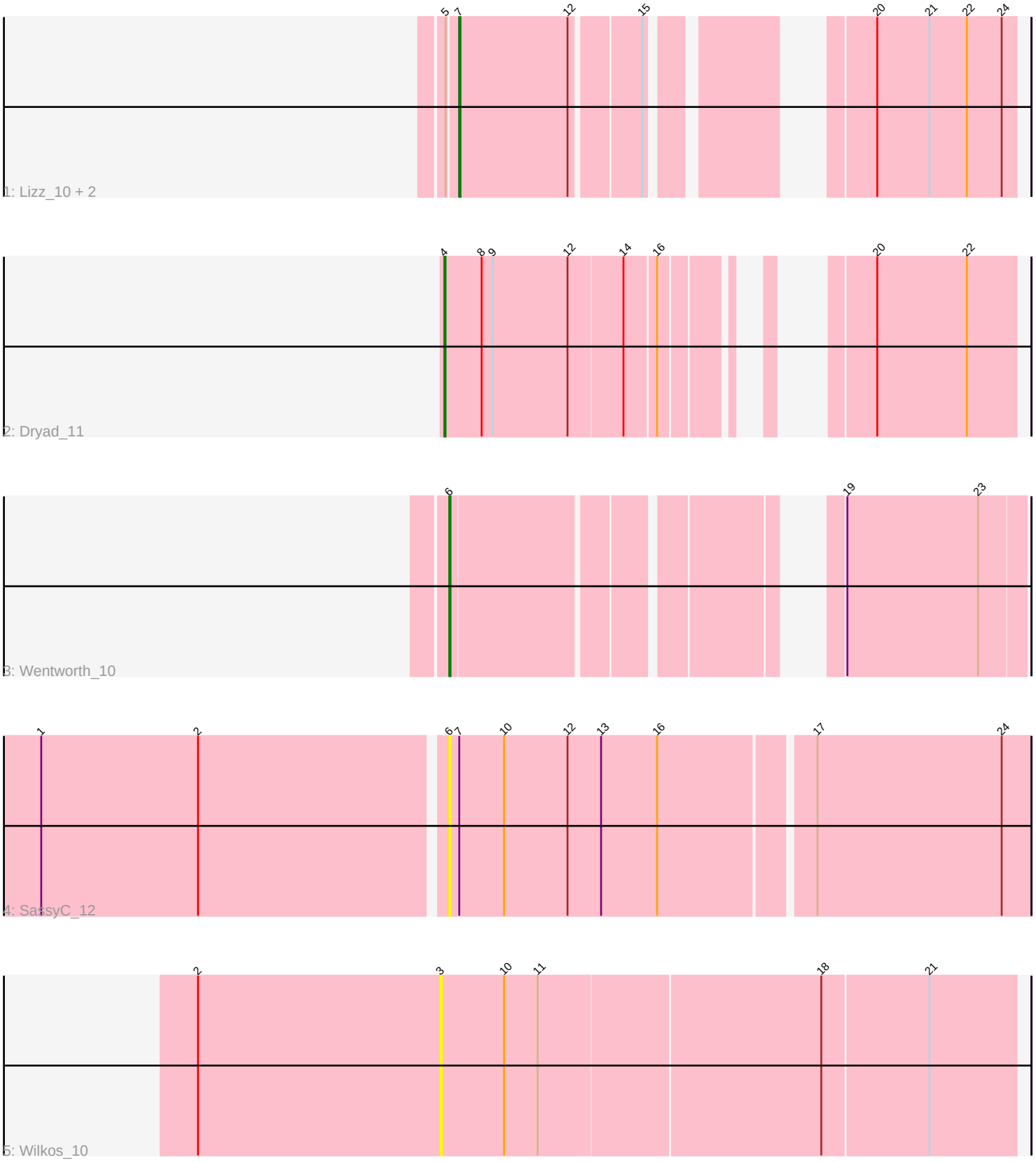
Pham 331621


5
7
12
15
20
21
22
24
1: Lizz_10 + 2
4
8
9
12
14
16
20
22
2: Dryad_11
6
19
23
3: Wentworth_10
1
2
6
7
10
12
13
16
17
24
4: SassyC_12
2
3
10
11
18
21
5: Wilkos_10

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 331621 Report

This analysis was run 09/05/26 on database version 662.

Pham number 331621 has 7 members, 2 are drafts.

Phages represented in each track:
• Track 1 : Lizz_10, PHTowN_10, ShakeNBake_10
• Track 2 : Dryad_11
• Track 3 : Wentworth_10
• Track 4 : SassyC_12
• Track 5 : Wilkos_10

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 5 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Lizz_10, PHTowN_10, ShakeNBake_10,

Genes that have the "Most Annotated" start but do not call it:
• SassyC_12,

Genes that do not have the "Most Annotated" start:
• Dryad_11, Wentworth_10, Wilkos_10,

Summary by start number:

Start 3:
• Found in 1 of 7 (14.3%) of genes in pham
• No Manual Annotations of this start.
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Wilkos_10 (BN),

Start 4:
• Found in 1 of 7 (14.3%) of genes in pham
• Manual Annotations of this start: 1 of 5
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Dryad_11 (BN),

Start 6:
• Found in 2 of 7 (28.6%) of genes in pham
• Manual Annotations of this start: 1 of 5
• Called 100.0% of time when present
• Phage (with cluster) where this start called: SassyC_12 (BN), Wentworth_10 (BN),

Start 7:
• Found in 4 of 7 (57.1%) of genes in pham
• Manual Annotations of this start: 3 of 5
• Called 75.0% of time when present
• Phage (with cluster) where this start called: Lizz_10 (BN), PHTowN_10 (BN), ShakeNBake_10 (BN),

Summary by clusters:

There is one cluster represented in this pham: BN

Info for manual annotations of cluster BN:
•Start number 4 was manually annotated 1 time for cluster BN.
•Start number 6 was manually annotated 1 time for cluster BN.
•Start number 7 was manually annotated 3 times for cluster BN.

Gene Information:

Gene: Dryad_11 Start: 6314, Stop: 6685, Start Num: 4
Candidate Starts for Dryad_11:
(Start: 4 @6314 has 1 MA's), (8, 6344), (9, 6353), (12, 6413), (14, 6455), (16, 6479), (20, 6575), (22, 6647),

Gene: Lizz_10 Start: 6057, Stop: 6431, Start Num: 7
Candidate Starts for Lizz_10:
(5, 6051), (Start: 7 @6057 has 3 MA's), (12, 6144), (15, 6195), (20, 6321), (21, 6363), (22, 6393), (24, 6420),

Gene: PHTowN_10 Start: 6057, Stop: 6431, Start Num: 7
Candidate Starts for PHTowN_10:
(5, 6051), (Start: 7 @6057 has 3 MA's), (12, 6144), (15, 6195), (20, 6321), (21, 6363), (22, 6393), (24, 6420),

Gene: SassyC_12 Start: 5989, Stop: 6441, Start Num: 6
Candidate Starts for SassyC_12:
(1, 5671), (2, 5797), (Start: 6 @5989 has 1 MA's), (Start: 7 @5995 has 3 MA's), (10, 6031), (12, 6082), (13, 6109), (16, 6154), (17, 6271), (24, 6418),

Gene: ShakeNBake_10 Start: 6057, Stop: 6431, Start Num: 7
Candidate Starts for ShakeNBake_10:
(5, 6051), (Start: 7 @6057 has 3 MA's), (12, 6144), (15, 6195), (20, 6321), (21, 6363), (22, 6393), (24, 6420),

Gene: Wentworth_10 Start: 5831, Stop: 6223, Start Num: 6
Candidate Starts for Wentworth_10:

(Start: 6 @5831 has 1 MA's), (19, 6083), (23, 6188),

Gene: Wilkos_10 Start: 5937, Stop: 6389, Start Num: 3
Candidate Starts for Wilkos_10:
(2, 5742), (3, 5937), (10, 5988), (11, 6015), (18, 6237), (21, 6321),