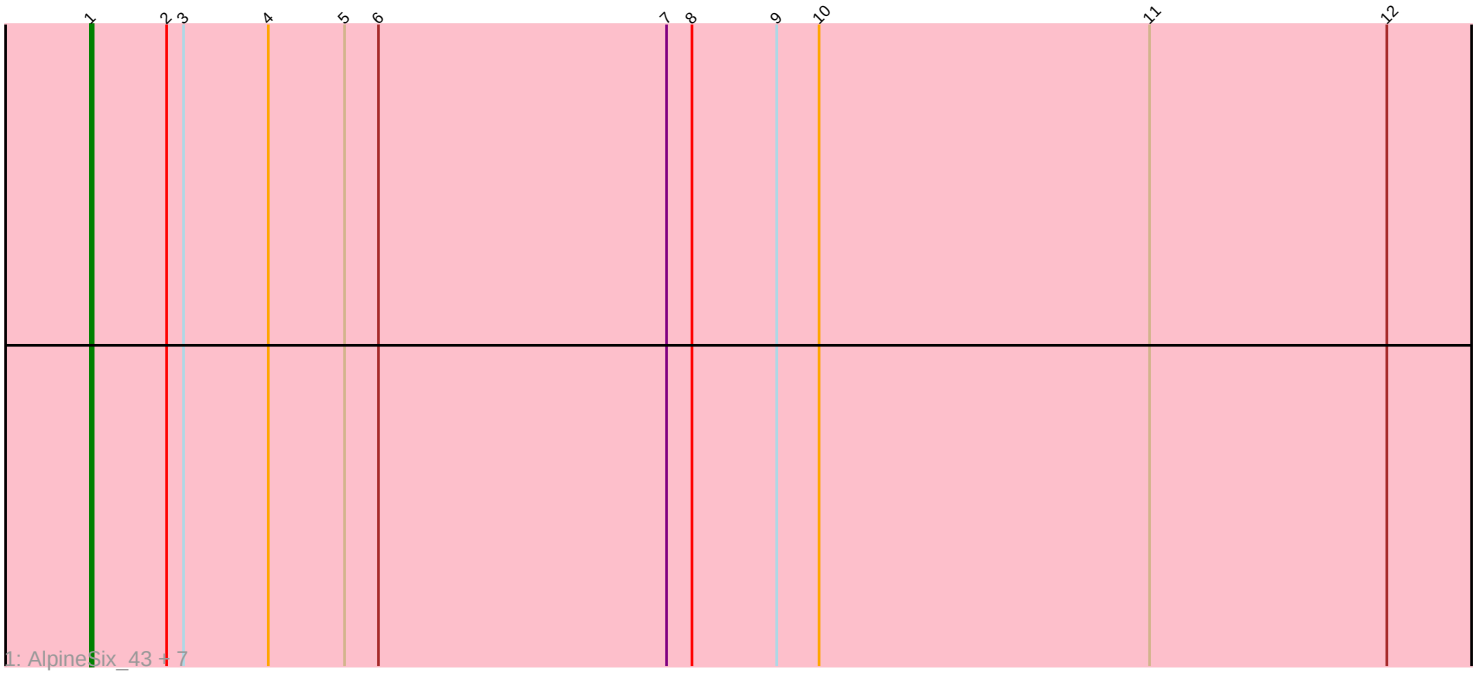
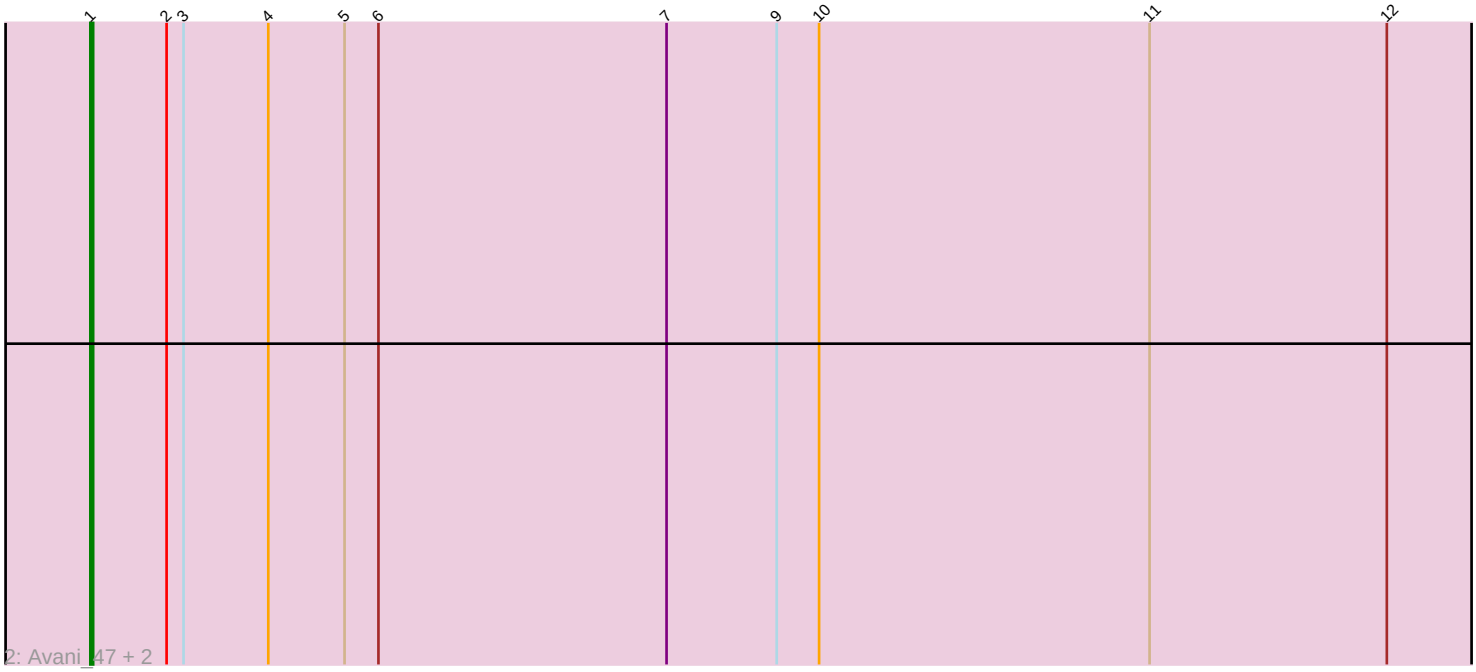
Pham 198583


1
2
3
4
5
6
7
8
9
10
11
12
1: AlpineSix_43 + 7


1
2
3
4
5
6
7
9
10
11
12
2: Avani_47 + 2

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 198583 Report

This analysis was run 01/18/25 on database version 583.

Pham number 198583 has 11 members, 1 are drafts.

Phages represented in each track:
• Track 1 : AlpineSix_43, Ochi17_41, OfUltron_43, Modragons_42, Jinglebell_42, Oksu_43, Llama_43, Seabastian_43
• Track 2 : Avani_47, ArcusAngelus_44, Chevrolet_47

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 10 of the 10 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• AlpineSix_43, ArcusAngelus_44, Avani_47, Chevrolet_47, Jinglebell_42, Llama_43, Modragons_42, Ochi17_41, OfUltron_43, Oksu_43, Seabastian_43,

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 1:
• Found in 11 of 11 (100.0%) of genes in pham
• Manual Annotations of this start: 10 of 10
• Called 100.0% of time when present
• Phage (with cluster) where this start called: AlpineSix_43 (F1), ArcusAngelus_44 (F1), Avani_47 (F2), Chevrolet_47 (F1), Jinglebell_42 (F1), Llama_43 (F1), Modragons_42 (F1), Ochi17_41 (F1), OfUltron_43 (F1), Oksu_43 (F1), Seabastian_43 (F1),

Summary by clusters:

There are 2 clusters represented in this pham: F1, F2,

Info for manual annotations of cluster F1:
•Start number 1 was manually annotated 9 times for cluster F1.

Info for manual annotations of cluster F2:
•Start number 1 was manually annotated 1 time for cluster F2.

Gene Information:

Gene: AlpineSix_43 Start: 32568, Stop: 32041, Start Num: 1
Candidate Starts for AlpineSix_43:
(Start: 1 @32568 has 10 MA's), (2, 32541), (3, 32535), (4, 32505), (5, 32478), (6, 32466), (7, 32364), (8, 32355), (9, 32325), (10, 32310), (11, 32193), (12, 32109),

Gene: ArcusAngelus_44 Start: 33602, Stop: 33075, Start Num: 1
Candidate Starts for ArcusAngelus_44:
(Start: 1 @33602 has 10 MA's), (2, 33575), (3, 33569), (4, 33539), (5, 33512), (6, 33500), (7, 33398), (9, 33359), (10, 33344), (11, 33227), (12, 33143),

Gene: Avani_47 Start: 31403, Stop: 30876, Start Num: 1
Candidate Starts for Avani_47:
(Start: 1 @31403 has 10 MA's), (2, 31376), (3, 31370), (4, 31340), (5, 31313), (6, 31301), (7, 31199), (9, 31160), (10, 31145), (11, 31028), (12, 30944),

Gene: Chevrolet_47 Start: 33603, Stop: 33076, Start Num: 1
Candidate Starts for Chevrolet_47:
(Start: 1 @33603 has 10 MA's), (2, 33576), (3, 33570), (4, 33540), (5, 33513), (6, 33501), (7, 33399), (9, 33360), (10, 33345), (11, 33228), (12, 33144),

Gene: Jinglebell_42 Start: 32567, Stop: 32040, Start Num: 1
Candidate Starts for Jinglebell_42:
(Start: 1 @32567 has 10 MA's), (2, 32540), (3, 32534), (4, 32504), (5, 32477), (6, 32465), (7, 32363), (8, 32354), (9, 32324), (10, 32309), (11, 32192), (12, 32108),

Gene: Llama_43 Start: 32565, Stop: 32038, Start Num: 1
Candidate Starts for Llama_43:
(Start: 1 @32565 has 10 MA's), (2, 32538), (3, 32532), (4, 32502), (5, 32475), (6, 32463), (7, 32361), (8, 32352), (9, 32322), (10, 32307), (11, 32190), (12, 32106),

Gene: Modragons_42 Start: 32411, Stop: 31884, Start Num: 1
Candidate Starts for Modragons_42:
(Start: 1 @32411 has 10 MA's), (2, 32384), (3, 32378), (4, 32348), (5, 32321), (6, 32309), (7, 32207), (8, 32198), (9, 32168), (10, 32153), (11, 32036), (12, 31952),

Gene: Ochi17_41 Start: 32018, Stop: 31491, Start Num: 1
Candidate Starts for Ochi17_41:
(Start: 1 @32018 has 10 MA's), (2, 31991), (3, 31985), (4, 31955), (5, 31928), (6, 31916), (7, 31814), (8, 31805), (9, 31775), (10, 31760), (11, 31643), (12, 31559),

Gene: OfUltron_43 Start: 32567, Stop: 32040, Start Num: 1
Candidate Starts for OfUltron_43:

(Start: 1 @32567 has 10 MA's), (2, 32540), (3, 32534), (4, 32504), (5, 32477), (6, 32465), (7, 32363), (8, 32354), (9, 32324), (10, 32309), (11, 32192), (12, 32108),

Gene: Oksu_43 Start: 32411, Stop: 31884, Start Num: 1
Candidate Starts for Oksu_43:
(Start: 1 @32411 has 10 MA's), (2, 32384), (3, 32378), (4, 32348), (5, 32321), (6, 32309), (7, 32207), (8, 32198), (9, 32168), (10, 32153), (11, 32036), (12, 31952),

Gene: Seabastian_43 Start: 32567, Stop: 32040, Start Num: 1
Candidate Starts for Seabastian_43:
(Start: 1 @32567 has 10 MA's), (2, 32540), (3, 32534), (4, 32504), (5, 32477), (6, 32465), (7, 32363), (8, 32354), (9, 32324), (10, 32309), (11, 32192), (12, 32108),