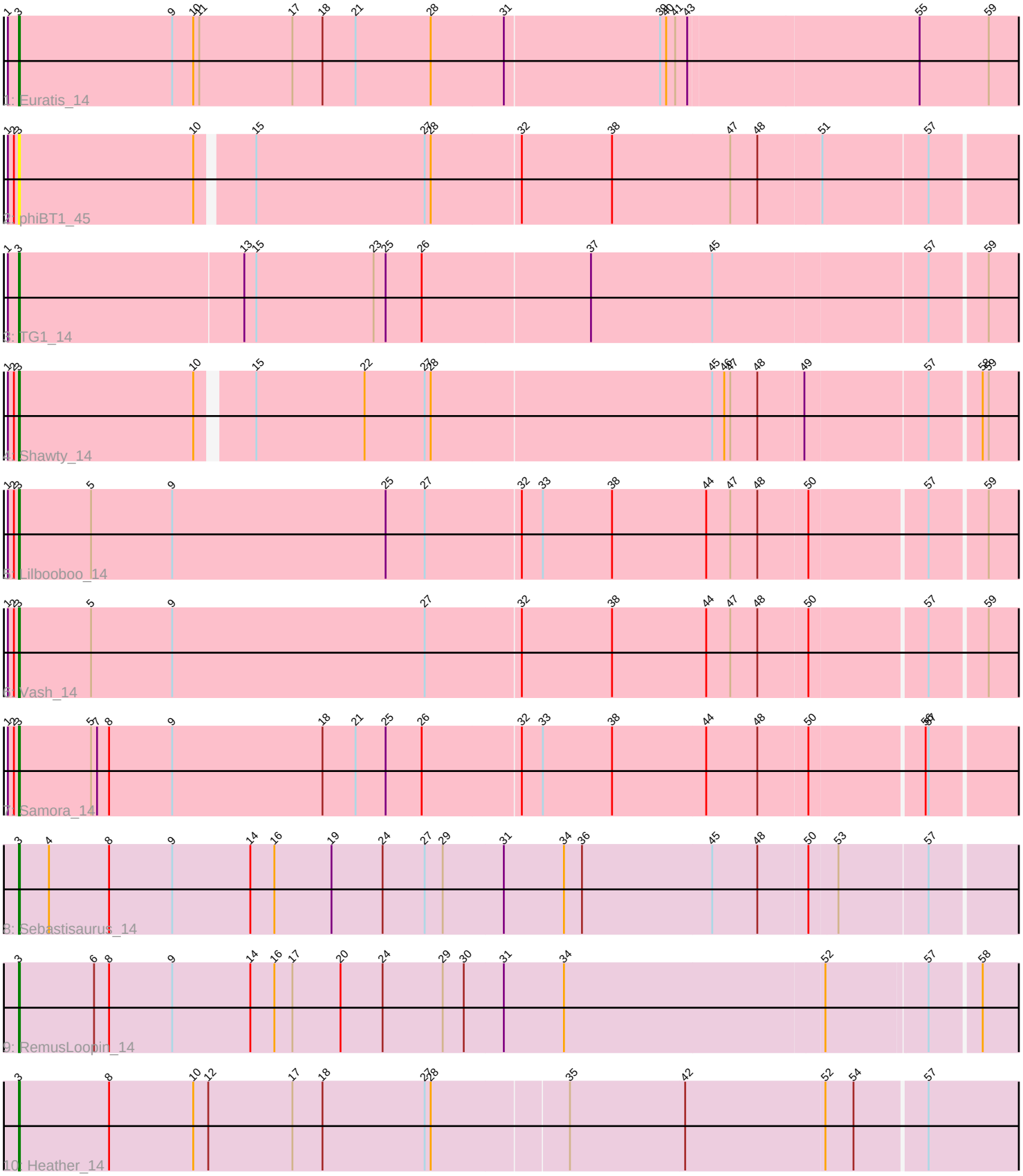
Pham 335508


1: Euratis_14
2: phiBT1_45
3: TG1_14
4: Shawty_14
5: Lilbooboo_14
6: Wash_14
7: Samora_14
8: Sebastisaurus_14
9: RemusLoopin_14
10: Heather_14

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 335508 Report

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

WARNING: Pham size does not match number of genes in report. Either unphamerated genes have been added (by you) or starterator has removed genes due to invalid start codon.

Pham number 335508 has 10 members, 1 are drafts.

Phages represented in each track:
- Track 1 : Euratis_14
- Track 2 : phiBT1_45
- Track 3 : TG1_14
- Track 4 : Shawty_14
- Track 5 : Lilbooboo_14
- Track 6 : Vash_14
- Track 7 : Samora_14
- Track 8 : Sebastisaurus_14
- Track 9 : RemusLoopin_14
- Track 10 : Heather_14

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

The start number called the most often in the published annotations is 3, it was called in 9 of the 9 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
- Euratis_14, Heather_14, Lilbooboo_14, RemusLoopin_14, Samora_14, Sebastisaurus_14, Shawty_14, TG1_14, Vash_14, phiBT1_45,

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 3:
- Found in 10 of 10 (100.0%) of genes in pham

• Manual Annotations of this start: 9 of 9
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Euratis_14 (BB1), Heather_14 (BB2), Lilbooboo_14 (BB1), RemusLoopin_14 (BB2), Samora_14 (BB1), Sebastisaurus_14 (BB2), Shawty_14 (BB1), TG1_14 (BB1), Vash_14 (BB1), phiBT1_45 (BB1),

Summary by clusters:

There are 2 clusters represented in this pham: BB2, BB1,

Info for manual annotations of cluster BB1:
•Start number 3 was manually annotated 6 times for cluster BB1.

Info for manual annotations of cluster BB2:
•Start number 3 was manually annotated 3 times for cluster BB2.

Gene Information:

Gene: Euratis_14 Start: 11323, Stop: 12318, Start Num: 3
Candidate Starts for Euratis_14:
(1, 11314), (Start: 3 @11323 has 9 MA's), (9, 11476), (10, 11497), (11, 11503), (17, 11596), (18, 11626), (21, 11659), (28, 11734), (31, 11806), (39, 11959), (40, 11965), (41, 11974), (43, 11986), (55, 12211), (59, 12280),

Gene: Heather_14 Start: 11312, Stop: 12304, Start Num: 3
Candidate Starts for Heather_14:
(Start: 3 @11312 has 9 MA's), (8, 11402), (10, 11486), (12, 11501), (17, 11585), (18, 11615), (27, 11717), (28, 11723), (35, 11855), (42, 11969), (52, 12107), (54, 12134), (57, 12203),

Gene: Lilbooboo_14 Start: 11336, Stop: 12319, Start Num: 3
Candidate Starts for Lilbooboo_14:
(1, 11327), (2, 11333), (Start: 3 @11336 has 9 MA's), (5, 11408), (9, 11489), (25, 11702), (27, 11741), (32, 11834), (33, 11855), (38, 11924), (44, 12017), (47, 12041), (48, 12068), (50, 12116), (57, 12227), (59, 12281),

Gene: RemusLoopin_14 Start: 11291, Stop: 12280, Start Num: 3
Candidate Starts for RemusLoopin_14:
(Start: 3 @11291 has 9 MA's), (6, 11366), (8, 11381), (9, 11444), (14, 11522), (16, 11546), (17, 11564), (20, 11612), (24, 11654), (29, 11714), (30, 11735), (31, 11774), (34, 11834), (52, 12089), (57, 12185), (58, 12233),

Gene: Samora_14 Start: 11367, Stop: 12350, Start Num: 3
Candidate Starts for Samora_14:
(1, 11358), (2, 11364), (Start: 3 @11367 has 9 MA's), (5, 11439), (7, 11445), (8, 11457), (9, 11520), (18, 11670), (21, 11703), (25, 11733), (26, 11769), (32, 11865), (33, 11886), (38, 11955), (44, 12048), (48, 12099), (50, 12147), (56, 12255), (57, 12258),

Gene: Sebastisaurus_14 Start: 11317, Stop: 12309, Start Num: 3
Candidate Starts for Sebastisaurus_14:
(Start: 3 @11317 has 9 MA's), (4, 11347), (8, 11407), (9, 11470), (14, 11548), (16, 11572), (19, 11629), (24, 11680), (27, 11722), (29, 11740), (31, 11800), (34, 11860), (36, 11878), (45, 12007), (48, 12052),

(50, 12100), (53, 12127), (57, 12214),

Gene: Shawty_14 Start: 11317, Stop: 12288, Start Num: 3
Candidate Starts for Shawty_14:
(1, 11308), (2, 11314), (Start: 3 @11317 has 9 MA's), (10, 11491), (15, 11539), (22, 11647), (27, 11707), (28, 11713), (45, 11989), (46, 12001), (47, 12007), (48, 12034), (49, 12079), (57, 12196), (58, 12244), (59, 12250),

Gene: TG1_14 Start: 11319, Stop: 12302, Start Num: 3
Candidate Starts for TG1_14:
(1, 11310), (Start: 3 @11319 has 9 MA's), (13, 11541), (15, 11553), (23, 11670), (25, 11682), (26, 11718), (37, 11883), (45, 12003), (57, 12210), (59, 12264),

Gene: Vash_14 Start: 11342, Stop: 12325, Start Num: 3
Candidate Starts for Vash_14:
(1, 11333), (2, 11339), (Start: 3 @11342 has 9 MA's), (5, 11414), (9, 11495), (27, 11747), (32, 11840), (38, 11930), (44, 12023), (47, 12047), (48, 12074), (50, 12122), (57, 12233), (59, 12287),

Gene: phiBT1_45 Start: 11365, Stop: 12339, Start Num: 3
Candidate Starts for phiBT1_45:
(1, 11356), (2, 11362), (Start: 3 @11365 has 9 MA's), (10, 11539), (15, 11590), (27, 11758), (28, 11764), (32, 11851), (38, 11941), (47, 12058), (48, 12085), (51, 12145), (57, 12247),