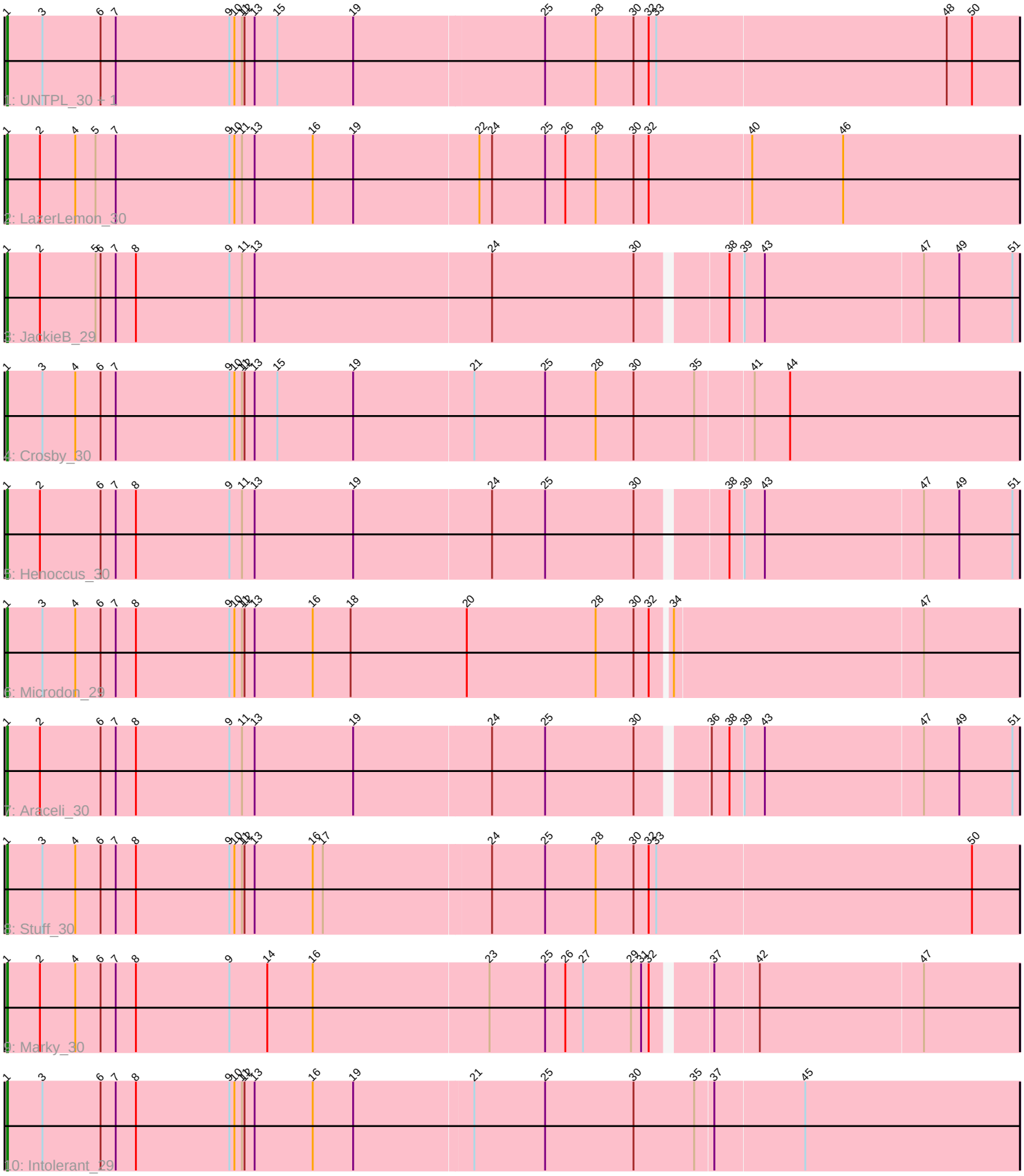
Pham 5720


1: UNTPL_30 + 1
2: LazerLemon_30
3: JackieB_29
4: Crosby_30
5: Hehoccus_30
6: Microdon_29
7: Araceli_30
8: Stuff_30
9: Marky_30
10: Intolerant_29

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 5720 Report

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

Pham number 5720 has 11 members, 0 are drafts.

Phages represented in each track:
• Track 1 : UNTPL_30, Bogota_30
• Track 2 : LazerLemon_30
• Track 3 : JackieB_29
• Track 4 : Crosby_30
• Track 5 : Henoccus_30
• Track 6 : Microdon_29
• Track 7 : Araceli_30
• Track 8 : Stuff_30
• Track 9 : Marky_30
• Track 10 : Intolerant_29

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

The start number called the most often in the published annotations is 1, it was called in 11 of the 11 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Araceli_30, Bogota_30, Crosby_30, Henoccus_30, Intolerant_29, JackieB_29, LazerLemon_30, Marky_30, Microdon_29, Stuff_30, UNTPL_30,

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 1:
• 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_30 (BH), Bogota_30 (BH), Crosby_30 (BH), Henoccus_30 (BH), Intolerant_29 (BH), JackieB_29 (BH),

LazerLemon_30 (BH), Marky_30 (BH), Microdon_29 (BH), Stuff_30 (BH), UNTPL_30 (BH),

Summary by clusters:

There is one cluster represented in this pham: BH

Info for manual annotations of cluster BH:
•Start number 1 was manually annotated 11 times for cluster BH.

Gene Information:

Gene: Araceli_30 Start: 24925, Stop: 26097, Start Num: 1
Candidate Starts for Araceli_30:
(Start: 1 @24925 has 11 MA's), (2, 24964), (6, 25036), (7, 25054), (8, 25078), (9, 25189), (11, 25204), (13, 25219), (19, 25336), (24, 25495), (25, 25558), (30, 25663), (36, 25738), (38, 25759), (39, 25774), (43, 25798), (47, 25984), (49, 26026), (51, 26089),

Gene: Bogota_30 Start: 25042, Stop: 26235, Start Num: 1
Candidate Starts for Bogota_30:
(Start: 1 @25042 has 11 MA's), (3, 25084), (6, 25153), (7, 25171), (9, 25306), (10, 25312), (11, 25321), (12, 25324), (13, 25336), (15, 25363), (19, 25453), (25, 25675), (28, 25735), (30, 25780), (32, 25798), (33, 25807), (48, 26149), (50, 26179),

Gene: Crosby_30 Start: 25031, Stop: 26224, Start Num: 1
Candidate Starts for Crosby_30:
(Start: 1 @25031 has 11 MA's), (3, 25073), (4, 25112), (6, 25142), (7, 25160), (9, 25295), (10, 25301), (11, 25310), (12, 25313), (13, 25325), (15, 25352), (19, 25442), (21, 25583), (25, 25667), (28, 25727), (30, 25772), (35, 25844), (41, 25910), (44, 25952),

Gene: Henoccus_30 Start: 24935, Stop: 26107, Start Num: 1
Candidate Starts for Henoccus_30:
(Start: 1 @24935 has 11 MA's), (2, 24974), (6, 25046), (7, 25064), (8, 25088), (9, 25199), (11, 25214), (13, 25229), (19, 25346), (24, 25505), (25, 25568), (30, 25673), (38, 25769), (39, 25784), (43, 25808), (47, 25994), (49, 26036), (51, 26099),

Gene: Intolerant_29 Start: 24908, Stop: 26098, Start Num: 1
Candidate Starts for Intolerant_29:
(Start: 1 @24908 has 11 MA's), (3, 24950), (6, 25019), (7, 25037), (8, 25061), (9, 25172), (10, 25178), (11, 25187), (12, 25190), (13, 25202), (16, 25271), (19, 25319), (21, 25457), (25, 25541), (30, 25646), (35, 25718), (37, 25739), (45, 25844),

Gene: JackieB_29 Start: 24787, Stop: 25962, Start Num: 1
Candidate Starts for JackieB_29:
(Start: 1 @24787 has 11 MA's), (2, 24826), (5, 24892), (6, 24898), (7, 24916), (8, 24940), (9, 25051), (11, 25066), (13, 25081), (24, 25360), (30, 25528), (38, 25624), (39, 25639), (43, 25663), (47, 25849), (49, 25891), (51, 25954),

Gene: LazerLemon_30 Start: 25418, Stop: 26614, Start Num: 1
Candidate Starts for LazerLemon_30:

(Start: 1 @25418 has 11 MA's), (2, 25457), (4, 25499), (5, 25523), (7, 25547), (9, 25682), (10, 25688), (11, 25697), (13, 25712), (16, 25781), (19, 25829), (22, 25976), (24, 25991), (25, 26054), (26, 26078), (28, 26114), (30, 26159), (32, 26177), (40, 26297), (46, 26405),

Gene: Marky_30 Start: 24780, Stop: 25955, Start Num: 1
Candidate Starts for Marky_30:
(Start: 1 @24780 has 11 MA's), (2, 24819), (4, 24861), (6, 24891), (7, 24909), (8, 24933), (9, 25044), (14, 25089), (16, 25143), (23, 25350), (25, 25416), (26, 25440), (27, 25461), (29, 25518), (31, 25530), (32, 25539), (37, 25599), (42, 25650), (47, 25842),

Gene: Microdon_29 Start: 24734, Stop: 25921, Start Num: 1
Candidate Starts for Microdon_29:
(Start: 1 @24734 has 11 MA's), (3, 24776), (4, 24815), (6, 24845), (7, 24863), (8, 24887), (9, 24998), (10, 25004), (11, 25013), (12, 25016), (13, 25028), (16, 25097), (18, 25142), (20, 25280), (28, 25433), (30, 25478), (32, 25496), (34, 25517), (47, 25808),

Gene: Stuff_30 Start: 25203, Stop: 26396, Start Num: 1
Candidate Starts for Stuff_30:
(Start: 1 @25203 has 11 MA's), (3, 25245), (4, 25284), (6, 25314), (7, 25332), (8, 25356), (9, 25467), (10, 25473), (11, 25482), (12, 25485), (13, 25497), (16, 25566), (17, 25578), (24, 25773), (25, 25836), (28, 25896), (30, 25941), (32, 25959), (33, 25968), (50, 26340),

Gene: UNTPL_30 Start: 25023, Stop: 26216, Start Num: 1
Candidate Starts for UNTPL_30:
(Start: 1 @25023 has 11 MA's), (3, 25065), (6, 25134), (7, 25152), (9, 25287), (10, 25293), (11, 25302), (12, 25305), (13, 25317), (15, 25344), (19, 25434), (25, 25656), (28, 25716), (30, 25761), (32, 25779), (33, 25788), (48, 26130), (50, 26160),