6, 52852), (9, 52867), (14, 52984), (15, 53035),

Gene: Shadow1_86 Start: 53463, Stop: 53708, Start Num: 4
Candidate Starts for Shadow1_86:
(Start: 4 @53463 has 11 MA's), (6, 53526), (9, 53541), (12, 53625),

Gene: StAugustine_98 Start: 72515, Stop: 72243, Start Num: 3
Candidate Starts for StAugustine_98:
(1, 72692), (2, 72581), (Start: 3 @72515 has 2 MA's), (5, 72485), (7, 72437), (8, 72434), (11, 72404),

Gene: Sunflower1121_85 Start: 53007, Stop: 53252, Start Num: 4
Candidate Starts for Sunflower1121_85:
(Start: 4 @53007 has 11 MA's), (6, 53070), (9, 53085), (12, 53169),

Gene: Syra333_85 Start: 53352, Stop: 53609, Start Num: 4
Candidate Starts for Syra333_85:
(Start: 4 @53352 has 11 MA's), (6, 53415), (9, 53430), (14, 53547),

Gene: TClif_82 Start: 52586, Stop: 52834, Start Num: 4

Candidate Starts for TClif_82:
(Start: 4 @52586 has 11 MA's), (6, 52649), (10, 52670), (12, 52748),

Gene: Tierra_84 Start: 53203, Stop: 53460, Start Num: 4
Candidate Starts for Tierra_84:
(Start: 4 @53203 has 11 MA's), (6, 53266), (9, 53281), (12, 53365), (13, 53383), (14, 53398), (15, 53449),

Gene: Tigress9_86 Start: 53651, Stop: 53896, Start Num: 4
Candidate Starts for Tigress9_86:
(Start: 4 @53651 has 11 MA's), (6, 53714), (9, 53729), (12, 53813),

Gene: Unicorn_84 Start: 52929, Stop: 53186, Start Num: 4
Candidate Starts for Unicorn_84:
(Start: 4 @52929 has 11 MA's), (6, 52992), (9, 53007), (12, 53091), (13, 53109), (14, 53124), (15, 53175),

Gene: Ximenita_87 Start: 53676, Stop: 53933, Start Num: 4
Candidate Starts for Ximenita_87:
(Start: 4 @53676 has 11 MA's), (6, 53739), (9, 53754), (14, 53871),