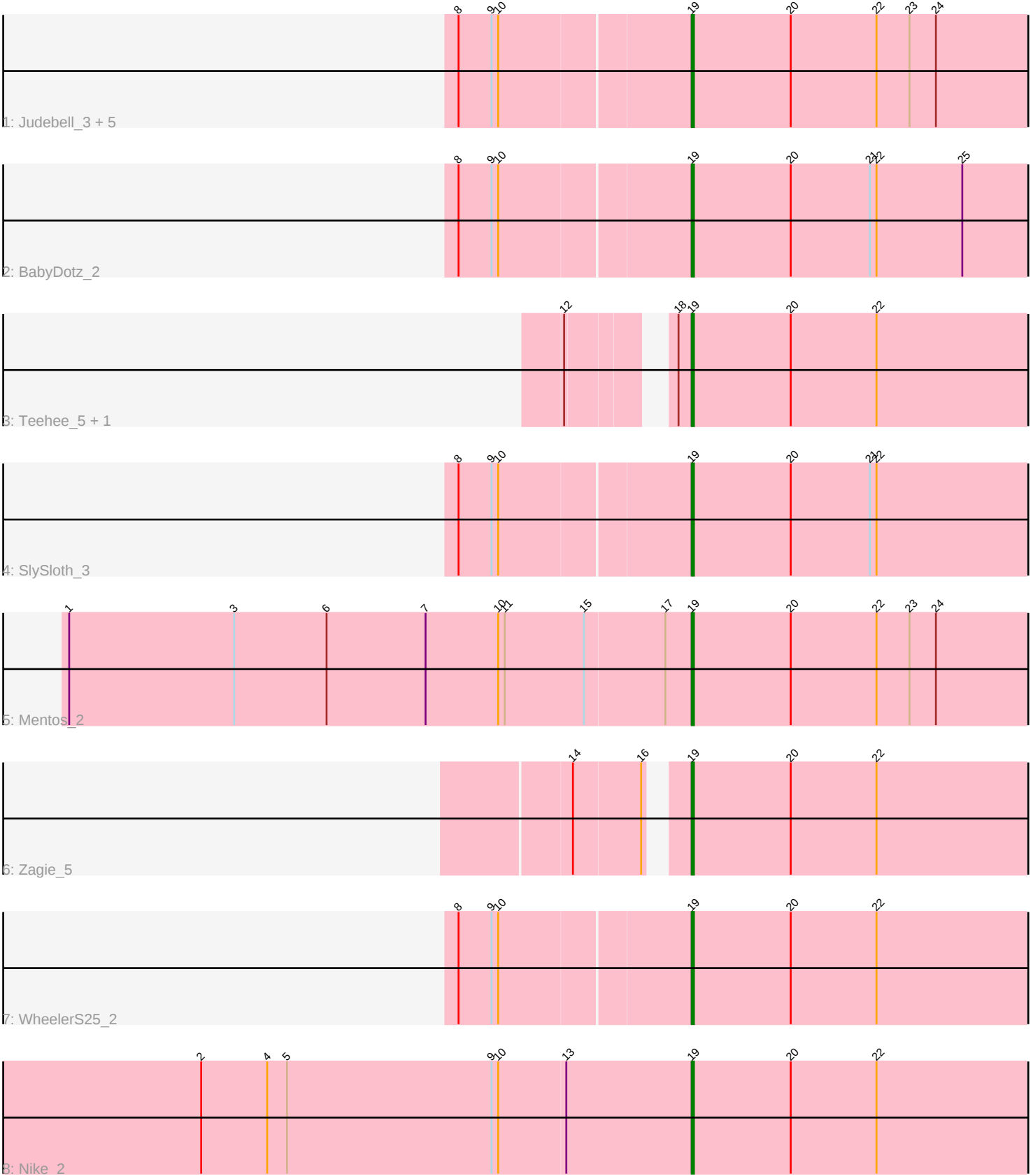


Pham 331402



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 331402 Report

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

Pham number 331402 has 14 members, 2 are drafts.

Phages represented in each track:

- Track 1 : Judebell_3, LilCahh_2, FrankDeliGuy_2, Kyva_3, Lonelysoil_3, ZestyBestie_3
- Track 2 : BabyDotz_2
- Track 3 : Teehee_5, Jehoshaphat_5
- Track 4 : SlySloth_3
- Track 5 : Mentos_2
- Track 6 : Zagie_5
- Track 7 : WheelerS25_2
- Track 8 : Nike_2

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

The start number called the most often in the published annotations is 19, it was called in 12 of the 12 non-draft genes in the pham.

Genes that call this "Most Annotated" start:

- BabyDotz_2, FrankDeliGuy_2, Jehoshaphat_5, Judebell_3, Kyva_3, LilCahh_2, Lonelysoil_3, Mentos_2, Nike_2, SlySloth_3, Teehee_5, WheelerS25_2, Zagie_5, ZestyBestie_3,

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 19:

- Found in 14 of 14 (100.0%) of genes in pham
- Manual Annotations of this start: 12 of 12
- Called 100.0% of time when present
- Phage (with cluster) where this start called: BabyDotz_2 (EG), FrankDeliGuy_2 (EG), Jehoshaphat_5 (EG), Judebell_3 (EG), Kyva_3 (EG), LilCahh_2 (EG),

Lonelysoil_3 (EG), Mentos_2 (EG), Nike_2 (EG), SlySloth_3 (EG), Teehee_5 (EG), WheelerS25_2 (EG), Zagie_5 (EG), ZestyBestie_3 (EG),

Summary by clusters:

There is one cluster represented in this pham: EG

Info for manual annotations of cluster EG:

•Start number 19 was manually annotated 12 times for cluster EG.

Gene Information:

Gene: BabyDotz_2 Start: 1334, Stop: 1167, Start Num: 19

Candidate Starts for BabyDotz_2:

(8, 1436), (9, 1421), (10, 1418), (Start: 19 @1334 has 12 MA's), (20, 1289), (21, 1253), (22, 1250), (25, 1211),

Gene: FrankDeliGuy_2 Start: 1115, Stop: 939, Start Num: 19

Candidate Starts for FrankDeliGuy_2:

(8, 1217), (9, 1202), (10, 1199), (Start: 19 @1115 has 12 MA's), (20, 1070), (22, 1031), (23, 1016), (24, 1004),

Gene: Jehoshaphat_5 Start: 2026, Stop: 1859, Start Num: 19

Candidate Starts for Jehoshaphat_5:

(12, 2068), (18, 2032), (Start: 19 @2026 has 12 MA's), (20, 1981), (22, 1942),

Gene: Judebell_3 Start: 1319, Stop: 1152, Start Num: 19

Candidate Starts for Judebell_3:

(8, 1421), (9, 1406), (10, 1403), (Start: 19 @1319 has 12 MA's), (20, 1274), (22, 1235), (23, 1220), (24, 1208),

Gene: Kyva_3 Start: 1093, Stop: 917, Start Num: 19

Candidate Starts for Kyva_3:

(8, 1195), (9, 1180), (10, 1177), (Start: 19 @1093 has 12 MA's), (20, 1048), (22, 1009), (23, 994), (24, 982),

Gene: LilCahh_2 Start: 1114, Stop: 938, Start Num: 19

Candidate Starts for LilCahh_2:

(8, 1216), (9, 1201), (10, 1198), (Start: 19 @1114 has 12 MA's), (20, 1069), (22, 1030), (23, 1015), (24, 1003),

Gene: Lonelysoil_3 Start: 1093, Stop: 917, Start Num: 19

Candidate Starts for Lonelysoil_3:

(8, 1195), (9, 1180), (10, 1177), (Start: 19 @1093 has 12 MA's), (20, 1048), (22, 1009), (23, 994), (24, 982),

Gene: Mentos_2 Start: 1252, Stop: 1085, Start Num: 19

Candidate Starts for Mentos_2:

(1, 1534), (3, 1459), (6, 1417), (7, 1372), (10, 1339), (11, 1336), (15, 1300), (17, 1264), (Start: 19 @1252 has 12 MA's), (20, 1207), (22, 1168), (23, 1153), (24, 1141),

Gene: Nike_2 Start: 1105, Stop: 938, Start Num: 19

Candidate Starts for Nike_2:

(2, 1327), (4, 1297), (5, 1288), (9, 1195), (10, 1192), (13, 1162), (Start: 19 @1105 has 12 MA's), (20, 1060), (22, 1021),

Gene: SlySloth_3 Start: 1337, Stop: 1170, Start Num: 19

Candidate Starts for SlySloth_3:

(8, 1439), (9, 1424), (10, 1421), (Start: 19 @1337 has 12 MA's), (20, 1292), (21, 1256), (22, 1253),

Gene: Teehee_5 Start: 2026, Stop: 1859, Start Num: 19

Candidate Starts for Teehee_5:

(12, 2068), (18, 2032), (Start: 19 @2026 has 12 MA's), (20, 1981), (22, 1942),

Gene: WheelerS25_2 Start: 1268, Stop: 1101, Start Num: 19

Candidate Starts for WheelerS25_2:

(8, 1370), (9, 1355), (10, 1352), (Start: 19 @1268 has 12 MA's), (20, 1223), (22, 1184),

Gene: Zagie_5 Start: 1821, Stop: 1654, Start Num: 19

Candidate Starts for Zagie_5:

(14, 1863), (16, 1833), (Start: 19 @1821 has 12 MA's), (20, 1776), (22, 1737),

Gene: ZestyBestie_3 Start: 1113, Stop: 937, Start Num: 19

Candidate Starts for ZestyBestie_3:

(8, 1215), (9, 1200), (10, 1197), (Start: 19 @1113 has 12 MA's), (20, 1068), (22, 1029), (23, 1014), (24, 1002),