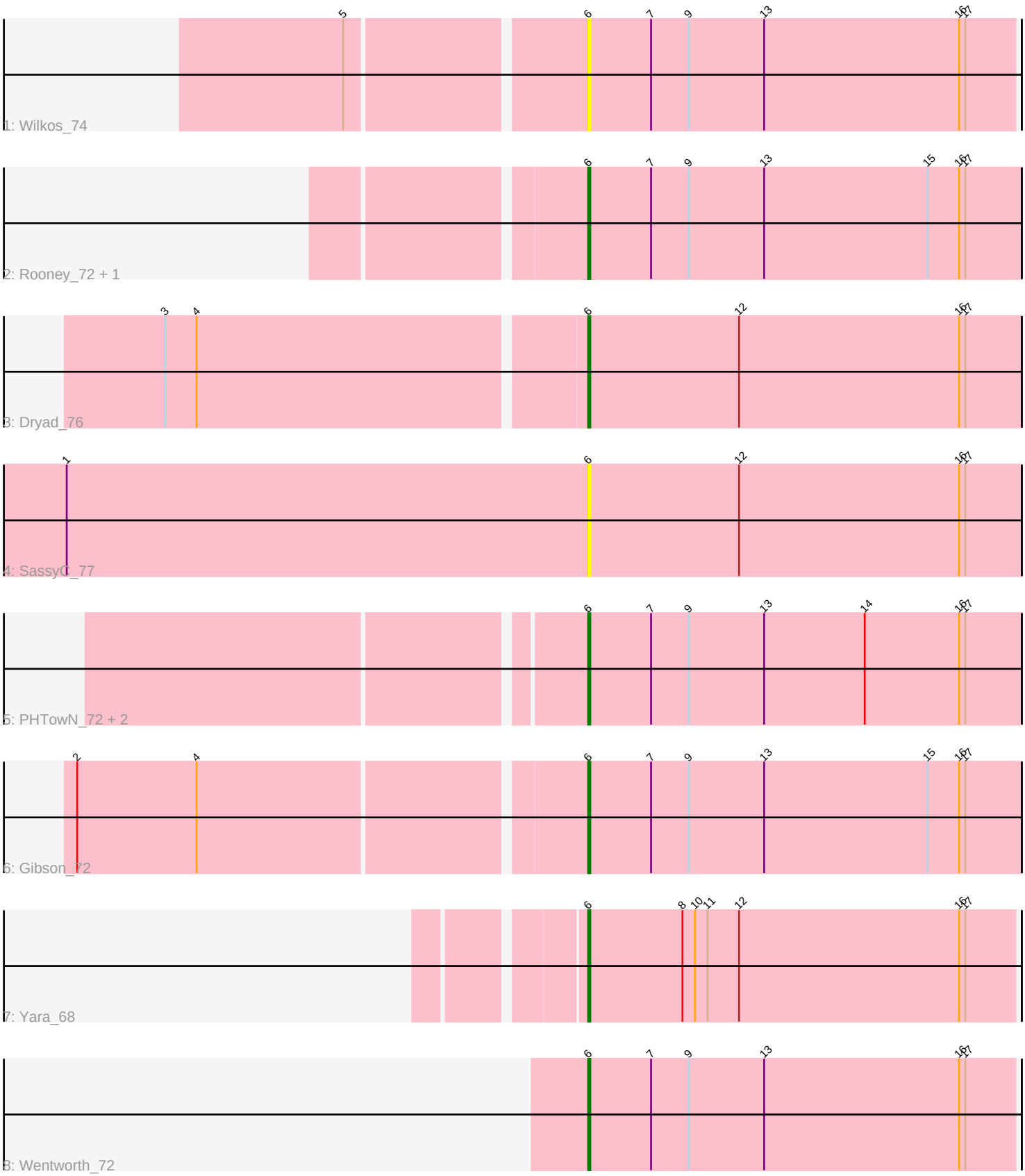
Pham 346357


5
6
7
9
13
16
17
1: Wilkos_74
6
7
9
13
15
16
17
2: Rooney_72 + 1
3
4
6
12
16
17
3: Dryad_76
1
6
12
16
17
4: SassyG_77
6
7
9
13
14
16
17
5: PHTowN_72 + 2
2
4
6
7
9
13
15
16
17
6: Gibson_72
6
8
10
11
12
16
17
7: Yara_68
6
7
9
13
16
17
8: Wentworth_72

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 346357 Report

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

Pham number 346357 has 11 members, 3 are drafts.

Phages represented in each track:
• Track 1 : Wilkos_74
• Track 2 : Rooney_72, Virizion_77
• Track 3 : Dryad_76
• Track 4 : SassyC_77
• Track 5 : PHTowN_72, Lizz_72, ShakeNBake_72
• Track 6 : Gibson_72
• Track 7 : Yara_68
• Track 8 : Wentworth_72

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

The start number called the most often in the published annotations is 6, it was called in 8 of the 8 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Dryad_76, Gibson_72, Lizz_72, PHTowN_72, Rooney_72, SassyC_77, ShakeNBake_72, Virizion_77, Wentworth_72, Wilkos_74, Yara_68,

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 6:
• Found in 11 of 11 (100.0%) of genes in pham
• Manual Annotations of this start: 8 of 8
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Dryad_76 (BN), Gibson_72 (BN), Lizz_72 (BN), PHTowN_72 (BN), Rooney_72 (BN), SassyC_77 (BN), ShakeNBake_72 (BN), Virizion_77 (BN), Wentworth_72 (BN), Wilkos_74 (BN), Yara_68 (BN),

Summary by clusters:

There is one cluster represented in this pham: BN

Info for manual annotations of cluster BN:
•Start number 6 was manually annotated 8 times for cluster BN.

Gene Information:

Gene: Dryad_76 Start: 51677, Stop: 51471, Start Num: 6
Candidate Starts for Dryad_76:
(3, 51872), (4, 51857), (Start: 6 @51677 has 8 MA's), (12, 51605), (16, 51500), (17, 51497),

Gene: Gibson_72 Start: 50924, Stop: 50718, Start Num: 6
Candidate Starts for Gibson_72:
(2, 51158), (4, 51101), (Start: 6 @50924 has 8 MA's), (7, 50894), (9, 50876), (13, 50840), (15, 50762), (16, 50747), (17, 50744),

Gene: Lizz_72 Start: 50764, Stop: 50558, Start Num: 6
Candidate Starts for Lizz_72:
(Start: 6 @50764 has 8 MA's), (7, 50734), (9, 50716), (13, 50680), (14, 50632), (16, 50587), (17, 50584),

Gene: PHTowN_72 Start: 50762, Stop: 50556, Start Num: 6
Candidate Starts for PHTowN_72:
(Start: 6 @50762 has 8 MA's), (7, 50732), (9, 50714), (13, 50678), (14, 50630), (16, 50585), (17, 50582),

Gene: Rooney_72 Start: 50900, Stop: 50694, Start Num: 6
Candidate Starts for Rooney_72:
(Start: 6 @50900 has 8 MA's), (7, 50870), (9, 50852), (13, 50816), (15, 50738), (16, 50723), (17, 50720),

Gene: SassyC_77 Start: 51833, Stop: 51627, Start Num: 6
Candidate Starts for SassyC_77:
(1, 52082), (Start: 6 @51833 has 8 MA's), (12, 51761), (16, 51656), (17, 51653),

Gene: ShakeNBake_72 Start: 50789, Stop: 50583, Start Num: 6
Candidate Starts for ShakeNBake_72:
(Start: 6 @50789 has 8 MA's), (7, 50759), (9, 50741), (13, 50705), (14, 50657), (16, 50612), (17, 50609),

Gene: Virizion_77 Start: 51120, Stop: 50914, Start Num: 6
Candidate Starts for Virizion_77:
(Start: 6 @51120 has 8 MA's), (7, 51090), (9, 51072), (13, 51036), (15, 50958), (16, 50943), (17, 50940),

Gene: Wentworth_72 Start: 50890, Stop: 50687, Start Num: 6
Candidate Starts for Wentworth_72:
(Start: 6 @50890 has 8 MA's), (7, 50860), (9, 50842), (13, 50806), (16, 50713), (17, 50710),

Gene: Wilkos_74 Start: 51053, Stop: 50850, Start Num: 6
Candidate Starts for Wilkos_74:
(5, 51161), (Start: 6 @51053 has 8 MA's), (7, 51023), (9, 51005), (13, 50969), (16, 50876), (17, 50873),

Gene: Yara_68 Start: 49717, Stop: 49514, Start Num: 6
Candidate Starts for Yara_68:
(Start: 6 @49717 has 8 MA's), (8, 49672), (10, 49666), (11, 49660), (12, 49645), (16, 49540), (17, 49537),