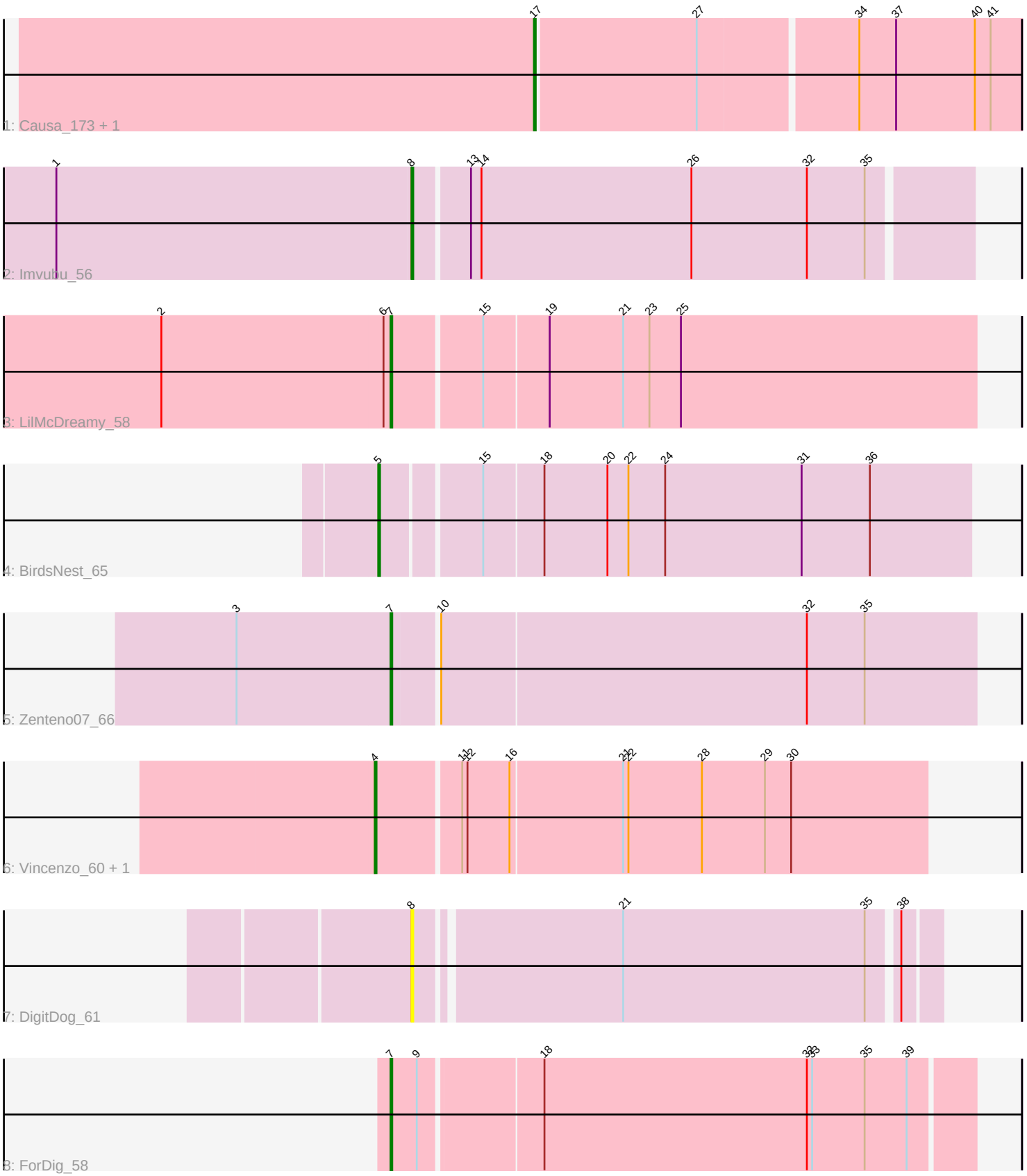
Pham 348252


17
27
34
37
40
41
1: Causa_173 + 1
1
8
13
14
26
32
35
2: Imvubu_56
2
6
7
15
19
21
23
25
3: LilMcDreamy_58
5
15
18
20
22
24
31
36
4: BirdsNest_65
3
7
10
32
35
5: Zenteno07_66
4
11
12
16
21
22
28
29
30
6: Vincenzo_60 + 1
8
21
35
38
7: DigitDog_61
7
9
18
33
35
39
8: ForDig_58

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 348252 Report

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

Pham number 348252 has 10 members, 1 are drafts.

Phages represented in each track:
• Track 1 : Causa_173, StAugustine_167
• Track 2 : Imvubu_56
• Track 3 : LilMcDreamy_58
• Track 4 : BirdsNest_65
• Track 5 : Zenteno07_66
• Track 6 : Vincenzo_60, AlanGrant_61
• Track 7 : DigitDog_61
• Track 8 : ForDig_58

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 3 of the 9 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• ForDig_58, LilMcDreamy_58, Zenteno07_66,

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

Genes that do not have the "Most Annotated" start:
• AlanGrant_61, BirdsNest_65, Causa_173, DigitDog_61, Imvubu_56, StAugustine_167, Vincenzo_60,

Summary by start number:

Start 4:
• Found in 2 of 10 (20.0%) of genes in pham
• Manual Annotations of this start: 2 of 9
• Called 100.0% of time when present
• Phage (with cluster) where this start called: AlanGrant_61 (B4), Vincenzo_60 (B4),

Start 5:
• Found in 1 of 10 (10.0%) of genes in pham

• Manual Annotations of this start: 1 of 9
• Called 100.0% of time when present
• Phage (with cluster) where this start called: BirdsNest_65 (B13),

Start 7:
• Found in 3 of 10 (30.0%) of genes in pham
• Manual Annotations of this start: 3 of 9
• Called 100.0% of time when present
• Phage (with cluster) where this start called: ForDig_58 (B6), LilMcDreamy_58 (B12), Zenteno07_66 (B13),

Start 8:
• Found in 2 of 10 (20.0%) of genes in pham
• Manual Annotations of this start: 1 of 9
• Called 100.0% of time when present
• Phage (with cluster) where this start called: DigitDog_61 (B5), Imvubu_56 (B10),

Start 17:
• Found in 2 of 10 (20.0%) of genes in pham
• Manual Annotations of this start: 2 of 9
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Causa_173 (AI), StAugustine_167 (AI),

Summary by clusters:

There are 7 clusters represented in this pham: AI, B4, B5, B6, B12, B13, B10,

Info for manual annotations of cluster AI:
•Start number 17 was manually annotated 2 times for cluster AI.

Info for manual annotations of cluster B10:
•Start number 8 was manually annotated 1 time for cluster B10.

Info for manual annotations of cluster B12:
•Start number 7 was manually annotated 1 time for cluster B12.

Info for manual annotations of cluster B13:
•Start number 5 was manually annotated 1 time for cluster B13.
•Start number 7 was manually annotated 1 time for cluster B13.

Info for manual annotations of cluster B4:
•Start number 4 was manually annotated 2 times for cluster B4.

Info for manual annotations of cluster B6:
•Start number 7 was manually annotated 1 time for cluster B6.

Gene Information:

Gene: AlanGrant_61 Start: 57173, Stop: 56865, Start Num: 4
Candidate Starts for AlanGrant_61:

(Start: 4 @57173 has 2 MA's), (11, 57128), (12, 57125), (16, 57101), (21, 57038), (22, 57035), (28, 56993), (29, 56957), (30, 56942),

Gene: BirdsNest_65 Start: 55857, Stop: 55531, Start Num: 5
Candidate Starts for BirdsNest_65:
(Start: 5 @55857 has 1 MA's), (15, 55806), (18, 55773), (20, 55737), (22, 55725), (24, 55704), (31, 55626), (36, 55587),

Gene: Causa_173 Start: 93973, Stop: 93704, Start Num: 17
Candidate Starts for Causa_173:
(Start: 17 @93973 has 2 MA's), (27, 93883), (34, 93796), (37, 93775), (40, 93730), (41, 93721),

Gene: DigitDog_61 Start: 55800, Stop: 55516, Start Num: 8
Candidate Starts for DigitDog_61:
(Start: 8 @55800 has 1 MA's), (21, 55689), (35, 55551), (38, 55536),

Gene: ForDig_58 Start: 54668, Stop: 54345, Start Num: 7
Candidate Starts for ForDig_58:
(Start: 7 @54668 has 3 MA's), (9, 54653), (18, 54587), (32, 54437), (33, 54434), (35, 54404), (39, 54380),

Gene: Imvubu_56 Start: 53913, Stop: 53602, Start Num: 8
Candidate Starts for Imvubu_56:
(1, 54114), (Start: 8 @53913 has 1 MA's), (13, 53883), (14, 53877), (26, 53757), (32, 53691), (35, 53658),

Gene: LilMcDreamy_58 Start: 55359, Stop: 55033, Start Num: 7
Candidate Starts for LilMcDreamy_58:
(2, 55488), (6, 55362), (Start: 7 @55359 has 3 MA's), (15, 55311), (19, 55275), (21, 55233), (23, 55218), (25, 55200),

Gene: StAugustine_167 Start: 93957, Stop: 93688, Start Num: 17
Candidate Starts for StAugustine_167:
(Start: 17 @93957 has 2 MA's), (27, 93867), (34, 93780), (37, 93759), (40, 93714), (41, 93705),

Gene: Vincenzo_60 Start: 57203, Stop: 56895, Start Num: 4
Candidate Starts for Vincenzo_60:
(Start: 4 @57203 has 2 MA's), (11, 57158), (12, 57155), (16, 57131), (21, 57068), (22, 57065), (28, 57023), (29, 56987), (30, 56972),

Gene: Zenteno07_66 Start: 55753, Stop: 55427, Start Num: 7
Candidate Starts for Zenteno07_66:
(3, 55840), (Start: 7 @55753 has 3 MA's), (10, 55729), (32, 55522), (35, 55489),