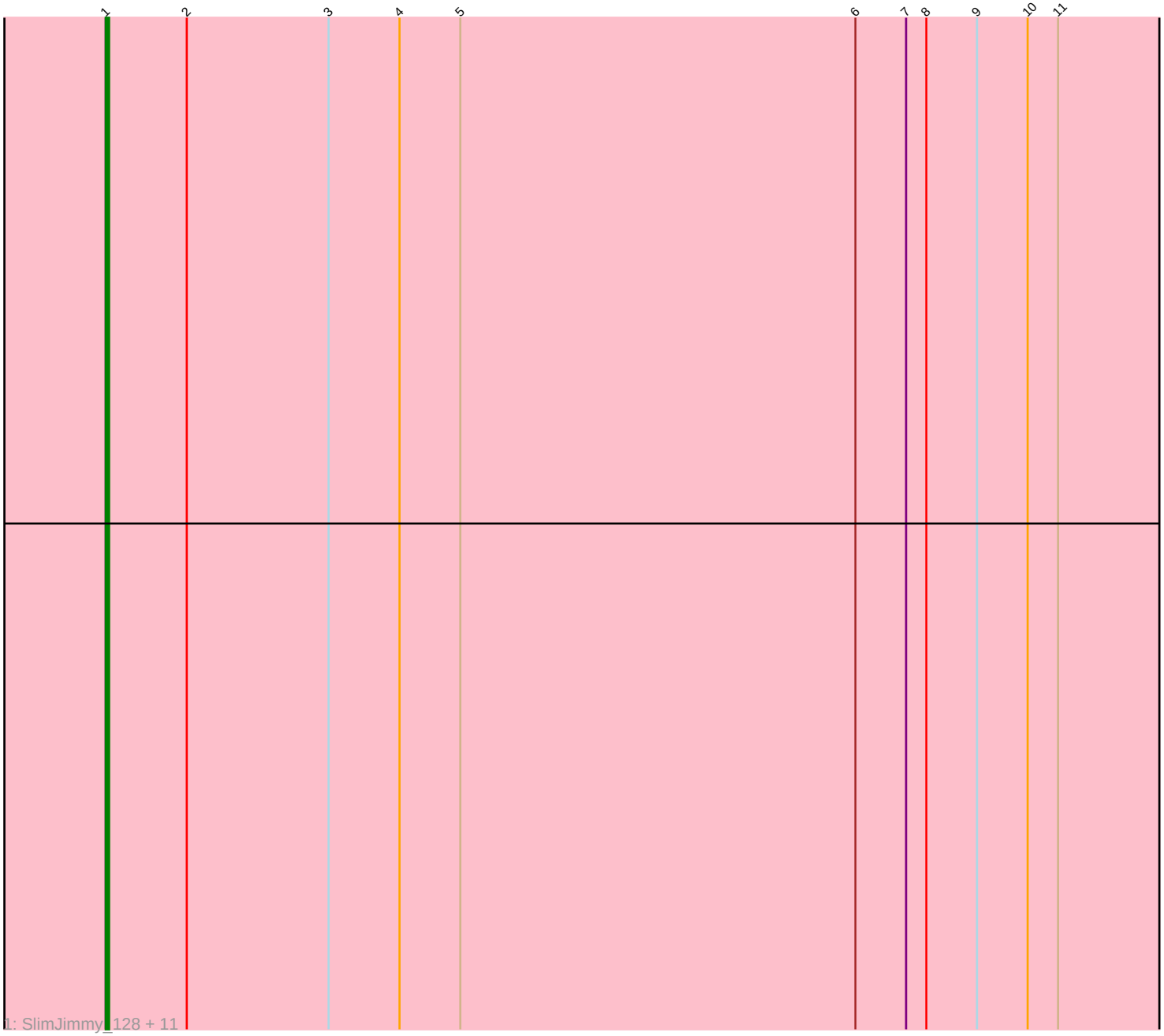
Pham 194514



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 194514 Report

This analysis was run 11/02/24 on database version 579.

Pham number 194514 has 12 members, 0 are drafts.

Phages represented in each track:
• Track 1 : SlimJimmy_128, TyDawg_124, Bricole_131, Bongo_128, Auspice_129, Glaske16_131, Dulcita_129, PegLeg_132, Diminimus_129, Skinny_135, IPhane7_127, LilhomieP_129

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 12 of the 12 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Auspice_129, Bongo_128, Bricole_131, Diminimus_129, Dulcita_129, Glaske16_131, IPhane7_127, LilhomieP_129, PegLeg_132, Skinny_135, SlimJimmy_128, TyDawg_124,

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 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: Auspice_129 (M1), Bongo_128 (M1), Bricole_131 (M1), Diminimus_129 (M1), Dulcita_129 (M1), Glaske16_131 (M1), IPhane7_127 (M1), LilhomieP_129 (M1), PegLeg_132 (M1), Skinny_135 (M1), SlimJimmy_128 (M1), TyDawg_124 (M1),

Summary by clusters:

There is one cluster represented in this pham: M1

Info for manual annotations of cluster M1:
•Start number 1 was manually annotated 12 times for cluster M1.

Gene Information:

Gene: Auspice_129 Start: 67226, Stop: 67564, Start Num: 1
Candidate Starts for Auspice_129:
(Start: 1 @67226 has 12 MA's), (2, 67250), (3, 67292), (4, 67313), (5, 67331), (6, 67448), (7, 67463), (8, 67469), (9, 67484), (10, 67499), (11, 67508),

Gene: Bongo_128 Start: 66842, Stop: 67180, Start Num: 1
Candidate Starts for Bongo_128:
(Start: 1 @66842 has 12 MA's), (2, 66866), (3, 66908), (4, 66929), (5, 66947), (6, 67064), (7, 67079), (8, 67085), (9, 67100), (10, 67115), (11, 67124),

Gene: Bricole_131 Start: 66990, Stop: 67328, Start Num: 1
Candidate Starts for Bricole_131:
(Start: 1 @66990 has 12 MA's), (2, 67014), (3, 67056), (4, 67077), (5, 67095), (6, 67212), (7, 67227), (8, 67233), (9, 67248), (10, 67263), (11, 67272),

Gene: Diminimus_129 Start: 66658, Stop: 66996, Start Num: 1
Candidate Starts for Diminimus_129:
(Start: 1 @66658 has 12 MA's), (2, 66682), (3, 66724), (4, 66745), (5, 66763), (6, 66880), (7, 66895), (8, 66901), (9, 66916), (10, 66931), (11, 66940),

Gene: Dulcita_129 Start: 66659, Stop: 66997, Start Num: 1
Candidate Starts for Dulcita_129:
(Start: 1 @66659 has 12 MA's), (2, 66683), (3, 66725), (4, 66746), (5, 66764), (6, 66881), (7, 66896), (8, 66902), (9, 66917), (10, 66932), (11, 66941),

Gene: Glaske16_131 Start: 67777, Stop: 68115, Start Num: 1
Candidate Starts for Glaske16_131:
(Start: 1 @67777 has 12 MA's), (2, 67801), (3, 67843), (4, 67864), (5, 67882), (6, 67999), (7, 68014), (8, 68020), (9, 68035), (10, 68050), (11, 68059),

Gene: IPhane7_127 Start: 66842, Stop: 67180, Start Num: 1
Candidate Starts for IPhane7_127:
(Start: 1 @66842 has 12 MA's), (2, 66866), (3, 66908), (4, 66929), (5, 66947), (6, 67064), (7, 67079), (8, 67085), (9, 67100), (10, 67115), (11, 67124),

Gene: LilhomieP_129 Start: 68120, Stop: 68458, Start Num: 1
Candidate Starts for LilhomieP_129:
(Start: 1 @68120 has 12 MA's), (2, 68144), (3, 68186), (4, 68207), (5, 68225), (6, 68342), (7, 68357), (8, 68363), (9, 68378), (10, 68393), (11, 68402),

Gene: PegLeg_132 Start: 68004, Stop: 68342, Start Num: 1
Candidate Starts for PegLeg_132:
(Start: 1 @68004 has 12 MA's), (2, 68028), (3, 68070), (4, 68091), (5, 68109), (6, 68226), (7, 68241), (8, 68247), (9, 68262), (10, 68277), (11, 68286),

Gene: Skinny_135 Start: 69121, Stop: 69459, Start Num: 1
Candidate Starts for Skinny_135:
(Start: 1 @69121 has 12 MA's), (2, 69145), (3, 69187), (4, 69208), (5, 69226), (6, 69343), (7, 69358), (8, 69364), (9, 69379), (10, 69394), (11, 69403),

Gene: SlimJimmy_128 Start: 67830, Stop: 68168, Start Num: 1
Candidate Starts for SlimJimmy_128:
(Start: 1 @67830 has 12 MA's), (2, 67854), (3, 67896), (4, 67917), (5, 67935), (6, 68052), (7, 68067), (8, 68073), (9, 68088), (10, 68103), (11, 68112),

Gene: TyDawg_124 Start: 66845, Stop: 67183, Start Num: 1
Candidate Starts for TyDawg_124:
(Start: 1 @66845 has 12 MA's), (2, 66869), (3, 66911), (4, 66932), (5, 66950), (6, 67067), (7, 67082), (8, 67088), (9, 67103), (10, 67118), (11, 67127),