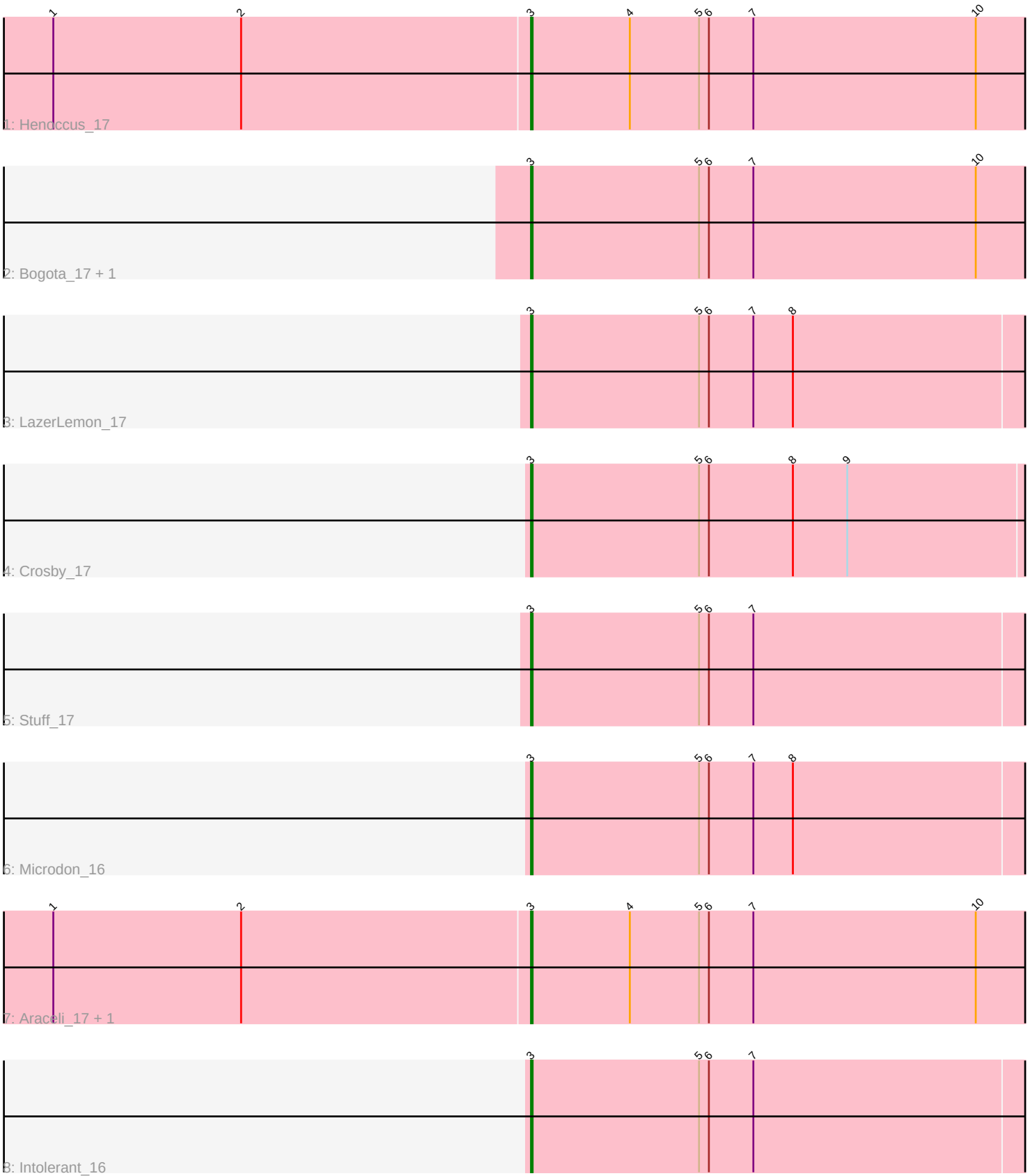
Pham 87480


1
2
3
4
5
6
7
10
1: Henoccus_17
3
5
6
7
10
2: Bogota_17 + 1
3
5
6
7
8
3: LazerLemon_17
3
5
6
8
9
4: Crosby_17
3
5
6
7
5: Stuff_17
3
5
6
7
8
6: Microdon_16
1
2
3
4
5
6
7
10
7: Araceli_17 + 1
3
5
6
7
8: Intolerant_16

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 87480 Report

This analysis was run 04/28/24 on database version 559.

Pham number 87480 has 10 members, 0 are drafts.

Phages represented in each track:
• Track 1 : Henoccus_17
• Track 2 : Bogota_17, UNTPL_17
• Track 3 : LazerLemon_17
• Track 4 : Crosby_17
• Track 5 : Stuff_17
• Track 6 : Microdon_16
• Track 7 : Araceli_17, JackieB_16
• Track 8 : Intolerant_16

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 10 of the 10 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Araceli_17, Bogota_17, Crosby_17, Henoccus_17, Intolerant_16, JackieB_16, LazerLemon_17, Microdon_16, Stuff_17, UNTPL_17,

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: 10 of 10
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Araceli_17 (BH), Bogota_17 (BH), Crosby_17 (BH), Henoccus_17 (BH), Intolerant_16 (BH), JackieB_16 (BH), LazerLemon_17 (BH), Microdon_16 (BH), Stuff_17 (BH), UNTPL_17 (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 10 times for cluster BH.

Gene Information:

Gene: Araceli_17 Start: 12691, Stop: 13056, Start Num: 3
Candidate Starts for Araceli_17:
(1, 12403), (2, 12517), (Start: 3 @12691 has 10 MA's), (4, 12751), (5, 12793), (6, 12799), (7, 12826), (10, 12961),

Gene: Bogota_17 Start: 12821, Stop: 13186, Start Num: 3
Candidate Starts for Bogota_17:
(Start: 3 @12821 has 10 MA's), (5, 12923), (6, 12929), (7, 12956), (10, 13091),

Gene: Crosby_17 Start: 12824, Stop: 13186, Start Num: 3
Candidate Starts for Crosby_17:
(Start: 3 @12824 has 10 MA's), (5, 12926), (6, 12932), (8, 12983), (9, 13016),

Gene: Henoccus_17 Start: 12701, Stop: 13066, Start Num: 3
Candidate Starts for Henoccus_17:
(1, 12413), (2, 12527), (Start: 3 @12701 has 10 MA's), (4, 12761), (5, 12803), (6, 12809), (7, 12836), (10, 12971),

Gene: Intolerant_16 Start: 12703, Stop: 13065, Start Num: 3
Candidate Starts for Intolerant_16:
(Start: 3 @12703 has 10 MA's), (5, 12805), (6, 12811), (7, 12838),

Gene: JackieB_16 Start: 12556, Stop: 12921, Start Num: 3
Candidate Starts for JackieB_16:
(1, 12268), (2, 12382), (Start: 3 @12556 has 10 MA's), (4, 12616), (5, 12658), (6, 12664), (7, 12691), (10, 12826),

Gene: LazerLemon_17 Start: 13117, Stop: 13485, Start Num: 3
Candidate Starts for LazerLemon_17:
(Start: 3 @13117 has 10 MA's), (5, 13219), (6, 13225), (7, 13252), (8, 13276),

Gene: Microdon_16 Start: 12509, Stop: 12871, Start Num: 3
Candidate Starts for Microdon_16:
(Start: 3 @12509 has 10 MA's), (5, 12611), (6, 12617), (7, 12644), (8, 12668),

Gene: Stuff_17 Start: 12986, Stop: 13348, Start Num: 3
Candidate Starts for Stuff_17:
(Start: 3 @12986 has 10 MA's), (5, 13088), (6, 13094), (7, 13121),

Gene: UNTPL_17 Start: 12805, Stop: 13170, Start Num: 3
Candidate Starts for UNTPL_17:
(Start: 3 @12805 has 10 MA's), (5, 12907), (6, 12913), (7, 12940), (10, 13075),