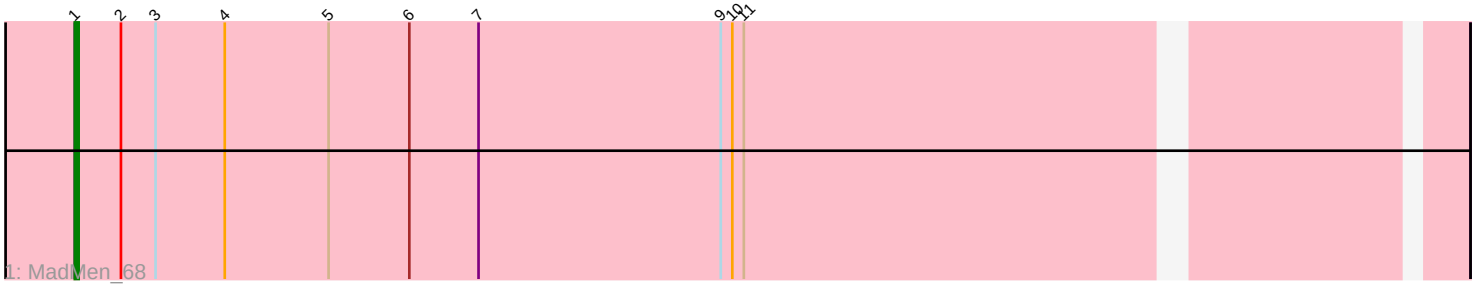
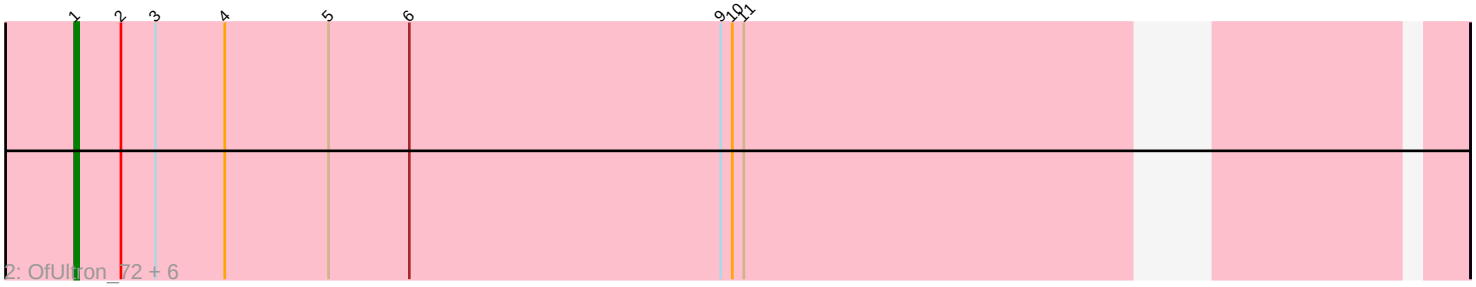
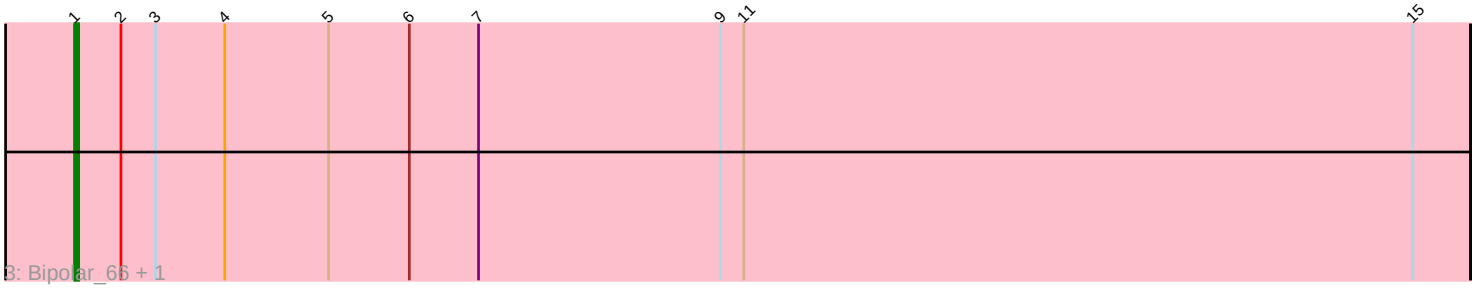
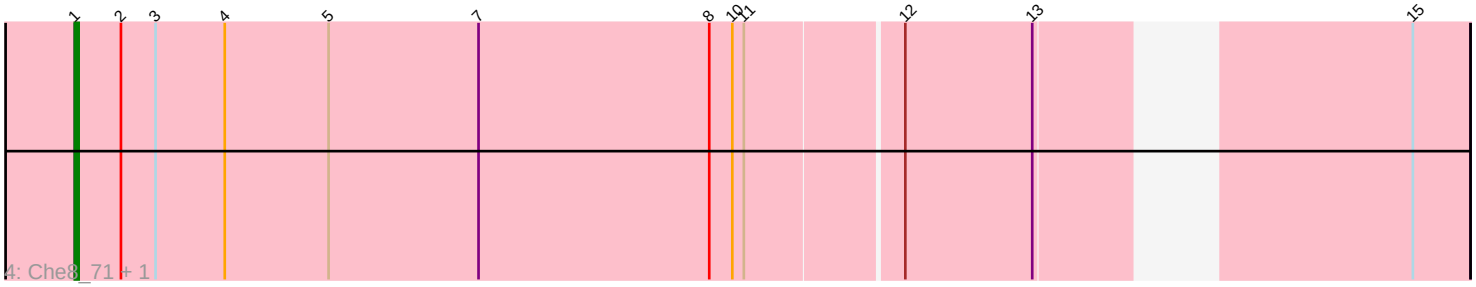
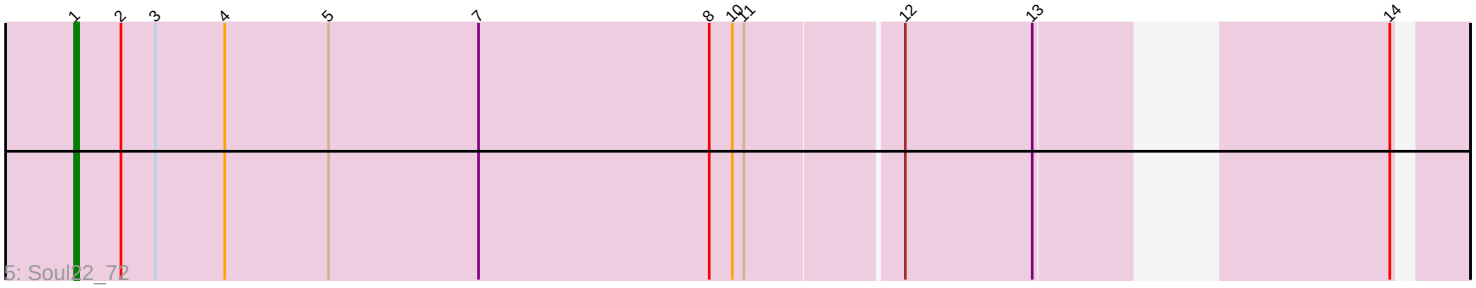
Pham 278754


1
2
3
4
5
6
7
9
10
11
1: MadMen_68


1
2
3
4
5
6
9
10
11
2: OfUltron_72 + 6


1
2
3
4
5
6
7
9
11
15
3: Bipolar_66 + 1


1
2
3
4
5
7
8
10
11
12
13
15
4: Che8_71 + 1


1
2
3
4
5
7
8
10
11
12
13
14
5: Soul32_72

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 278754 Report

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

Pham number 278754 has 13 members, 0 are drafts.

Phages represented in each track:
• Track 1 : MadMen_68
• Track 2 : OfUltron_72, Ochi17_70, Llama_71, Modragons_70, Jinglebell_72, AlpineSix_72, Seabastian_72
• Track 3 : Bipolar_66, Karhdo_65
• Track 4 : Che8_71, Cheesepuff_75
• Track 5 : Soul22_72

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 13 of the 13 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• AlpineSix_72, Bipolar_66, Che8_71, Cheesepuff_75, Jinglebell_72, Karhdo_65, Llama_71, MadMen_68, Modragons_70, Ochi17_70, OfUltron_72, Seabastian_72, Soul22_72,

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 13 of 13 (100.0%) of genes in pham
• Manual Annotations of this start: 13 of 13
• Called 100.0% of time when present
• Phage (with cluster) where this start called: AlpineSix_72 (F1), Bipolar_66 (F1), Che8_71 (F1), Cheesepuff_75 (F1), Jinglebell_72 (F1), Karhdo_65 (F1), Llama_71 (F1), MadMen_68 (F1), Modragons_70 (F1), Ochi17_70 (F1), OfUltron_72 (F1), Seabastian_72 (F1), Soul22_72 (F2),

Summary by clusters:

There are 2 clusters represented in this pham: F1, F2,

Info for manual annotations of cluster F1:
•Start number 1 was manually annotated 12 times for cluster F1.

Info for manual annotations of cluster F2:
•Start number 1 was manually annotated 1 time for cluster F2.

Gene Information:

Gene: AlpineSix_72 Start: 45678, Stop: 46013, Start Num: 1
Candidate Starts for AlpineSix_72:
(Start: 1 @45678 has 13 MA's), (2, 45690), (3, 45699), (4, 45717), (5, 45744), (6, 45765), (9, 45846), (10, 45849), (11, 45852),

Gene: Bipolar_66 Start: 43049, Stop: 43411, Start Num: 1
Candidate Starts for Bipolar_66:
(Start: 1 @43049 has 13 MA's), (2, 43061), (3, 43070), (4, 43088), (5, 43115), (6, 43136), (7, 43154), (9, 43217), (11, 43223), (15, 43397),

Gene: Che8_71 Start: 45454, Stop: 45789, Start Num: 1
Candidate Starts for Che8_71:
(Start: 1 @45454 has 13 MA's), (2, 45466), (3, 45475), (4, 45493), (5, 45520), (7, 45559), (8, 45619), (10, 45625), (11, 45628), (12, 45667), (13, 45700), (15, 45775),

Gene: Cheesepuff_75 Start: 44839, Stop: 45174, Start Num: 1
Candidate Starts for Cheesepuff_75:
(Start: 1 @44839 has 13 MA's), (2, 44851), (3, 44860), (4, 44878), (5, 44905), (7, 44944), (8, 45004), (10, 45010), (11, 45013), (12, 45052), (13, 45085), (15, 45160),

Gene: Jinglebell_72 Start: 45677, Stop: 46012, Start Num: 1
Candidate Starts for Jinglebell_72:
(Start: 1 @45677 has 13 MA's), (2, 45689), (3, 45698), (4, 45716), (5, 45743), (6, 45764), (9, 45845), (10, 45848), (11, 45851),

Gene: Karhdo_65 Start: 43664, Stop: 44026, Start Num: 1
Candidate Starts for Karhdo_65:
(Start: 1 @43664 has 13 MA's), (2, 43676), (3, 43685), (4, 43703), (5, 43730), (6, 43751), (7, 43769), (9, 43832), (11, 43838), (15, 44012),

Gene: Llama_71 Start: 45532, Stop: 45867, Start Num: 1
Candidate Starts for Llama_71:
(Start: 1 @45532 has 13 MA's), (2, 45544), (3, 45553), (4, 45571), (5, 45598), (6, 45619), (9, 45700), (10, 45703), (11, 45706),

Gene: MadMen_68 Start: 44017, Stop: 44364, Start Num: 1
Candidate Starts for MadMen_68:
(Start: 1 @44017 has 13 MA's), (2, 44029), (3, 44038), (4, 44056), (5, 44083), (6, 44104), (7, 44122), (9, 44185), (10, 44188), (11, 44191),

Gene: Modragons_70 Start: 45521, Stop: 45856, Start Num: 1
Candidate Starts for Modragons_70:
(Start: 1 @45521 has 13 MA's), (2, 45533), (3, 45542), (4, 45560), (5, 45587), (6, 45608), (9, 45689), (10, 45692), (11, 45695),

Gene: Ochi17_70 Start: 45128, Stop: 45463, Start Num: 1
Candidate Starts for Ochi17_70:
(Start: 1 @45128 has 13 MA's), (2, 45140), (3, 45149), (4, 45167), (5, 45194), (6, 45215), (9, 45296), (10, 45299), (11, 45302),

Gene: OfUltron_72 Start: 45677, Stop: 46012, Start Num: 1
Candidate Starts for OfUltron_72:
(Start: 1 @45677 has 13 MA's), (2, 45689), (3, 45698), (4, 45716), (5, 45743), (6, 45764), (9, 45845), (10, 45848), (11, 45851),

Gene: Seabastian_72 Start: 45678, Stop: 46013, Start Num: 1
Candidate Starts for Seabastian_72:
(Start: 1 @45678 has 13 MA's), (2, 45690), (3, 45699), (4, 45717), (5, 45744), (6, 45765), (9, 45846), (10, 45849), (11, 45852),

Gene: Soul22_72 Start: 43836, Stop: 44165, Start Num: 1
Candidate Starts for Soul22_72:
(Start: 1 @43836 has 13 MA's), (2, 43848), (3, 43857), (4, 43875), (5, 43902), (7, 43941), (8, 44001), (10, 44007), (11, 44010), (12, 44049), (13, 44082), (14, 44151),