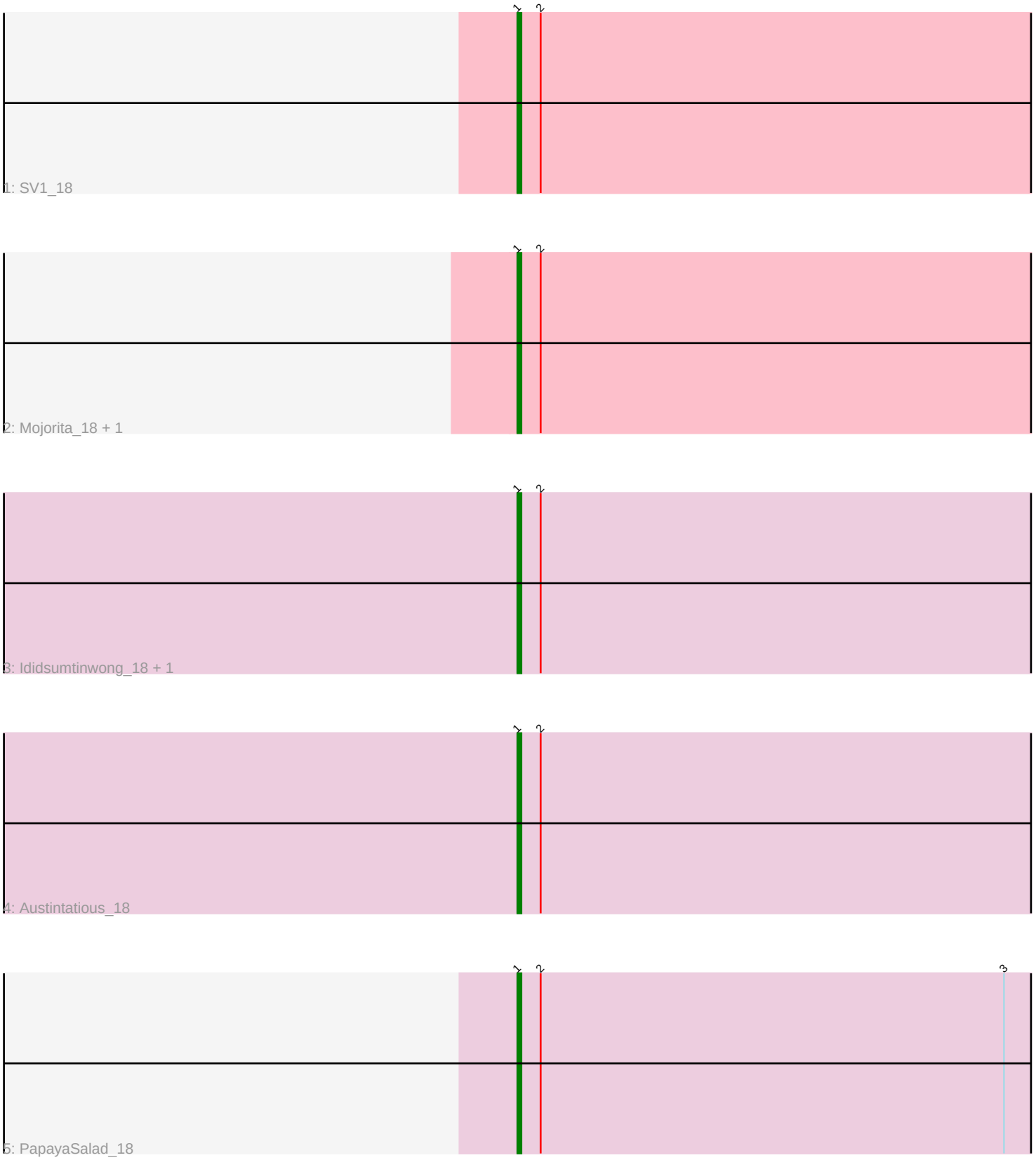
Zoomed Pham 197143



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 197143 Report

This analysis was run 12/09/24 on database version 580.

Pham number 197143 has 7 members, 0 are drafts.

Phages represented in each track:
• Track 1 : SV1_18
• Track 2 : Mojorita_18, Picard_18
• Track 3 : Ididsumtinwong_18, Bioscum_18
• Track 4 : Austintatious_18
• Track 5 : PapayaSalad_18

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 7 of the 7 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Austintatious_18, Bioscum_18, Ididsumtinwong_18, Mojorita_18, PapayaSalad_18, Picard_18, SV1_18,

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 7 of 7 (100.0%) of genes in pham
• Manual Annotations of this start: 7 of 7
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Austintatious_18 (BC3), Bioscum_18 (BC3), Ididsumtinwong_18 (BC3), Mojorita_18 (BC1), PapayaSalad_18 (BC3), Picard_18 (BC1), SV1_18 (BC1),

Summary by clusters:

There are 2 clusters represented in this pham: BC1, BC3,

Info for manual annotations of cluster BC1:
•Start number 1 was manually annotated 3 times for cluster BC1.

Info for manual annotations of cluster BC3:
•Start number 1 was manually annotated 4 times for cluster BC3.

Gene Information:

Gene: Austintatious_18 Start: 13110, Stop: 14192, Start Num: 1
Candidate Starts for Austintatious_18:
(Start: 1 @13110 has 7 MA's), (2, 13116), (5, 13305), (8, 13389), (10, 13443), (12, 13536), (15, 13662), (16, 13764), (18, 13794), (21, 13881), (25, 14025), (29, 14085), (30, 14109),

Gene: Bioscum_18 Start: 13146, Stop: 14228, Start Num: 1
Candidate Starts for Bioscum_18:
(Start: 1 @13146 has 7 MA's), (2, 13152), (5, 13341), (8, 13425), (10, 13479), (12, 13572), (15, 13698), (16, 13800), (18, 13830), (21, 13917), (22, 13956), (25, 14061), (29, 14121), (30, 14145),

Gene: Ididsumtinwong_18 Start: 13146, Stop: 14228, Start Num: 1
Candidate Starts for Ididsumtinwong_18:
(Start: 1 @13146 has 7 MA's), (2, 13152), (5, 13341), (8, 13425), (10, 13479), (12, 13572), (15, 13698), (16, 13800), (18, 13830), (21, 13917), (22, 13956), (25, 14061), (29, 14121), (30, 14145),

Gene: Mojorita_18 Start: 13248, Stop: 14330, Start Num: 1
Candidate Starts for Mojorita_18:
(Start: 1 @13248 has 7 MA's), (2, 13254), (5, 13443), (7, 13473), (10, 13581), (12, 13674), (13, 13713), (16, 13902), (17, 13926), (20, 14016), (21, 14019), (22, 14058), (23, 14073), (24, 14133), (25, 14163), (26, 14172), (27, 14193), (28, 14220), (29, 14223), (30, 14247), (32, 14271),

Gene: PapayaSalad_18 Start: 13118, Stop: 14203, Start Num: 1
Candidate Starts for PapayaSalad_18:
(Start: 1 @13118 has 7 MA's), (2, 13124), (3, 13244), (5, 13316), (6, 13328), (8, 13400), (10, 13454), (14, 13667), (16, 13775), (20, 13889), (21, 13892), (22, 13931), (25, 14036), (30, 14120), (31, 14126),

Gene: Picard_18 Start: 13242, Stop: 14324, Start Num: 1
Candidate Starts for Picard_18:
(Start: 1 @13242 has 7 MA's), (2, 13248), (5, 13437), (7, 13467), (10, 13575), (12, 13668), (13, 13707), (16, 13896), (17, 13920), (20, 14010), (21, 14013), (22, 14052), (23, 14067), (24, 14127), (25, 14157), (26, 14166), (27, 14187), (28, 14214), (29, 14217), (30, 14241), (32, 14265),

Gene: SV1_18 Start: 13354, Stop: 14436, Start Num: 1
Candidate Starts for SV1_18:
(Start: 1 @13354 has 7 MA's), (2, 13360), (4, 13513), (5, 13549), (9, 13681), (10, 13687), (11, 13690), (12, 13780), (14, 13900), (15, 13906), (16, 14008), (17, 14032), (19, 14041), (20, 14122), (21, 14125), (22, 14164), (25, 14269), (29, 14329), (30, 14353), (32, 14377), (33, 14416),