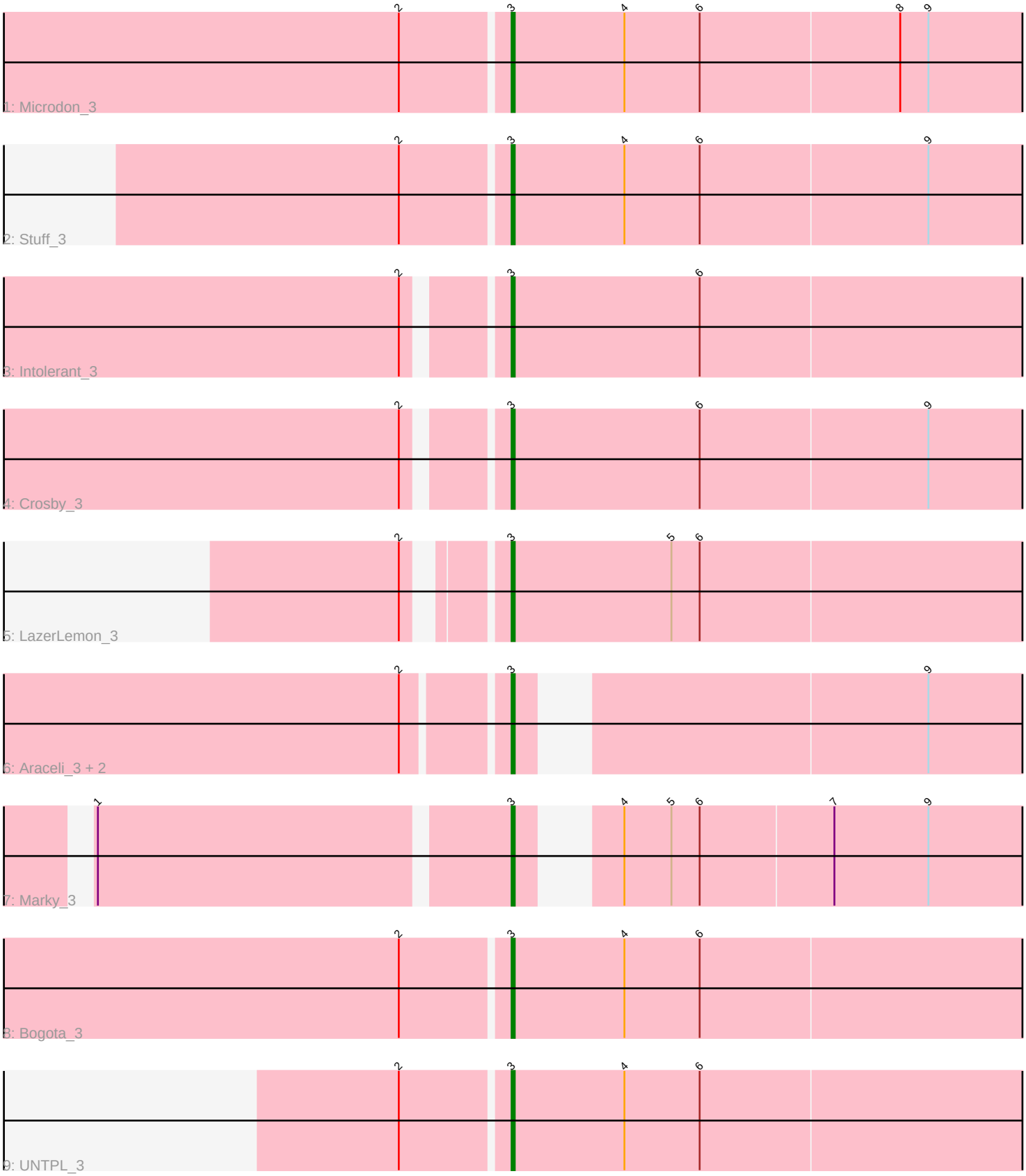
Pham 5732


1: Microdon_3
2: Stuff_3
3: Intolerant_3
4: Crosby_3
5: LazerLemon_3
6: Araceli_3 + 2
7: Marky_3
8: Bogota_3
9: UNTPL_3

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 5732 Report

This analysis was run 04/22/24 on database version 561.

Pham number 5732 has 11 members, 0 are drafts.

Phages represented in each track:
• Track 1 : Microdon_3
• Track 2 : Stuff_3
• Track 3 : Intolerant_3
• Track 4 : Crosby_3
• Track 5 : LazerLemon_3
• Track 6 : Araceli_3, JackieB_3, Henoccus_3
• Track 7 : Marky_3
• Track 8 : Bogota_3
• Track 9 : UNTPL_3

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 11 of the 11 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Araceli_3, Bogota_3, Crosby_3, Henoccus_3, Intolerant_3, JackieB_3, LazerLemon_3, Marky_3, Microdon_3, Stuff_3, UNTPL_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 3:
• Found in 11 of 11 (100.0%) of genes in pham
• Manual Annotations of this start: 11 of 11
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Araceli_3 (BH), Bogota_3 (BH), Crosby_3 (BH), Henoccus_3 (BH), Intolerant_3 (BH), JackieB_3 (BH), LazerLemon_3 (BH), Marky_3 (BH), Microdon_3 (BH), Stuff_3 (BH), UNTPL_3 (BH),

Summary by clusters:

There is one cluster represented in this pham: BH

Info for manual annotations of cluster BH:
•Start number 3 was manually annotated 11 times for cluster BH.

Gene Information:

Gene: Araceli_3 Start: 418, Stop: 636, Start Num: 3
Candidate Starts for Araceli_3:
(2, 388), (Start: 3 @418 has 11 MA's), (9, 532),

Gene: Bogota_3 Start: 389, Stop: 625, Start Num: 3
Candidate Starts for Bogota_3:
(2, 356), (Start: 3 @389 has 11 MA's), (4, 425), (6, 449),

Gene: Crosby_3 Start: 383, Stop: 616, Start Num: 3
Candidate Starts for Crosby_3:
(2, 356), (Start: 3 @383 has 11 MA's), (6, 443), (9, 515),

Gene: Henoccus_3 Start: 418, Stop: 636, Start Num: 3
Candidate Starts for Henoccus_3:
(2, 388), (Start: 3 @418 has 11 MA's), (9, 532),

Gene: Intolerant_3 Start: 383, Stop: 616, Start Num: 3
Candidate Starts for Intolerant_3:
(2, 356), (Start: 3 @383 has 11 MA's), (6, 443),

Gene: JackieB_3 Start: 418, Stop: 612, Start Num: 3
Candidate Starts for JackieB_3:
(2, 388), (Start: 3 @418 has 11 MA's), (9, 532),

Gene: LazerLemon_3 Start: 422, Stop: 631, Start Num: 3
Candidate Starts for LazerLemon_3:
(2, 398), (Start: 3 @422 has 11 MA's), (5, 473), (6, 482),

Gene: Marky_3 Start: 364, Stop: 561, Start Num: 3
Candidate Starts for Marky_3:
(1, 238), (Start: 3 @364 has 11 MA's), (4, 382), (5, 397), (6, 406), (7, 448), (9, 478),

Gene: Microdon_3 Start: 392, Stop: 625, Start Num: 3
Candidate Starts for Microdon_3:
(2, 359), (Start: 3 @392 has 11 MA's), (4, 428), (6, 452), (8, 515), (9, 524),

Gene: Stuff_3 Start: 386, Stop: 619, Start Num: 3
Candidate Starts for Stuff_3:
(2, 353), (Start: 3 @386 has 11 MA's), (4, 422), (6, 446), (9, 518),

Gene: UNTPL_3 Start: 389, Stop: 625, Start Num: 3

Candidate Starts for UNTPL_3:
(2, 356), (Start: 3 @389 has 11 MA's), (4, 425), (6, 449),