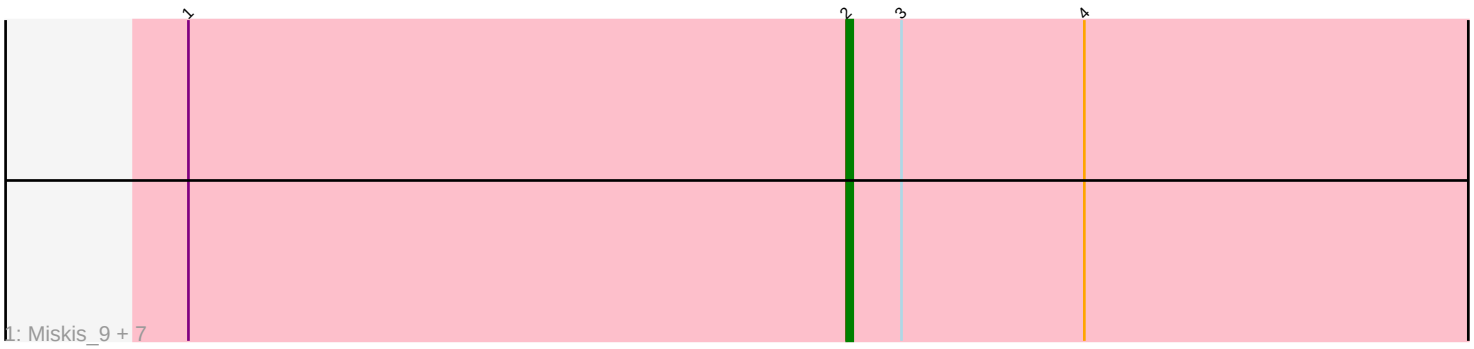
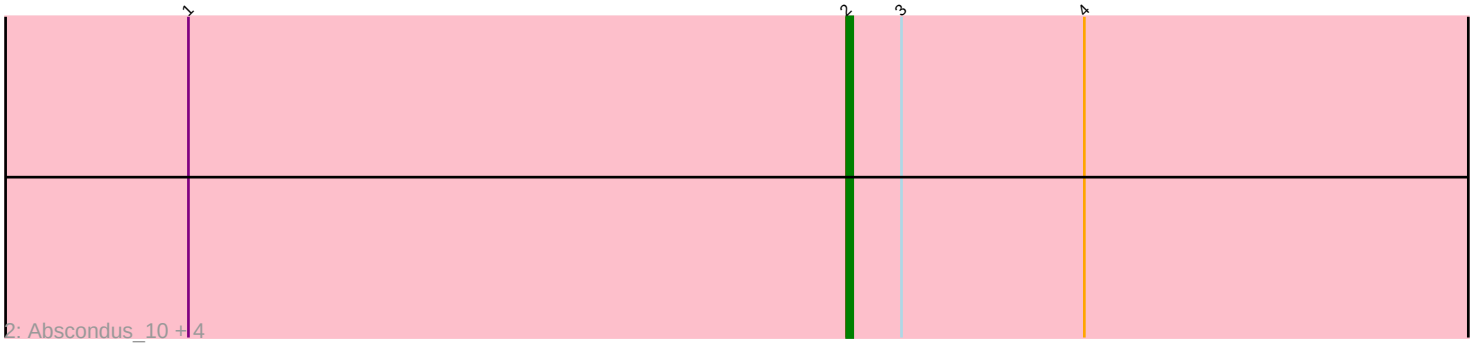
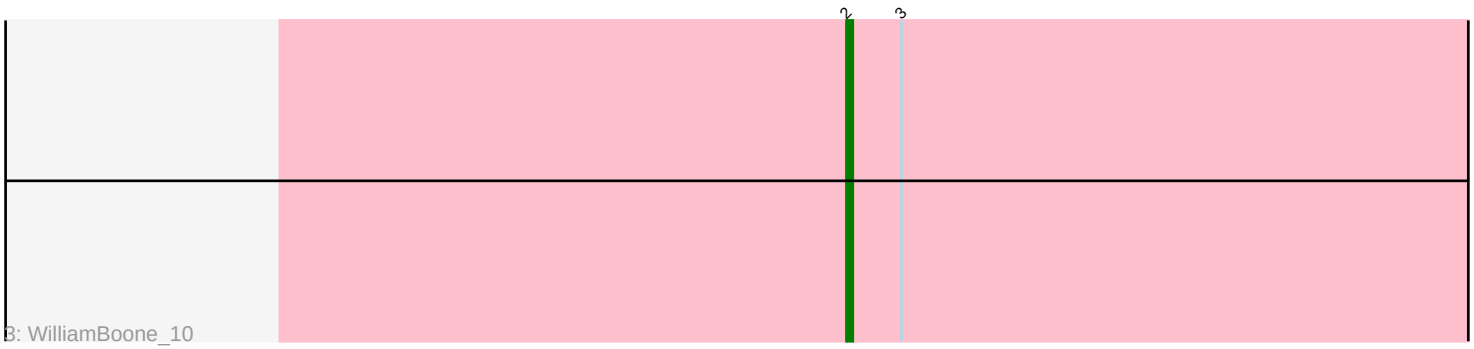
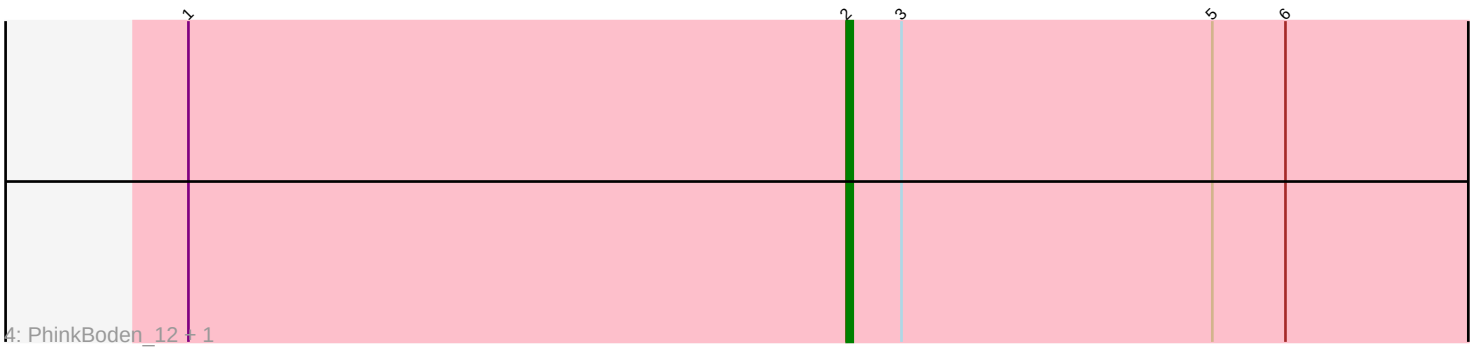
Pham 348117


1
2
3
4
1: Miskis_9 + 7


1
2
3
4
2: Abscondus_10 + 4


2
3
3: WilliamBoone_10


1
2
3
5
6
4: PhinkBoden_12 + 1

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 348117 Report

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

Pham number 348117 has 16 members, 1 are drafts.

Phages represented in each track:
• Track 1 : Miskis_9, Lozinak_11, Cucurbita_10, Smoothie_11, Aphelion_11, Toniann_11, Engineer_11, Norvs_11
• Track 2 : Abscondus_10, Dusty_10, ClubL_11, Culver_10, Bachita_12
• Track 3 : WilliamBoone_10
• Track 4 : PhinkBoden_12, Geeche_10

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

The start number called the most often in the published annotations is 2, it was called in 15 of the 15 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Abscondus_10, Aphelion_11, Bachita_12, ClubL_11, Cucurbita_10, Culver_10, Dusty_10, Engineer_11, Geeche_10, Lozinak_11, Miskis_9, Norvs_11, PhinkBoden_12, Smoothie_11, Toniann_11, WilliamBoone_10,

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 2:
• Found in 16 of 16 (100.0%) of genes in pham
• Manual Annotations of this start: 15 of 15
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Abscondus_10 (CQ1), Aphelion_11 (CQ1), Bachita_12 (CQ1), ClubL_11 (CQ1), Cucurbita_10 (CQ1), Culver_10 (CQ1), Dusty_10 (CQ1), Engineer_11 (CQ1), Geeche_10 (CQ1), Lozinak_11 (CQ1), Miskis_9 (CQ1), Norvs_11 (CQ1), PhinkBoden_12 (CQ1), Smoothie_11 (CQ1), Toniann_11 (CQ1), WilliamBoone_10 (CQ1),

Summary by clusters:

There is one cluster represented in this pham: CQ1

Info for manual annotations of cluster CQ1:
•Start number 2 was manually annotated 15 times for cluster CQ1.

Gene Information:

Gene: Abscondus_10 Start: 2534, Stop: 2701, Start Num: 2
Candidate Starts for Abscondus_10:
(1, 2426), (Start: 2 @2534 has 15 MA's), (3, 2543), (4, 2573),

Gene: Aphelion_11 Start: 2710, Stop: 2877, Start Num: 2
Candidate Starts for Aphelion_11:
(1, 2602), (Start: 2 @2710 has 15 MA's), (3, 2719), (4, 2749),

Gene: Bachita_12 Start: 3210, Stop: 3377, Start Num: 2
Candidate Starts for Bachita_12:
(1, 3102), (Start: 2 @3210 has 15 MA's), (3, 3219), (4, 3249),

Gene: ClubL_11 Start: 2710, Stop: 2877, Start Num: 2
Candidate Starts for ClubL_11:
(1, 2602), (Start: 2 @2710 has 15 MA's), (3, 2719), (4, 2749),

Gene: Cucurbita_10 Start: 2710, Stop: 2877, Start Num: 2
Candidate Starts for Cucurbita_10:
(1, 2602), (Start: 2 @2710 has 15 MA's), (3, 2719), (4, 2749),

Gene: Culver_10 Start: 2534, Stop: 2701, Start Num: 2
Candidate Starts for Culver_10:
(1, 2426), (Start: 2 @2534 has 15 MA's), (3, 2543), (4, 2573),

Gene: Dusty_10 Start: 2534, Stop: 2701, Start Num: 2
Candidate Starts for Dusty_10:
(1, 2426), (Start: 2 @2534 has 15 MA's), (3, 2543), (4, 2573),

Gene: Engineer_11 Start: 2710, Stop: 2877, Start Num: 2
Candidate Starts for Engineer_11:
(1, 2602), (Start: 2 @2710 has 15 MA's), (3, 2719), (4, 2749),

Gene: Geeche_10 Start: 2529, Stop: 2690, Start Num: 2
Candidate Starts for Geeche_10:
(1, 2421), (Start: 2 @2529 has 15 MA's), (3, 2538), (5, 2589), (6, 2601),

Gene: Lozinak_11 Start: 2710, Stop: 2877, Start Num: 2
Candidate Starts for Lozinak_11:
(1, 2602), (Start: 2 @2710 has 15 MA's), (3, 2719), (4, 2749),

Gene: Miskis_9 Start: 2710, Stop: 2877, Start Num: 2
Candidate Starts for Miskis_9:

(1, 2602), (Start: 2 @2710 has 15 MA's), (3, 2719), (4, 2749),

Gene: Norvs_11 Start: 2710, Stop: 2877, Start Num: 2
Candidate Starts for Norvs_11:
(1, 2602), (Start: 2 @2710 has 15 MA's), (3, 2719), (4, 2749),

Gene: PhinkBoden_12 Start: 3210, Stop: 3371, Start Num: 2
Candidate Starts for PhinkBoden_12:
(1, 3102), (Start: 2 @3210 has 15 MA's), (3, 3219), (5, 3270), (6, 3282),

Gene: Smoothie_11 Start: 2710, Stop: 2877, Start Num: 2
Candidate Starts for Smoothie_11:
(1, 2602), (Start: 2 @2710 has 15 MA's), (3, 2719), (4, 2749),

Gene: Toniann_11 Start: 2710, Stop: 2877, Start Num: 2
Candidate Starts for Toniann_11:
(1, 2602), (Start: 2 @2710 has 15 MA's), (3, 2719), (4, 2749),

Gene: WilliamBoone_10 Start: 2565, Stop: 2732, Start Num: 2
Candidate Starts for WilliamBoone_10:
(Start: 2 @2565 has 15 MA's), (3, 2574),