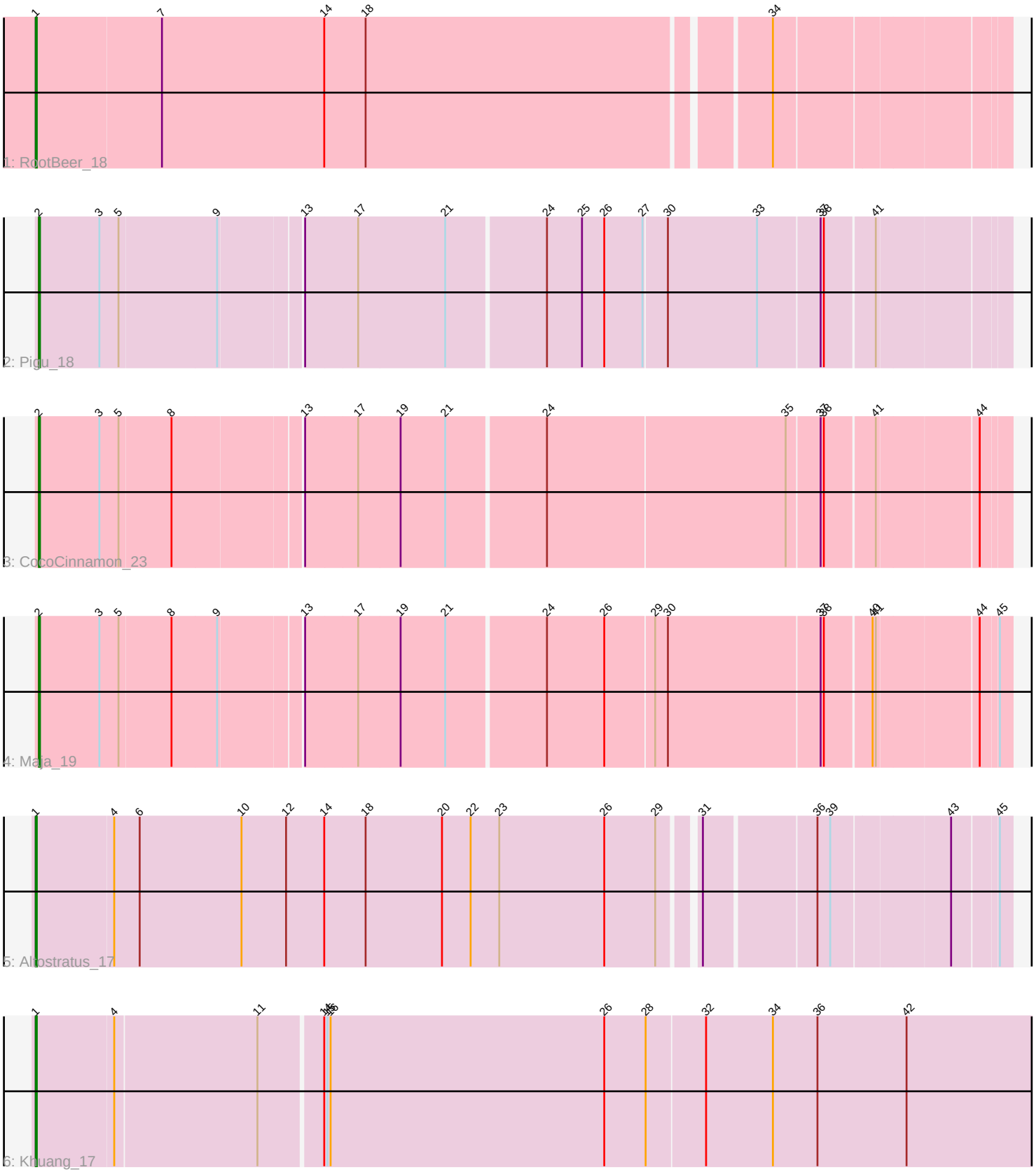
Pham 346547


1: RootBeer_18
2: Pigu_18
3: CocoCinnamon_23
4: Maja_19
5: Alpostratus_17
6: Khuang_17

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 346547 Report

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

Pham number 346547 has 6 members, 0 are drafts.

Phages represented in each track:
• Track 1 : RootBeer_18
• Track 2 : Pigu_18
• Track 3 : CocoCinnamon_23
• Track 4 : Maja_19
• Track 5 : Altostratus_17
• Track 6 : Khuang_17

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

The start number called the most often in the published annotations is 2, it was called in 3 of the 6 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• CocoCinnamon_23, Maja_19, Pigu_18,

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

Genes that do not have the "Most Annotated" start:
• Altostratus_17, Khuang_17, RootBeer_18,

Summary by start number:

Start 1:
• Found in 3 of 6 (50.0%) of genes in pham
• Manual Annotations of this start: 3 of 6
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Altostratus_17 (FS), Khuang_17 (FS), RootBeer_18 (FA),

Start 2:
• Found in 3 of 6 (50.0%) of genes in pham
• Manual Annotations of this start: 3 of 6
• Called 100.0% of time when present

• Phage (with cluster) where this start called: CocoCinnamon_23 (FO), Maja_19 (FO), Pigu_18 (FB),

Summary by clusters:

There are 4 clusters represented in this pham: FA, FB, FS, FO,

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

Info for manual annotations of cluster FB:
•Start number 2 was manually annotated 1 time for cluster FB.

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

Info for manual annotations of cluster FS:
•Start number 1 was manually annotated 2 times for cluster FS.

Gene Information:

Gene: Altostratus_17 Start: 14961, Stop: 15839, Start Num: 1
Candidate Starts for Altostratus_17:
(Start: 1 @14961 has 3 MA's), (4, 15033), (6, 15057), (10, 15153), (12, 15195), (14, 15231), (18, 15270), (20, 15342), (22, 15369), (23, 15396), (26, 15495), (29, 15543), (31, 15573), (36, 15672), (39, 15684), (43, 15789), (45, 15828),

Gene: CocoCinnamon_23 Start: 16841, Stop: 17713, Start Num: 2
Candidate Starts for CocoCinnamon_23:
(Start: 2 @16841 has 3 MA's), (3, 16898), (5, 16916), (8, 16964), (13, 17078), (17, 17126), (19, 17165), (21, 17207), (24, 17297), (35, 17519), (37, 17549), (38, 17552), (41, 17597), (44, 17687),

Gene: Khuang_17 Start: 15075, Stop: 16058, Start Num: 1
Candidate Starts for Khuang_17:
(Start: 1 @15075 has 3 MA's), (4, 15147), (11, 15279), (14, 15336), (15, 15339), (16, 15342), (26, 15600), (28, 15639), (32, 15693), (34, 15756), (36, 15798), (42, 15882),

Gene: Maja_19 Start: 15817, Stop: 16689, Start Num: 2
Candidate Starts for Maja_19:
(Start: 2 @15817 has 3 MA's), (3, 15874), (5, 15892), (8, 15940), (9, 15982), (13, 16054), (17, 16102), (19, 16141), (21, 16183), (24, 16273), (26, 16327), (29, 16372), (30, 16384), (37, 16525), (38, 16528), (40, 16570), (41, 16573), (44, 16663), (45, 16678),

Gene: Pigu_18 Start: 14906, Stop: 15778, Start Num: 2
Candidate Starts for Pigu_18:
(Start: 2 @14906 has 3 MA's), (3, 14963), (5, 14981), (9, 15071), (13, 15143), (17, 15191), (21, 15272), (24, 15362), (25, 15395), (26, 15416), (27, 15452), (30, 15473), (33, 15557), (37, 15614), (38, 15617), (41, 15662),

Gene: RootBeer_18 Start: 15296, Stop: 16174, Start Num: 1
Candidate Starts for RootBeer_18:

(Start: 1 @15296 has 3 MA's), (7, 15413), (14, 15566), (18, 15605), (34, 15968),