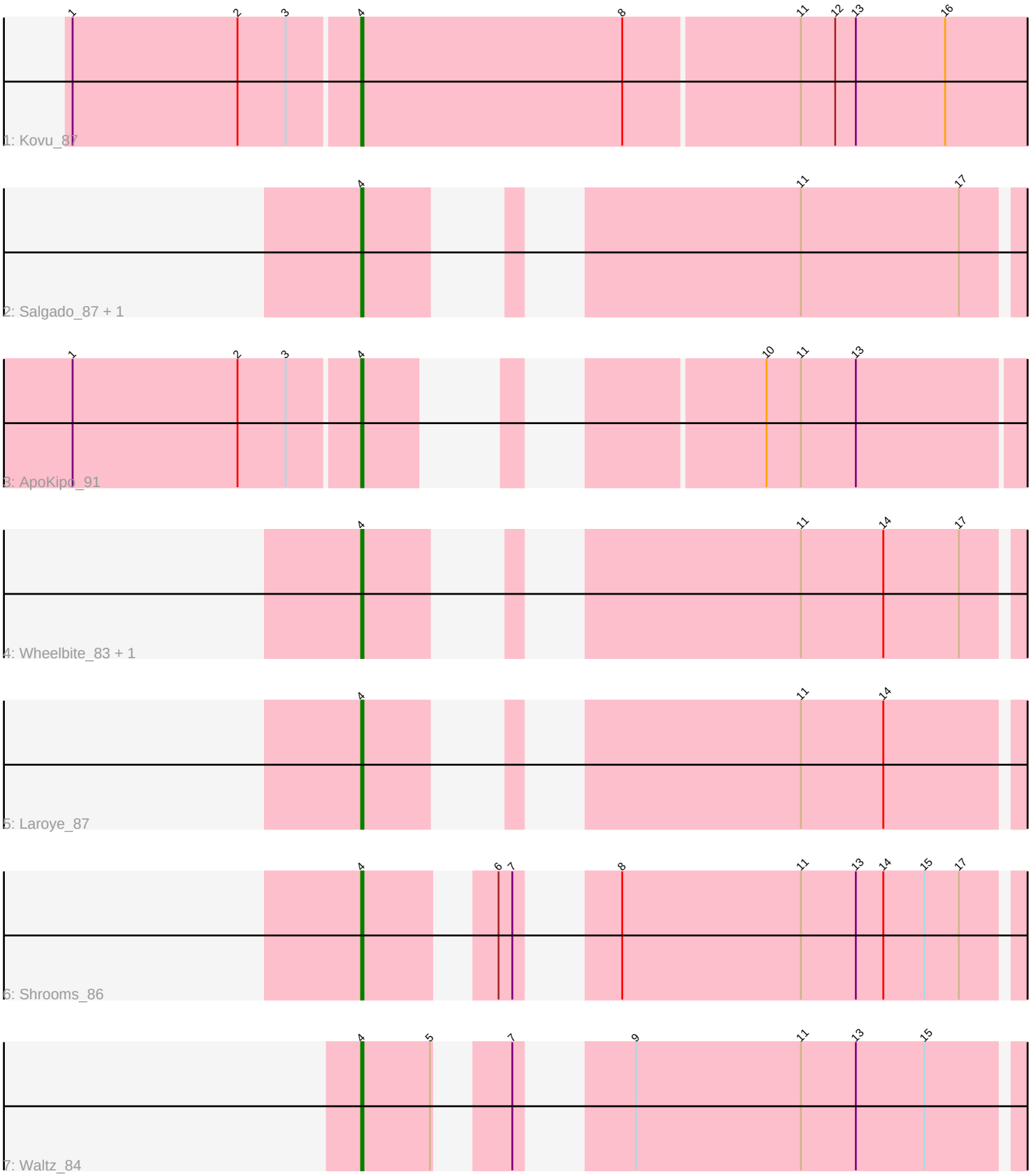
Pham 346451


1
2
3
4
8
11
12
13
16
1: Kovu_87
4
11
17
2: Salgado_87 + 1
1
2
3
4
10
11
13
3: ApoKipo_91
4
11
14
17
4: Wheelbite_83 + 1
4
11
14
5: Laroye_87
4
6
7
8
11
13
14
15
17
6: Shrooms_86
4
5
7
9
11
13
15
7: Waltz_84

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 346451 Report

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

Pham number 346451 has 9 members, 0 are drafts.

Phages represented in each track:
• Track 1 : Kovu_87
• Track 2 : Salgado_87, LiSara_84
• Track 3 : ApoKipo_91
• Track 4 : Wheelbite_83, Edmundo_86
• Track 5 : Laroye_87
• Track 6 : Shrooms_86
• Track 7 : Waltz_84

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

The start number called the most often in the published annotations is 4, it was called in 9 of the 9 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• ApoKipo_91, Edmundo_86, Kovu_87, Laroye_87, LiSara_84, Salgado_87, Shrooms_86, Waltz_84, Wheelbite_83,

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 4:
• Found in 9 of 9 (100.0%) of genes in pham
• Manual Annotations of this start: 9 of 9
• Called 100.0% of time when present
• Phage (with cluster) where this start called: ApoKipo_91 (AL), Edmundo_86 (AL), Kovu_87 (AL), Laroye_87 (AL), LiSara_84 (AL), Salgado_87 (AL), Shrooms_86 (AL), Waltz_84 (AL), Wheelbite_83 (AL),

Summary by clusters:

There is one cluster represented in this pham: AL

Info for manual annotations of cluster AL:
•Start number 4 was manually annotated 9 times for cluster AL.

Gene Information:

Gene: ApoKipo_91 Start: 53235, Stop: 53489, Start Num: 4
Candidate Starts for ApoKipo_91:
(1, 53112), (2, 53184), (3, 53205), (Start: 4 @53235 has 9 MA's), (10, 53346), (11, 53361), (13, 53385),

Gene: Edmundo_86 Start: 51838, Stop: 52095, Start Num: 4
Candidate Starts for Edmundo_86:
(Start: 4 @51838 has 9 MA's), (11, 51970), (14, 52006), (17, 52039),

Gene: Kovu_87 Start: 52588, Stop: 52920, Start Num: 4
Candidate Starts for Kovu_87:
(1, 52465), (2, 52537), (3, 52558), (Start: 4 @52588 has 9 MA's), (8, 52702), (11, 52777), (12, 52792), (13, 52801), (16, 52840),

Gene: Laroye_87 Start: 51610, Stop: 51867, Start Num: 4
Candidate Starts for Laroye_87:
(Start: 4 @51610 has 9 MA's), (11, 51742), (14, 51778),

Gene: LiSara_84 Start: 51744, Stop: 52001, Start Num: 4
Candidate Starts for LiSara_84:
(Start: 4 @51744 has 9 MA's), (11, 51876), (17, 51945),

Gene: Salgado_87 Start: 51414, Stop: 51671, Start Num: 4
Candidate Starts for Salgado_87:
(Start: 4 @51414 has 9 MA's), (11, 51546), (17, 51615),

Gene: Shrooms_86 Start: 51074, Stop: 51343, Start Num: 4
Candidate Starts for Shrooms_86:
(Start: 4 @51074 has 9 MA's), (6, 51116), (7, 51122), (8, 51143), (11, 51221), (13, 51245), (14, 51257), (15, 51275), (17, 51290),

Gene: Waltz_84 Start: 49862, Stop: 50131, Start Num: 4
Candidate Starts for Waltz_84:
(Start: 4 @49862 has 9 MA's), (5, 49892), (7, 49910), (9, 49937), (11, 50009), (13, 50033), (15, 50063),

Gene: Wheelbite_83 Start: 51572, Stop: 51829, Start Num: 4
Candidate Starts for Wheelbite_83:
(Start: 4 @51572 has 9 MA's), (11, 51704), (14, 51740), (17, 51773),