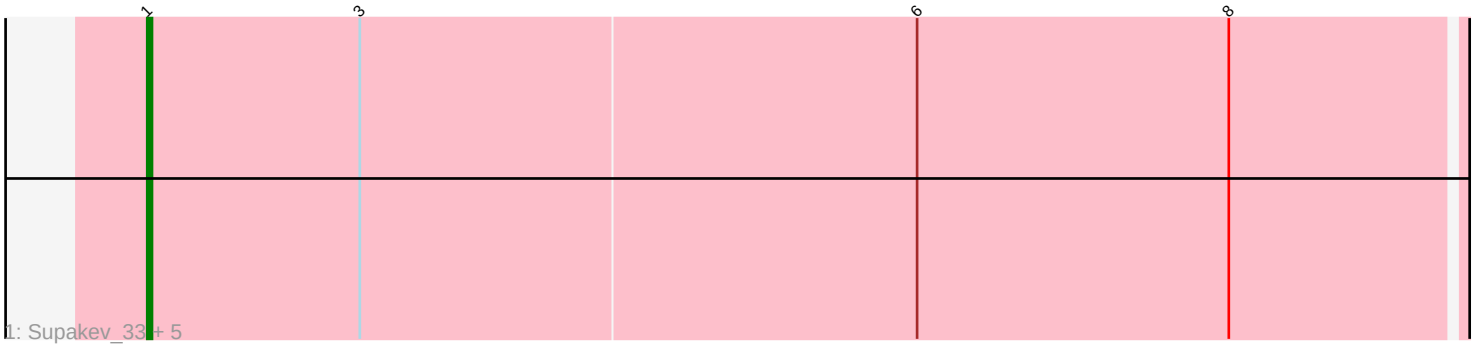
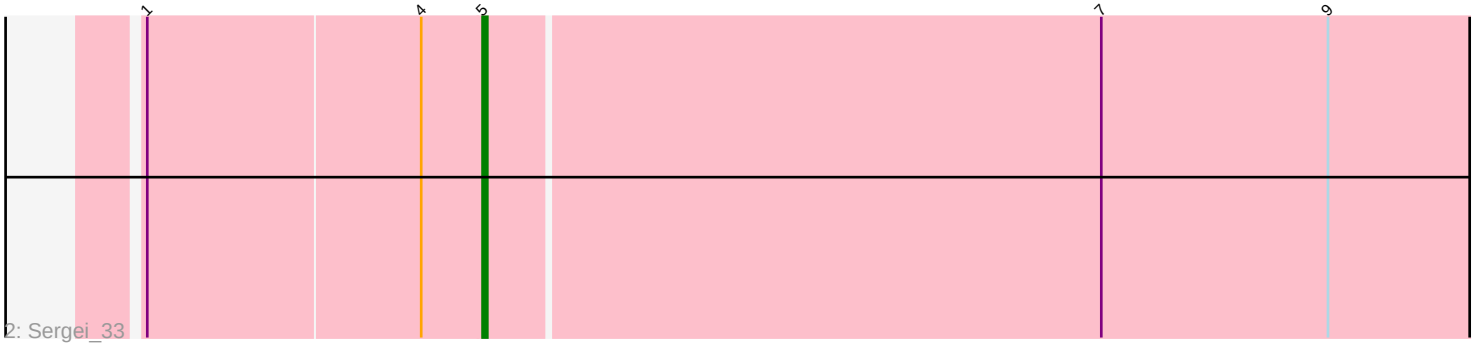
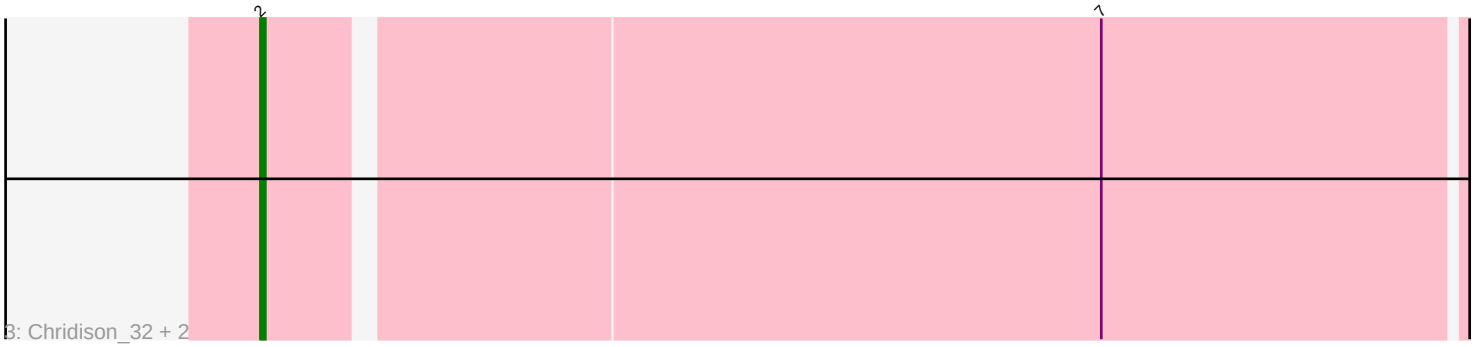
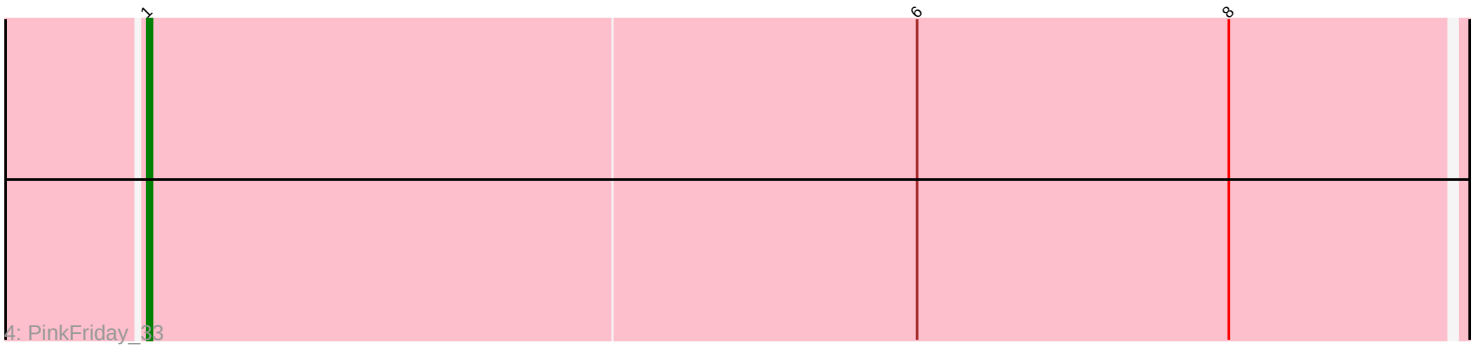
Pham 297152


1
3
6
8
1: Supakev_33 + 5


1
4
5
7
9
2: Sergei_33


2
7
3: Chridison_32 + 2


1
6
8
4: PinkFriday_33

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 297152 Report

This analysis was run 04/25/26 on database version 644.

Pham number 297152 has 11 members, 0 are drafts.

Phages represented in each track:
• Track 1 : Supakev_33, Aledel_33, Eunoia_33, OMalley_33, AustinPowers_33, Riovina_33
• Track 2 : Sergei_33
• Track 3 : Chridison_32, HunterDalle_33, Vulture_33
• Track 4 : PinkFriday_33

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

The start number called the most often in the published annotations is 1, it was called in 7 of the 11 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Aledel_33, AustinPowers_33, Eunoia_33, OMalley_33, PinkFriday_33, Riovina_33, Supakev_33,

Genes that have the "Most Annotated" start but do not call it:
• Sergei_33,

Genes that do not have the "Most Annotated" start:
• Chridison_32, HunterDalle_33, Vulture_33,

Summary by start number:

Start 1:
• Found in 8 of 11 (72.7%) of genes in pham
• Manual Annotations of this start: 7 of 11
• Called 87.5% of time when present
• Phage (with cluster) where this start called: Aledel_33 (AK), AustinPowers_33 (AK), Eunoia_33 (AK), OMalley_33 (AK), PinkFriday_33 (AK), Riovina_33 (AK), Supakev_33 (AK),

Start 2:
• Found in 3 of 11 (27.3%) of genes in pham
• Manual Annotations of this start: 3 of 11

• Called 100.0% of time when present
• Phage (with cluster) where this start called: Chridison_32 (AK), HunterDalle_33 (AK), Vulture_33 (AK),

Start 5:
• Found in 1 of 11 (9.1%) of genes in pham
• Manual Annotations of this start: 1 of 11
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Sergei_33 (AK),

Summary by clusters:

There is one cluster represented in this pham: AK

Info for manual annotations of cluster AK:
•Start number 1 was manually annotated 7 times for cluster AK.
•Start number 2 was manually annotated 3 times for cluster AK.
•Start number 5 was manually annotated 1 time for cluster AK.

Gene Information:

Gene: Aledel_33 Start: 25730, Stop: 26032, Start Num: 1
Candidate Starts for Aledel_33:
(Start: 1 @25730 has 7 MA's), (3, 25775), (6, 25892), (8, 25958),

Gene: AustinPowers_33 Start: 25728, Stop: 26030, Start Num: 1
Candidate Starts for AustinPowers_33:
(Start: 1 @25728 has 7 MA's), (3, 25773), (6, 25890), (8, 25956),

Gene: Chridison_32 Start: 25728, Stop: 26000, Start Num: 2
Candidate Starts for Chridison_32:
(Start: 2 @25728 has 3 MA's), (7, 25899),

Gene: Eunoia_33 Start: 25730, Stop: 26032, Start Num: 1
Candidate Starts for Eunoia_33:
(Start: 1 @25730 has 7 MA's), (3, 25775), (6, 25892), (8, 25958),

Gene: HunterDalle_33 Start: 25727, Stop: 25999, Start Num: 2
Candidate Starts for HunterDalle_33:
(Start: 2 @25727 has 3 MA's), (7, 25898),

Gene: OMalley_33 Start: 25730, Stop: 26032, Start Num: 1
Candidate Starts for OMalley_33:
(Start: 1 @25730 has 7 MA's), (3, 25775), (6, 25892), (8, 25958),

Gene: PinkFriday_33 Start: 24885, Stop: 25187, Start Num: 1
Candidate Starts for PinkFriday_33:
(Start: 1 @24885 has 7 MA's), (6, 25047), (8, 25113),

Gene: Riovina_33 Start: 25730, Stop: 26032, Start Num: 1
Candidate Starts for Riovina_33:

(Start: 1 @25730 has 7 MA's), (3, 25775), (6, 25892), (8, 25958),

Gene: Sergei_33 Start: 25783, Stop: 26058, Start Num: 5
Candidate Starts for Sergei_33:
(Start: 1 @25714 has 7 MA's), (4, 25771), (Start: 5 @25783 has 1 MA's), (7, 25912), (9, 25960),

Gene: Supakev_33 Start: 25730, Stop: 26032, Start Num: 1
Candidate Starts for Supakev_33:
(Start: 1 @25730 has 7 MA's), (3, 25775), (6, 25892), (8, 25958),

Gene: Vulture_33 Start: 25727, Stop: 25999, Start Num: 2
Candidate Starts for Vulture_33:
(Start: 2 @25727 has 3 MA's), (7, 25898),