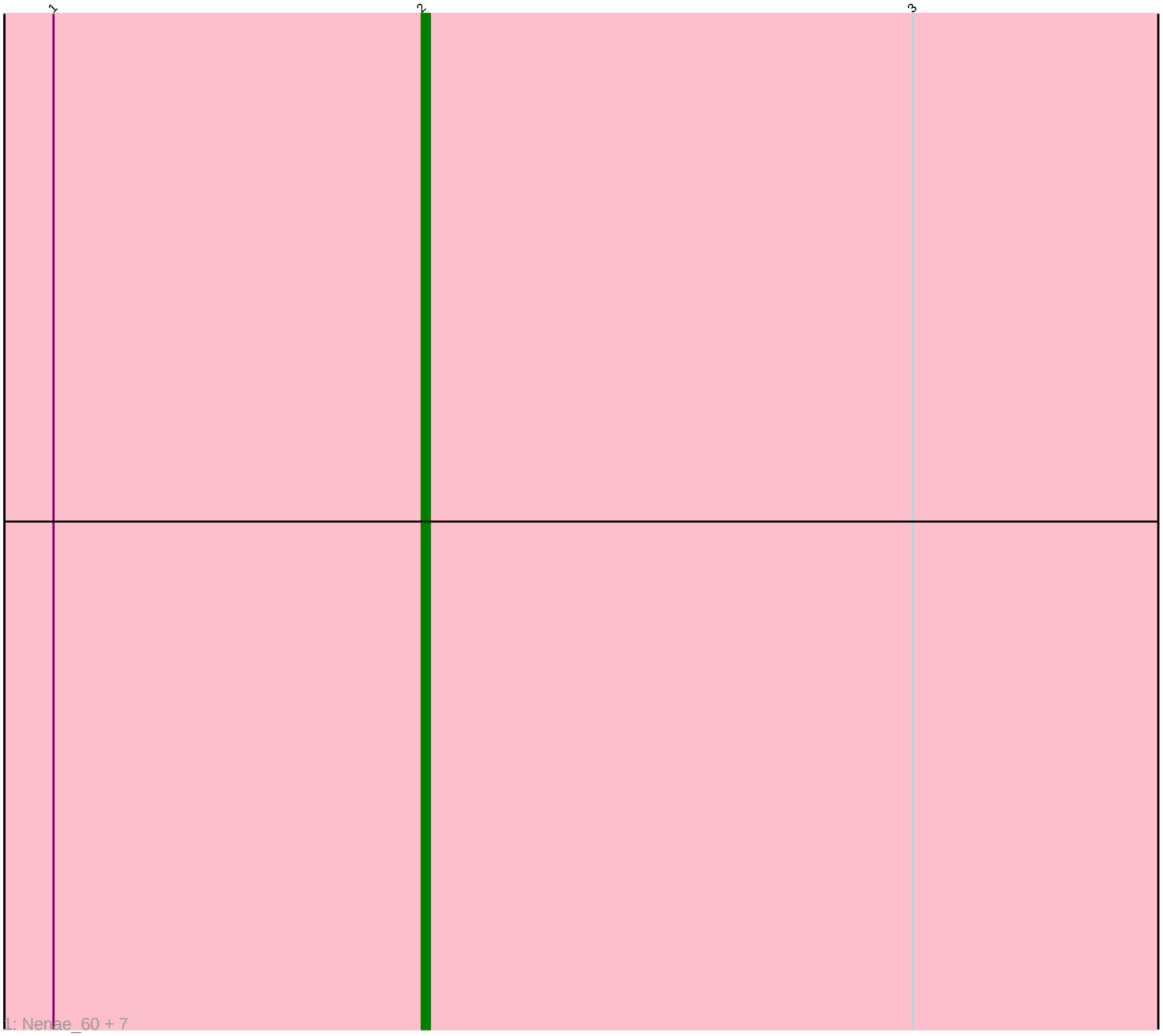
Pham 106950



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 106950 Report

This analysis was run 04/28/24 on database version 559.

Pham number 106950 has 8 members, 0 are drafts.

Phages represented in each track:
• Track 1 : Nenae_60, Purgamenstris_60, ShrimpFriedEgg_60, Redi_60, Jamie19_54, PhancyPhin_60, Snekmaggedon_54, SpongeBob_54

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 8 of the 8 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Jamie19_54, Nenae_60, PhancyPhin_60, Purgamenstris_60, Redi_60, ShrimpFriedEgg_60, Snekmaggedon_54, SpongeBob_54,

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 8 of 8 (100.0%) of genes in pham
• Manual Annotations of this start: 8 of 8
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Jamie19_54 (N), Nenae_60 (N), PhancyPhin_60 (N), Purgamenstris_60 (N), Redi_60 (N), ShrimpFriedEgg_60 (N), Snekmaggedon_54 (N), SpongeBob_54 (N),

Summary by clusters:

There is one cluster represented in this pham: N

Info for manual annotations of cluster N:
•Start number 2 was manually annotated 8 times for cluster N.

Gene Information:

Gene: Jamie19_54 Start: 36418, Stop: 36537, Start Num: 2
Candidate Starts for Jamie19_54:
(1, 36373), (Start: 2 @36418 has 8 MA's), (3, 36478),

Gene: Nenae_60 Start: 38129, Stop: 38248, Start Num: 2
Candidate Starts for Nenae_60:
(1, 38084), (Start: 2 @38129 has 8 MA's), (3, 38189),

Gene: PhancyPhin_60 Start: 38123, Stop: 38242, Start Num: 2
Candidate Starts for PhancyPhin_60:
(1, 38078), (Start: 2 @38123 has 8 MA's), (3, 38183),

Gene: Purgamenstris_60 Start: 38127, Stop: 38246, Start Num: 2
Candidate Starts for Purgamenstris_60:
(1, 38082), (Start: 2 @38127 has 8 MA's), (3, 38187),

Gene: Redi_60 Start: 38126, Stop: 38245, Start Num: 2
Candidate Starts for Redi_60:
(1, 38081), (Start: 2 @38126 has 8 MA's), (3, 38186),

Gene: ShrimpFriedEgg_60 Start: 38126, Stop: 38245, Start Num: 2
Candidate Starts for ShrimpFriedEgg_60:
(1, 38081), (Start: 2 @38126 has 8 MA's), (3, 38186),

Gene: Snekmaggedon_54 Start: 36418, Stop: 36537, Start Num: 2
Candidate Starts for Snekmaggedon_54:
(1, 36373), (Start: 2 @36418 has 8 MA's), (3, 36478),

Gene: SpongeBob_54 Start: 36418, Stop: 36537, Start Num: 2
Candidate Starts for SpongeBob_54:
(1, 36373), (Start: 2 @36418 has 8 MA's), (3, 36478),