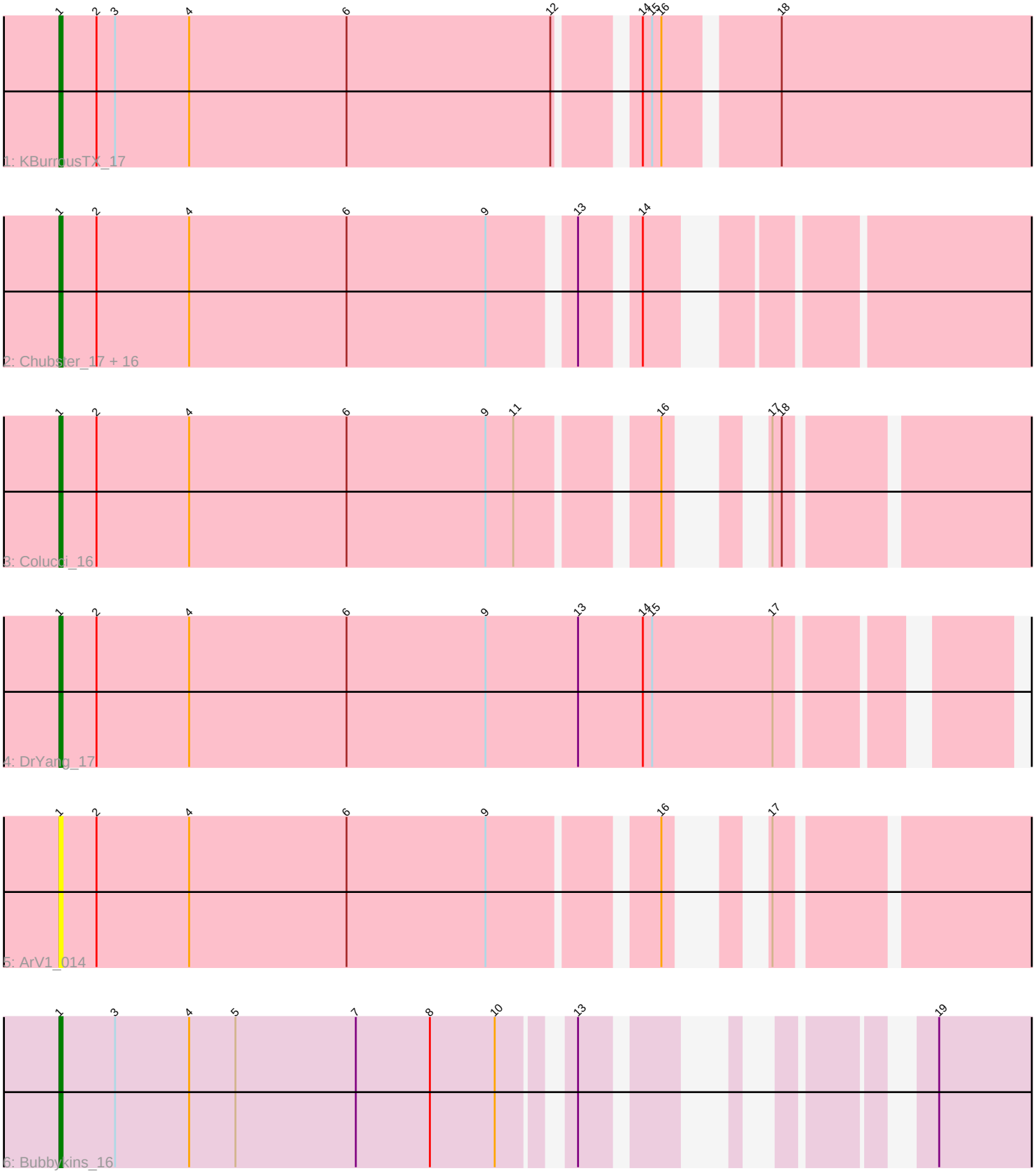
Pham 348035


1
2
3
4
6
12
14
15
16
18
1: KBurrousTX_17
1
2
4
6
9
13
14
2: Chubster_17 + 16
1
2
4
6
9
11
16
17
18
3: Colucci_16
1
2
4
6
9
13
14
15
17
4: DrYang_17
1
2
4
6
9
16
17
5: ArV1_014
1
3
4
5
7
8
10
13
19
6: Bubbykins_16

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 348035 Report

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

Pham number 348035 has 22 members, 2 are drafts.

Phages represented in each track:
• Track 1 : KBurrousTX_17
• Track 2 : Chubster_17, Lymara_17, RosiePosie_17, Chipper1996_170, EdgarPoe_17, Mordred_17, Linus_17, Tophat_17, HumptyDumpty_17, JayCookie_17, MoyaNatalis_17, Chocolat_17, Kabreeze_17, Conboy_17, PrincessTrina_17, JaNo_17, Scavito_17
• Track 3 : Colucci_16
• Track 4 : DrYang_17
• Track 5 : ArV1_014
• Track 6 : Bubbykins_16

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

The start number called the most often in the published annotations is 1, it was called in 20 of the 20 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• ArV1_014, Bubbykins_16, Chipper1996_170, Chocolat_17, Chubster_17, Colucci_16, Conboy_17, DrYang_17, EdgarPoe_17, HumptyDumpty_17, JaNo_17, JayCookie_17, KBurrousTX_17, Kabreeze_17, Linus_17, Lymara_17, Mordred_17, MoyaNatalis_17, PrincessTrina_17, RosiePosie_17, Scavito_17, Tophat_17,

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 1:
• Found in 22 of 22 (100.0%) of genes in pham
• Manual Annotations of this start: 20 of 20
• Called 100.0% of time when present

• Phage (with cluster) where this start called: ArV1_014 (AR), Bubbykins_16 (UNK), Chipper1996_170 (AR), Chocolat_17 (AR), Chubster_17 (AR), Colucci_16 (AR), Conboy_17 (AR), DrYang_17 (AR), EdgarPoe_17 (AR), HumptyDumpty_17 (AR), JaNo_17 (AR), JayCookie_17 (AR), KBurrousTX_17 (AR), Kabreeze_17 (AR), Linus_17 (AR), Lymara_17 (AR), Mordred_17 (AR), MoyaNatalis_17 (AR), PrincessTrina_17 (AR), RosiePosie_17 (AR), Scavito_17 (AR), Tophat_17 (AR),

Summary by clusters:

There are 2 clusters represented in this pham: UNK, AR,

Info for manual annotations of cluster AR:
•Start number 1 was manually annotated 19 times for cluster AR.

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

Gene Information:

Gene: ArV1_014 Start: 10967, Stop: 11242, Start Num: 1
Candidate Starts for ArV1_014:
(Start: 1 @10967 has 20 MA's), (2, 10979), (4, 11009), (6, 11060), (9, 11105), (16, 11153), (17, 11165),

Gene: Bubbykins_16 Start: 12184, Stop: 12444, Start Num: 1
Candidate Starts for Bubbykins_16:
(Start: 1 @12184 has 20 MA's), (3, 12202), (4, 12226), (5, 12241), (7, 12280), (8, 12304), (10, 12325), (13, 12343), (19, 12412),

Gene: Chipper1996_170 Start: 12616, Stop: 12897, Start Num: 1
Candidate Starts for Chipper1996_170:
(Start: 1 @12616 has 20 MA's), (2, 12628), (4, 12658), (6, 12709), (9, 12754), (13, 12778), (14, 12793),

Gene: Chocolat_17 Start: 12617, Stop: 12898, Start Num: 1
Candidate Starts for Chocolat_17:
(Start: 1 @12617 has 20 MA's), (2, 12629), (4, 12659), (6, 12710), (9, 12755), (13, 12779), (14, 12794),

Gene: Chubster_17 Start: 12387, Stop: 12668, Start Num: 1
Candidate Starts for Chubster_17:
(Start: 1 @12387 has 20 MA's), (2, 12399), (4, 12429), (6, 12480), (9, 12525), (13, 12549), (14, 12564),

Gene: Colucci_16 Start: 12118, Stop: 12393, Start Num: 1
Candidate Starts for Colucci_16:
(Start: 1 @12118 has 20 MA's), (2, 12130), (4, 12160), (6, 12211), (9, 12256), (11, 12265), (16, 12304), (17, 12316), (18, 12319),

Gene: Conboy_17 Start: 12615, Stop: 12896, Start Num: 1
Candidate Starts for Conboy_17:
(Start: 1 @12615 has 20 MA's), (2, 12627), (4, 12657), (6, 12708), (9, 12753), (13, 12777), (14, 12792),

Gene: DrYang_17 Start: 12571, Stop: 12864, Start Num: 1
Candidate Starts for DrYang_17:

(Start: 1 @12571 has 20 MA's), (2, 12583), (4, 12613), (6, 12664), (9, 12709), (13, 12739), (14, 12760), (15, 12763), (17, 12802),

Gene: EdgarPoe_17 Start: 12615, Stop: 12896, Start Num: 1
Candidate Starts for EdgarPoe_17:
(Start: 1 @12615 has 20 MA's), (2, 12627), (4, 12657), (6, 12708), (9, 12753), (13, 12777), (14, 12792),

Gene: HumptyDumpty_17 Start: 12614, Stop: 12895, Start Num: 1
Candidate Starts for HumptyDumpty_17:
(Start: 1 @12614 has 20 MA's), (2, 12626), (4, 12656), (6, 12707), (9, 12752), (13, 12776), (14, 12791),

Gene: JaNo_17 Start: 12614, Stop: 12895, Start Num: 1
Candidate Starts for JaNo_17:
(Start: 1 @12614 has 20 MA's), (2, 12626), (4, 12656), (6, 12707), (9, 12752), (13, 12776), (14, 12791),

Gene: JayCookie_17 Start: 12617, Stop: 12898, Start Num: 1
Candidate Starts for JayCookie_17:
(Start: 1 @12617 has 20 MA's), (2, 12629), (4, 12659), (6, 12710), (9, 12755), (13, 12779), (14, 12794),

Gene: KBurrousTX_17 Start: 12394, Stop: 12696, Start Num: 1
Candidate Starts for KBurrousTX_17:
(Start: 1 @12394 has 20 MA's), (2, 12406), (3, 12412), (4, 12436), (6, 12487), (12, 12553), (14, 12574), (15, 12577), (16, 12580), (18, 12613),

Gene: Kabreeze_17 Start: 12614, Stop: 12895, Start Num: 1
Candidate Starts for Kabreeze_17:
(Start: 1 @12614 has 20 MA's), (2, 12626), (4, 12656), (6, 12707), (9, 12752), (13, 12776), (14, 12791),

Gene: Linus_17 Start: 12614, Stop: 12895, Start Num: 1
Candidate Starts for Linus_17:
(Start: 1 @12614 has 20 MA's), (2, 12626), (4, 12656), (6, 12707), (9, 12752), (13, 12776), (14, 12791),

Gene: Lymara_17 Start: 12616, Stop: 12897, Start Num: 1
Candidate Starts for Lymara_17:
(Start: 1 @12616 has 20 MA's), (2, 12628), (4, 12658), (6, 12709), (9, 12754), (13, 12778), (14, 12793),

Gene: Mordred_17 Start: 12614, Stop: 12895, Start Num: 1
Candidate Starts for Mordred_17:
(Start: 1 @12614 has 20 MA's), (2, 12626), (4, 12656), (6, 12707), (9, 12752), (13, 12776), (14, 12791),

Gene: MoyaNatalis_17 Start: 12617, Stop: 12898, Start Num: 1
Candidate Starts for MoyaNatalis_17:
(Start: 1 @12617 has 20 MA's), (2, 12629), (4, 12659), (6, 12710), (9, 12755), (13, 12779), (14, 12794),

Gene: PrincessTrina_17 Start: 12617, Stop: 12898, Start Num: 1
Candidate Starts for PrincessTrina_17:
(Start: 1 @12617 has 20 MA's), (2, 12629), (4, 12659), (6, 12710), (9, 12755), (13, 12779), (14, 12794),

Gene: RosiePosie_17 Start: 12617, Stop: 12898, Start Num: 1
Candidate Starts for RosiePosie_17:
(Start: 1 @12617 has 20 MA's), (2, 12629), (4, 12659), (6, 12710), (9, 12755), (13, 12779), (14, 12794),

Gene: Scavito_17 Start: 12614, Stop: 12895, Start Num: 1

Candidate Starts for Scavito_17:
(Start: 1 @12614 has 20 MA's), (2, 12626), (4, 12656), (6, 12707), (9, 12752), (13, 12776), (14, 12791),

Gene: Tophat_17 Start: 12616, Stop: 12897, Start Num: 1
Candidate Starts for Tophat_17:
(Start: 1 @12616 has 20 MA's), (2, 12628), (4, 12658), (6, 12709), (9, 12754), (13, 12778), (14, 12793),