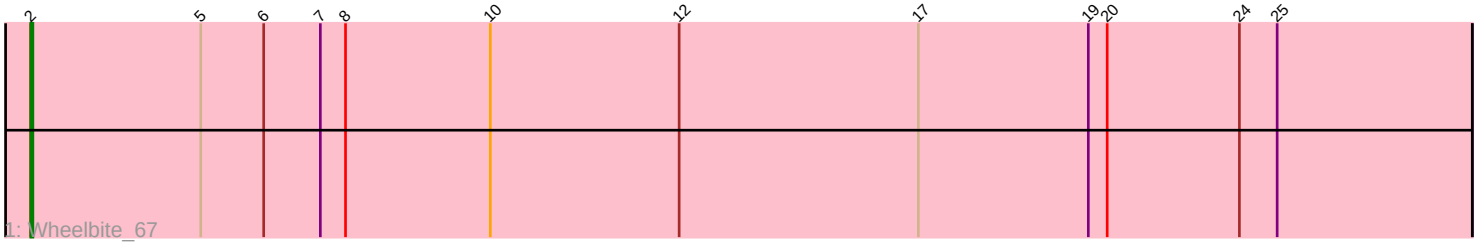
Pham 87930


2
5
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8
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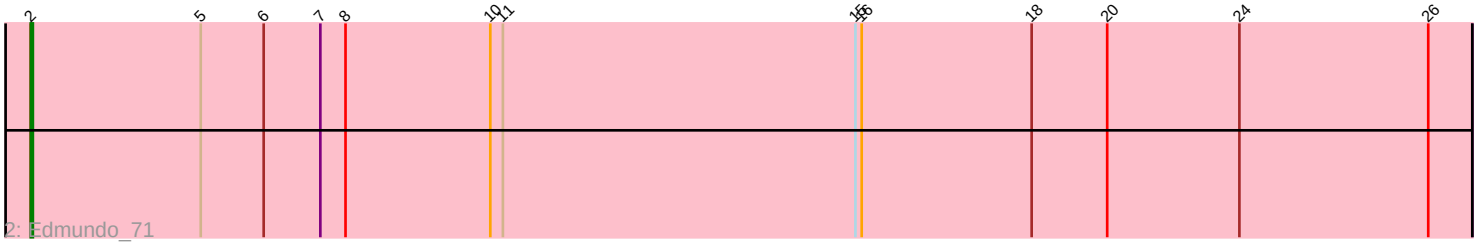
12
17
19
20
24
25
1: Wheelbite_67


2
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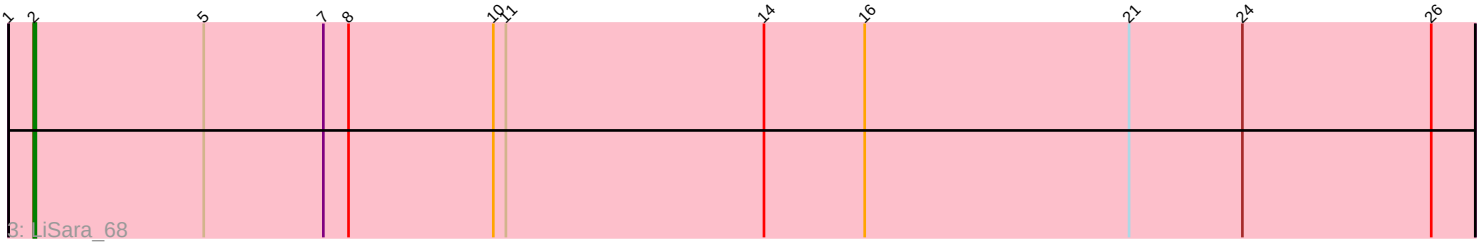
24
26
2: Edmundo_71


1
2
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8
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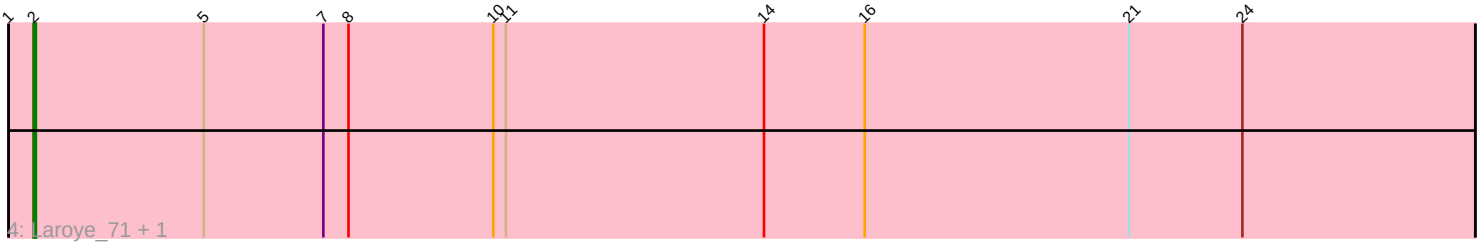
16
21
24
26
3: LiSara_68


1
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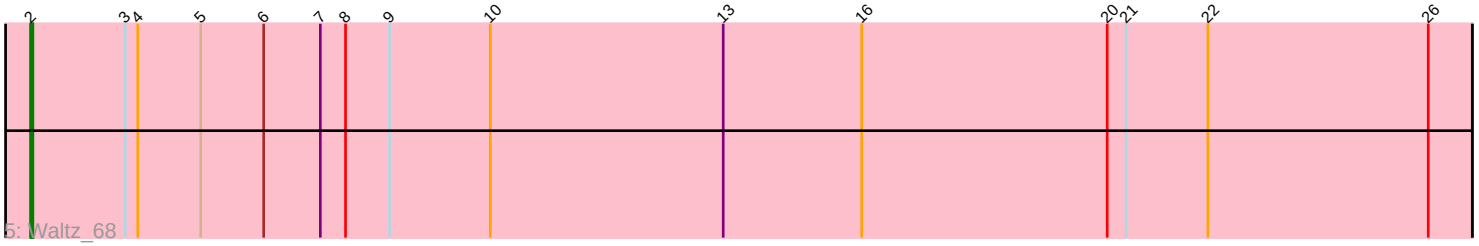
24
4: Laroye_71 + 1


2
3
4
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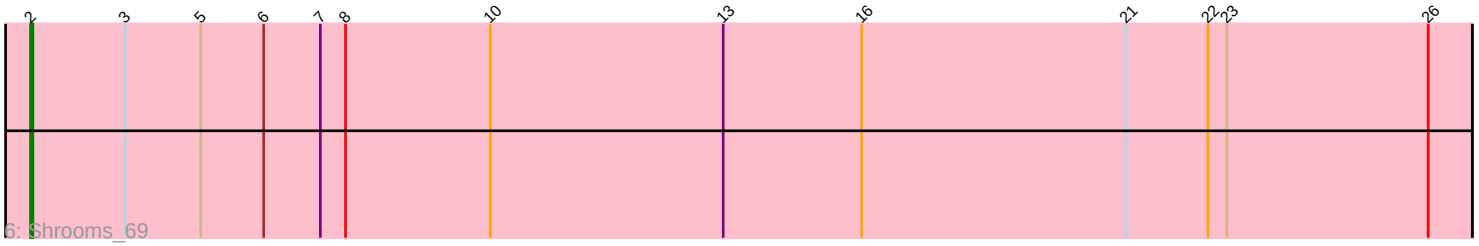
5: Waltz_68


2
3
5
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26
6: Shrooms_69

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 87930 Report

This analysis was run 04/05/24 on database version 557.

Pham number 87930 has 7 members, 0 are drafts.

Phages represented in each track:
• Track 1 : Wheelbite_67
• Track 2 : Edmundo_71
• Track 3 : LiSara_68
• Track 4 : Laroye_71, Salgado_71
• Track 5 : Waltz_68
• Track 6 : Shrooms_69

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

Genes that call this "Most Annotated" start:
• Edmundo_71, Laroye_71, LiSara_68, Salgado_71, Shrooms_69, Waltz_68, Wheelbite_67,

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 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: Edmundo_71 (AL), Laroye_71 (AL), LiSara_68 (AL), Salgado_71 (AL), Shrooms_69 (AL), Waltz_68 (AL), Wheelbite_67 (AL),

Summary by clusters:

There is one cluster represented in this pham: AL

Info for manual annotations of cluster AL:
•Start number 2 was manually annotated 7 times for cluster AL.

Gene Information:

Gene: Edmundo_71 Start: 44360, Stop: 45046, Start Num: 2
Candidate Starts for Edmundo_71:
(Start: 2 @44360 has 7 MA's), (5, 44441), (6, 44471), (7, 44498), (8, 44510), (10, 44579), (11, 44585), (15, 44753), (16, 44756), (18, 44837), (20, 44873), (24, 44936), (26, 45026),

Gene: Laroye_71 Start: 43750, Stop: 44436, Start Num: 2
Candidate Starts for Laroye_71:
(1, 43738), (Start: 2 @43750 has 7 MA's), (5, 43831), (7, 43888), (8, 43900), (10, 43969), (11, 43975), (14, 44098), (16, 44146), (21, 44272), (24, 44326),

Gene: LiSara_68 Start: 43912, Stop: 44598, Start Num: 2
Candidate Starts for LiSara_68:
(1, 43900), (Start: 2 @43912 has 7 MA's), (5, 43993), (7, 44050), (8, 44062), (10, 44131), (11, 44137), (14, 44260), (16, 44308), (21, 44434), (24, 44488), (26, 44578),

Gene: Salgado_71 Start: 43566, Stop: 44252, Start Num: 2
Candidate Starts for Salgado_71:
(1, 43554), (Start: 2 @43566 has 7 MA's), (5, 43647), (7, 43704), (8, 43716), (10, 43785), (11, 43791), (14, 43914), (16, 43962), (21, 44088), (24, 44142),

Gene: Shrooms_69 Start: 42088, Stop: 42774, Start Num: 2
Candidate Starts for Shrooms_69:
(Start: 2 @42088 has 7 MA's), (3, 42133), (5, 42169), (6, 42199), (7, 42226), (8, 42238), (10, 42307), (13, 42418), (16, 42484), (21, 42610), (22, 42649), (23, 42658), (26, 42754),

Gene: Waltz_68 Start: 42101, Stop: 42787, Start Num: 2
Candidate Starts for Waltz_68:
(Start: 2 @42101 has 7 MA's), (3, 42146), (4, 42152), (5, 42182), (6, 42212), (7, 42239), (8, 42251), (9, 42272), (10, 42320), (13, 42431), (16, 42497), (20, 42614), (21, 42623), (22, 42662), (26, 42767),

Gene: Wheelbite_67 Start: 43718, Stop: 44404, Start Num: 2
Candidate Starts for Wheelbite_67:
(Start: 2 @43718 has 7 MA's), (5, 43799), (6, 43829), (7, 43856), (8, 43868), (10, 43937), (12, 44027), (17, 44141), (19, 44222), (20, 44231), (24, 44294), (25, 44312),