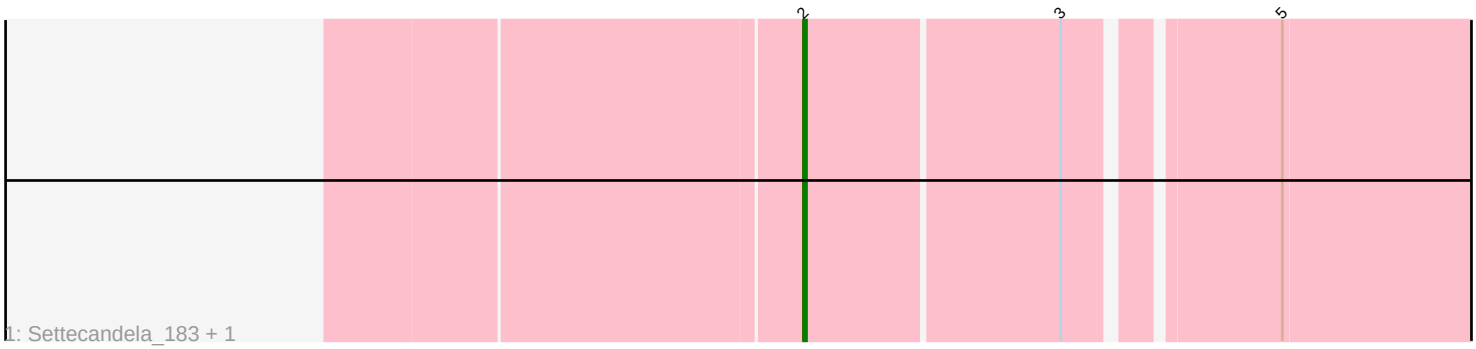
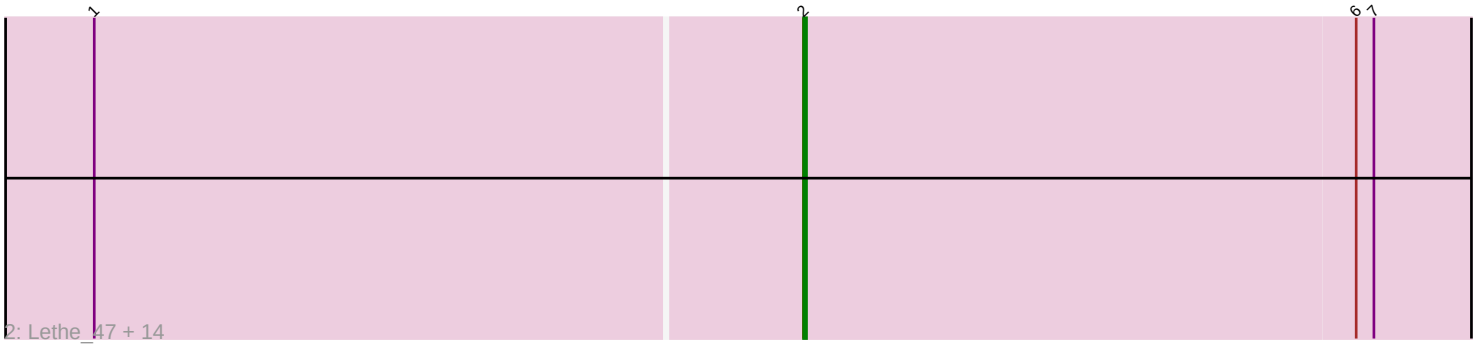
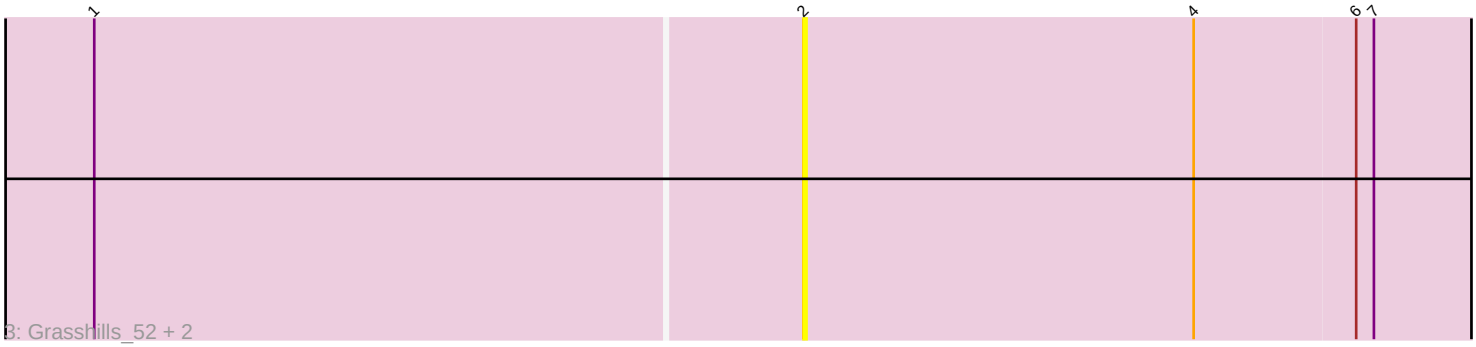
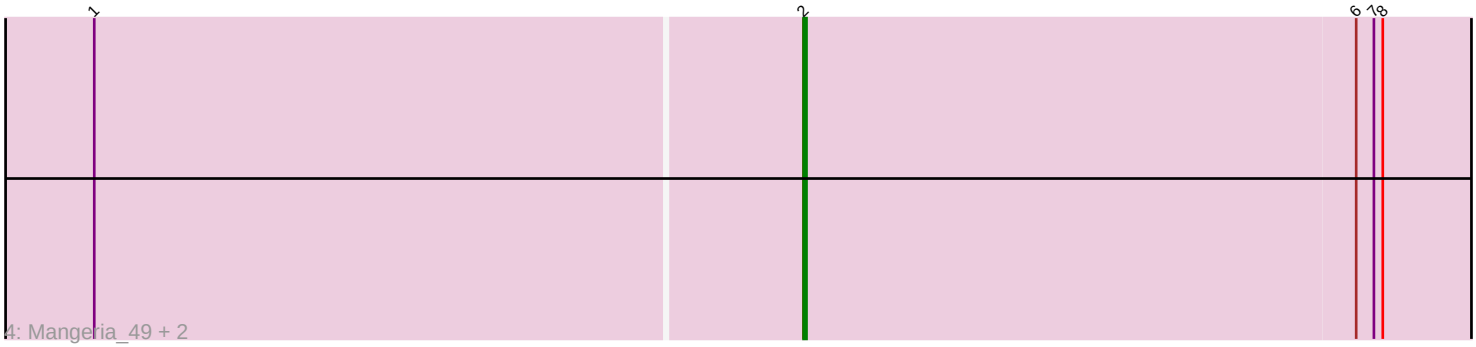
Pham 346137


2
3
5
1: Settecandela_183 + 1


1
2
6
7
2: Lethe_47 + 14


1
2
4
6
7
3: Grasshills_52 + 2


1
2
6
7
8
4: Mangeria_49 + 2

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 346137 Report

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

Pham number 346137 has 23 members, 4 are drafts.

Phages represented in each track:
• Track 1 : Settecandela_183, Phrappuccino_183
• Track 2 : Lethe_47, Bxz1_48, NoodleTree_47, Bangla1971_47, Phusco_47, Kamryn_47, Naval22_52, Pio_51, JayJay_52, Breeniome_48, Sebata_49, ShiaLabeouf_47, I3_49, JigglyPuff_50, Gabriel_48
• Track 3 : Grasshills_52, BigCity_52, EggyFarm_52
• Track 4 : Mangeria_49, Bigswole_53, NuevoMundo_50

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

The start number called the most often in the published annotations is 2, it was called in 19 of the 19 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Bangla1971_47, BigCity_52, Bigswole_53, Breeniome_48, Bxz1_48, EggyFarm_52, Gabriel_48, Grasshills_52, I3_49, JayJay_52, JigglyPuff_50, Kamryn_47, Lethe_47, Mangeria_49, Naval22_52, NoodleTree_47, NuevoMundo_50, Phrappuccino_183, Phusco_47, Pio_51, Sebata_49, Settecandela_183, ShiaLabeouf_47,

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 2:
• Found in 23 of 23 (100.0%) of genes in pham
• Manual Annotations of this start: 19 of 19
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Bangla1971_47 (C1), BigCity_52 (C1), Bigswole_53 (C1), Breeniome_48 (C1), Bxz1_48 (C1), EggyFarm_52 (C1), Gabriel_48 (C1), Grasshills_52 (C1), I3_49 (C1), JayJay_52 (C1), JigglyPuff_50 (C1), Kamryn_47 (C1), Lethe_47 (C1), Mangeria_49 (C1), Naval22_52 (C1),

NoodleTree_47 (C1), NuevoMundo_50 (C1), Phrappuccino_183 (AA), Phusco_47 (C1), Pio_51 (C1), Sebata_49 (C1), Settecandela_183 (AA), ShiaLabeouf_47 (C1),

Summary by clusters:

There are 2 clusters represented in this pham: AA, C1,

Info for manual annotations of cluster AA:
•Start number 2 was manually annotated 2 times for cluster AA.

Info for manual annotations of cluster C1:
•Start number 2 was manually annotated 17 times for cluster C1.

Gene Information:

Gene: Bangla1971_47 Start: 14699, Stop: 14953, Start Num: 2
Candidate Starts for Bangla1971_47:
(1, 14462), (Start: 2 @14699 has 19 MA's), (6, 14885), (7, 14891),

Gene: BigCity_52 Start: 16193, Stop: 16447, Start Num: 2
Candidate Starts for BigCity_52:
(1, 15956), (Start: 2 @16193 has 19 MA's), (4, 16325), (6, 16379), (7, 16385),

Gene: Bigswole_53 Start: 17094, Stop: 17348, Start Num: 2
Candidate Starts for Bigswole_53:
(1, 16857), (Start: 2 @17094 has 19 MA's), (6, 17280), (7, 17286), (8, 17289),

Gene: Breeniome_48 Start: 14131, Stop: 14385, Start Num: 2
Candidate Starts for Breeniome_48:
(1, 13894), (Start: 2 @14131 has 19 MA's), (6, 14317), (7, 14323),

Gene: Bxz1_48 Start: 15708, Stop: 15962, Start Num: 2
Candidate Starts for Bxz1_48:
(1, 15471), (Start: 2 @15708 has 19 MA's), (6, 15894), (7, 15900),

Gene: EggyFarm_52 Start: 16193, Stop: 16447, Start Num: 2
Candidate Starts for EggyFarm_52:
(1, 15956), (Start: 2 @16193 has 19 MA's), (4, 16325), (6, 16379), (7, 16385),

Gene: Gabriel_48 Start: 14122, Stop: 14376, Start Num: 2
Candidate Starts for Gabriel_48:
(1, 13885), (Start: 2 @14122 has 19 MA's), (6, 14308), (7, 14314),

Gene: Grasshills_52 Start: 16193, Stop: 16447, Start Num: 2
Candidate Starts for Grasshills_52:
(1, 15956), (Start: 2 @16193 has 19 MA's), (4, 16325), (6, 16379), (7, 16385),

Gene: I3_49 Start: 15339, Stop: 15593, Start Num: 2
Candidate Starts for I3_49:
(1, 15102), (Start: 2 @15339 has 19 MA's), (6, 15525), (7, 15531),

Gene: JayJay_52 Start: 15436, Stop: 15690, Start Num: 2
Candidate Starts for JayJay_52:
(1, 15199), (Start: 2 @15436 has 19 MA's), (6, 15622), (7, 15628),

Gene: JigglyPuff_50 Start: 15797, Stop: 16051, Start Num: 2
Candidate Starts for JigglyPuff_50:
(1, 15560), (Start: 2 @15797 has 19 MA's), (6, 15983), (7, 15989),

Gene: Kamryn_47 Start: 14568, Stop: 14822, Start Num: 2
Candidate Starts for Kamryn_47:
(1, 14331), (Start: 2 @14568 has 19 MA's), (6, 14754), (7, 14760),

Gene: Lethe_47 Start: 15004, Stop: 15258, Start Num: 2
Candidate Starts for Lethe_47:
(1, 14767), (Start: 2 @15004 has 19 MA's), (6, 15190), (7, 15196),

Gene: Mangeria_49 Start: 15547, Stop: 15801, Start Num: 2
Candidate Starts for Mangeria_49:
(1, 15310), (Start: 2 @15547 has 19 MA's), (6, 15733), (7, 15739), (8, 15742),

Gene: Naval22_52 Start: 15813, Stop: 16067, Start Num: 2
Candidate Starts for Naval22_52:
(1, 15576), (Start: 2 @15813 has 19 MA's), (6, 15999), (7, 16005),

Gene: NoodleTree_47 Start: 15236, Stop: 15490, Start Num: 2
Candidate Starts for NoodleTree_47:
(1, 14999), (Start: 2 @15236 has 19 MA's), (6, 15422), (7, 15428),

Gene: NuevoMundo_50 Start: 15849, Stop: 16103, Start Num: 2
Candidate Starts for NuevoMundo_50:
(1, 15612), (Start: 2 @15849 has 19 MA's), (6, 16035), (7, 16041), (8, 16044),

Gene: Phrappuccino_183 Start: 119578, Stop: 119832, Start Num: 2
Candidate Starts for Phrappuccino_183:
(Start: 2 @119578 has 19 MA's), (3, 119662), (5, 119725),

Gene: Phusco_47 Start: 14699, Stop: 14953, Start Num: 2
Candidate Starts for Phusco_47:
(1, 14462), (Start: 2 @14699 has 19 MA's), (6, 14885), (7, 14891),

Gene: Pio_51 Start: 16097, Stop: 16351, Start Num: 2
Candidate Starts for Pio_51:
(1, 15860), (Start: 2 @16097 has 19 MA's), (6, 16283), (7, 16289),

Gene: Sebata_49 Start: 15815, Stop: 16069, Start Num: 2
Candidate Starts for Sebata_49:
(1, 15578), (Start: 2 @15815 has 19 MA's), (6, 16001), (7, 16007),

Gene: Settecandela_183 Start: 119578, Stop: 119832, Start Num: 2
Candidate Starts for Settecandela_183:
(Start: 2 @119578 has 19 MA's), (3, 119662), (5, 119725),

Gene: ShiaLabeouf_47 Start: 14326, Stop: 14580, Start Num: 2

Candidate Starts for ShiaLabeouf_47:
(1, 14089), (Start: 2 @14326 has 19 MA's), (6, 14512), (7, 14518),