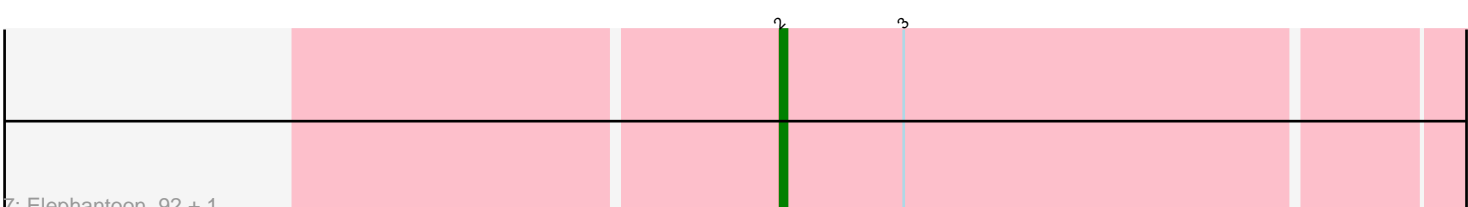
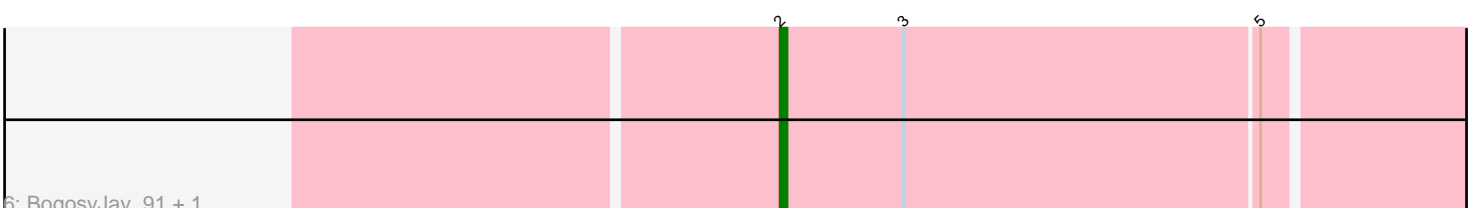
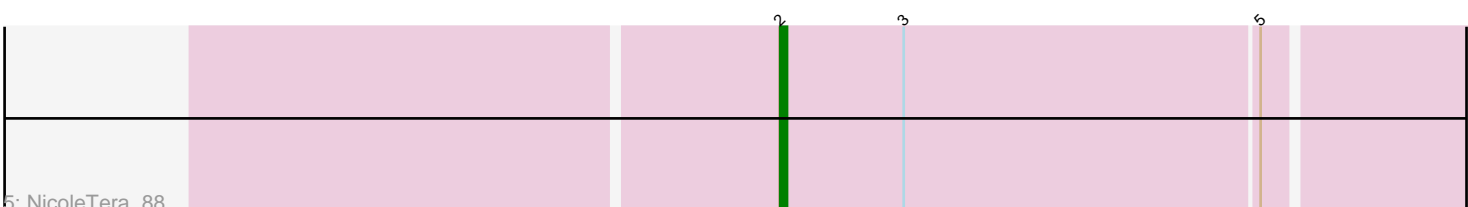
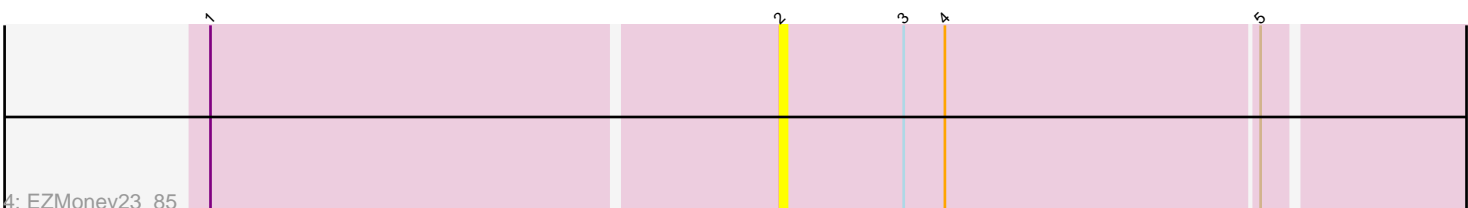
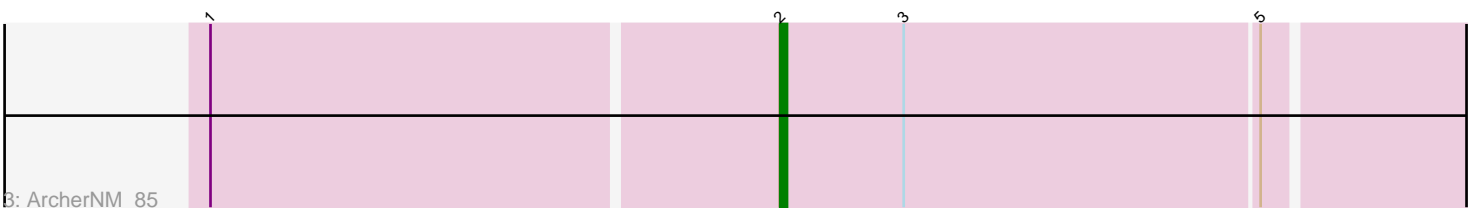
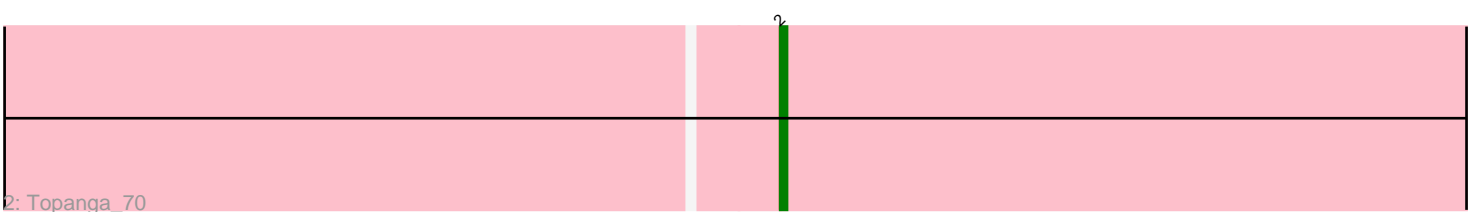
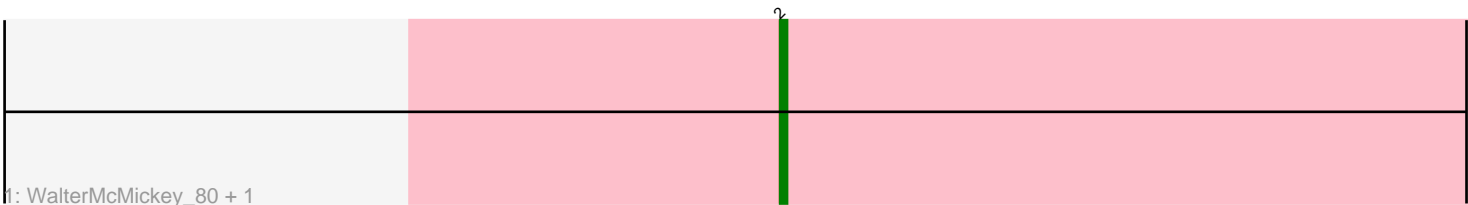


Pham 87723



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 87723 Report

This analysis was run 04/05/24 on database version 557.

Pham number 87723 has 10 members, 2 are drafts.

Phages represented in each track:

- Track 1 : WalterMcMickey_80, Twister_81
- Track 2 : Topanga_70
- Track 3 : ArcherNM_85
- Track 4 : EZMoney23_85
- Track 5 : NicoleTera_88
- Track 6 : BogosyJay_91, Maminiaina_91
- Track 7 : Elephantoon_92, Darrell_90

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:

- ArcherNM_85, BogosyJay_91, Darrell_90, EZMoney23_85, Elephantoon_92, Maminiaina_91, NicoleTera_88, Topanga_70, Twister_81, WalterMcMickey_80,

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: 8 of 8
- Called 100.0% of time when present
- Phage (with cluster) where this start called: ArcherNM_85 (A2), BogosyJay_91 (A9), Darrell_90 (A9), EZMoney23_85 (A2), Elephantoon_92 (A9), Maminiaina_91 (A9), NicoleTera_88 (A2), Topanga_70 (A10), Twister_81 (A10), WalterMcMickey_80 (A10),

Summary by clusters:

There are 3 clusters represented in this pham: A9, A2, A10,

Info for manual annotations of cluster A10:

- Start number 2 was manually annotated 3 times for cluster A10.

Info for manual annotations of cluster A2:

- Start number 2 was manually annotated 2 times for cluster A2.

Info for manual annotations of cluster A9:

- Start number 2 was manually annotated 3 times for cluster A9.

Gene Information:

Gene: ArcherNM_85 Start: 49517, Stop: 49419, Start Num: 2

Candidate Starts for ArcherNM_85:

(1, 49598), (Start: 2 @49517 has 8 MA's), (3, 49499), (5, 49448),

Gene: BogosyJay_91 Start: 49609, Stop: 49511, Start Num: 2

Candidate Starts for BogosyJay_91:

(Start: 2 @49609 has 8 MA's), (3, 49591), (5, 49540),

Gene: Darrell_90 Start: 48769, Stop: 48671, Start Num: 2

Candidate Starts for Darrell_90:

(Start: 2 @48769 has 8 MA's), (3, 48751),

Gene: EZMoney23_85 Start: 48831, Stop: 48733, Start Num: 2

Candidate Starts for EZMoney23_85:

(1, 48912), (Start: 2 @48831 has 8 MA's), (3, 48813), (4, 48807), (5, 48762),

Gene: Elephantoon_92 Start: 49496, Stop: 49398, Start Num: 2

Candidate Starts for Elephantoon_92:

(Start: 2 @49496 has 8 MA's), (3, 49478),

Gene: Maminiaina_91 Start: 49591, Stop: 49493, Start Num: 2

Candidate Starts for Maminiaina_91:

(Start: 2 @49591 has 8 MA's), (3, 49573), (5, 49522),

Gene: NicoleTera_88 Start: 49511, Stop: 49413, Start Num: 2

Candidate Starts for NicoleTera_88:

(Start: 2 @49511 has 8 MA's), (3, 49493), (5, 49442),

Gene: Topanga_70 Start: 44398, Stop: 44297, Start Num: 2

Candidate Starts for Topanga_70:

(Start: 2 @44398 has 8 MA's),

Gene: Twister_81 Start: 47598, Stop: 47497, Start Num: 2

Candidate Starts for Twister_81:

(Start: 2 @47598 has 8 MA's),

Gene: WalterMcMickey_80 Start: 47598, Stop: 47497, Start Num: 2
Candidate Starts for WalterMcMickey_80:
(Start: 2 @47598 has 8 MA's),