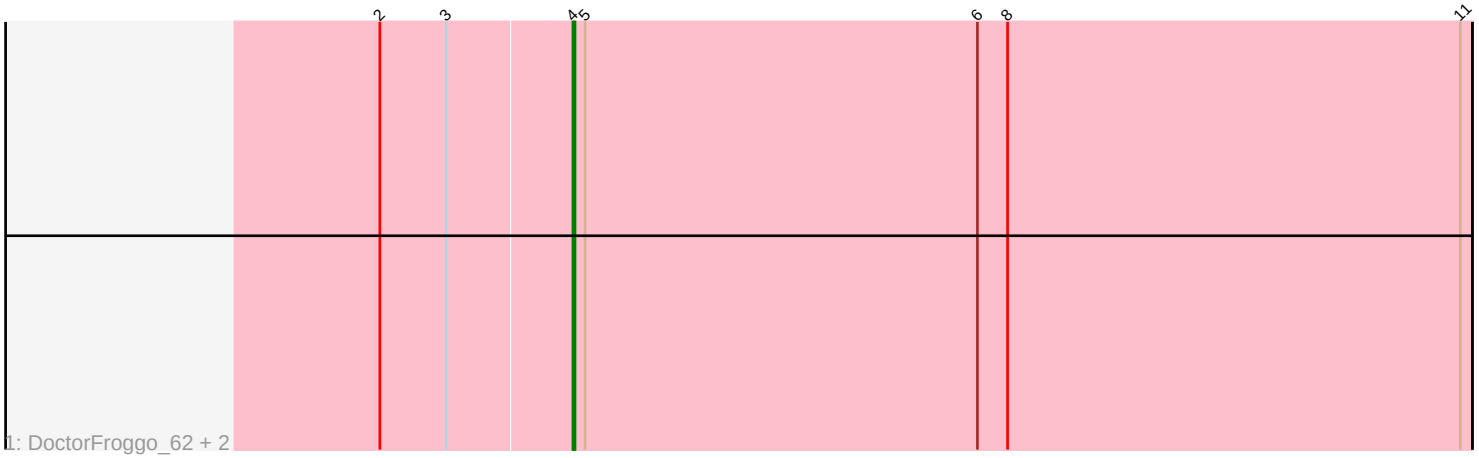
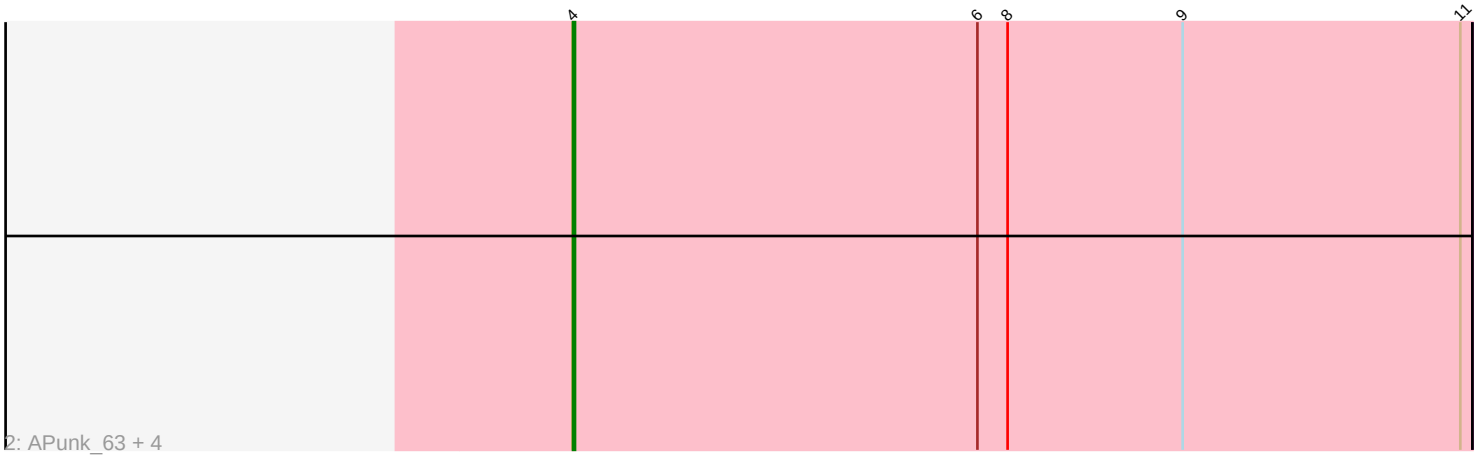
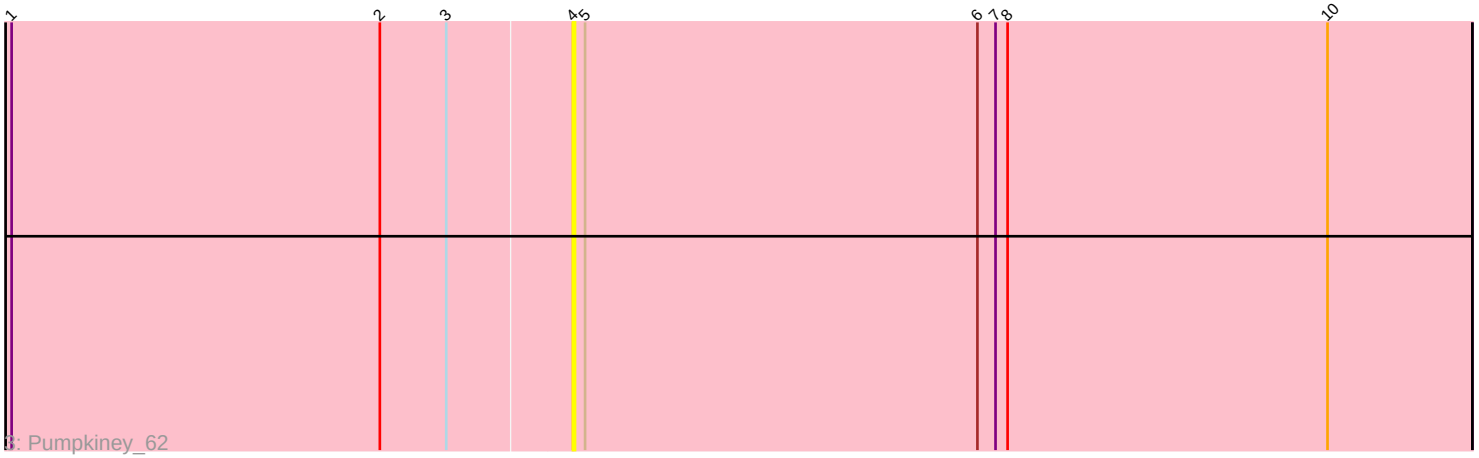
Pham 284474


2
3
4
5
6
8
11
1: DoctorFroggo_62 + 2


4
6
8
9
11
2: APunk_63 + 4


1
2
3
4
5
6
7
8
10
3: Pumpkiney_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 284474 Report

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

Pham number 284474 has 9 members, 2 are drafts.

Phages represented in each track:
• Track 1 : DoctorFroggo_62, Verity_62, Delrey21_62
• Track 2 : APunk_63, BigHunkinEater_64, Sampson_63, ViaConlectus_62, Zipp_63
• Track 3 : Pumpkiney_62

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

Genes that call this "Most Annotated" start:
• APunk_63, BigHunkinEater_64, Delrey21_62, DoctorFroggo_62, Pumpkiney_62, Sampson_63, Verity_62, ViaConlectus_62, Zipp_63,

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: 7 of 7
• Called 100.0% of time when present
• Phage (with cluster) where this start called: APunk_63 (DE4), BigHunkinEater_64 (DE4), Delrey21_62 (DE4), DoctorFroggo_62 (DE4), Pumpkiney_62 (DE4), Sampson_63 (DE4), Verity_62 (DE4), ViaConlectus_62 (DE4), Zipp_63 (DE4),

Summary by clusters:

There is one cluster represented in this pham: DE4

Info for manual annotations of cluster DE4:

•Start number 4 was manually annotated 7 times for cluster DE4.

Gene Information:

Gene: APunk_63 Start: 48279, Stop: 48725, Start Num: 4
Candidate Starts for APunk_63:
(Start: 4 @48279 has 7 MA's), (6, 48480), (8, 48495), (9, 48582), (11, 48720),

Gene: BigHunkinEater_64 Start: 47994, Stop: 48440, Start Num: 4
Candidate Starts for BigHunkinEater_64:
(Start: 4 @47994 has 7 MA's), (6, 48195), (8, 48210), (9, 48297), (11, 48435),

Gene: Delrey21_62 Start: 49538, Stop: 49984, Start Num: 4
Candidate Starts for Delrey21_62:
(2, 49445), (3, 49478), (Start: 4 @49538 has 7 MA's), (5, 49544), (6, 49739), (8, 49754), (11, 49979),

Gene: DoctorFroggo_62 Start: 49538, Stop: 49984, Start Num: 4
Candidate Starts for DoctorFroggo_62:
(2, 49445), (3, 49478), (Start: 4 @49538 has 7 MA's), (5, 49544), (6, 49739), (8, 49754), (11, 49979),

Gene: Pumpkiney_62 Start: 46582, Stop: 47028, Start Num: 4
Candidate Starts for Pumpkiney_62:
(1, 46306), (2, 46489), (3, 46522), (Start: 4 @46582 has 7 MA's), (5, 46588), (6, 46783), (7, 46792), (8, 46798), (10, 46957),

Gene: Sampson_63 Start: 48591, Stop: 49037, Start Num: 4
Candidate Starts for Sampson_63:
(Start: 4 @48591 has 7 MA's), (6, 48792), (8, 48807), (9, 48894), (11, 49032),

Gene: Verity_62 Start: 49538, Stop: 49984, Start Num: 4
Candidate Starts for Verity_62:
(2, 49445), (3, 49478), (Start: 4 @49538 has 7 MA's), (5, 49544), (6, 49739), (8, 49754), (11, 49979),

Gene: ViaConlectus_62 Start: 47422, Stop: 47868, Start Num: 4
Candidate Starts for ViaConlectus_62:
(Start: 4 @47422 has 7 MA's), (6, 47623), (8, 47638), (9, 47725), (11, 47863),

Gene: Zipp_63 Start: 49420, Stop: 49866, Start Num: 4
Candidate Starts for Zipp_63:
(Start: 4 @49420 has 7 MA's), (6, 49621), (8, 49636), (9, 49723), (11, 49861),