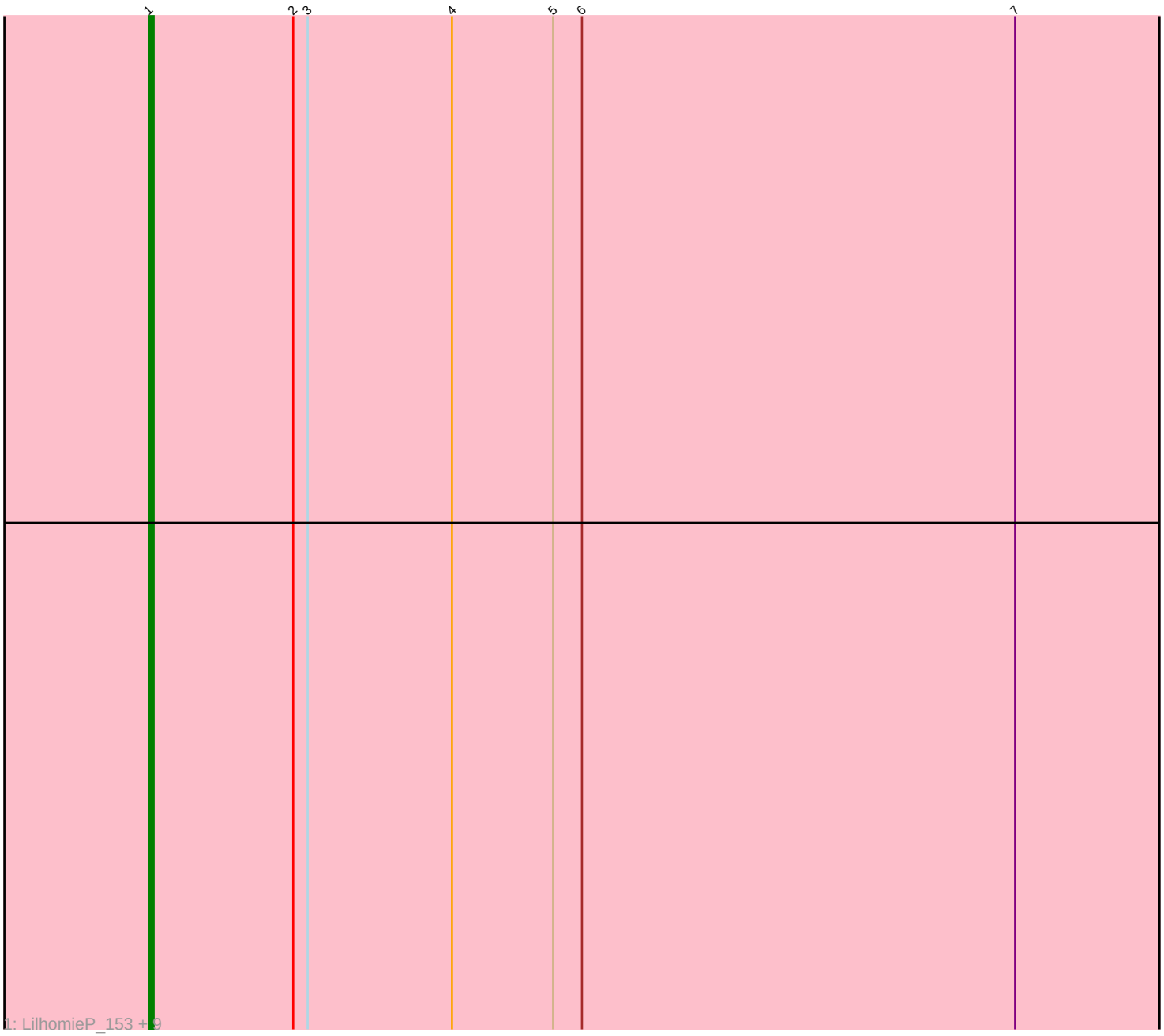
Pham 342796



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 342796 Report

This analysis was run 11/14/26 on database version 672.

Pham number 342796 has 10 members, 0 are drafts.

Phages represented in each track:
• Track 1 : LilhomieP_153, Glaske16_156, FreakyGoo_156, Izel_154, Bongo_151, Bricole_159, Dulcita_154, Skinny_161, PegLeg_157, Diminimus_154

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

Genes that call this "Most Annotated" start:
• Bongo_151, Bricole_159, Diminimus_154, Dulcita_154, FreakyGoo_156, Glaske16_156, Izel_154, LilhomieP_153, PegLeg_157, Skinny_161,

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 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: Bongo_151 (M1), Bricole_159 (M1), Diminimus_154 (M1), Dulcita_154 (M1), FreakyGoo_156 (M1), Glaske16_156 (M1), Izel_154 (M1), LilhomieP_153 (M1), PegLeg_157 (M1), Skinny_161 (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 10 times for cluster M1.

Gene Information:

Gene: Bongo_151 Start: 77219, Stop: 76998, Start Num: 1
Candidate Starts for Bongo_151:
(Start: 1 @77219 has 10 MA's), (2, 77189), (3, 77186), (4, 77156), (5, 77135), (6, 77129), (7, 77039),

Gene: Bricole_159 Start: 78120, Stop: 77899, Start Num: 1
Candidate Starts for Bricole_159:
(Start: 1 @78120 has 10 MA's), (2, 78090), (3, 78087), (4, 78057), (5, 78036), (6, 78030), (7, 77940),

Gene: Diminimus_154 Start: 77030, Stop: 76809, Start Num: 1
Candidate Starts for Diminimus_154:
(Start: 1 @77030 has 10 MA's), (2, 77000), (3, 76997), (4, 76967), (5, 76946), (6, 76940), (7, 76850),

Gene: Dulcita_154 Start: 77031, Stop: 76810, Start Num: 1
Candidate Starts for Dulcita_154:
(Start: 1 @77031 has 10 MA's), (2, 77001), (3, 76998), (4, 76968), (5, 76947), (6, 76941), (7, 76851),

Gene: FreakyGoo_156 Start: 78305, Stop: 78084, Start Num: 1
Candidate Starts for FreakyGoo_156:
(Start: 1 @78305 has 10 MA's), (2, 78275), (3, 78272), (4, 78242), (5, 78221), (6, 78215), (7, 78125),

Gene: Glaske16_156 Start: 78149, Stop: 77928, Start Num: 1
Candidate Starts for Glaske16_156:
(Start: 1 @78149 has 10 MA's), (2, 78119), (3, 78116), (4, 78086), (5, 78065), (6, 78059), (7, 77969),

Gene: Izel_154 Start: 77030, Stop: 76809, Start Num: 1
Candidate Starts for Izel_154:
(Start: 1 @77030 has 10 MA's), (2, 77000), (3, 76997), (4, 76967), (5, 76946), (6, 76940), (7, 76850),

Gene: LilhomieP_153 Start: 78062, Stop: 77841, Start Num: 1
Candidate Starts for LilhomieP_153:
(Start: 1 @78062 has 10 MA's), (2, 78032), (3, 78029), (4, 77999), (5, 77978), (6, 77972), (7, 77882),

Gene: PegLeg_157 Start: 77946, Stop: 77725, Start Num: 1
Candidate Starts for PegLeg_157:
(Start: 1 @77946 has 10 MA's), (2, 77916), (3, 77913), (4, 77883), (5, 77862), (6, 77856), (7, 77766),

Gene: Skinny_161 Start: 79063, Stop: 78842, Start Num: 1
Candidate Starts for Skinny_161:
(Start: 1 @79063 has 10 MA's), (2, 79033), (3, 79030), (4, 79000), (5, 78979), (6, 78973), (7, 78883),