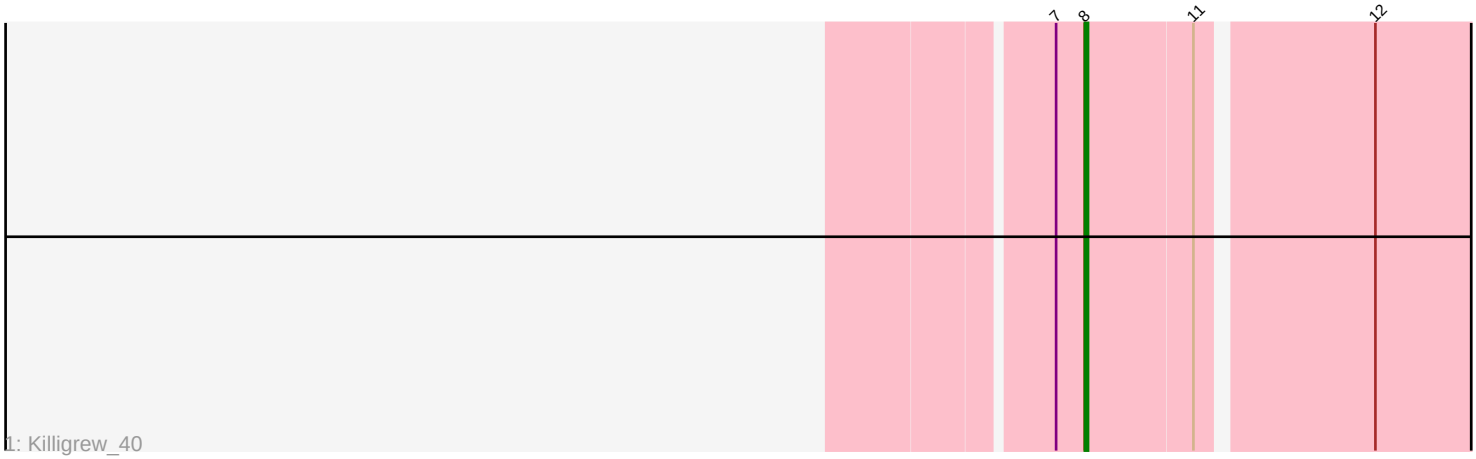
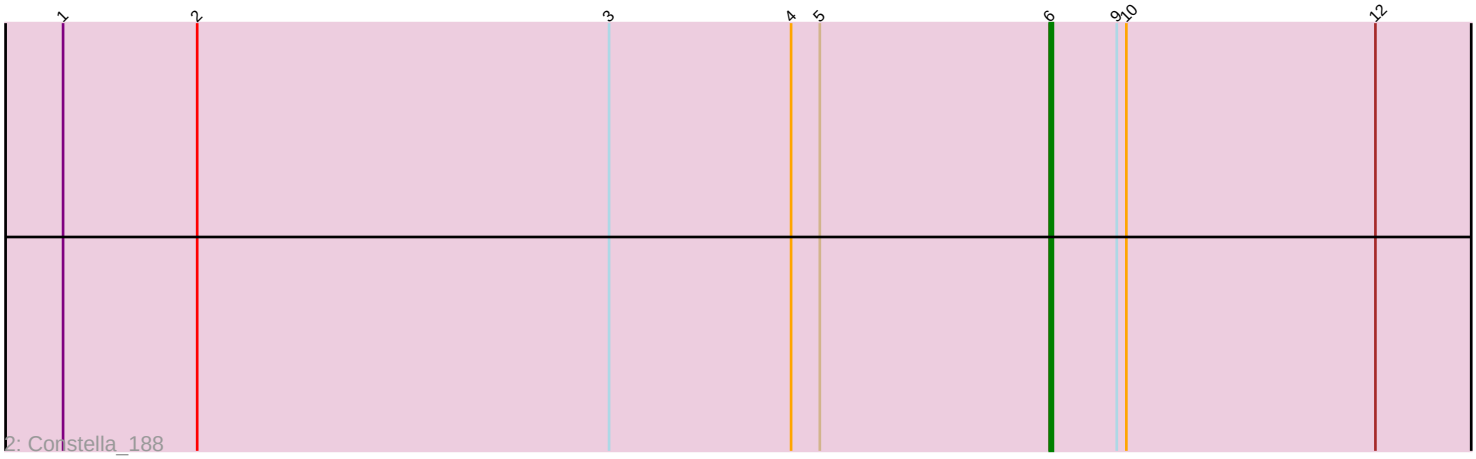
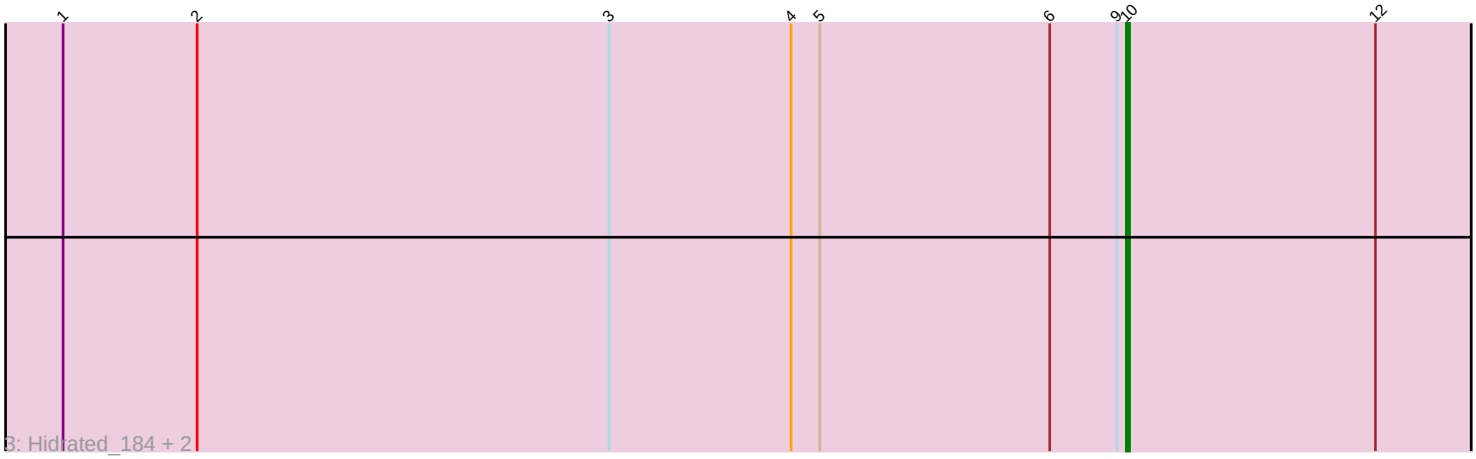
Pham 272697


7
8
11
12
1: Killigrew_40


1
2
3
4
5
6
9
10
12
2: Constella_188


1
2
3
4
5
6
9
10
12
3: Hidrated_184 + 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 272697 Report

This analysis was run 02/07/26 on database version 634.

Pham number 272697 has 5 members, 2 are drafts.

Phages represented in each track:
• Track 1 : Killigrew_40
• Track 2 : Constella_188
• Track 3 : Hidrated_184, Xiaokay_187, KashFlow_189

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

The start number called the most often in the published annotations is 8, it was called in 1 of the 3 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Killigrew_40,

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

Genes that do not have the "Most Annotated" start:
• Constella_188, Hidrated_184, KashFlow_189, Xiaokay_187,

Summary by start number:

Start 6:
• Found in 4 of 5 (80.0%) of genes in pham
• Manual Annotations of this start: 1 of 3
• Called 25.0% of time when present
• Phage (with cluster) where this start called: Constella_188 (J),

Start 8:
• Found in 1 of 5 (20.0%) of genes in pham
• Manual Annotations of this start: 1 of 3
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Killigrew_40 (A1),

Start 10:
• Found in 4 of 5 (80.0%) of genes in pham

• Manual Annotations of this start: 1 of 3
• Called 75.0% of time when present
• Phage (with cluster) where this start called: Hidrated_184 (J), KashFlow_189 (J), Xiaokay_187 (J),

Summary by clusters:

There are 2 clusters represented in this pham: A1, J,

Info for manual annotations of cluster A1:
•Start number 8 was manually annotated 1 time for cluster A1.

Info for manual annotations of cluster J:
•Start number 6 was manually annotated 1 time for cluster J.
•Start number 10 was manually annotated 1 time for cluster J.

Gene Information:

Gene: Constella_188 Start: 96823, Stop: 96650, Start Num: 6
Candidate Starts for Constella_188:
(1, 97132), (2, 97090), (3, 96961), (4, 96904), (5, 96895), (Start: 6 @96823 has 1 MA's), (9, 96802), (Start: 10 @96799 has 1 MA's), (12, 96721),

Gene: Hidrated_184 Start: 98306, Stop: 98157, Start Num: 10
Candidate Starts for Hidrated_184:
(1, 98639), (2, 98597), (3, 98468), (4, 98411), (5, 98402), (Start: 6 @98330 has 1 MA's), (9, 98309), (Start: 10 @98306 has 1 MA's), (12, 98228),

Gene: KashFlow_189 Start: 96734, Stop: 96537, Start Num: 10
Candidate Starts for KashFlow_189:
(1, 97067), (2, 97025), (3, 96896), (4, 96839), (5, 96830), (Start: 6 @96758 has 1 MA's), (9, 96737), (Start: 10 @96734 has 1 MA's), (12, 96656),

Gene: Killigrew_40 Start: 32035, Stop: 31868, Start Num: 8
Candidate Starts for Killigrew_40:
(7, 32044), (Start: 8 @32035 has 1 MA's), (11, 32002), (12, 31951),

Gene: Xiaokay_187 Start: 97393, Stop: 97244, Start Num: 10
Candidate Starts for Xiaokay_187:
(1, 97726), (2, 97684), (3, 97555), (4, 97498), (5, 97489), (Start: 6 @97417 has 1 MA's), (9, 97396), (Start: 10 @97393 has 1 MA's), (12, 97315),