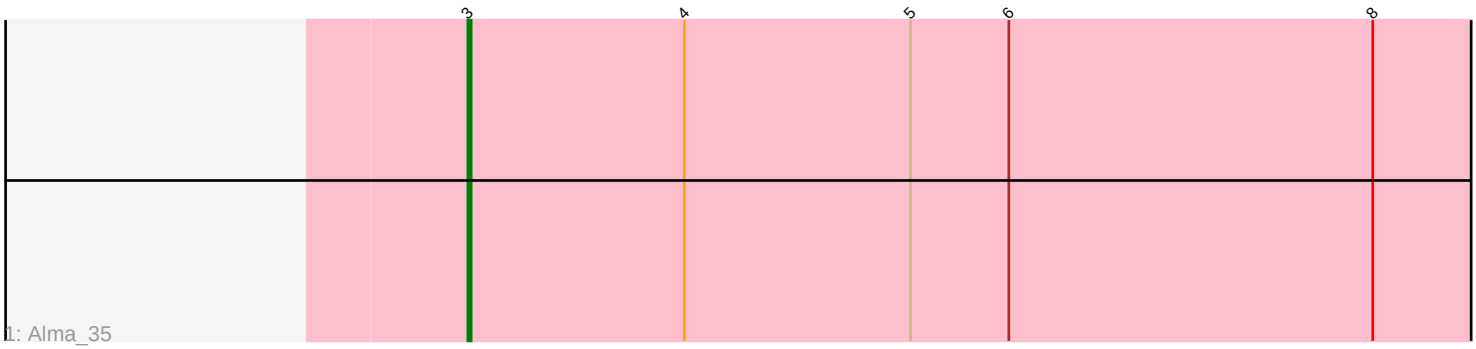
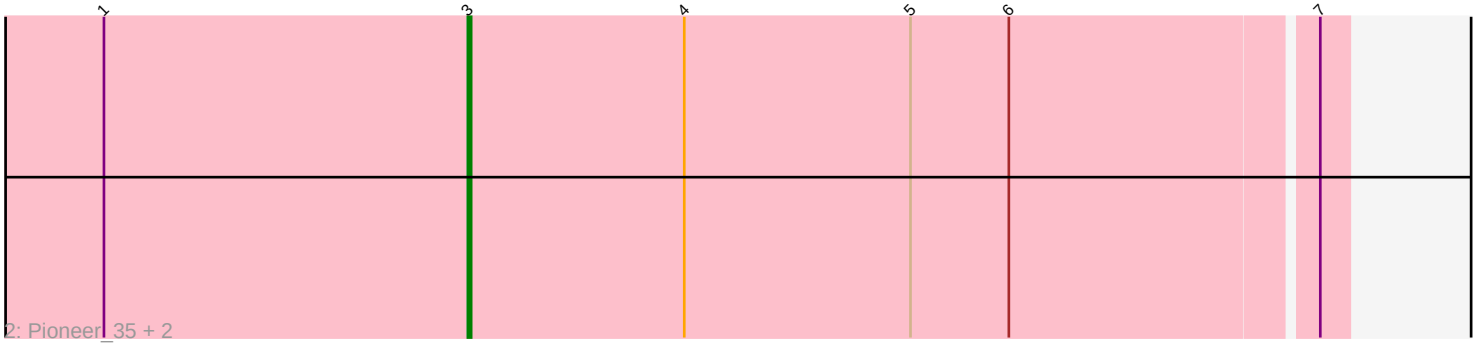
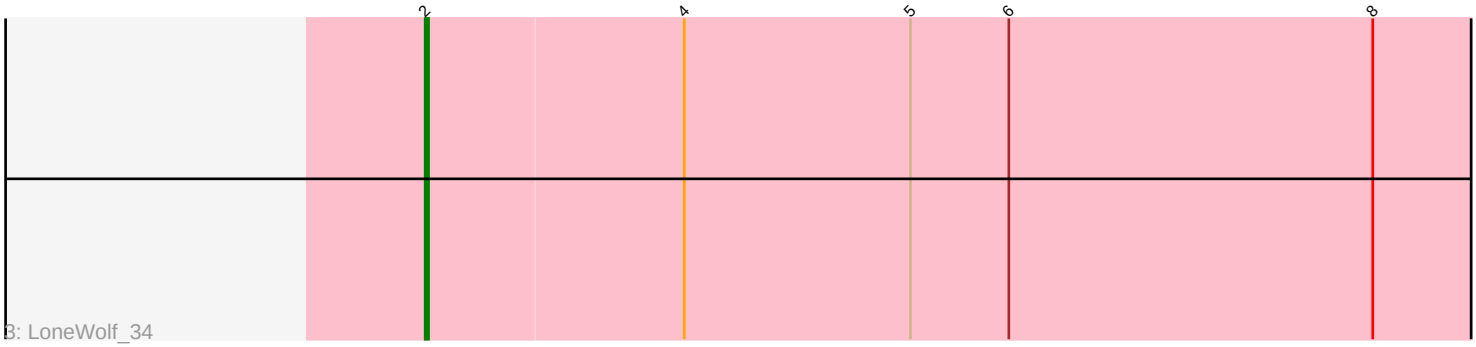
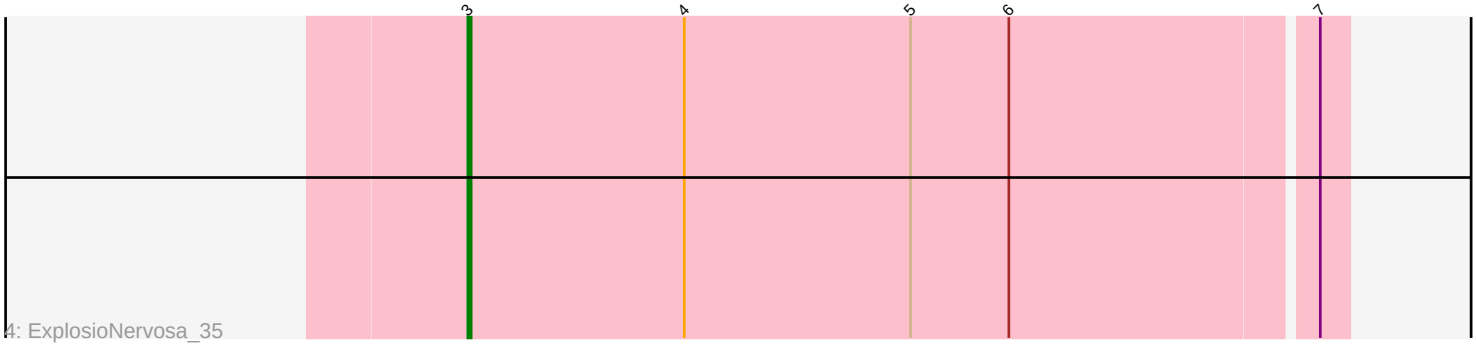
Pham 333663


3
4
5
6
8
1: Alma_35


1
3
4
5
6
7
2: Pioneer_35 + 2


2
4
5
6
8
3: LoneWolf_34


3
4
5
6
7
4: ExplosioNervosa_35

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 333663 Report

This analysis was run 11/14/26 on database version 672.

Pham number 333663 has 6 members, 0 are drafts.

Phages represented in each track:
• Track 1 : Alma_35
• Track 2 : Pioneer_35, Beemo_35, Phonnegut_35
• Track 3 : LoneWolf_34
• Track 4 : ExplosioNervosa_35

Summary of Final Annotations (See graph section above for start numbers):

The start number called the most often in the published annotations is 3, it was called in 5 of the 6 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Alma_35, Beemo_35, ExplosioNervosa_35, Phonnegut_35, Pioneer_35,

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

Genes that do not have the "Most Annotated" start:
• LoneWolf_34,

Summary by start number:

Start 2:
• Found in 1 of 6 (16.7%) of genes in pham
• Manual Annotations of this start: 1 of 6
• Called 100.0% of time when present
• Phage (with cluster) where this start called: LoneWolf_34 (A9),

Start 3:
• Found in 5 of 6 (83.3%) of genes in pham
• Manual Annotations of this start: 5 of 6
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Alma_35 (A9), Beemo_35 (A9), ExplosioNervosa_35 (A9), Phonnegut_35 (A9), Pioneer_35 (A9),

Summary by clusters:

There is one cluster represented in this pham: A9

Info for manual annotations of cluster A9:
•Start number 2 was manually annotated 1 time for cluster A9.
•Start number 3 was manually annotated 5 times for cluster A9.

Gene Information:

Gene: Alma_35 Start: 26568, Stop: 26876, Start Num: 3
Candidate Starts for Alma_35:
(Start: 3 @26568 has 5 MA's), (4, 26634), (5, 26703), (6, 26733), (8, 26844),

Gene: Beemo_35 Start: 26559, Stop: 26822, Start Num: 3
Candidate Starts for Beemo_35:
(1, 26448), (Start: 3 @26559 has 5 MA's), (4, 26625), (5, 26694), (6, 26724), (7, 26814),

Gene: ExplosioNervosa_35 Start: 26593, Stop: 26856, Start Num: 3
Candidate Starts for ExplosioNervosa_35:
(Start: 3 @26593 has 5 MA's), (4, 26659), (5, 26728), (6, 26758), (7, 26848),

Gene: LoneWolf_34 Start: 26103, Stop: 26423, Start Num: 2
Candidate Starts for LoneWolf_34:
(Start: 2 @26103 has 1 MA's), (4, 26181), (5, 26250), (6, 26280), (8, 26391),

Gene: Phonnegut_35 Start: 26558, Stop: 26821, Start Num: 3
Candidate Starts for Phonnegut_35:
(1, 26447), (Start: 3 @26558 has 5 MA's), (4, 26624), (5, 26693), (6, 26723), (7, 26813),

Gene: Pioneer_35 Start: 26558, Stop: 26821, Start Num: 3
Candidate Starts for Pioneer_35:
(1, 26447), (Start: 3 @26558 has 5 MA's), (4, 26624), (5, 26693), (6, 26723), (7, 26813),