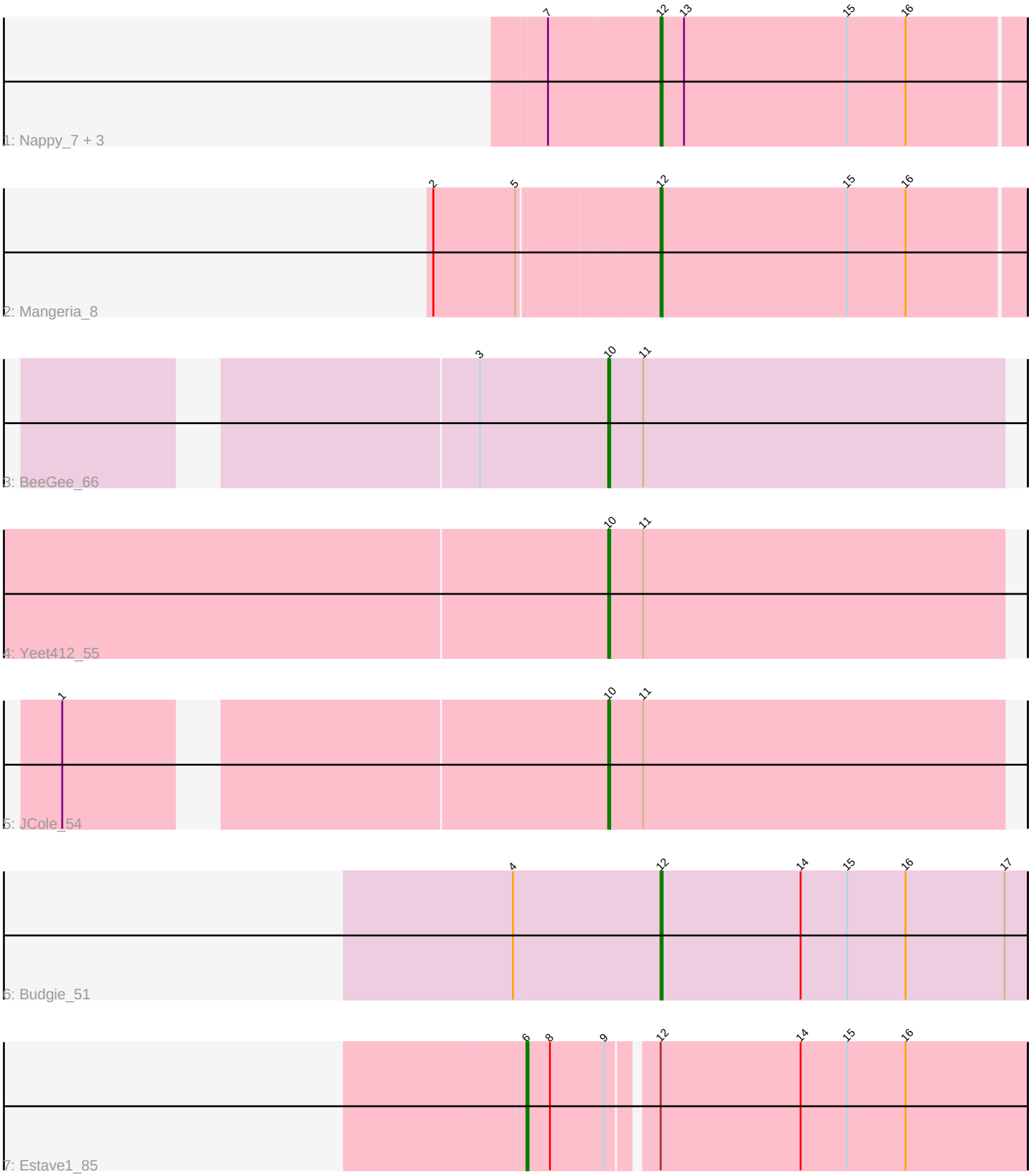
Pham 348267


7
12
13
15
16
1: Nappy_7 + 3
2
5
12
15
16
2: Mangeria_8
3
10
11
3: BeeGee_66
10
11
4: Yeet412_55
1
10
11
5: JCole_54
4
12
14
15
16
17
6: Budgie_51
6
8
9
12
14
15
16
7: Estave1_85

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 348267 Report

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

Pham number 348267 has 10 members, 3 are drafts.

Phages represented in each track:
• Track 1 : Nappy_7, Montpel_6, Lunareta_6, Maturis_7
• Track 2 : Mangeria_8
• Track 3 : BeeGee_66
• Track 4 : Yeet412_55
• Track 5 : JCole_54
• Track 6 : Budgie_51
• Track 7 : Estave1_85

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

The start number called the most often in the published annotations is 10, it was called in 3 of the 7 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• BeeGee_66, JCole_54, Yeet412_55,

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

Genes that do not have the "Most Annotated" start:
• Budgie_51, Estave1_85, Lunareta_6, Mangeria_8, Maturis_7, Montpel_6, Nappy_7,

Summary by start number:

Start 6:
• Found in 1 of 10 (10.0%) of genes in pham
• Manual Annotations of this start: 1 of 7
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Estave1_85 (F1),

Start 10:
• Found in 3 of 10 (30.0%) of genes in pham
• Manual Annotations of this start: 3 of 7
• Called 100.0% of time when present

• Phage (with cluster) where this start called: BeeGee_66 (CY5), JCole_54 (CZ2), Yeet412_55 (CZ2),

Start 12:
• Found in 7 of 10 (70.0%) of genes in pham
• Manual Annotations of this start: 3 of 7
• Called 85.7% of time when present
• Phage (with cluster) where this start called: Budgie_51 (E), Lunareta_6 (C1), Mangeria_8 (C1), Maturis_7 (C1), Montpel_6 (C1), Nappy_7 (C1),

Summary by clusters:

There are 5 clusters represented in this pham: CZ2, F1, C1, E, CY5,

Info for manual annotations of cluster C1:
•Start number 12 was manually annotated 2 times for cluster C1.

Info for manual annotations of cluster CY5:
•Start number 10 was manually annotated 1 time for cluster CY5.

Info for manual annotations of cluster CZ2:
•Start number 10 was manually annotated 2 times for cluster CZ2.

Info for manual annotations of cluster E:
•Start number 12 was manually annotated 1 time for cluster E.

Info for manual annotations of cluster F1:
•Start number 6 was manually annotated 1 time for cluster F1.

Gene Information:

Gene: BeeGee_66 Start: 43454, Stop: 43657, Start Num: 10
Candidate Starts for BeeGee_66:
(3, 43388), (Start: 10 @43454 has 3 MA's), (11, 43472),

Gene: Budgie_51 Start: 36264, Stop: 36076, Start Num: 12
Candidate Starts for Budgie_51:
(4, 36339), (Start: 12 @36264 has 3 MA's), (14, 36192), (15, 36168), (16, 36138), (17, 36087),

Gene: Estave1_85 Start: 51671, Stop: 51919, Start Num: 6
Candidate Starts for Estave1_85:
(Start: 6 @51671 has 1 MA's), (8, 51683), (9, 51710), (Start: 12 @51731 has 3 MA's), (14, 51803), (15, 51827), (16, 51857),

Gene: JCole_54 Start: 36325, Stop: 36528, Start Num: 10
Candidate Starts for JCole_54:
(1, 36070), (Start: 10 @36325 has 3 MA's), (11, 36343),

Gene: Lunareta_6 Start: 1999, Stop: 2184, Start Num: 12
Candidate Starts for Lunareta_6:
(7, 1942), (Start: 12 @1999 has 3 MA's), (13, 2011), (15, 2095), (16, 2125),

Gene: Mangeria_8 Start: 2556, Stop: 2741, Start Num: 12
Candidate Starts for Mangeria_8:
(2, 2448), (5, 2490), (Start: 12 @2556 has 3 MA's), (15, 2652), (16, 2682),

Gene: Maturis_7 Start: 1999, Stop: 2184, Start Num: 12
Candidate Starts for Maturis_7:
(7, 1942), (Start: 12 @1999 has 3 MA's), (13, 2011), (15, 2095), (16, 2125),

Gene: Montpel_6 Start: 1999, Stop: 2184, Start Num: 12
Candidate Starts for Montpel_6:
(7, 1942), (Start: 12 @1999 has 3 MA's), (13, 2011), (15, 2095), (16, 2125),

Gene: Nappy_7 Start: 2340, Stop: 2525, Start Num: 12
Candidate Starts for Nappy_7:
(7, 2283), (Start: 12 @2340 has 3 MA's), (13, 2352), (15, 2436), (16, 2466),

Gene: Yeet412_55 Start: 38542, Stop: 38745, Start Num: 10
Candidate Starts for Yeet412_55:
(Start: 10 @38542 has 3 MA's), (11, 38560),