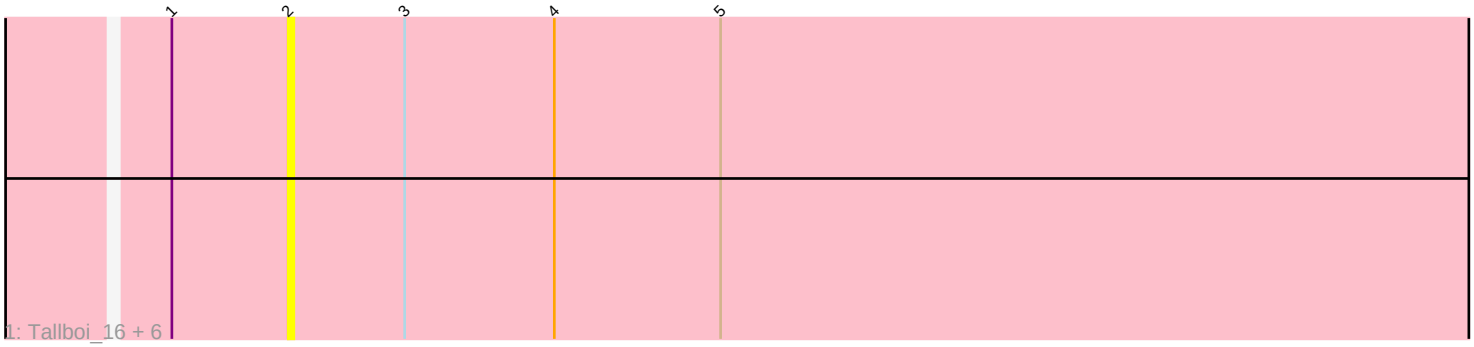
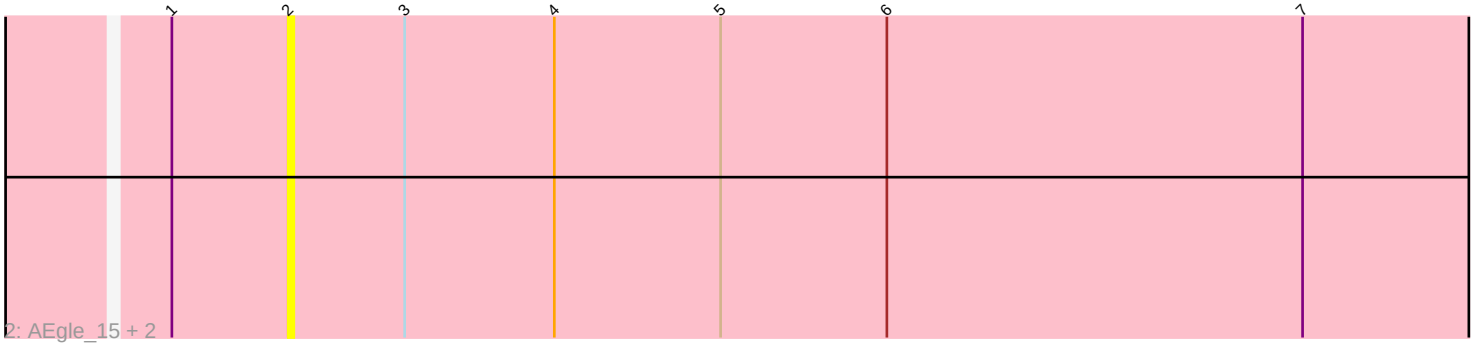
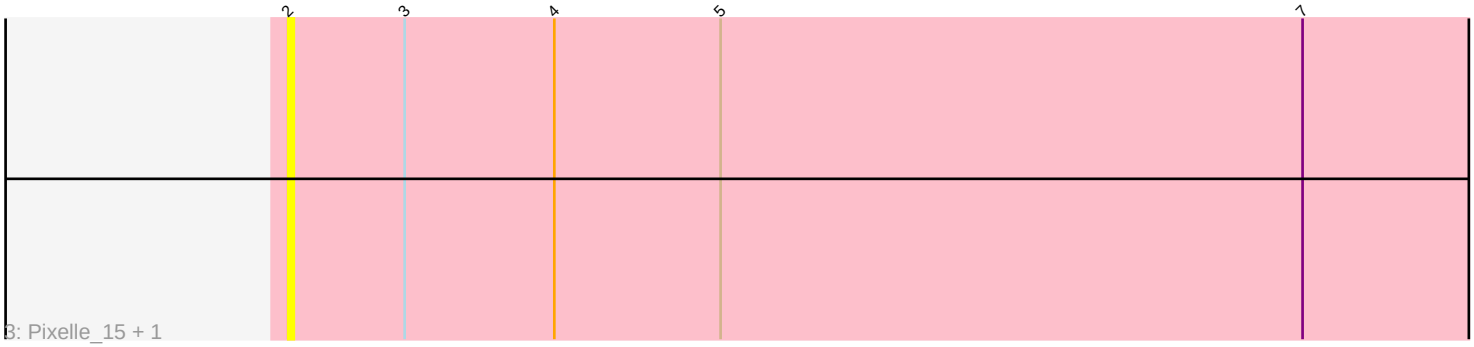
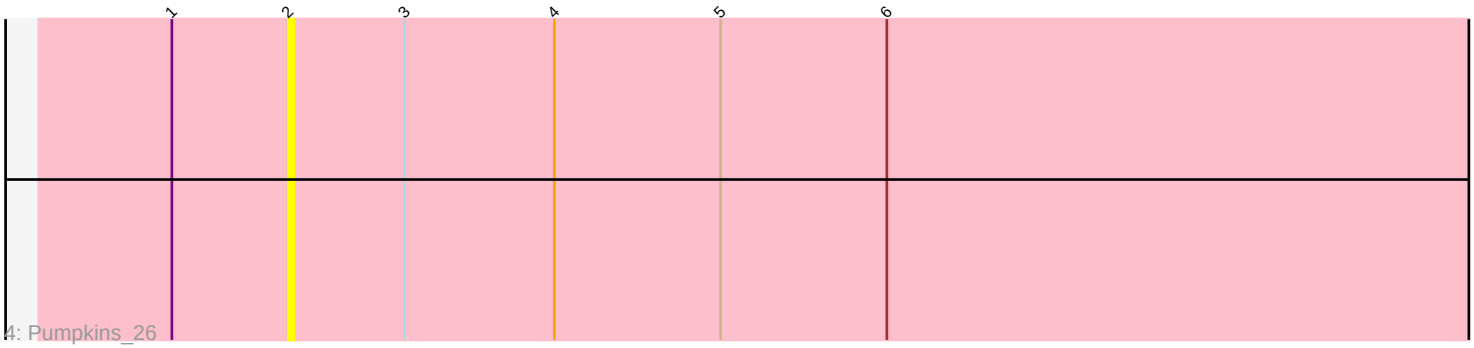
Pham 87229


1
2
3
4
5
1: Tallboi_16 + 6


1
2
3
4
5
6
7
2: AEgle_15 + 2


2
3
4
5
7
3: Pixelle_15 + 1


1
2
3
4
5
6
4: Pumpkins_26

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 87229 Report

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

Pham number 87229 has 13 members, 13 are drafts.

Phages represented in each track:
• Track 1 : Tallboi_16, Simpson_17, Joemato_17, AGrandiflora_15, Mudpuppy_16, Cyan_15, Tutumahutu_15
• Track 2 : AEgle_15, Jstan_15, Turab_15
• Track 3 : Pixelle_15, Tian_15
• Track 4 : Pumpkins_26

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

This pham is comprised of all draft annotations. There are no annotations to summarize.

Summary by start number:

Start 2:
• Found in 13 of 13 (100.0%) of genes in pham
• No Manual Annotations of this start.
• Called 100.0% of time when present
• Phage (with cluster) where this start called: AEgle_15 (AZ1), AGrandiflora_15 (AZ1), Cyan_15 (AZ1), Joemato_17 (AZ1), Jstan_15 (AZ1), Mudpuppy_16 (AZ1), Pixelle_15 (AZ1), Pumpkins_26 (AZ1), Simpson_17 (AZ1), Tallboi_16 (AZ1), Tian_15 (AZ1), Turab_15 (AZ1), Tutumahutu_15 (AZ1),

Summary by clusters:

There is one cluster represented in this pham: AZ1

Gene Information:

Gene: AEgle_15 Start: 10632, Stop: 10387, Start Num: 2
Candidate Starts for AEgle_15:
(1, 10653), (2, 10632), (3, 10611), (4, 10584), (5, 10554), (6, 10524), (7, 10449),

Gene: AGrandiflora_15 Start: 10624, Stop: 10397, Start Num: 2

Candidate Starts for AGrandiflora_15:
(1, 10645), (2, 10624), (3, 10603), (4, 10576), (5, 10546),

Gene: Cyan_15 Start: 10627, Stop: 10400, Start Num: 2
Candidate Starts for Cyan_15:
(1, 10648), (2, 10627), (3, 10606), (4, 10579), (5, 10549),

Gene: Joemato_17 Start: 10627, Stop: 10400, Start Num: 2
Candidate Starts for Joemato_17:
(1, 10648), (2, 10627), (3, 10606), (4, 10579), (5, 10549),

Gene: Jstan_15 Start: 10602, Stop: 10357, Start Num: 2
Candidate Starts for Jstan_15:
(1, 10623), (2, 10602), (3, 10581), (4, 10554), (5, 10524), (6, 10494), (7, 10419),

Gene: Mudpuppy_16 Start: 10626, Stop: 10399, Start Num: 2
Candidate Starts for Mudpuppy_16:
(1, 10647), (2, 10626), (3, 10605), (4, 10578), (5, 10548),

Gene: Pixelle_15 Start: 10646, Stop: 10401, Start Num: 2
Candidate Starts for Pixelle_15:
(2, 10646), (3, 10625), (4, 10598), (5, 10568), (7, 10463),

Gene: Pumpkins_26 Start: 10726, Stop: 10481, Start Num: 2
Candidate Starts for Pumpkins_26:
(1, 10747), (2, 10726), (3, 10705), (4, 10678), (5, 10648), (6, 10618),

Gene: Simpson_17 Start: 10627, Stop: 10400, Start Num: 2
Candidate Starts for Simpson_17:
(1, 10648), (2, 10627), (3, 10606), (4, 10579), (5, 10549),

Gene: Tallboi_16 Start: 10629, Stop: 10384, Start Num: 2
Candidate Starts for Tallboi_16:
(1, 10650), (2, 10629), (3, 10608), (4, 10581), (5, 10551),

Gene: Tian_15 Start: 10643, Stop: 10398, Start Num: 2
Candidate Starts for Tian_15:
(2, 10643), (3, 10622), (4, 10595), (5, 10565), (7, 10460),

Gene: Turab_15 Start: 10631, Stop: 10386, Start Num: 2
Candidate Starts for Turab_15:
(1, 10652), (2, 10631), (3, 10610), (4, 10583), (5, 10553), (6, 10523), (7, 10448),

Gene: Tutumahutu_15 Start: 10678, Stop: 10451, Start Num: 2
Candidate Starts for Tutumahutu_15:
(1, 10699), (2, 10678), (3, 10657), (4, 10630), (5, 10600),