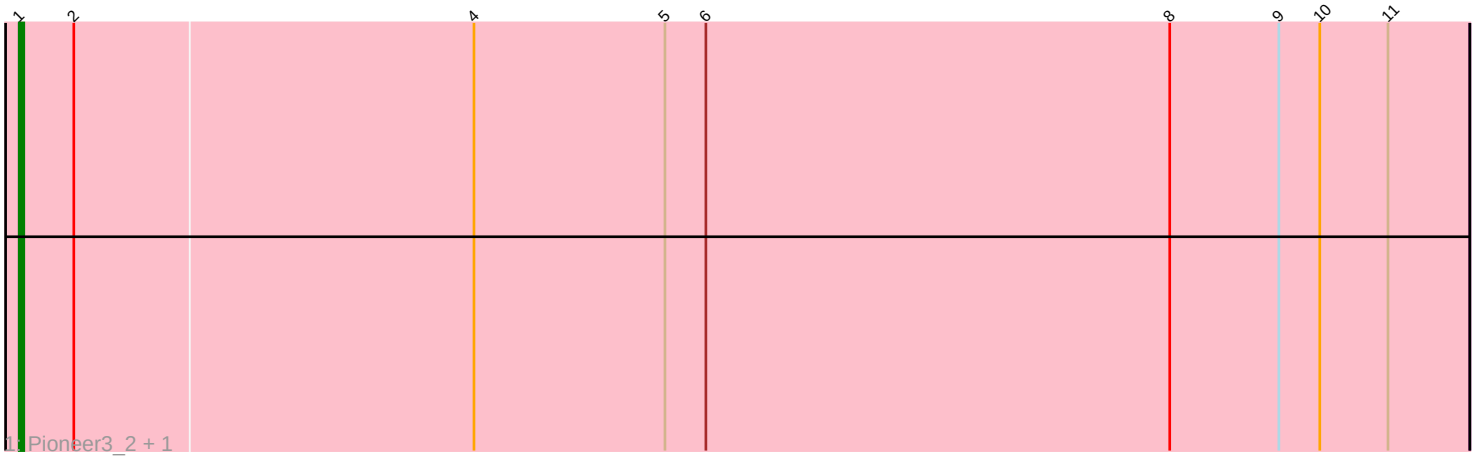
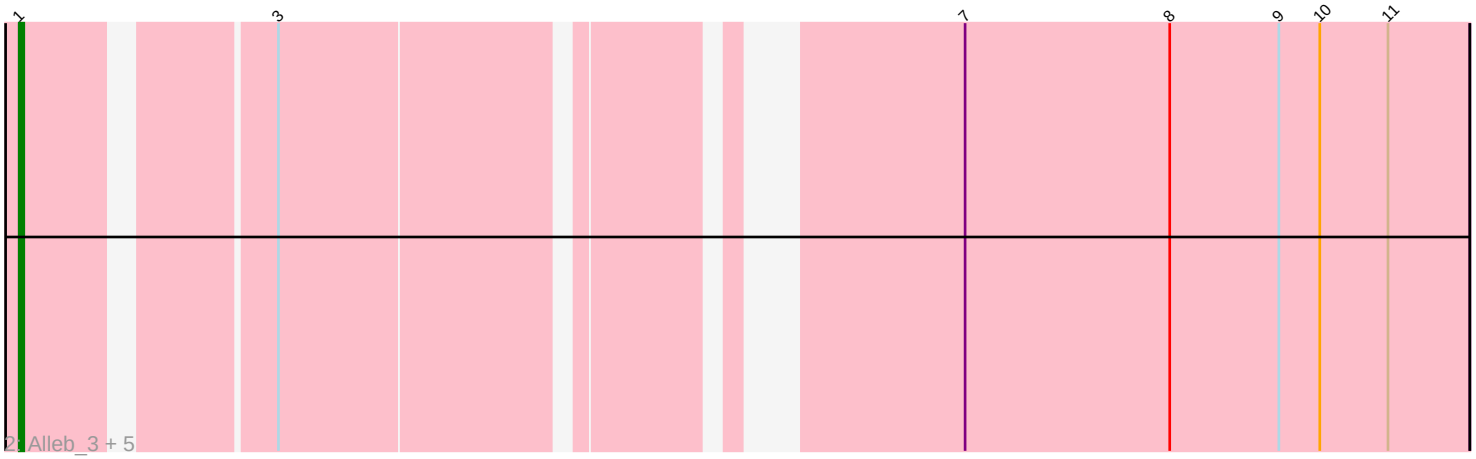
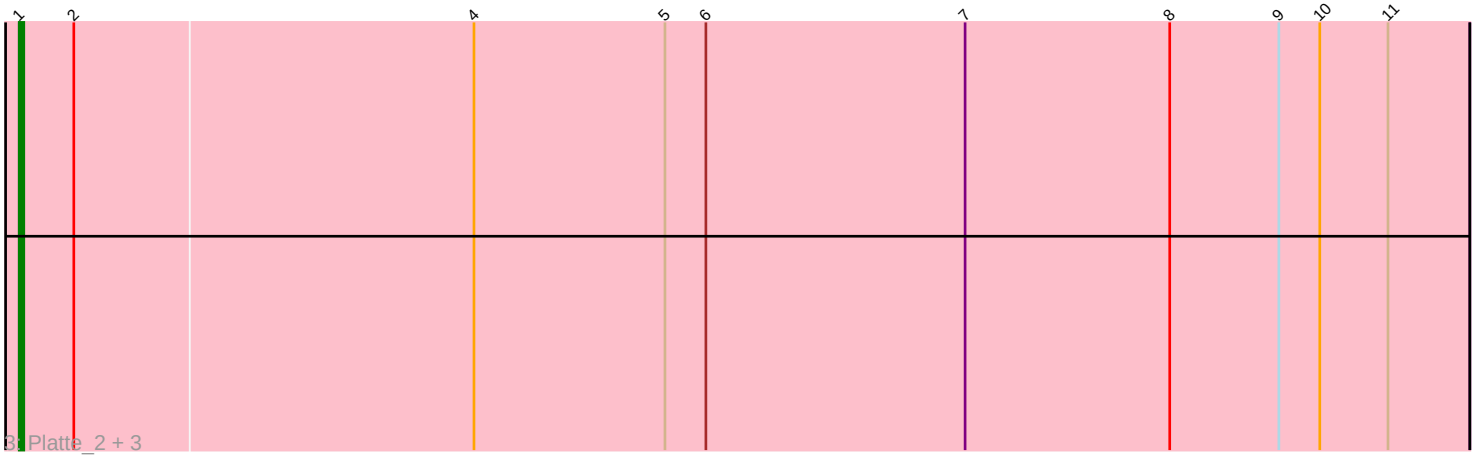
Pham 87211


1
2
4
5
6
8
9
10
11
1: Pioneer3_2 + 1


1
3
7
8
9
10
11
2: Alleb_3 + 5


1
2
4
5
6
7
8
9
10
11
3: Platte_2 + 3

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 87211 Report

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

Pham number 87211 has 12 members, 0 are drafts.

Phages represented in each track:
• Track 1 : Pioneer3_2, Pioneer3_113
• Track 2 : Alleb_3, Hortus1_113, Hortus1_2, OlinDD_113, Alleb_111, OlinDD_2
• Track 3 : Platte_2, Tandem_2, Platte_112, Tandem_113

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 12 of the 12 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Alleb_111, Alleb_3, Hortus1_113, Hortus1_2, OlinDD_113, OlinDD_2, Pioneer3_113, Pioneer3_2, Platte_112, Platte_2, Tandem_113, Tandem_2,

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: 12 of 12
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Alleb_111 (ED1), Alleb_3 (ED1), Hortus1_113 (ED1), Hortus1_2 (ED1), OlinDD_113 (ED1), OlinDD_2 (ED1), Pioneer3_113 (ED1), Pioneer3_2 (ED1), Platte_112 (ED1), Platte_2 (ED1), Tandem_113 (ED1), Tandem_2 (ED1),

Summary by clusters:

There is one cluster represented in this pham: ED1

Info for manual annotations of cluster ED1:
•Start number 1 was manually annotated 12 times for cluster ED1.

Gene Information:

Gene: Alleb_3 Start: 994, Stop: 710, Start Num: 1
Candidate Starts for Alleb_3:
(Start: 1 @994 has 12 MA's), (3, 946), (7, 820), (8, 775), (9, 751), (10, 742), (11, 727),

Gene: Alleb_111 Start: 60473, Stop: 60189, Start Num: 1
Candidate Starts for Alleb_111:
(Start: 1 @60473 has 12 MA's), (3, 60425), (7, 60299), (8, 60254), (9, 60230), (10, 60221), (11, 60206),

Gene: Hortus1_113 Start: 60827, Stop: 60543, Start Num: 1
Candidate Starts for Hortus1_113:
(Start: 1 @60827 has 12 MA's), (3, 60779), (7, 60653), (8, 60608), (9, 60584), (10, 60575), (11, 60560),

Gene: Hortus1_2 Start: 867, Stop: 583, Start Num: 1
Candidate Starts for Hortus1_2:
(Start: 1 @867 has 12 MA's), (3, 819), (7, 693), (8, 648), (9, 624), (10, 615), (11, 600),

Gene: OlinDD_113 Start: 60832, Stop: 60548, Start Num: 1
Candidate Starts for OlinDD_113:
(Start: 1 @60832 has 12 MA's), (3, 60784), (7, 60658), (8, 60613), (9, 60589), (10, 60580), (11, 60565),

Gene: OlinDD_2 Start: 867, Stop: 583, Start Num: 1
Candidate Starts for OlinDD_2:
(Start: 1 @867 has 12 MA's), (3, 819), (7, 693), (8, 648), (9, 624), (10, 615), (11, 600),

Gene: Pioneer3_2 Start: 900, Stop: 583, Start Num: 1
Candidate Starts for Pioneer3_2:
(Start: 1 @900 has 12 MA's), (2, 888), (4, 801), (5, 759), (6, 750), (8, 648), (9, 624), (10, 615), (11, 600),

Gene: Pioneer3_113 Start: 60663, Stop: 60346, Start Num: 1
Candidate Starts for Pioneer3_113:
(Start: 1 @60663 has 12 MA's), (2, 60651), (4, 60564), (5, 60522), (6, 60513), (8, 60411), (9, 60387), (10, 60378), (11, 60363),

Gene: Platte_2 Start: 900, Stop: 583, Start Num: 1
Candidate Starts for Platte_2:
(Start: 1 @900 has 12 MA's), (2, 888), (4, 801), (5, 759), (6, 750), (7, 693), (8, 648), (9, 624), (10, 615), (11, 600),

Gene: Platte_112 Start: 60448, Stop: 60131, Start Num: 1
Candidate Starts for Platte_112:
(Start: 1 @60448 has 12 MA's), (2, 60436), (4, 60349), (5, 60307), (6, 60298), (7, 60241), (8, 60196), (9, 60172), (10, 60163), (11, 60148),

Gene: Tandem_2 Start: 900, Stop: 583, Start Num: 1
Candidate Starts for Tandem_2:
(Start: 1 @900 has 12 MA's), (2, 888), (4, 801), (5, 759), (6, 750), (7, 693), (8, 648), (9, 624), (10, 615), (11, 600),

Gene: Tandem_113 Start: 60743, Stop: 60426, Start Num: 1
Candidate Starts for Tandem_113:
(Start: 1 @60743 has 12 MA's), (2, 60731), (4, 60644), (5, 60602), (6, 60593), (7, 60536), (8, 60491), (9, 60467), (10, 60458), (11, 60443),