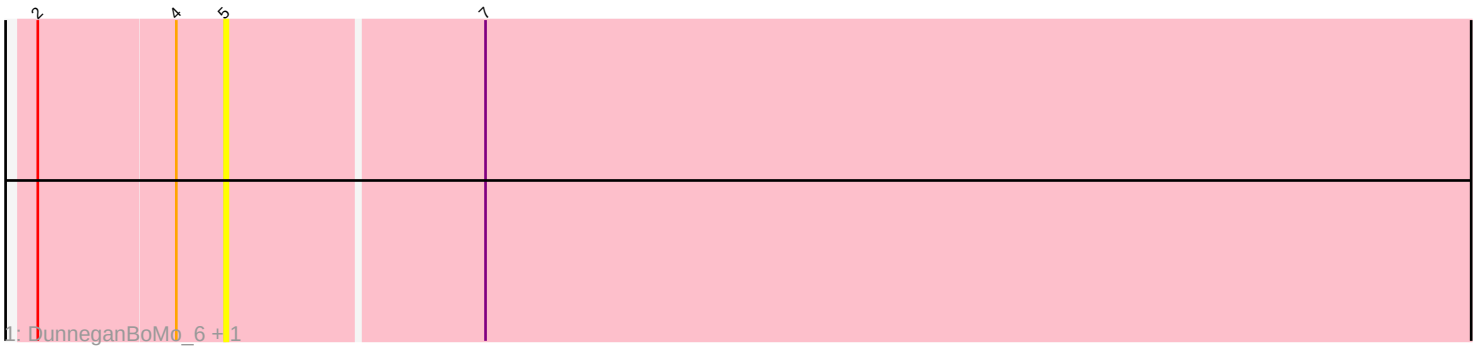
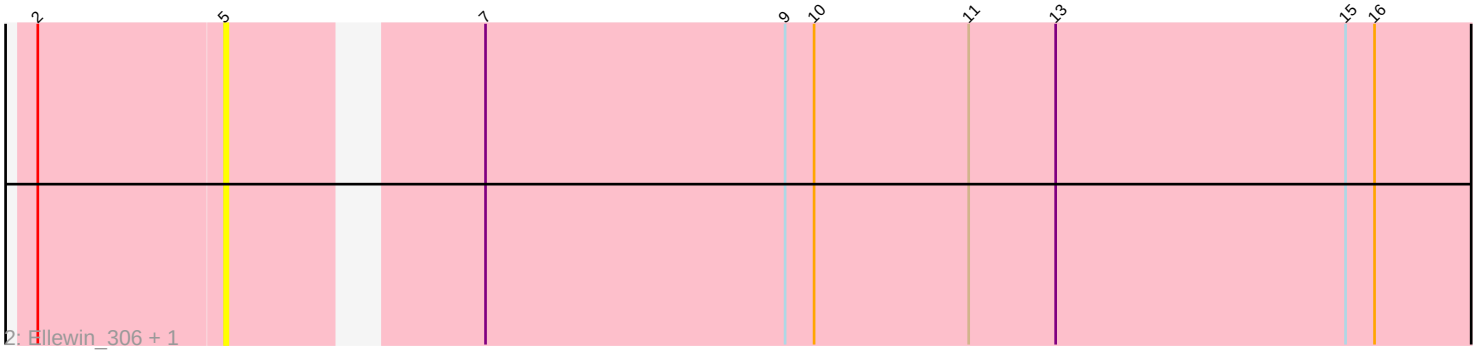
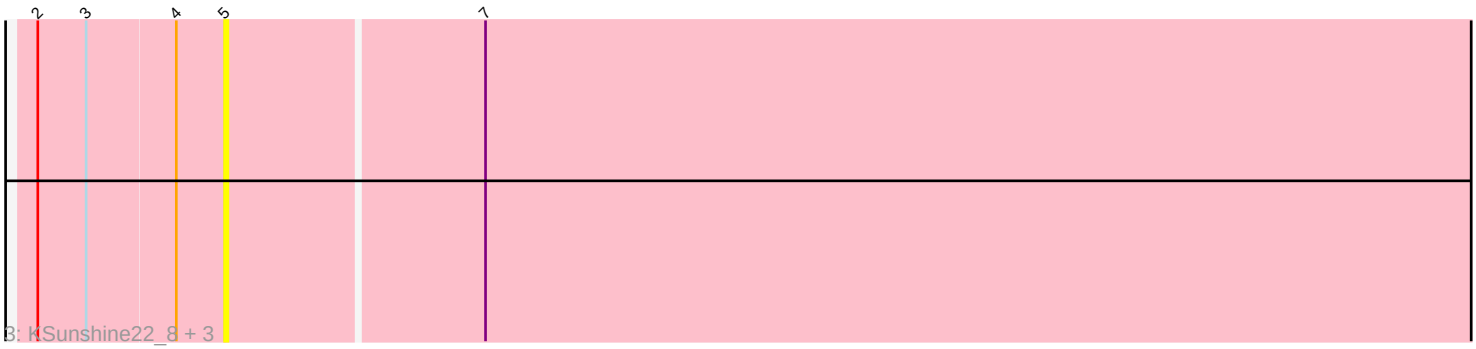
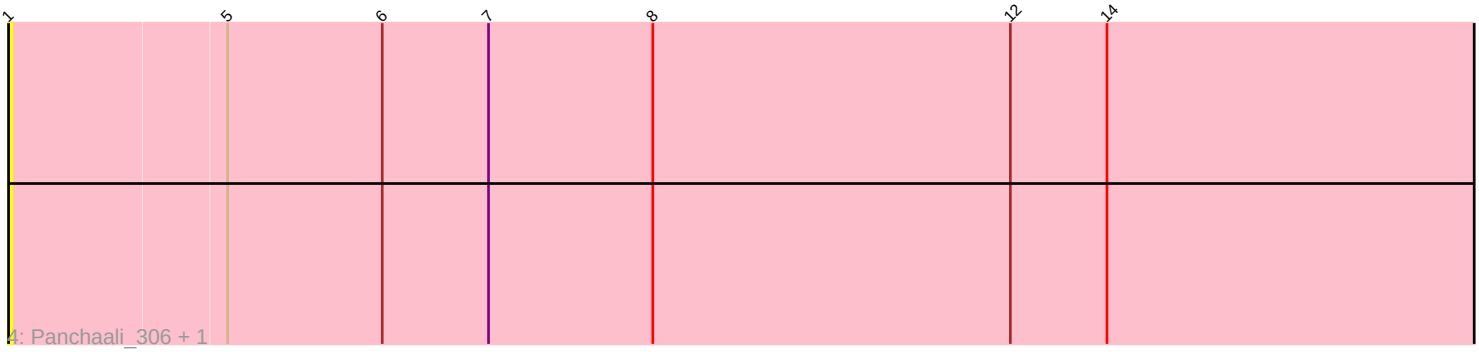
Pham 214882


2
4
5
7
1: DunneganBoMo_6 + 1


2
5
7
9
10
11
13
15
16
2: Billewin_306 + 1


2
3
4
5
7
3: KSunshine22_8 + 3


1
5
6
7
8
12
14
4: Panchaali_306 + 1

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 214882 Report

This analysis was run 02/22/25 on database version 588.

Pham number 214882 has 10 members, 10 are drafts.

Phages represented in each track:
• Track 1 : DunneganBoMo_6, DunneganBoMo_309
• Track 2 : Ellewin_306, Ellewin_7
• Track 3 : KSunshine22_8, WaddleDee_5, WaddleDee_307, KSunshine22_300
• Track 4 : Panchaali_306, Panchaali_7

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 1:
• Found in 2 of 10 (20.0%) of genes in pham
• No Manual Annotations of this start.
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Panchaali_306 (FC), Panchaali_7 (FC),

Start 5:
• Found in 10 of 10 (100.0%) of genes in pham
• No Manual Annotations of this start.
• Called 80.0% of time when present
• Phage (with cluster) where this start called: DunneganBoMo_309 (FC), DunneganBoMo_6 (FC), Ellewin_306 (FC), Ellewin_7 (FC), KSunshine22_300 (FC), KSunshine22_8 (FC), WaddleDee_307 (FC), WaddleDee_5 (FC),

Summary by clusters:

There is one cluster represented in this pham: FC

Gene Information:

Gene: DunneganBoMo_6 Start: 3436, Stop: 3834, Start Num: 5

Candidate Starts for DunneganBoMo_6:
(2, 3379), (4, 3421), (5, 3436), (7, 3514),

Gene: DunneganBoMo_309 Start: 182848, Stop: 183246, Start Num: 5
Candidate Starts for DunneganBoMo_309:
(2, 182791), (4, 182833), (5, 182848), (7, 182926),

Gene: Ellewin_306 Start: 182480, Stop: 182863, Start Num: 5
Candidate Starts for Ellewin_306:
(2, 182423), (5, 182480), (7, 182546), (9, 182639), (10, 182648), (11, 182696), (13, 182723), (15, 182813), (16, 182822),

Gene: Ellewin_7 Start: 3366, Stop: 3749, Start Num: 5
Candidate Starts for Ellewin_7:
(2, 3309), (5, 3366), (7, 3432), (9, 3525), (10, 3534), (11, 3582), (13, 3609), (15, 3699), (16, 3708),

Gene: KSunshine22_8 Start: 4026, Stop: 4424, Start Num: 5
Candidate Starts for KSunshine22_8:
(2, 3969), (3, 3984), (4, 4011), (5, 4026), (7, 4104),

Gene: KSunshine22_300 Start: 180927, Stop: 181325, Start Num: 5
Candidate Starts for KSunshine22_300:
(2, 180870), (3, 180885), (4, 180912), (5, 180927), (7, 181005),

Gene: Panchaali_306 Start: 182503, Stop: 182970, Start Num: 1
Candidate Starts for Panchaali_306:
(1, 182503), (5, 182569), (6, 182617), (7, 182650), (8, 182701), (12, 182812), (14, 182842),

Gene: Panchaali_7 Start: 3445, Stop: 3912, Start Num: 1
Candidate Starts for Panchaali_7:
(1, 3445), (5, 3511), (6, 3559), (7, 3592), (8, 3643), (12, 3754), (14, 3784),

Gene: WaddleDee_5 Start: 3436, Stop: 3834, Start Num: 5
Candidate Starts for WaddleDee_5:
(2, 3379), (3, 3394), (4, 3421), (5, 3436), (7, 3514),

Gene: WaddleDee_307 Start: 181631, Stop: 182029, Start Num: 5
Candidate Starts for WaddleDee_307:
(2, 181574), (3, 181589), (4, 181616), (5, 181631), (7, 181709),