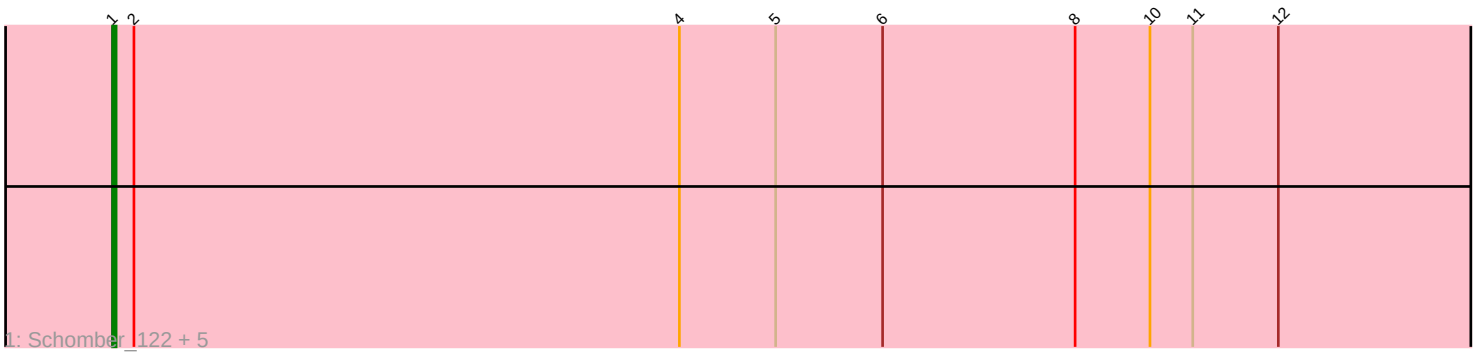
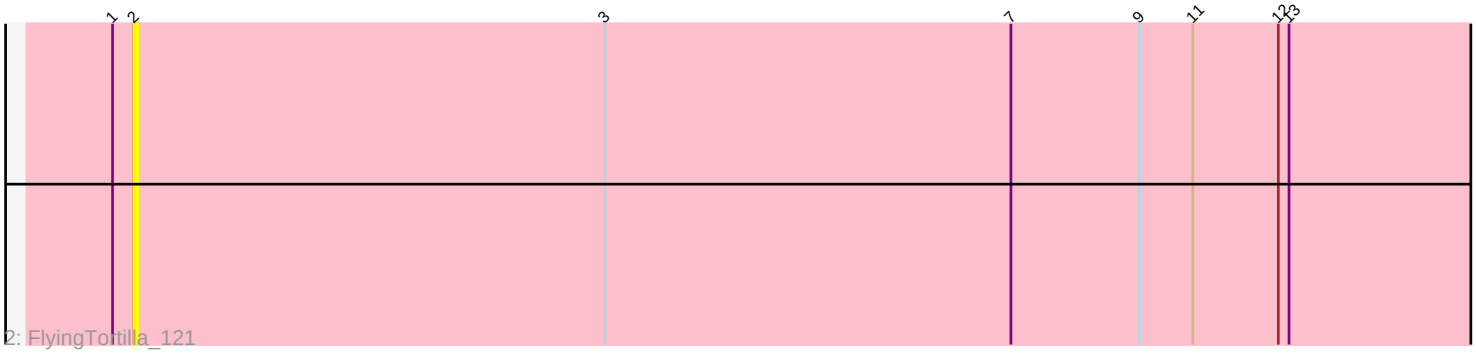
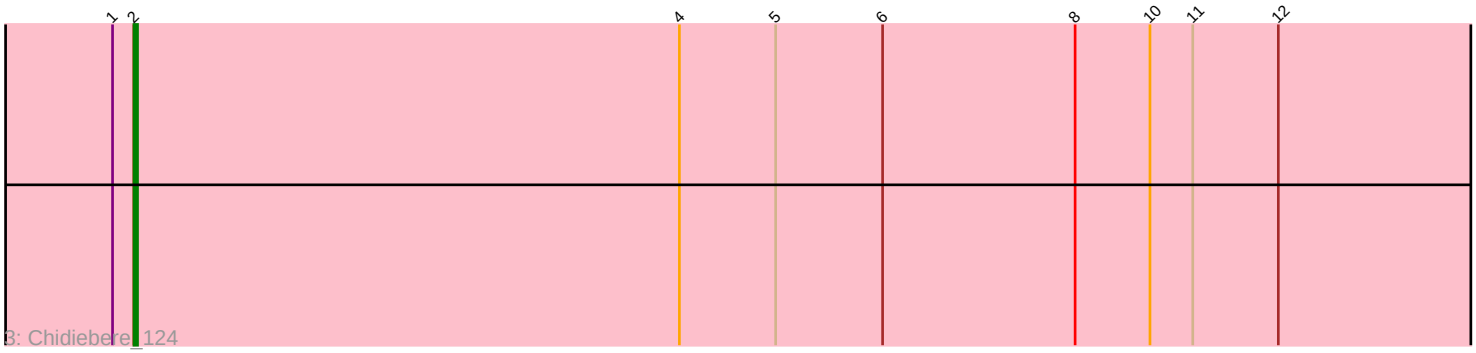
Pham 10889


1
2
4
5
6
8
10
11
12
1: Schomber_122 + 5


1
2
3
7
9
11
12
13
2: FlyingTortilla_121


1
2
4
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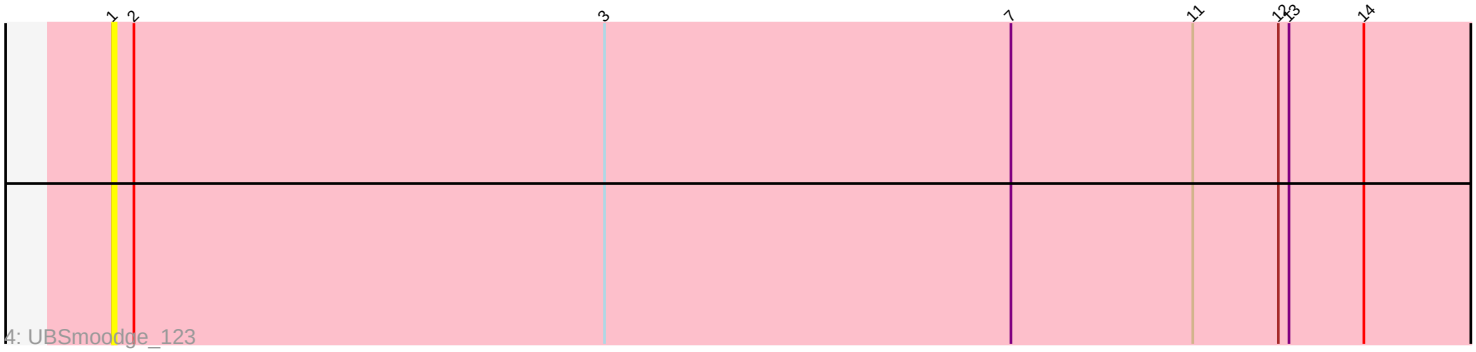
12
3: Chidiebere_124


1
2
3
7
11
12
13
14
4: UBSmoodge_123

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 10889 Report

This analysis was run 04/05/24 on database version 557.

Pham number 10889 has 9 members, 3 are drafts.

Phages represented in each track:
• Track 1 : Schomber_122, Gray_120, Oogie_119, Kabocha_125, ChisanaKitsune_122, Hanem_122
• Track 2 : FlyingTortilla_121
• Track 3 : Chidiebere_124
• Track 4 : UBSmoodge_123

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 6 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• ChisanaKitsune_122, Gray_120, Hanem_122, Kabocha_125, Oogie_119, Schomber_122, UBSmoodge_123,

Genes that have the "Most Annotated" start but do not call it:
• Chidiebere_124, FlyingTortilla_121,

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

Summary by start number:

Start 1:
• Found in 9 of 9 (100.0%) of genes in pham
• Manual Annotations of this start: 5 of 6
• Called 77.8% of time when present
• Phage (with cluster) where this start called: ChisanaKitsune_122 (DQ), Gray_120 (DQ), Hanem_122 (DQ), Kabocha_125 (DQ), Oogie_119 (DQ), Schomber_122 (DQ), UBSmoodge_123 (DQ),

Start 2:
• Found in 9 of 9 (100.0%) of genes in pham
• Manual Annotations of this start: 1 of 6

• Called 22.2% of time when present
• Phage (with cluster) where this start called: Chidiebere_124 (DQ), FlyingTortilla_121 (DQ),

Summary by clusters:

There is one cluster represented in this pham: DQ

Info for manual annotations of cluster DQ:
•Start number 1 was manually annotated 5 times for cluster DQ.
•Start number 2 was manually annotated 1 time for cluster DQ.

Gene Information:

Gene: Chidiebere_124 Start: 88358, Stop: 88810, Start Num: 2
Candidate Starts for Chidiebere_124:
(Start: 1 @88352 has 5 MA's), (Start: 2 @88358 has 1 MA's), (4, 88511), (5, 88538), (6, 88568), (8, 88622), (10, 88643), (11, 88655), (12, 88679),

Gene: ChisanaKitsune_122 Start: 86595, Stop: 87053, Start Num: 1
Candidate Starts for ChisanaKitsune_122:
(Start: 1 @86595 has 5 MA's), (Start: 2 @86601 has 1 MA's), (4, 86754), (5, 86781), (6, 86811), (8, 86865), (10, 86886), (11, 86898), (12, 86922),

Gene: FlyingTortilla_121 Start: 90338, Stop: 90814, Start Num: 2
Candidate Starts for FlyingTortilla_121:
(Start: 1 @90332 has 5 MA's), (Start: 2 @90338 has 1 MA's), (3, 90470), (7, 90584), (9, 90620), (11, 90635), (12, 90659), (13, 90662),

Gene: Gray_120 Start: 86908, Stop: 87366, Start Num: 1
Candidate Starts for Gray_120:
(Start: 1 @86908 has 5 MA's), (Start: 2 @86914 has 1 MA's), (4, 87067), (5, 87094), (6, 87124), (8, 87178), (10, 87199), (11, 87211), (12, 87235),

Gene: Hanem_122 Start: 86449, Stop: 86907, Start Num: 1
Candidate Starts for Hanem_122:
(Start: 1 @86449 has 5 MA's), (Start: 2 @86455 has 1 MA's), (4, 86608), (5, 86635), (6, 86665), (8, 86719), (10, 86740), (11, 86752), (12, 86776),

Gene: Kabocha_125 Start: 89165, Stop: 89623, Start Num: 1
Candidate Starts for Kabocha_125:
(Start: 1 @89165 has 5 MA's), (Start: 2 @89171 has 1 MA's), (4, 89324), (5, 89351), (6, 89381), (8, 89435), (10, 89456), (11, 89468), (12, 89492),

Gene: Oogie_119 Start: 88873, Stop: 89331, Start Num: 1
Candidate Starts for Oogie_119:
(Start: 1 @88873 has 5 MA's), (Start: 2 @88879 has 1 MA's), (4, 89032), (5, 89059), (6, 89089), (8, 89143), (10, 89164), (11, 89176), (12, 89200),

Gene: Schomber_122 Start: 87553, Stop: 88011, Start Num: 1
Candidate Starts for Schomber_122:

(Start: 1 @87553 has 5 MA's), (Start: 2 @87559 has 1 MA's), (4, 87712), (5, 87739), (6, 87769), (8, 87823), (10, 87844), (11, 87856), (12, 87880),

Gene: UBSmoodge_123 Start: 90147, Stop: 90629, Start Num: 1
Candidate Starts for UBSmoodge_123:
(Start: 1 @90147 has 5 MA's), (Start: 2 @90153 has 1 MA's), (3, 90285), (7, 90399), (11, 90450), (12, 90474), (13, 90477), (14, 90498),