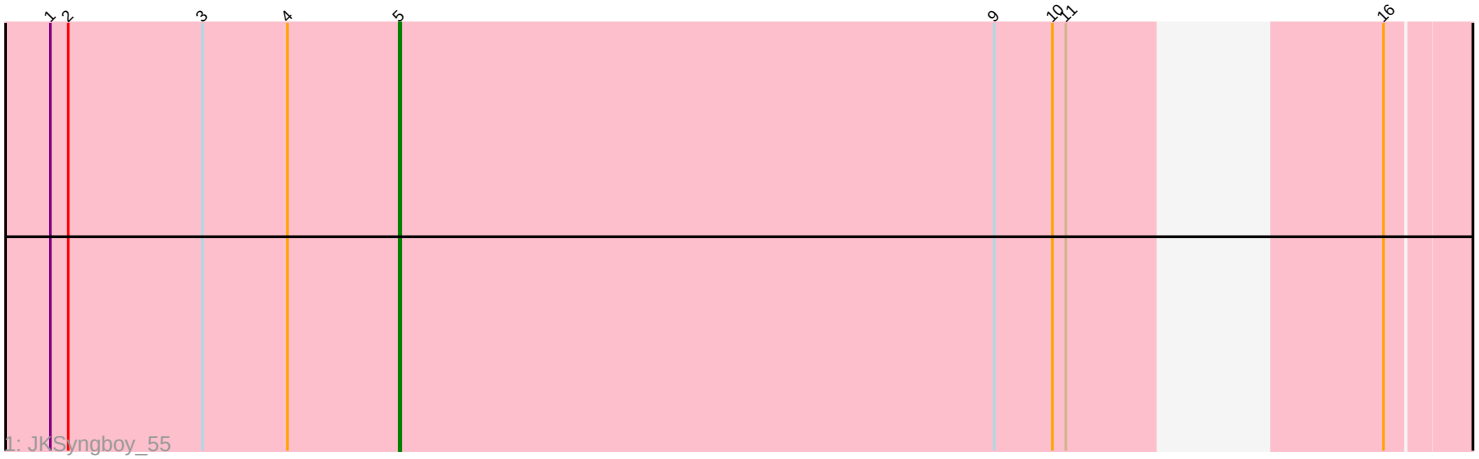
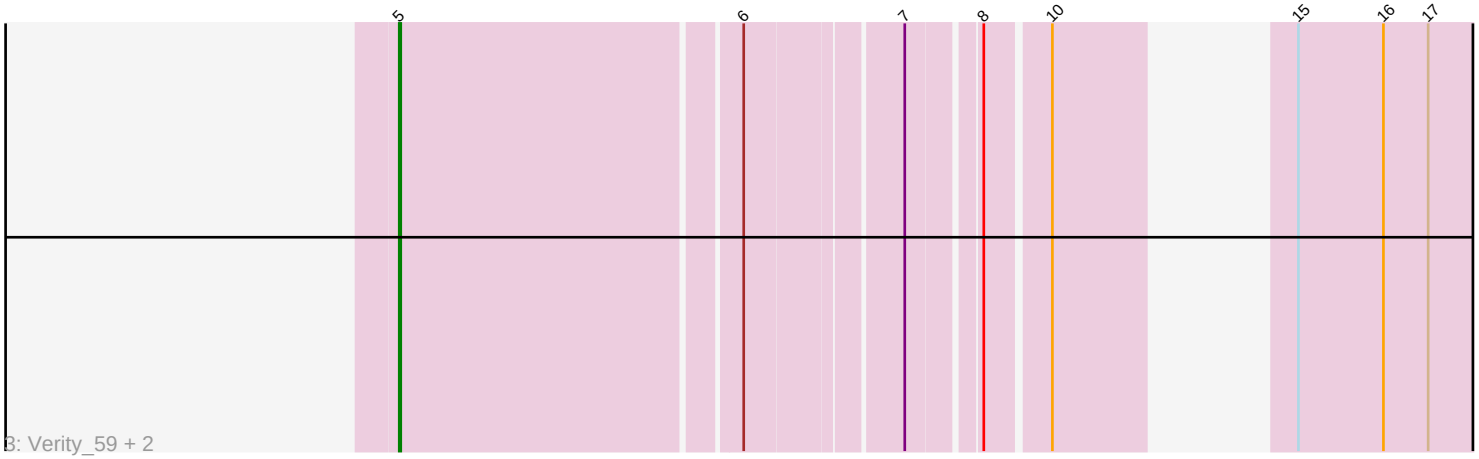
Pham 203658


1
2
3
4
5
9
10
11
16
1: JKSyngboy_55


5
6
7
8
10
11
12
13
14
15
16
17
2: APunk_60 + 2


5
6
7
8
10
15
16
17
3: Verity_59 + 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 203658 Report

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

Pham number 203658 has 7 members, 0 are drafts.

Phages represented in each track:
• Track 1 : JKSyngboy_55
• Track 2 : APunk_60, Zipp_60, ViaConlectus_59
• Track 3 : Verity_59, DoctorFroggo_59, Delrey21_59

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

The start number called the most often in the published annotations is 5, it was called in 7 of the 7 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• APunk_60, Delrey21_59, DoctorFroggo_59, JKSyngboy_55, Verity_59, ViaConlectus_59, Zipp_60,

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 5:
• Found in 7 of 7 (100.0%) of genes in pham
• Manual Annotations of this start: 7 of 7
• Called 100.0% of time when present
• Phage (with cluster) where this start called: APunk_60 (DE4), Delrey21_59 (DE4), DoctorFroggo_59 (DE4), JKSyngboy_55 (DE1), Verity_59 (DE4), ViaConlectus_59 (DE4), Zipp_60 (DE4),

Summary by clusters:

There are 2 clusters represented in this pham: DE1, DE4,

Info for manual annotations of cluster DE1:

•Start number 5 was manually annotated 1 time for cluster DE1.

Info for manual annotations of cluster DE4:
•Start number 5 was manually annotated 6 times for cluster DE4.

Gene Information:

Gene: APunk_60 Start: 46791, Stop: 47549, Start Num: 5
Candidate Starts for APunk_60:
(Start: 5 @46791 has 7 MA's), (6, 47010), (7, 47106), (8, 47148), (10, 47187), (11, 47196), (12, 47205), (13, 47298), (14, 47304), (15, 47352), (16, 47409), (17, 47439),

Gene: Delrey21_59 Start: 48008, Stop: 48682, Start Num: 5
Candidate Starts for Delrey21_59:
(Start: 5 @48008 has 7 MA's), (6, 48227), (7, 48323), (8, 48365), (10, 48404), (15, 48485), (16, 48542), (17, 48572),

Gene: DoctorFroggo_59 Start: 48008, Stop: 48682, Start Num: 5
Candidate Starts for DoctorFroggo_59:
(Start: 5 @48008 has 7 MA's), (6, 48227), (7, 48323), (8, 48365), (10, 48404), (15, 48485), (16, 48542), (17, 48572),

Gene: JKSyngboy_55 Start: 46741, Stop: 47460, Start Num: 5
Candidate Starts for JKSyngboy_55:
(1, 46507), (2, 46519), (3, 46609), (4, 46666), (Start: 5 @46741 has 7 MA's), (9, 47140), (10, 47179), (11, 47188), (16, 47323),

Gene: Verity_59 Start: 48008, Stop: 48682, Start Num: 5
Candidate Starts for Verity_59:
(Start: 5 @48008 has 7 MA's), (6, 48227), (7, 48323), (8, 48365), (10, 48404), (15, 48485), (16, 48542), (17, 48572),

Gene: ViaConlectus_59 Start: 45934, Stop: 46692, Start Num: 5
Candidate Starts for ViaConlectus_59:
(Start: 5 @45934 has 7 MA's), (6, 46153), (7, 46249), (8, 46291), (10, 46330), (11, 46339), (12, 46348), (13, 46441), (14, 46447), (15, 46495), (16, 46552), (17, 46582),

Gene: Zipp_60 Start: 47932, Stop: 48690, Start Num: 5
Candidate Starts for Zipp_60:
(Start: 5 @47932 has 7 MA's), (6, 48151), (7, 48247), (8, 48289), (10, 48328), (11, 48337), (12, 48346), (13, 48439), (14, 48445), (15, 48493), (16, 48550), (17, 48580),