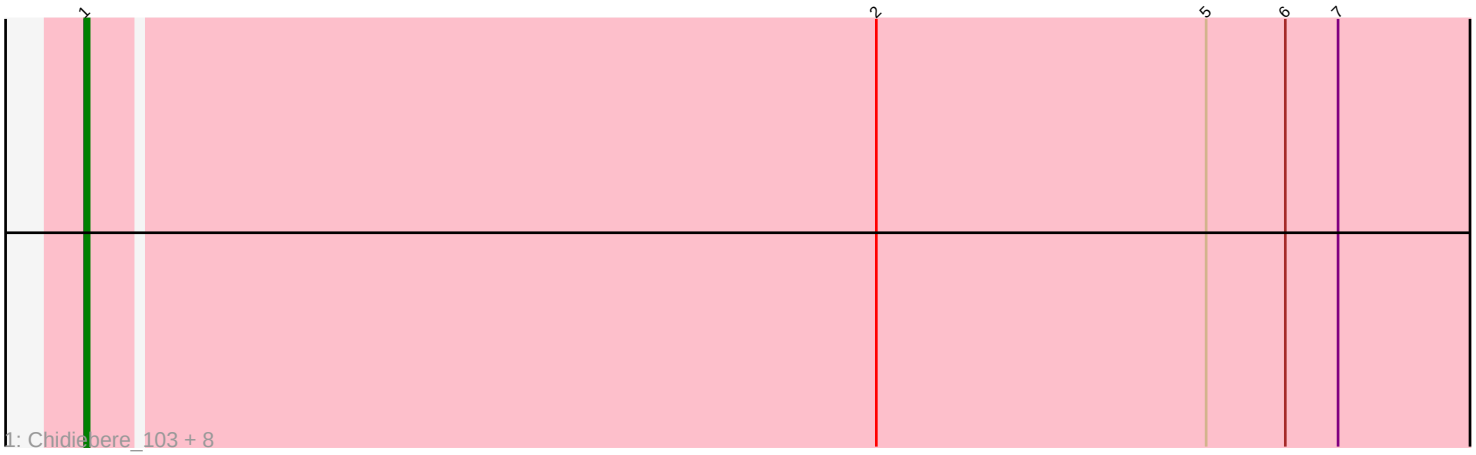
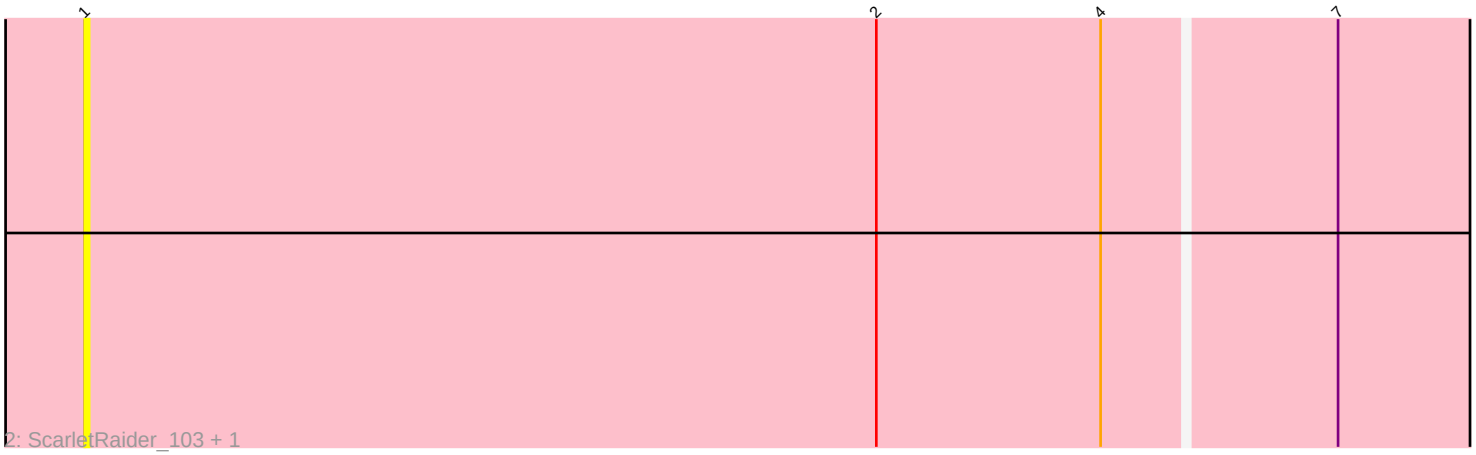
Pham 87606


1
2
5
6
7
1: Chidiebere_103 + 8


1
2
4
7
2: ScarletRaider_103 + 1


1
2
3
4
7
3: FlyingTortilla_102

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 87606 Report

This analysis was run 04/28/24 on database version 559.

Pham number 87606 has 12 members, 6 are drafts.

Phages represented in each track:
• Track 1 : Chidiebere_103, ChisanaKitsune_101, Gray_102, Aloki_96, Pakusa_97, Oogie_100, Kabocha_104, Hanem_102, Schomber_101
• Track 2 : ScarletRaider_103, UBSmoodge_104
• Track 3 : FlyingTortilla_102

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 6 of the 6 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Aloki_96, Chidiebere_103, ChisanaKitsune_101, FlyingTortilla_102, Gray_102, Hanem_102, Kabocha_104, Oogie_100, Pakusa_97, ScarletRaider_103, Schomber_101, UBSmoodge_104,

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 1:
• Found in 12 of 12 (100.0%) of genes in pham
• Manual Annotations of this start: 6 of 6
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Aloki_96 (DQ), Chidiebere_103 (DQ), ChisanaKitsune_101 (DQ), FlyingTortilla_102 (DQ), Gray_102 (DQ), Hanem_102 (DQ), Kabocha_104 (DQ), Oogie_100 (DQ), Pakusa_97 (DQ), ScarletRaider_103 (DQ), Schomber_101 (DQ), UBSmoodge_104 (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 6 times for cluster DQ.

Gene Information:

Gene: Aloki_96 Start: 73910, Stop: 74317, Start Num: 1
Candidate Starts for Aloki_96:
(Start: 1 @73910 has 6 MA's), (2, 74087), (5, 74162), (6, 74180), (7, 74192),

Gene: Chidiebere_103 Start: 74560, Stop: 74967, Start Num: 1
Candidate Starts for Chidiebere_103:
(Start: 1 @74560 has 6 MA's), (2, 74737), (5, 74812), (6, 74830), (7, 74842),

Gene: ChisanaKitsune_101 Start: 73908, Stop: 74315, Start Num: 1
Candidate Starts for ChisanaKitsune_101:
(Start: 1 @73908 has 6 MA's), (2, 74085), (5, 74160), (6, 74178), (7, 74190),

Gene: FlyingTortilla_102 Start: 77822, Stop: 78235, Start Num: 1
Candidate Starts for FlyingTortilla_102:
(Start: 1 @77822 has 6 MA's), (2, 78002), (3, 78020), (4, 78053), (7, 78104),

Gene: Gray_102 Start: 74171, Stop: 74578, Start Num: 1
Candidate Starts for Gray_102:
(Start: 1 @74171 has 6 MA's), (2, 74348), (5, 74423), (6, 74441), (7, 74453),

Gene: Hanem_102 Start: 73910, Stop: 74317, Start Num: 1
Candidate Starts for Hanem_102:
(Start: 1 @73910 has 6 MA's), (2, 74087), (5, 74162), (6, 74180), (7, 74192),

Gene: Kabocha_104 Start: 75373, Stop: 75780, Start Num: 1
Candidate Starts for Kabocha_104:
(Start: 1 @75373 has 6 MA's), (2, 75550), (5, 75625), (6, 75643), (7, 75655),

Gene: Oogie_100 Start: 75848, Stop: 76255, Start Num: 1
Candidate Starts for Oogie_100:
(Start: 1 @75848 has 6 MA's), (2, 76025), (5, 76100), (6, 76118), (7, 76130),

Gene: Pakusa_97 Start: 73636, Stop: 74043, Start Num: 1
Candidate Starts for Pakusa_97:
(Start: 1 @73636 has 6 MA's), (2, 73813), (5, 73888), (6, 73906), (7, 73918),

Gene: ScarletRaider_103 Start: 77164, Stop: 77577, Start Num: 1
Candidate Starts for ScarletRaider_103:
(Start: 1 @77164 has 6 MA's), (2, 77344), (4, 77395), (7, 77446),

Gene: Schomber_101 Start: 73761, Stop: 74168, Start Num: 1
Candidate Starts for Schomber_101:
(Start: 1 @73761 has 6 MA's), (2, 73938), (5, 74013), (6, 74031), (7, 74043),

Gene: UBSmoodge_104 Start: 77609, Stop: 78022, Start Num: 1
Candidate Starts for UBSmoodge_104:
(Start: 1 @77609 has 6 MA's), (2, 77789), (4, 77840), (7, 77891),