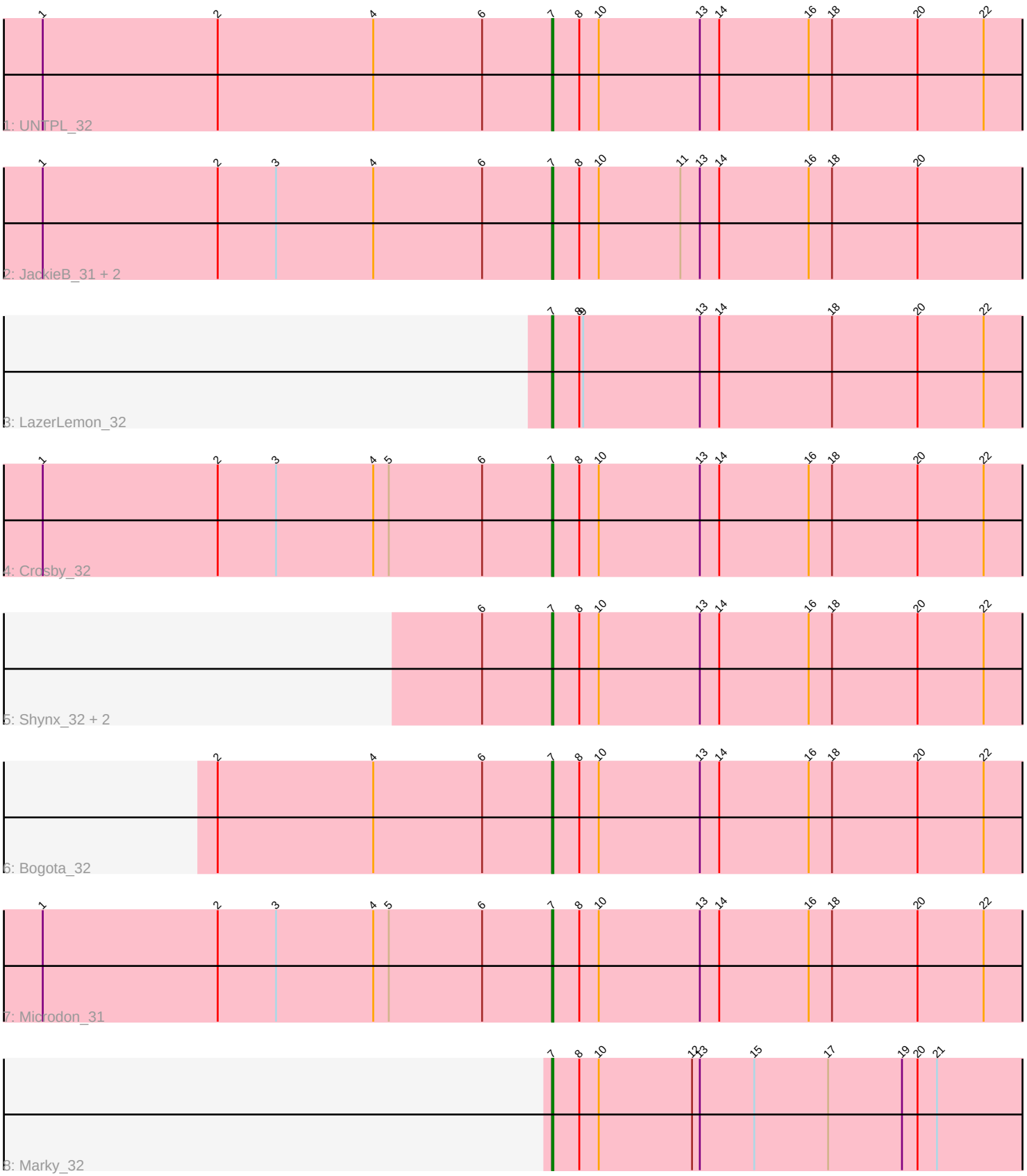
Pham 342732


1: UNTPL_32
2: JackieB_31 + 2
3: LazerLemon_32
4: Crosby_32
5: Shynx_32 + 2
6: Bogota_32
7: Microdon_31
8: Marky_32

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 342732 Report

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

Pham number 342732 has 12 members, 0 are drafts.

Phages represented in each track:
• Track 1 : UNTPL_32
• Track 2 : JackieB_31, Henoccus_32, Araceli_32
• Track 3 : LazerLemon_32
• Track 4 : Crosby_32
• Track 5 : Shynx_32, Stuff_32, Intolerant_31
• Track 6 : Bogota_32
• Track 7 : Microdon_31
• Track 8 : Marky_32

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

The start number called the most often in the published annotations is 7, it was called in 12 of the 12 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Araceli_32, Bogota_32, Crosby_32, Henoccus_32, Intolerant_31, JackieB_31, LazerLemon_32, Marky_32, Microdon_31, Shynx_32, Stuff_32, UNTPL_32,

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 7:
• Found in 12 of 12 (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: Araceli_32 (BH), Bogota_32 (BH), Crosby_32 (BH), Henoccus_32 (BH), Intolerant_31 (BH), JackieB_31 (BH), LazerLemon_32 (BH), Marky_32 (BH), Microdon_31 (BH), Shynx_32 (BH), Stuff_32 (BH), UNTPL_32 (BH),

Summary by clusters:

There is one cluster represented in this pham: BH

Info for manual annotations of cluster BH:
•Start number 7 was manually annotated 12 times for cluster BH.

Gene Information:

Gene: Araceli_32 Start: 26546, Stop: 26920, Start Num: 7
Candidate Starts for Araceli_32:
(1, 26153), (2, 26288), (3, 26333), (4, 26408), (6, 26492), (Start: 7 @26546 has 12 MA's), (8, 26567), (10, 26582), (11, 26645), (13, 26660), (14, 26675), (16, 26744), (18, 26762), (20, 26828),

Gene: Bogota_32 Start: 26684, Stop: 27058, Start Num: 7
Candidate Starts for Bogota_32:
(2, 26426), (4, 26546), (6, 26630), (Start: 7 @26684 has 12 MA's), (8, 26705), (10, 26720), (13, 26798), (14, 26813), (16, 26882), (18, 26900), (20, 26966), (22, 27017),

Gene: Crosby_32 Start: 26673, Stop: 27047, Start Num: 7
Candidate Starts for Crosby_32:
(1, 26280), (2, 26415), (3, 26460), (4, 26535), (5, 26547), (6, 26619), (Start: 7 @26673 has 12 MA's), (8, 26694), (10, 26709), (13, 26787), (14, 26802), (16, 26871), (18, 26889), (20, 26955), (22, 27006),

Gene: Henoccus_32 Start: 26556, Stop: 26930, Start Num: 7
Candidate Starts for Henoccus_32:
(1, 26163), (2, 26298), (3, 26343), (4, 26418), (6, 26502), (Start: 7 @26556 has 12 MA's), (8, 26577), (10, 26592), (11, 26655), (13, 26670), (14, 26685), (16, 26754), (18, 26772), (20, 26838),

Gene: Intolerant_31 Start: 26547, Stop: 26921, Start Num: 7
Candidate Starts for Intolerant_31:
(6, 26493), (Start: 7 @26547 has 12 MA's), (8, 26568), (10, 26583), (13, 26661), (14, 26676), (16, 26745), (18, 26763), (20, 26829), (22, 26880),

Gene: JackieB_31 Start: 26411, Stop: 26785, Start Num: 7
Candidate Starts for JackieB_31:
(1, 26018), (2, 26153), (3, 26198), (4, 26273), (6, 26357), (Start: 7 @26411 has 12 MA's), (8, 26432), (10, 26447), (11, 26510), (13, 26525), (14, 26540), (16, 26609), (18, 26627), (20, 26693),

Gene: LazerLemon_32 Start: 27063, Stop: 27437, Start Num: 7
Candidate Starts for LazerLemon_32:
(Start: 7 @27063 has 12 MA's), (8, 27084), (9, 27087), (13, 27177), (14, 27192), (18, 27279), (20, 27345), (22, 27396),

Gene: Marky_32 Start: 26426, Stop: 26800, Start Num: 7
Candidate Starts for Marky_32:
(Start: 7 @26426 has 12 MA's), (8, 26447), (10, 26462), (12, 26534), (13, 26540), (15, 26582), (17, 26639), (19, 26696), (20, 26708), (21, 26723),

Gene: Microdon_31 Start: 26370, Stop: 26744, Start Num: 7

Candidate Starts for Microdon_31:
(1, 25977), (2, 26112), (3, 26157), (4, 26232), (5, 26244), (6, 26316), (Start: 7 @26370 has 12 MA's), (8, 26391), (10, 26406), (13, 26484), (14, 26499), (16, 26568), (18, 26586), (20, 26652), (22, 26703),

Gene: Shynx_32 Start: 26823, Stop: 27197, Start Num: 7
Candidate Starts for Shynx_32:
(6, 26769), (Start: 7 @26823 has 12 MA's), (8, 26844), (10, 26859), (13, 26937), (14, 26952), (16, 27021), (18, 27039), (20, 27105), (22, 27156),

Gene: Stuff_32 Start: 26845, Stop: 27219, Start Num: 7
Candidate Starts for Stuff_32:
(6, 26791), (Start: 7 @26845 has 12 MA's), (8, 26866), (10, 26881), (13, 26959), (14, 26974), (16, 27043), (18, 27061), (20, 27127), (22, 27178),

Gene: UNTPL_32 Start: 26665, Stop: 27039, Start Num: 7
Candidate Starts for UNTPL_32:
(1, 26272), (2, 26407), (4, 26527), (6, 26611), (Start: 7 @26665 has 12 MA's), (8, 26686), (10, 26701), (13, 26779), (14, 26794), (16, 26863), (18, 26881), (20, 26947), (22, 26998),