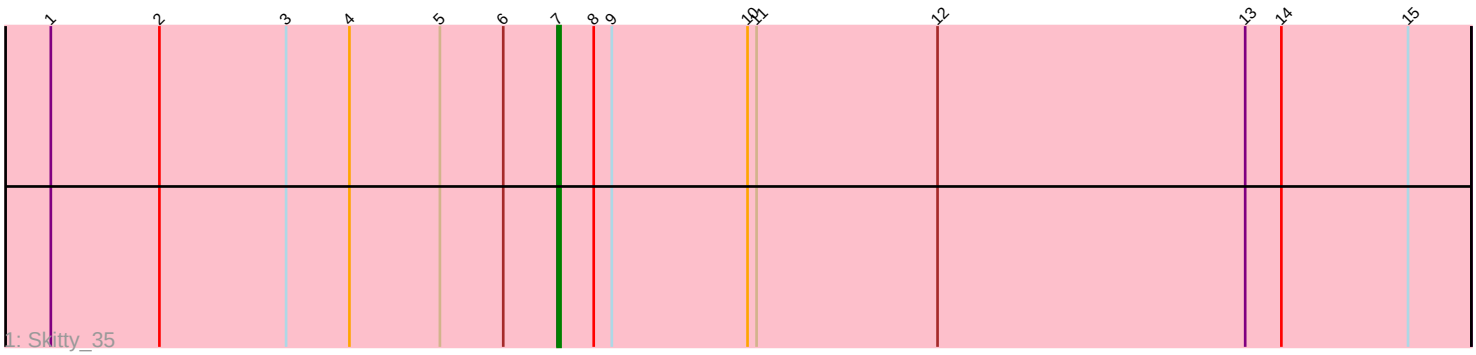
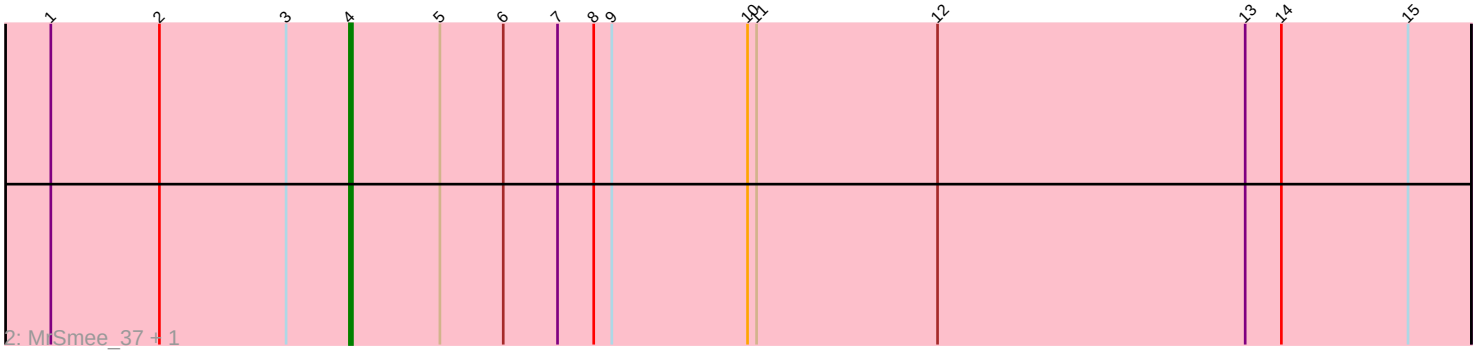
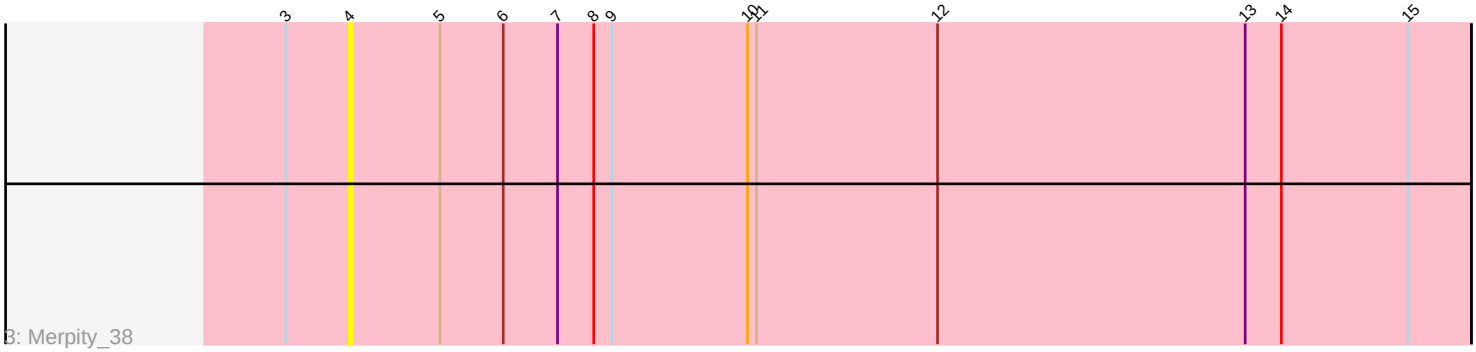
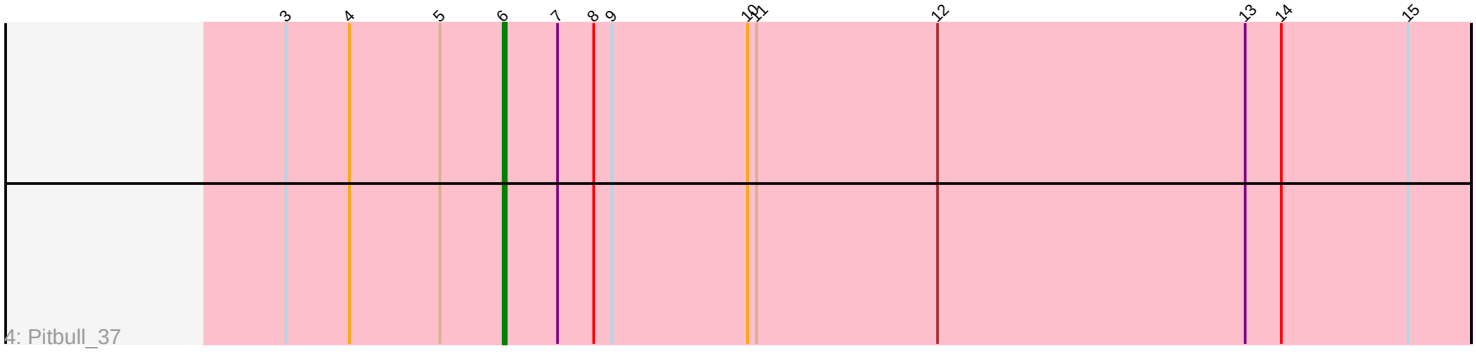
Pham 348434


1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
1: Skitty_35


1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
2: MrSmee_37 + 1


3
4
5
6
7
8
9
10
11
12
13
14
15
3: Merpity_38


3
4
5
6
7
8
9
10
11
12
13
14
15
4: Pitbull_37

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 348434 Report

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

Pham number 348434 has 5 members, 1 are drafts.

Phages represented in each track:
• Track 1 : Skitty_35
• Track 2 : MrSmee_37, Hum25_38
• Track 3 : Merpity_38
• Track 4 : Pitbull_37

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 2 of the 4 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Hum25_38, Merpity_38, MrSmee_37,

Genes that have the "Most Annotated" start but do not call it:
• Pitbull_37, Skitty_35,

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

Summary by start number:

Start 4:
• Found in 5 of 5 (100.0%) of genes in pham
• Manual Annotations of this start: 2 of 4
• Called 60.0% of time when present
• Phage (with cluster) where this start called: Hum25_38 (FQ1), Merpity_38 (FQ1), MrSmee_37 (FQ1),

Start 6:
• Found in 5 of 5 (100.0%) of genes in pham
• Manual Annotations of this start: 1 of 4
• Called 20.0% of time when present
• Phage (with cluster) where this start called: Pitbull_37 (FQ1),

Start 7:
• Found in 5 of 5 (100.0%) of genes in pham
• Manual Annotations of this start: 1 of 4
• Called 20.0% of time when present
• Phage (with cluster) where this start called: Skitty_35 (FQ1),

Summary by clusters:

There is one cluster represented in this pham: FQ1

Info for manual annotations of cluster FQ1:
•Start number 4 was manually annotated 2 times for cluster FQ1.
•Start number 6 was manually annotated 1 time for cluster FQ1.
•Start number 7 was manually annotated 1 time for cluster FQ1.

Gene Information:

Gene: Hum25_38 Start: 26145, Stop: 25774, Start Num: 4
Candidate Starts for Hum25_38:
(1, 26244), (2, 26208), (3, 26166), (Start: 4 @26145 has 2 MA's), (5, 26115), (Start: 6 @26094 has 1 MA's), (Start: 7 @26076 has 1 MA's), (8, 26064), (9, 26058), (10, 26013), (11, 26010), (12, 25950), (13, 25848), (14, 25836), (15, 25794),

Gene: Merpity_38 Start: 26598, Stop: 26227, Start Num: 4
Candidate Starts for Merpity_38:
(3, 26619), (Start: 4 @26598 has 2 MA's), (5, 26568), (Start: 6 @26547 has 1 MA's), (Start: 7 @26529 has 1 MA's), (8, 26517), (9, 26511), (10, 26466), (11, 26463), (12, 26403), (13, 26301), (14, 26289), (15, 26247),

Gene: MrSmee_37 Start: 26784, Stop: 26413, Start Num: 4
Candidate Starts for MrSmee_37:
(1, 26883), (2, 26847), (3, 26805), (Start: 4 @26784 has 2 MA's), (5, 26754), (Start: 6 @26733 has 1 MA's), (Start: 7 @26715 has 1 MA's), (8, 26703), (9, 26697), (10, 26652), (11, 26649), (12, 26589), (13, 26487), (14, 26475), (15, 26433),

Gene: Pitbull_37 Start: 25814, Stop: 25494, Start Num: 6
Candidate Starts for Pitbull_37:
(3, 25886), (Start: 4 @25865 has 2 MA's), (5, 25835), (Start: 6 @25814 has 1 MA's), (Start: 7 @25796 has 1 MA's), (8, 25784), (9, 25778), (10, 25733), (11, 25730), (12, 25670), (13, 25568), (14, 25556), (15, 25514),

Gene: Skitty_35 Start: 25342, Stop: 25040, Start Num: 7
Candidate Starts for Skitty_35:
(1, 25510), (2, 25474), (3, 25432), (Start: 4 @25411 has 2 MA's), (5, 25381), (Start: 6 @25360 has 1 MA's), (Start: 7 @25342 has 1 MA's), (8, 25330), (9, 25324), (10, 25279), (11, 25276), (12, 25216), (13, 25114), (14, 25102), (15, 25060),