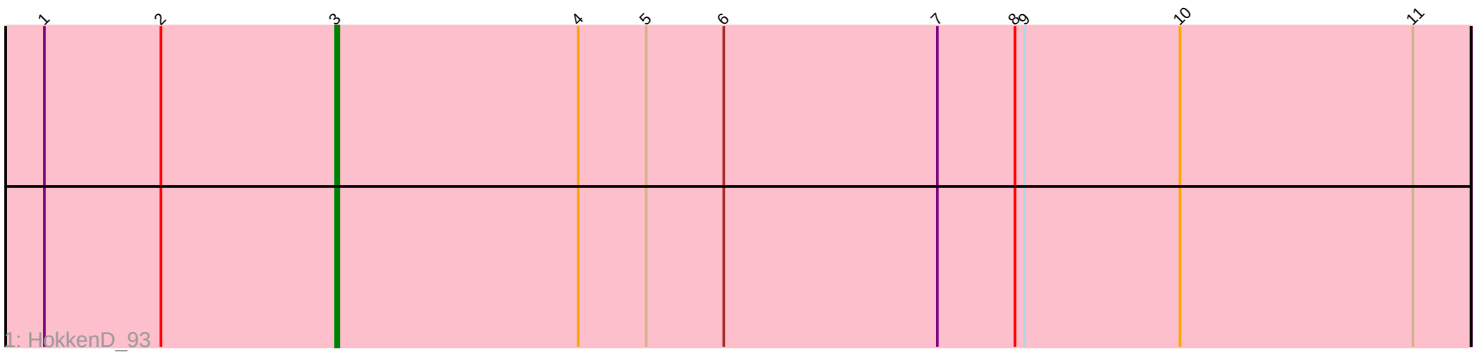
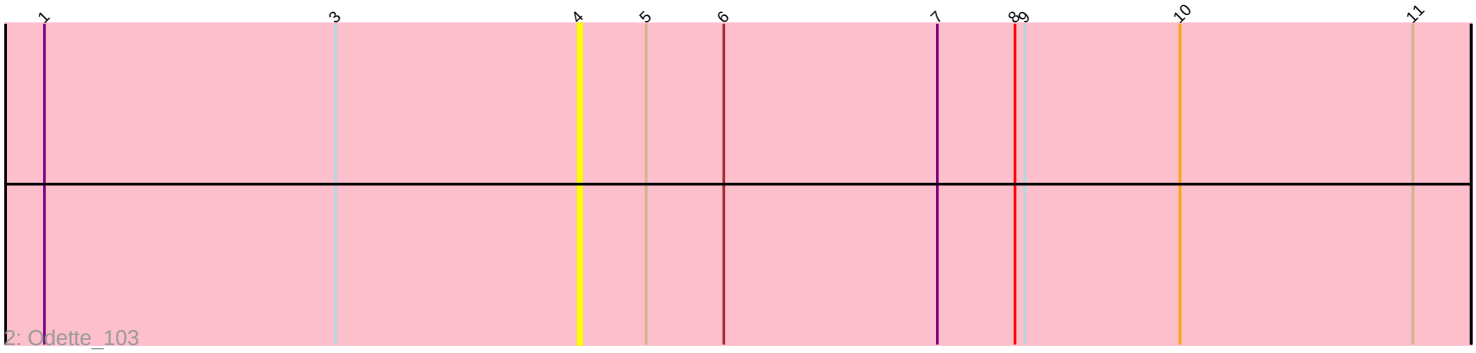
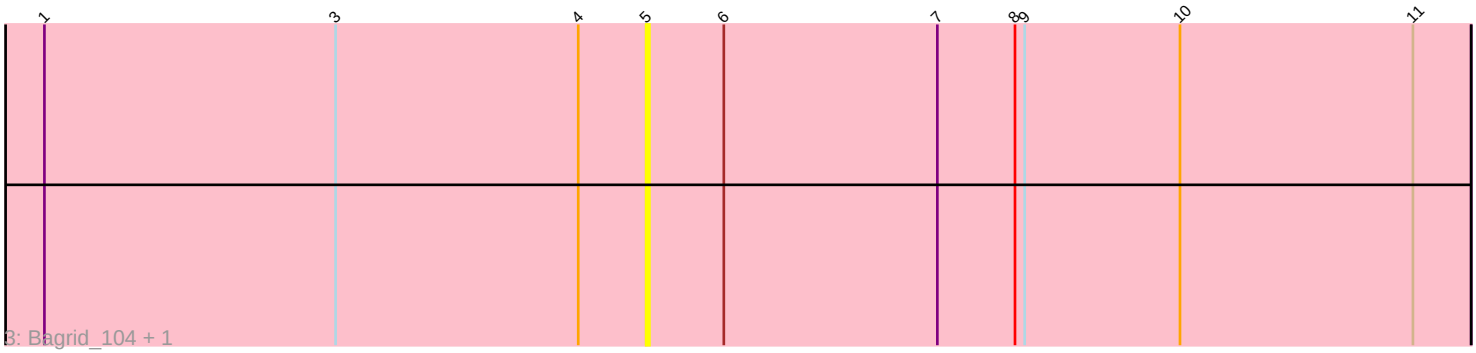
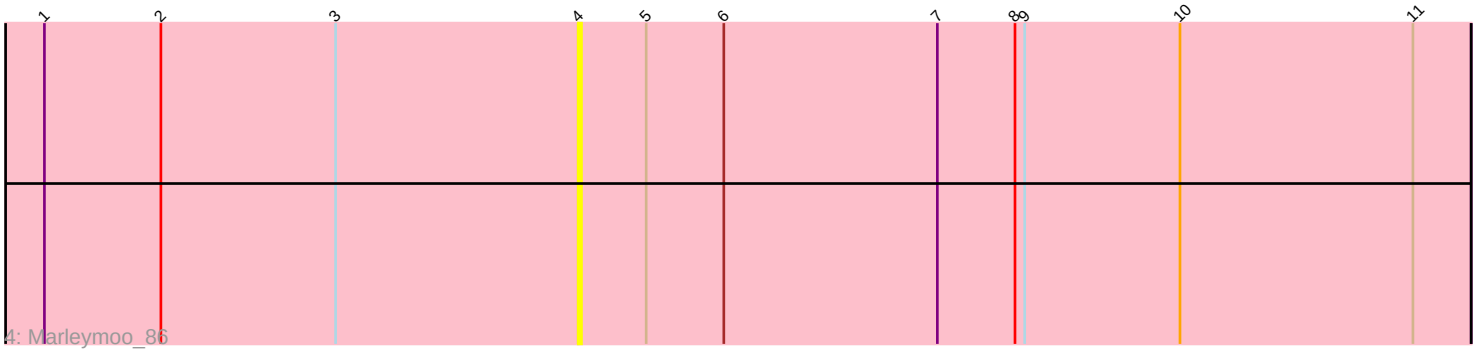
Pham 337515


1
2
3
4
5
6
7
8
9
10
11
1: HokkenD_93


1
3
4
5
6
7
8
9
10
11
2: Odette_103


1
3
4
5
6
7
8
9
10
11
3: Bagrid_104 + 1


1
2
3
4
5
6
7
8
9
10
11
4: Marleymoo_86

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 337515 Report

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

Pham number 337515 has 5 members, 4 are drafts.

Phages represented in each track:
• Track 1 : HokkenD_93
• Track 2 : Odette_103
• Track 3 : Bagrid_104, Xiaokay_94
• Track 4 : Marleymoo_86

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

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

Genes that call this "Most Annotated" start:
• HokkenD_93,

Genes that have the "Most Annotated" start but do not call it:
• Bagrid_104, Marleymoo_86, Odette_103, Xiaokay_94,

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

Summary by start number:

Start 3:
• Found in 5 of 5 (100.0%) of genes in pham
• Manual Annotations of this start: 1 of 1
• Called 20.0% of time when present
• Phage (with cluster) where this start called: HokkenD_93 (J),

Start 4:
• Found in 5 of 5 (100.0%) of genes in pham
• No Manual Annotations of this start.
• Called 40.0% of time when present
• Phage (with cluster) where this start called: Marleymoo_86 (J), Odette_103 (J),

Start 5:

• Found in 5 of 5 (100.0%) of genes in pham
• No Manual Annotations of this start.
• Called 40.0% of time when present
• Phage (with cluster) where this start called: Bagrid_104 (J), Xiaokay_94 (J),

Summary by clusters:

There is one cluster represented in this pham: J

Info for manual annotations of cluster J:
•Start number 3 was manually annotated 1 time for cluster J.

Gene Information:

Gene: Bagrid_104 Start: 61346, Stop: 61092, Start Num: 5
Candidate Starts for Bagrid_104:
(1, 61532), (Start: 3 @61442 has 1 MA's), (4, 61367), (5, 61346), (6, 61322), (7, 61256), (8, 61232), (9, 61229), (10, 61181), (11, 61109),

Gene: HokkenD_93 Start: 60573, Stop: 60223, Start Num: 3
Candidate Starts for HokkenD_93:
(1, 60663), (2, 60627), (Start: 3 @60573 has 1 MA's), (4, 60498), (5, 60477), (6, 60453), (7, 60387), (8, 60363), (9, 60360), (10, 60312), (11, 60240),

Gene: Marleymoo_86 Start: 58381, Stop: 58106, Start Num: 4
Candidate Starts for Marleymoo_86:
(1, 58546), (2, 58510), (Start: 3 @58456 has 1 MA's), (4, 58381), (5, 58360), (6, 58336), (7, 58270), (8, 58246), (9, 58243), (10, 58195), (11, 58123),

Gene: Odette_103 Start: 61358, Stop: 61083, Start Num: 4
Candidate Starts for Odette_103:
(1, 61523), (Start: 3 @61433 has 1 MA's), (4, 61358), (5, 61337), (6, 61313), (7, 61247), (8, 61223), (9, 61220), (10, 61172), (11, 61100),

Gene: Xiaokay_94 Start: 58247, Stop: 57993, Start Num: 5
Candidate Starts for Xiaokay_94:
(1, 58433), (Start: 3 @58343 has 1 MA's), (4, 58268), (5, 58247), (6, 58223), (7, 58157), (8, 58133), (9, 58130), (10, 58082), (11, 58010),