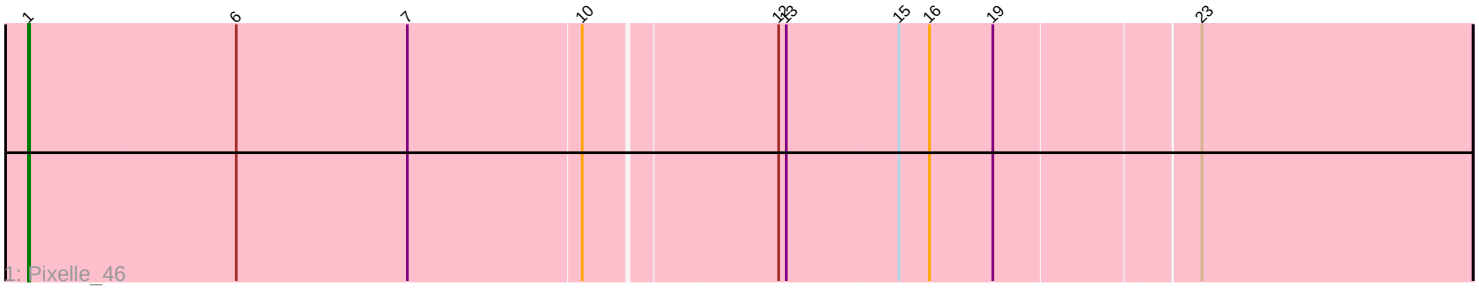
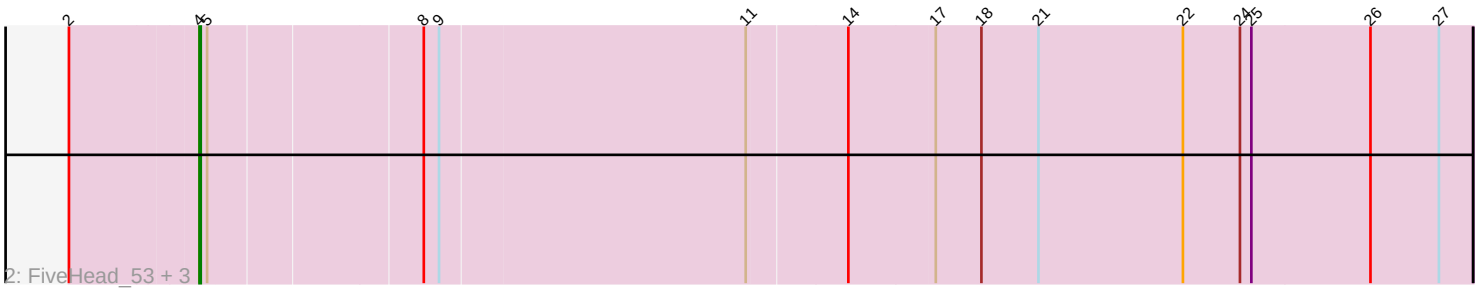
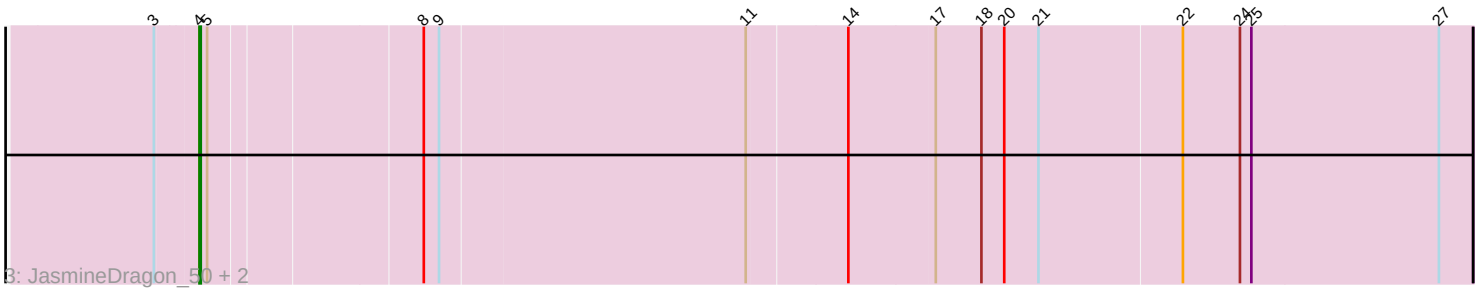
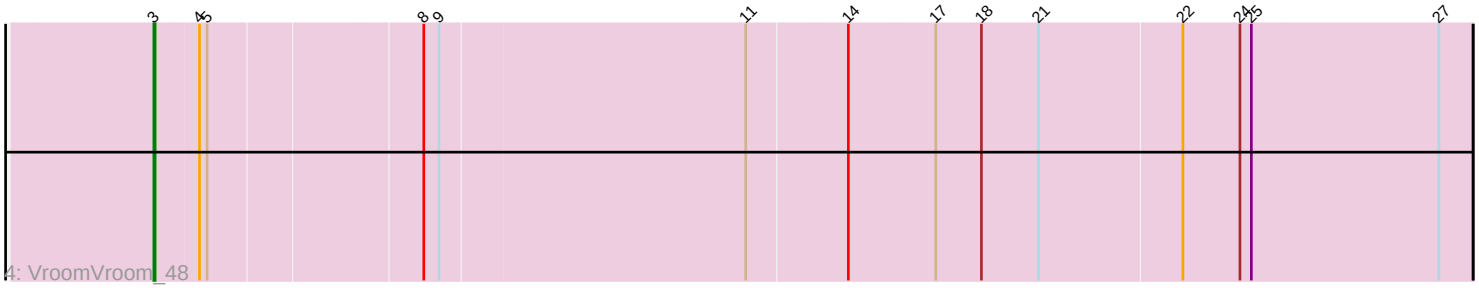
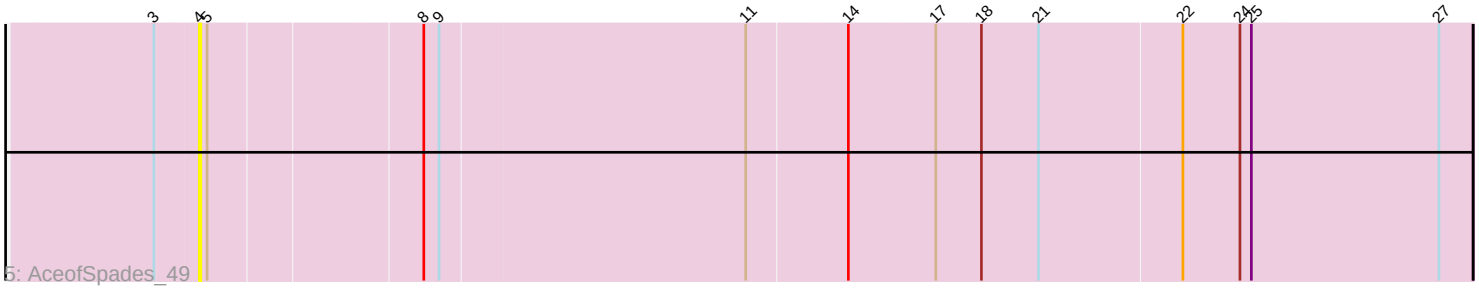
Pham 348271


1
6
7
10
12
13
15
16
19
23
1: Pixelle_46


2
4
5
8
9
11
14
17
18
21
22
24
25
26
27
2: FiveHead_53 + 3


3
4
5
8
9
11
14
17
18
20
21
22
24
25
27
3: JasmineDragon_50 + 2


3
4
5
8
9
11
14
17
18
21
22
24
25
27
4: VroomVroom_48


3
4
5
8
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14
17
18
21
22
24
25
27
5: AceofSpades_49

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 348271 Report

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

Pham number 348271 has 10 members, 2 are drafts.

Phages represented in each track:
• Track 1 : Pixelle_46
• Track 2 : FiveHead_53, Origami_49, JohnThicc_49, LadyAstra_50
• Track 3 : JasmineDragon_50, MiniMommy_50, ShakeItOph_50
• Track 4 : VroomVroom_48
• Track 5 : AceofSpades_49

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

The start number called the most often in the published annotations is 4, it was called in 6 of the 8 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• AceofSpades_49, FiveHead_53, JasmineDragon_50, JohnThicc_49, LadyAstra_50, MiniMommy_50, Origami_49, ShakeItOph_50,

Genes that have the "Most Annotated" start but do not call it:
• VroomVroom_48,

Genes that do not have the "Most Annotated" start:
• Pixelle_46,

Summary by start number:

Start 1:
• Found in 1 of 10 (10.0%) of genes in pham
• Manual Annotations of this start: 1 of 8
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Pixelle_46 (AZ1),

Start 3:
• Found in 5 of 10 (50.0%) of genes in pham
• Manual Annotations of this start: 1 of 8
• Called 20.0% of time when present
• Phage (with cluster) where this start called: VroomVroom_48 (AZ4),

Start 4:
• Found in 9 of 10 (90.0%) of genes in pham
• Manual Annotations of this start: 6 of 8
• Called 88.9% of time when present
• Phage (with cluster) where this start called: AceofSpades_49 (AZ4), FiveHead_53 (AZ4), JasmineDragon_50 (AZ4), JohnThicc_49 (AZ4), LadyAstra_50 (AZ4), MiniMommy_50 (AZ4), Origami_49 (AZ4), ShakeItOph_50 (AZ4),

Summary by clusters:

There are 2 clusters represented in this pham: AZ1, AZ4,

Info for manual annotations of cluster AZ1:
•Start number 1 was manually annotated 1 time for cluster AZ1.

Info for manual annotations of cluster AZ4:
•Start number 3 was manually annotated 1 time for cluster AZ4.
•Start number 4 was manually annotated 6 times for cluster AZ4.

Gene Information:

Gene: AceofSpades_49 Start: 34223, Stop: 35197, Start Num: 4
Candidate Starts for AceofSpades_49:
(Start: 3 @34193 has 1 MA's), (Start: 4 @34223 has 6 MA's), (5, 34229), (8, 34388), (9, 34400), (11, 34637), (14, 34712), (17, 34778), (18, 34814), (21, 34859), (22, 34970), (24, 35015), (25, 35024), (27, 35171),

Gene: FiveHead_53 Start: 34190, Stop: 35167, Start Num: 4
Candidate Starts for FiveHead_53:
(2, 34094), (Start: 4 @34190 has 6 MA's), (5, 34196), (8, 34355), (9, 34367), (11, 34604), (14, 34679), (17, 34745), (18, 34781), (21, 34826), (22, 34940), (24, 34985), (25, 34994), (26, 35087), (27, 35141),

Gene: JasmineDragon_50 Start: 34166, Stop: 35137, Start Num: 4
Candidate Starts for JasmineDragon_50:
(Start: 3 @34136 has 1 MA's), (Start: 4 @34166 has 6 MA's), (5, 34172), (8, 34328), (9, 34340), (11, 34577), (14, 34652), (17, 34718), (18, 34754), (20, 34772), (21, 34799), (22, 34910), (24, 34955), (25, 34964), (27, 35111),

Gene: JohnThicc_49 Start: 34190, Stop: 35167, Start Num: 4
Candidate Starts for JohnThicc_49:
(2, 34094), (Start: 4 @34190 has 6 MA's), (5, 34196), (8, 34355), (9, 34367), (11, 34604), (14, 34679), (17, 34745), (18, 34781), (21, 34826), (22, 34940), (24, 34985), (25, 34994), (26, 35087), (27, 35141),

Gene: LadyAstra_50 Start: 34290, Stop: 35267, Start Num: 4
Candidate Starts for LadyAstra_50:
(2, 34194), (Start: 4 @34290 has 6 MA's), (5, 34296), (8, 34455), (9, 34467), (11, 34704), (14, 34779), (17, 34845), (18, 34881), (21, 34926), (22, 35040), (24, 35085), (25, 35094), (26, 35187), (27, 35241),

Gene: MiniMommy_50 Start: 34167, Stop: 35138, Start Num: 4
Candidate Starts for MiniMommy_50:

(Start: 3 @34137 has 1 MA's), (Start: 4 @34167 has 6 MA's), (5, 34173), (8, 34329), (9, 34341), (11, 34578), (14, 34653), (17, 34719), (18, 34755), (20, 34773), (21, 34800), (22, 34911), (24, 34956), (25, 34965), (27, 35112),

Gene: Origami_49 Start: 34082, Stop: 35059, Start Num: 4
Candidate Starts for Origami_49:
(2, 33986), (Start: 4 @34082 has 6 MA's), (5, 34088), (8, 34247), (9, 34259), (11, 34496), (14, 34571), (17, 34637), (18, 34673), (21, 34718), (22, 34832), (24, 34877), (25, 34886), (26, 34979), (27, 35033),

Gene: Pixelle_46 Start: 34066, Stop: 35172, Start Num: 1
Candidate Starts for Pixelle_46:
(Start: 1 @34066 has 1 MA's), (6, 34228), (7, 34363), (10, 34498), (12, 34642), (13, 34648), (15, 34735), (16, 34759), (19, 34807), (23, 34960),

Gene: ShakeItOph_50 Start: 34166, Stop: 35137, Start Num: 4
Candidate Starts for ShakeItOph_50:
(Start: 3 @34136 has 1 MA's), (Start: 4 @34166 has 6 MA's), (5, 34172), (8, 34328), (9, 34340), (11, 34577), (14, 34652), (17, 34718), (18, 34754), (20, 34772), (21, 34799), (22, 34910), (24, 34955), (25, 34964), (27, 35111),

Gene: VroomVroom_48 Start: 34057, Stop: 35061, Start Num: 3
Candidate Starts for VroomVroom_48:
(Start: 3 @34057 has 1 MA's), (Start: 4 @34087 has 6 MA's), (5, 34093), (8, 34252), (9, 34264), (11, 34501), (14, 34576), (17, 34642), (18, 34678), (21, 34723), (22, 34834), (24, 34879), (25, 34888), (27, 35035),