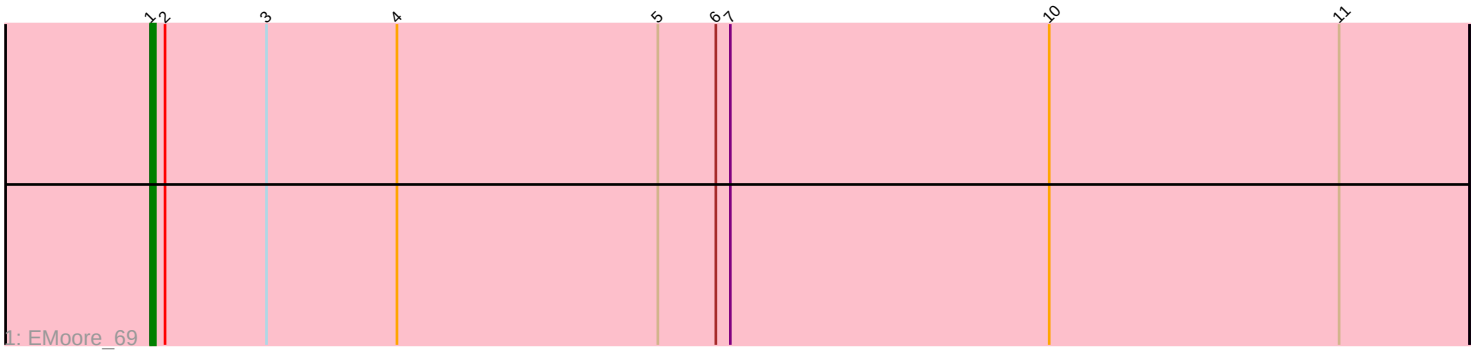
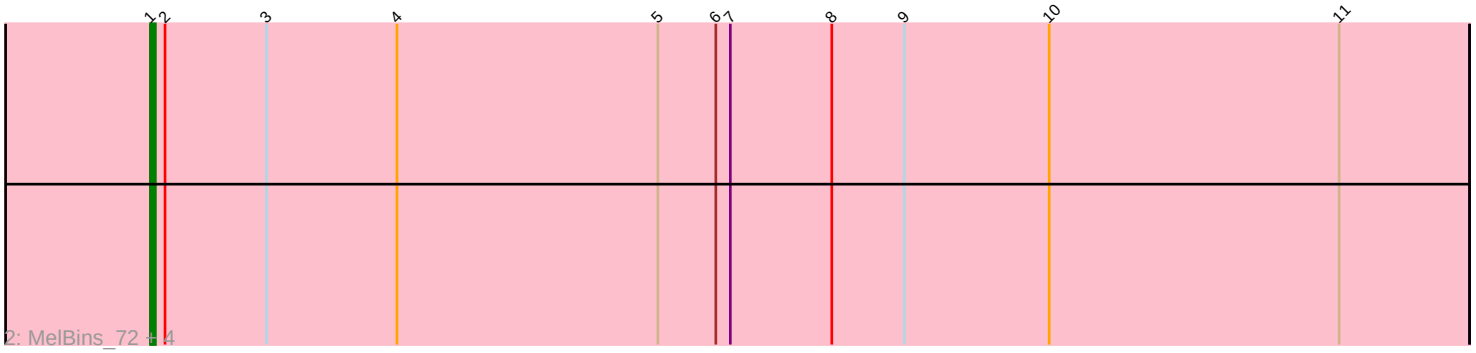
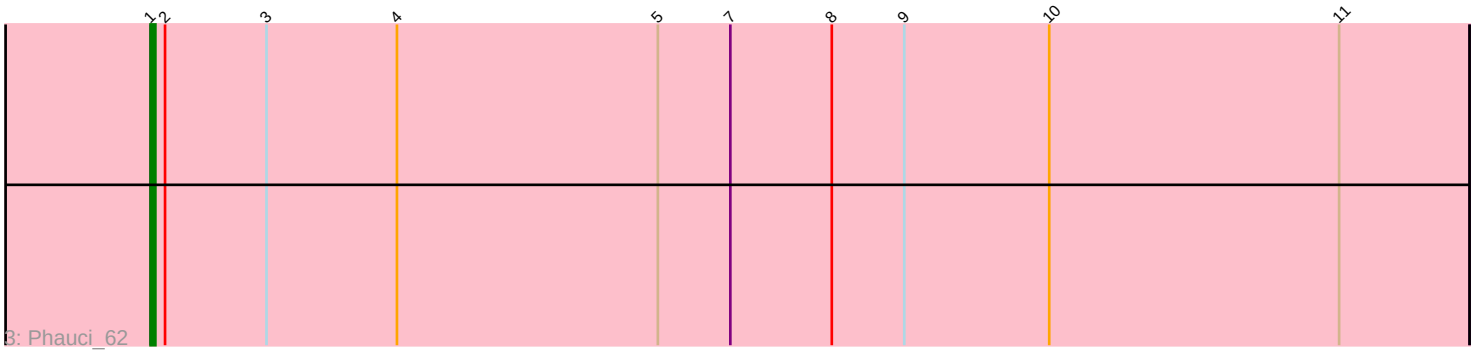
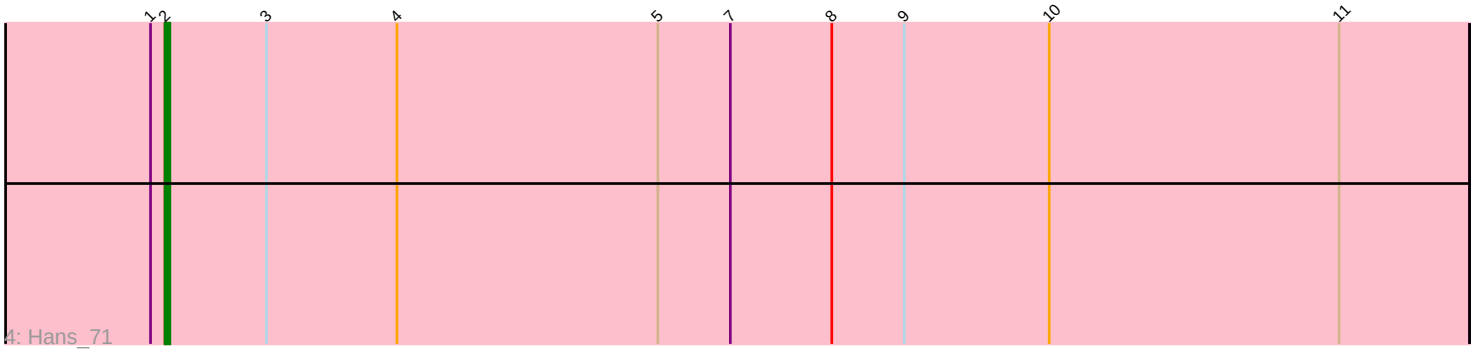
Pham 278901


1
2
3
4
5
6
7
10
11
1: EMoore_69


1
2
3
4
5
6
7
8
9
10
11
2: MelBins_72 + 4


1
2
3
4
5
7
8
9
10
11
3: Phauci_62


1
2
3
4
5
7
8
9
10
11
4: Hans_71

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 278901 Report

This analysis was run 02/07/26 on database version 634.

Pham number 278901 has 8 members, 0 are drafts.

Phages represented in each track:
• Track 1 : EMoore_69
• Track 2 : MelBins_72, Phinally_70, Inspectinfecti_71, Ali17_67, Leonard_70
• Track 3 : Phauci_62
• Track 4 : Hans_71

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 7 of the 8 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Ali17_67, EMoore_69, Inspectinfecti_71, Leonard_70, MelBins_72, Phauci_62, Phinally_70,

Genes that have the "Most Annotated" start but do not call it:
• Hans_71,

Genes that do not have the "Most Annotated" start:
•

Summary by start number:

Start 1:
• Found in 8 of 8 (100.0%) of genes in pham
• Manual Annotations of this start: 7 of 8
• Called 87.5% of time when present
• Phage (with cluster) where this start called: Ali17_67 (DE2), EMoore_69 (DE2), Inspectinfecti_71 (DE2), Leonard_70 (DE2), MelBins_72 (DE2), Phauci_62 (DE2), Phinally_70 (DE2),

Start 2:
• Found in 8 of 8 (100.0%) of genes in pham
• Manual Annotations of this start: 1 of 8
• Called 12.5% of time when present

• Phage (with cluster) where this start called: Hans_71 (DE2),

Summary by clusters:

There is one cluster represented in this pham: DE2

Info for manual annotations of cluster DE2:
•Start number 1 was manually annotated 7 times for cluster DE2.
•Start number 2 was manually annotated 1 time for cluster DE2.

Gene Information:

Gene: Ali17_67 Start: 52159, Stop: 52431, Start Num: 1
Candidate Starts for Ali17_67:
(Start: 1 @52159 has 7 MA's), (Start: 2 @52162 has 1 MA's), (3, 52183), (4, 52210), (5, 52264), (6, 52276), (7, 52279), (8, 52300), (9, 52315), (10, 52345), (11, 52405),

Gene: EMoore_69 Start: 53779, Stop: 54051, Start Num: 1
Candidate Starts for EMoore_69:
(Start: 1 @53779 has 7 MA's), (Start: 2 @53782 has 1 MA's), (3, 53803), (4, 53830), (5, 53884), (6, 53896), (7, 53899), (10, 53965), (11, 54025),

Gene: Hans_71 Start: 53035, Stop: 53304, Start Num: 2
Candidate Starts for Hans_71:
(Start: 1 @53032 has 7 MA's), (Start: 2 @53035 has 1 MA's), (3, 53056), (4, 53083), (5, 53137), (7, 53152), (8, 53173), (9, 53188), (10, 53218), (11, 53278),

Gene: Inspectinfecti_71 Start: 53003, Stop: 53275, Start Num: 1
Candidate Starts for Inspectinfecti_71:
(Start: 1 @53003 has 7 MA's), (Start: 2 @53006 has 1 MA's), (3, 53027), (4, 53054), (5, 53108), (6, 53120), (7, 53123), (8, 53144), (9, 53159), (10, 53189), (11, 53249),

Gene: Leonard_70 Start: 53066, Stop: 53338, Start Num: 1
Candidate Starts for Leonard_70:
(Start: 1 @53066 has 7 MA's), (Start: 2 @53069 has 1 MA's), (3, 53090), (4, 53117), (5, 53171), (6, 53183), (7, 53186), (8, 53207), (9, 53222), (10, 53252), (11, 53312),

Gene: MelBins_72 Start: 53274, Stop: 53546, Start Num: 1
Candidate Starts for MelBins_72:
(Start: 1 @53274 has 7 MA's), (Start: 2 @53277 has 1 MA's), (3, 53298), (4, 53325), (5, 53379), (6, 53391), (7, 53394), (8, 53415), (9, 53430), (10, 53460), (11, 53520),

Gene: Phauci_62 Start: 50109, Stop: 50381, Start Num: 1
Candidate Starts for Phauci_62:
(Start: 1 @50109 has 7 MA's), (Start: 2 @50112 has 1 MA's), (3, 50133), (4, 50160), (5, 50214), (7, 50229), (8, 50250), (9, 50265), (10, 50295), (11, 50355),

Gene: Phinally_70 Start: 53063, Stop: 53335, Start Num: 1
Candidate Starts for Phinally_70:
(Start: 1 @53063 has 7 MA's), (Start: 2 @53066 has 1 MA's), (3, 53087), (4, 53114), (5, 53168), (6, 53180), (7, 53183), (8, 53204), (9, 53219), (10, 53249), (11, 53309),