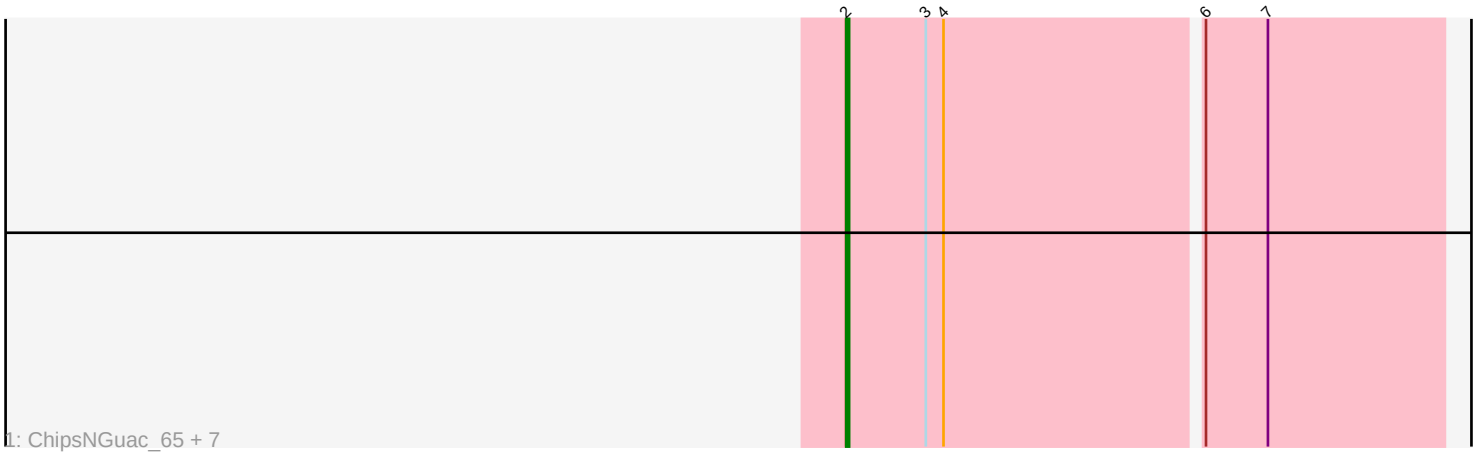
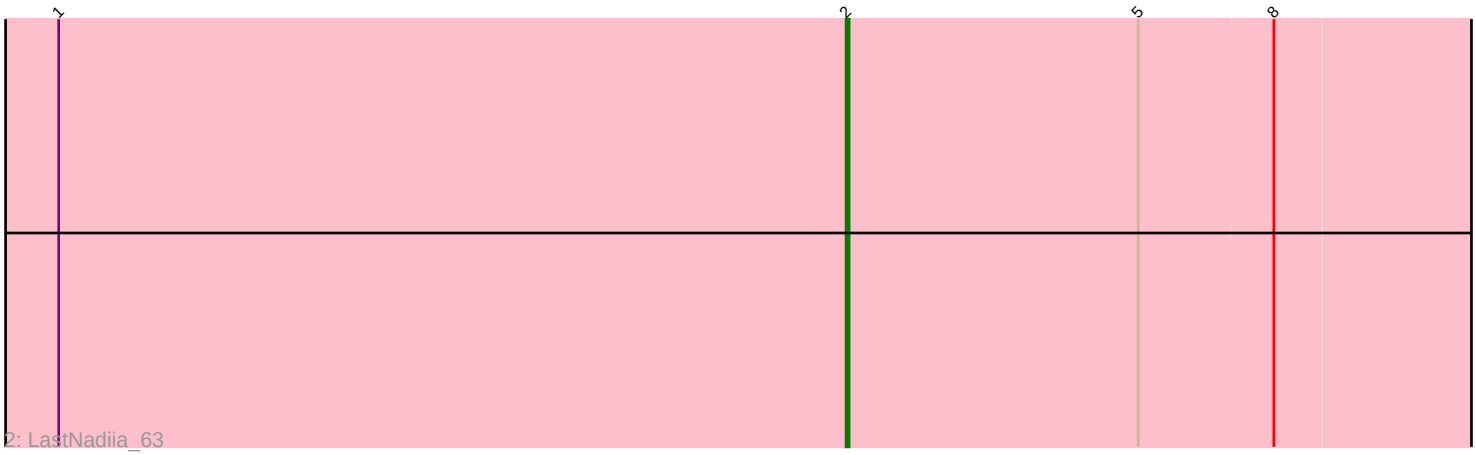
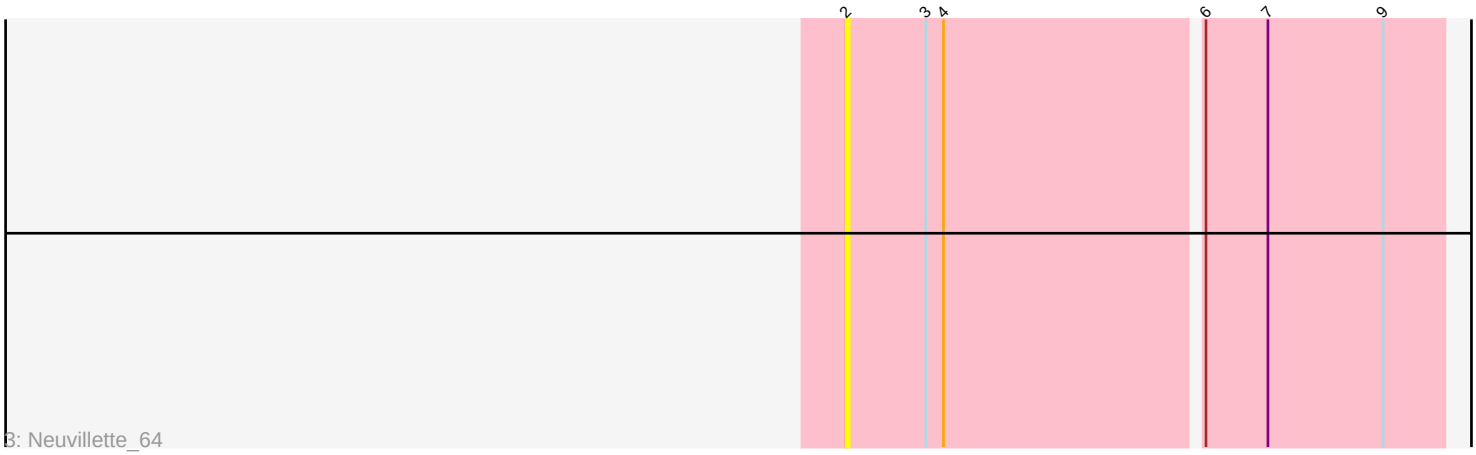
Pham 348254


2
3
4
6
7
1: ChipsNGuac_65 + 7


1
2
5
8
2: LastNadiia_63


2
3
4
6
7
9
3: Neuvillette_64

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 348254 Report

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

Pham number 348254 has 10 members, 5 are drafts.

Phages represented in each track:
• Track 1 : ChipsNGuac_65, Studio_66, AnnabelLee_66, ChamoyPickle_66, Gerri43_64, CardboardBox_66, Ezurina_66, Roberts_65
• Track 2 : LastNadiia_63
• Track 3 : Neuvillette_64

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

The start number called the most often in the published annotations is 2, it was called in 5 of the 5 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• AnnabelLee_66, CardboardBox_66, ChamoyPickle_66, ChipsNGuac_65, Ezurina_66, Gerri43_64, LastNadiia_63, Neuvillette_64, Roberts_65, Studio_66,

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 2:
• Found in 10 of 10 (100.0%) of genes in pham
• Manual Annotations of this start: 5 of 5
• Called 100.0% of time when present
• Phage (with cluster) where this start called: AnnabelLee_66 (FR), CardboardBox_66 (FR), ChamoyPickle_66 (FR), ChipsNGuac_65 (FR), Ezurina_66 (FR), Gerri43_64 (FR), LastNadiia_63 (FR), Neuvillette_64 (FR), Roberts_65 (FR), Studio_66 (FR),

Summary by clusters:

There is one cluster represented in this pham: FR

Info for manual annotations of cluster FR:
•Start number 2 was manually annotated 5 times for cluster FR.

Gene Information:

Gene: AnnabelLee_66 Start: 37076, Stop: 36879, Start Num: 2
Candidate Starts for AnnabelLee_66:
(Start: 2 @37076 has 5 MA's), (3, 37049), (4, 37043), (6, 36959), (7, 36938),

Gene: CardboardBox_66 Start: 37079, Stop: 36882, Start Num: 2
Candidate Starts for CardboardBox_66:
(Start: 2 @37079 has 5 MA's), (3, 37052), (4, 37046), (6, 36962), (7, 36941),

Gene: ChamoyPickle_66 Start: 37619, Stop: 37422, Start Num: 2
Candidate Starts for ChamoyPickle_66:
(Start: 2 @37619 has 5 MA's), (3, 37592), (4, 37586), (6, 37502), (7, 37481),

Gene: ChipsNGuac_65 Start: 37079, Stop: 36882, Start Num: 2
Candidate Starts for ChipsNGuac_65:
(Start: 2 @37079 has 5 MA's), (3, 37052), (4, 37046), (6, 36962), (7, 36941),

Gene: Ezurina_66 Start: 38065, Stop: 37868, Start Num: 2
Candidate Starts for Ezurina_66:
(Start: 2 @38065 has 5 MA's), (3, 38038), (4, 38032), (6, 37948), (7, 37927),

Gene: Gerri43_64 Start: 37079, Stop: 36882, Start Num: 2
Candidate Starts for Gerri43_64:
(Start: 2 @37079 has 5 MA's), (3, 37052), (4, 37046), (6, 36962), (7, 36941),

Gene: LastNadiia_63 Start: 39128, Stop: 38916, Start Num: 2
Candidate Starts for LastNadiia_63:
(1, 39395), (Start: 2 @39128 has 5 MA's), (5, 39029), (8, 38984),

Gene: Neuvillette_64 Start: 37079, Stop: 36882, Start Num: 2
Candidate Starts for Neuvillette_64:
(Start: 2 @37079 has 5 MA's), (3, 37052), (4, 37046), (6, 36962), (7, 36941), (9, 36902),

Gene: Roberts_65 Start: 37079, Stop: 36882, Start Num: 2
Candidate Starts for Roberts_65:
(Start: 2 @37079 has 5 MA's), (3, 37052), (4, 37046), (6, 36962), (7, 36941),

Gene: Studio_66 Start: 38269, Stop: 38072, Start Num: 2
Candidate Starts for Studio_66:
(Start: 2 @38269 has 5 MA's), (3, 38242), (4, 38236), (6, 38152), (7, 38131),