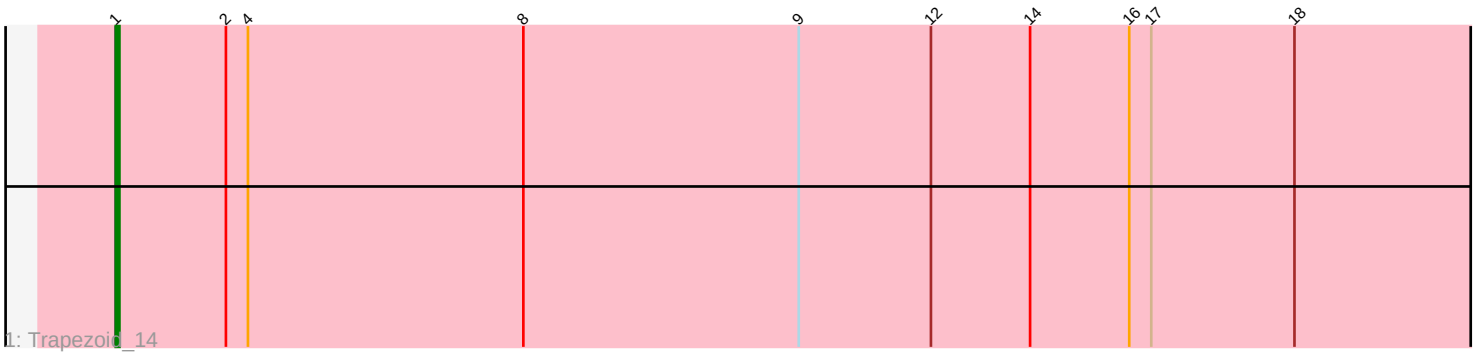
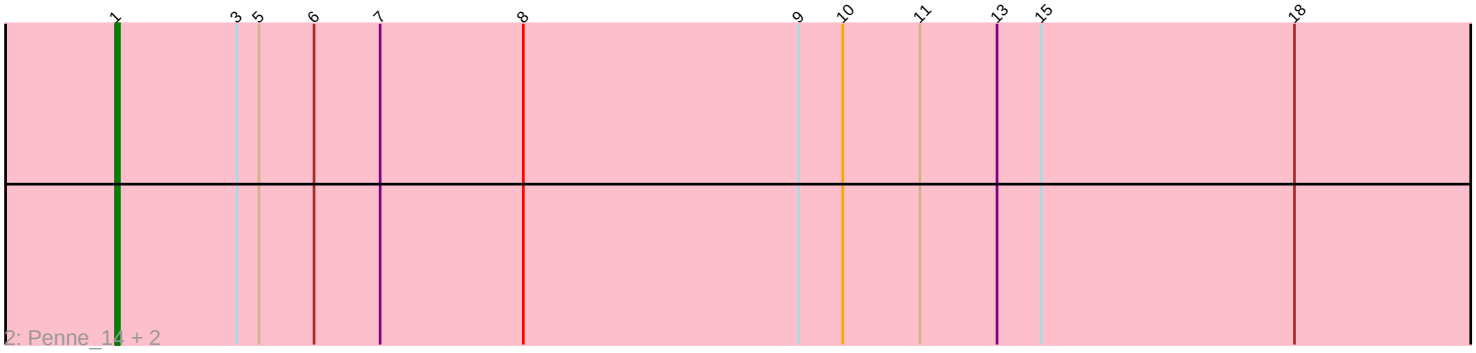
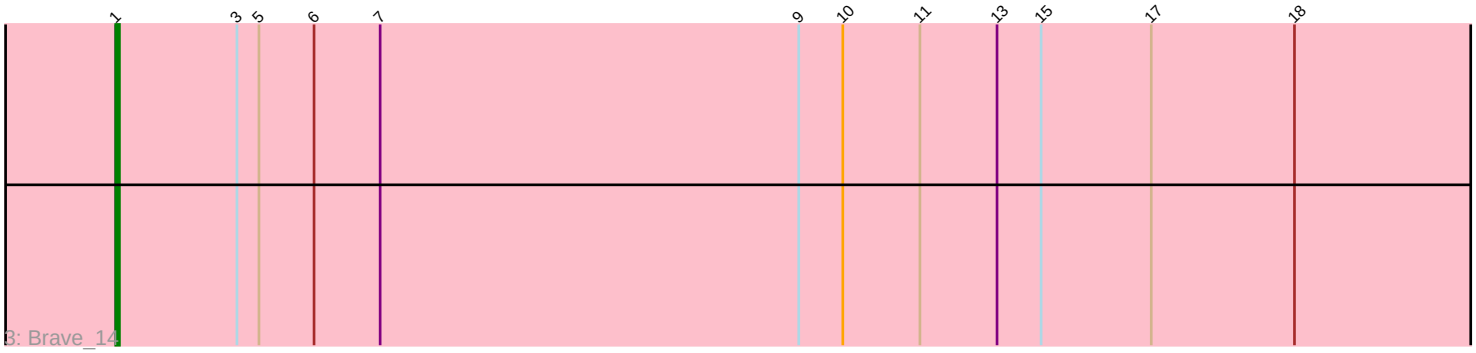
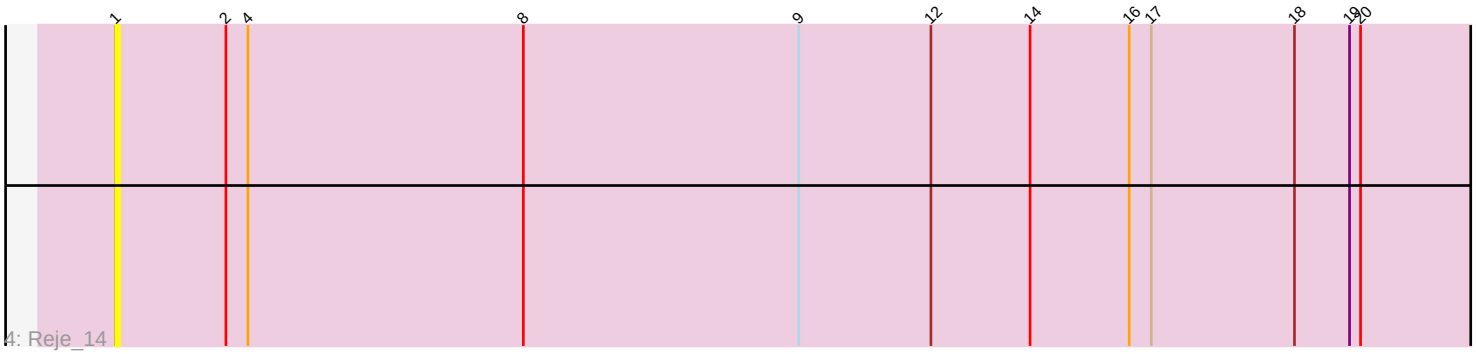
Pham 348398


1
2
4
8
9
12
14
16
17
18
1: Trapezoid_14


1
3
5
6
7
8
9
10
11
13
15
18
2: Penne_14 + 2


1
3
5
6
7
9
10
11
13
15
17
18
3: Brave_14


1
2
4
8
9
12
14
16
17
18
19
20
4: Reje_14

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 348398 Report

This analysis was run 11/14/26 on database version 672.

Pham number 348398 has 6 members, 1 are drafts.

Phages represented in each track:
• Track 1 : Trapezoid_14
• Track 2 : Penne_14, Squall_14, Fairywren_14
• Track 3 : Brave_14
• Track 4 : Reje_14

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 5 of the 5 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Brave_14, Fairywren_14, Penne_14, Reje_14, Squall_14, Trapezoid_14,

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 6 of 6 (100.0%) of genes in pham
• Manual Annotations of this start: 5 of 5
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Brave_14 (JB1), Fairywren_14 (JB1), Penne_14 (JB1), Reje_14 (UNK), Squall_14 (JB1), Trapezoid_14 (JB1),

Summary by clusters:

There are 2 clusters represented in this pham: UNK, JB1,

Info for manual annotations of cluster JB1:
•Start number 1 was manually annotated 5 times for cluster JB1.

Gene Information:

Gene: Brave_14 Start: 14117, Stop: 14518, Start Num: 1
Candidate Starts for Brave_14:
(Start: 1 @14117 has 5 MA's), (3, 14150), (5, 14156), (6, 14171), (7, 14189), (9, 14303), (10, 14315), (11, 14336), (13, 14357), (15, 14369), (17, 14399), (18, 14438),

Gene: Fairywren_14 Start: 14083, Stop: 14484, Start Num: 1
Candidate Starts for Fairywren_14:
(Start: 1 @14083 has 5 MA's), (3, 14116), (5, 14122), (6, 14137), (7, 14155), (8, 14194), (9, 14269), (10, 14281), (11, 14302), (13, 14323), (15, 14335), (18, 14404),

Gene: Penne_14 Start: 14120, Stop: 14521, Start Num: 1
Candidate Starts for Penne_14:
(Start: 1 @14120 has 5 MA's), (3, 14153), (5, 14159), (6, 14174), (7, 14192), (8, 14231), (9, 14306), (10, 14318), (11, 14339), (13, 14360), (15, 14372), (18, 14441),

Gene: Reje_14 Start: 13951, Stop: 14337, Start Num: 1
Candidate Starts for Reje_14:
(Start: 1 @13951 has 5 MA's), (2, 13981), (4, 13987), (8, 14062), (9, 14137), (12, 14173), (14, 14200), (16, 14227), (17, 14233), (18, 14272), (19, 14287), (20, 14290),

Gene: Squall_14 Start: 14087, Stop: 14488, Start Num: 1
Candidate Starts for Squall_14:
(Start: 1 @14087 has 5 MA's), (3, 14120), (5, 14126), (6, 14141), (7, 14159), (8, 14198), (9, 14273), (10, 14285), (11, 14306), (13, 14327), (15, 14339), (18, 14408),

Gene: Trapezoid_14 Start: 13984, Stop: 14370, Start Num: 1
Candidate Starts for Trapezoid_14:
(Start: 1 @13984 has 5 MA's), (2, 14014), (4, 14020), (8, 14095), (9, 14170), (12, 14206), (14, 14233), (16, 14260), (17, 14266), (18, 14305),