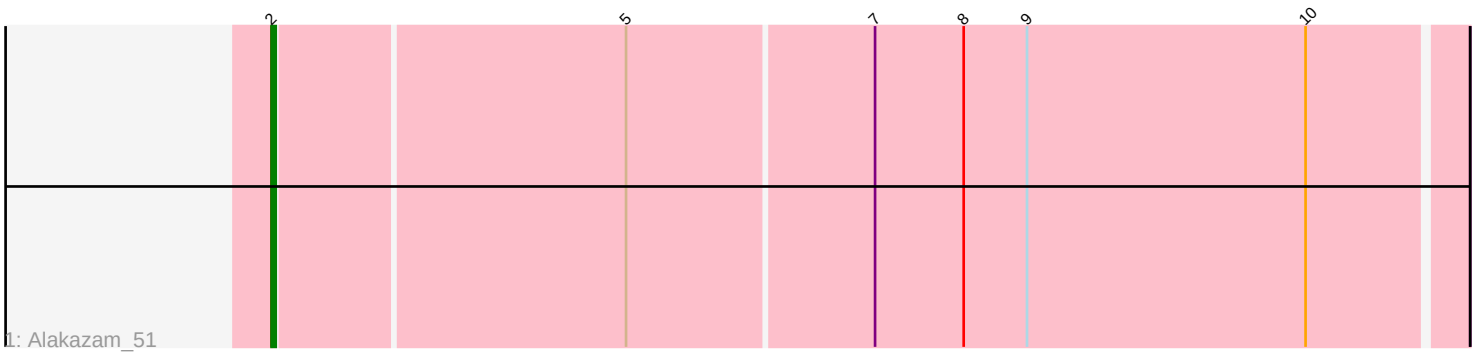
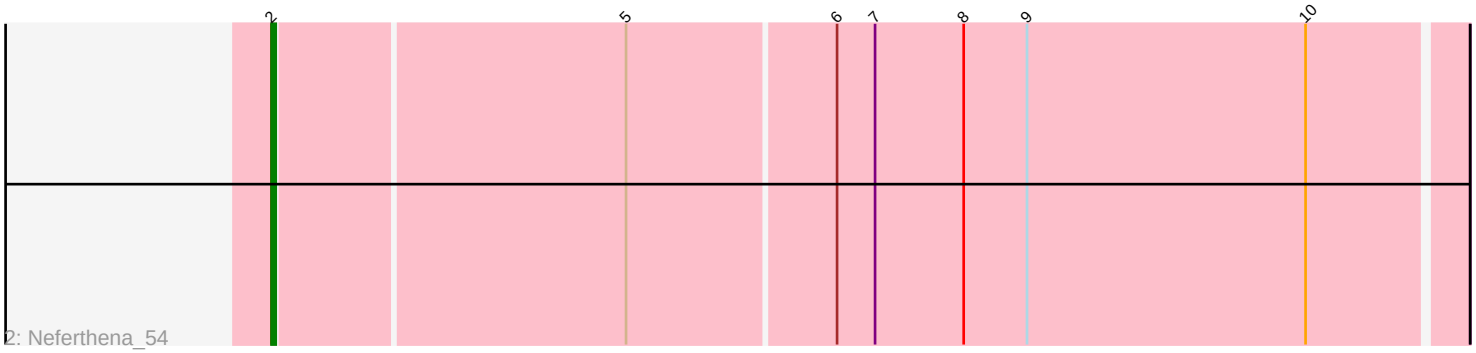
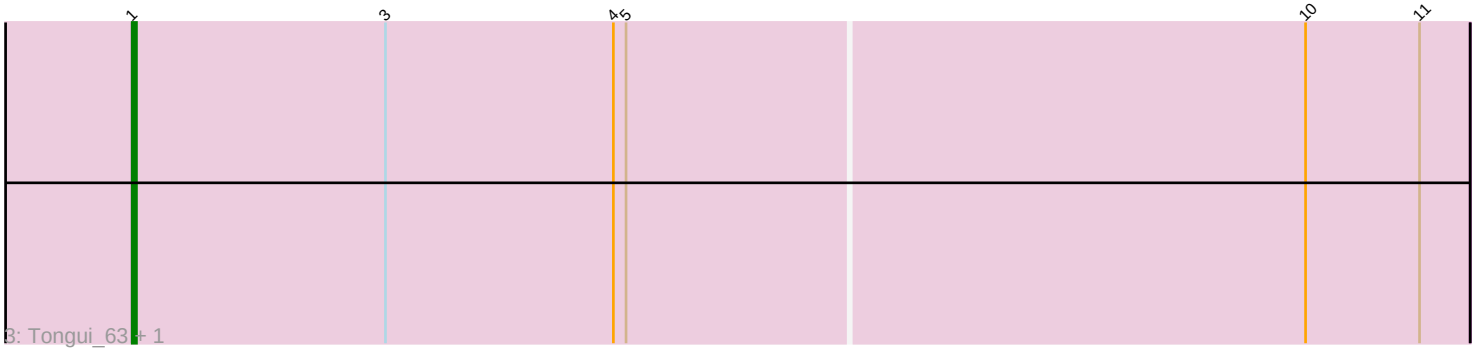
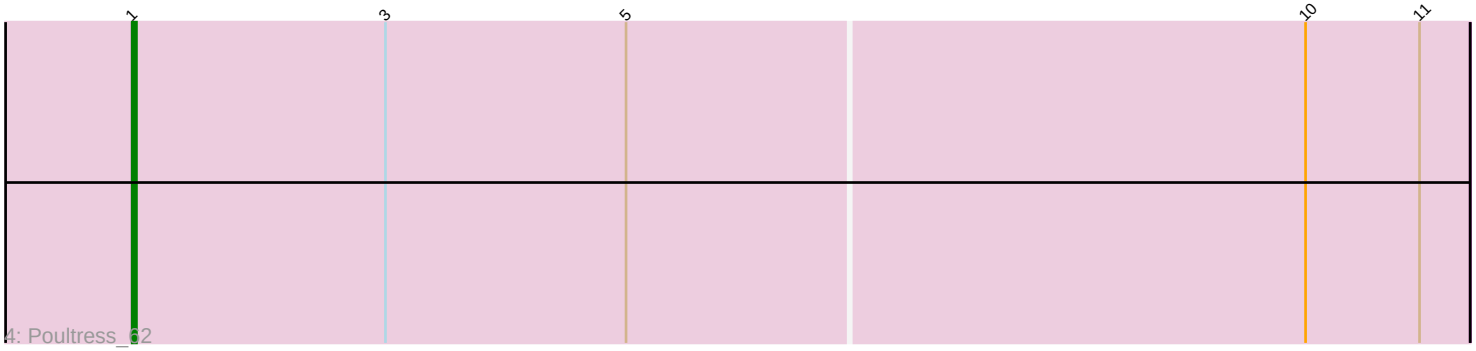
Pham 284580


2
5
7
8
9
10
1: Alakazam_51


2
5
6
7
8
9
10
2: Neferthena_54


1
3
4
5
10
11
3: Tongui_63 + 1


1
3
5
10
11
4: Poultress_62

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 284580 Report

This analysis was run 02/23/26 on database version 636.

Pham number 284580 has 5 members, 1 are drafts.

Phages represented in each track:
• Track 1 : Alakazam_51
• Track 2 : Neferthena_54
• Track 3 : Tongui_63, FountainFog_62
• Track 4 : Poultress_62

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 2 of the 4 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• FountainFog_62, Poultress_62, Tongui_63,

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

Genes that do not have the "Most Annotated" start:
• Alakazam_51, Neferthena_54,

Summary by start number:

Start 1:
• Found in 3 of 5 (60.0%) of genes in pham
• Manual Annotations of this start: 2 of 4
• Called 100.0% of time when present
• Phage (with cluster) where this start called: FountainFog_62 (EF), Poultress_62 (EF), Tongui_63 (EF),

Start 2:
• Found in 2 of 5 (40.0%) of genes in pham
• Manual Annotations of this start: 2 of 4
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Alakazam_51 (EA5), Neferthena_54 (EA5),

Summary by clusters:

There are 2 clusters represented in this pham: EF, EA5,

Info for manual annotations of cluster EA5:
•Start number 2 was manually annotated 2 times for cluster EA5.

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

Gene Information:

Gene: Alakazam_51 Start: 36666, Stop: 36391, Start Num: 2
Candidate Starts for Alakazam_51:
(Start: 2 @36666 has 2 MA's), (5, 36585), (7, 36528), (8, 36507), (9, 36492), (10, 36426),

Gene: FountainFog_62 Start: 47813, Stop: 48127, Start Num: 1
Candidate Starts for FountainFog_62:
(Start: 1 @47813 has 2 MA's), (3, 47873), (4, 47927), (5, 47930), (10, 48089), (11, 48116),

Gene: Neferthena_54 Start: 37161, Stop: 36886, Start Num: 2
Candidate Starts for Neferthena_54:
(Start: 2 @37161 has 2 MA's), (5, 37080), (6, 37032), (7, 37023), (8, 37002), (9, 36987), (10, 36921),

Gene: Poultress_62 Start: 48795, Stop: 49109, Start Num: 1
Candidate Starts for Poultress_62:
(Start: 1 @48795 has 2 MA's), (3, 48855), (5, 48912), (10, 49071), (11, 49098),

Gene: Tongui_63 Start: 48247, Stop: 48561, Start Num: 1
Candidate Starts for Tongui_63:
(Start: 1 @48247 has 2 MA's), (3, 48307), (4, 48361), (5, 48364), (10, 48523), (11, 48550),