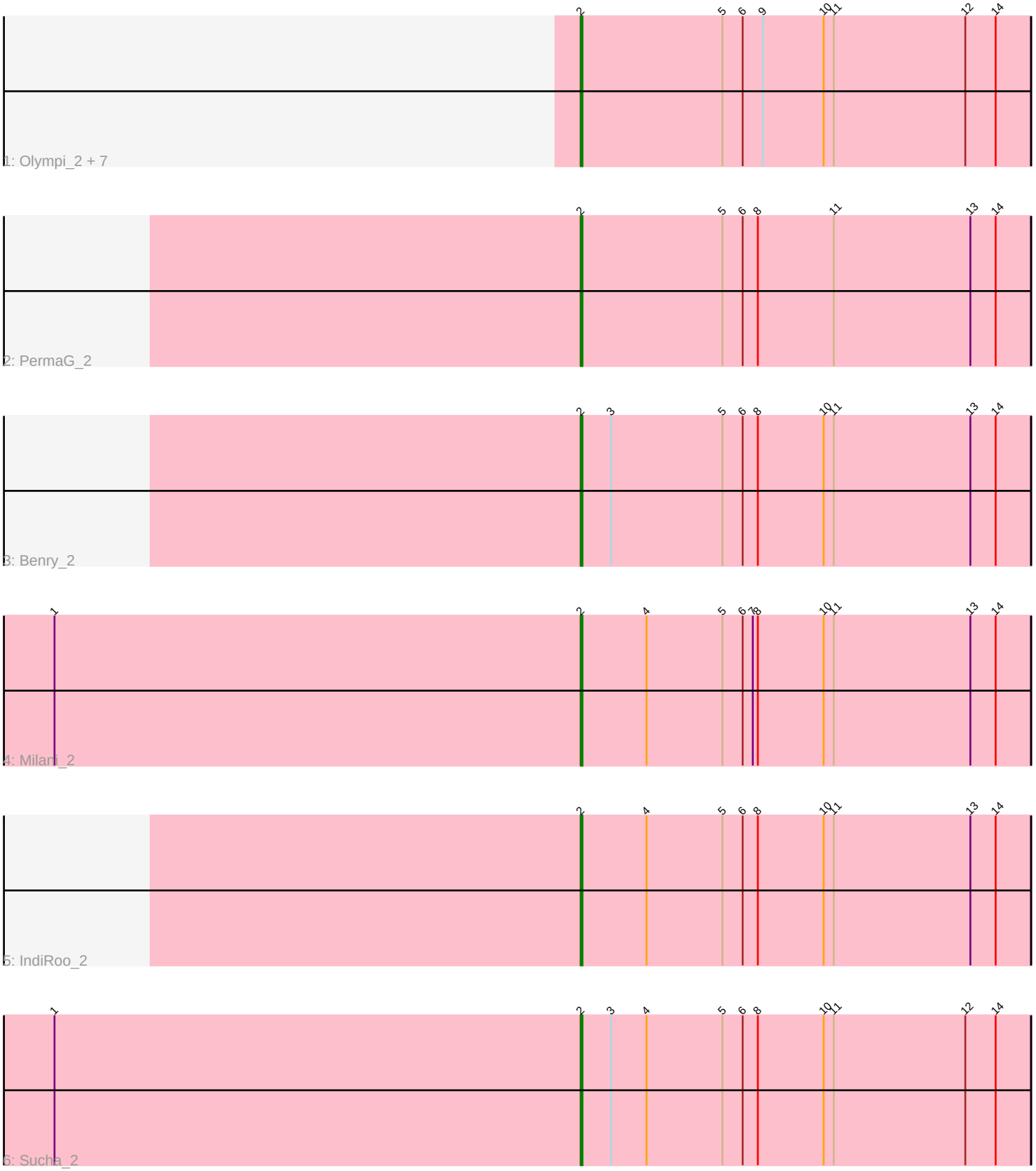
Pham 284335


2
5
6
9
10
11
12
14
1: Olympi_2 + 7
2
5
6
8
11
13
14
2: PermaG_2
2
3
5
6
8
10
11
13
14
3: Benry_2
1
2
4
5
6
8
10
11
13
14
4: Milani_2
2
4
5
6
8
10
11
13
14
5: IndiRoo_2
1
2
3
4
5
6
8
10
11
12
14
6: Sucha_2

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 284335 Report

This analysis was run 02/23/26 on database version 636.

Pham number 284335 has 13 members, 3 are drafts.

Phages represented in each track:
• Track 1 : Olympi_2, SBlackberry_2, Jera_2, Alove_2, Zanella_2, Rootkit7_2, TurboVicky_2, AyoTeo_2
• Track 2 : PermaG_2
• Track 3 : Benry_2
• Track 4 : Milani_2
• Track 5 : IndiRoo_2
• Track 6 : Sucha_2

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 10 of the 10 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Alove_2, AyoTeo_2, Benry_2, IndiRoo_2, Jera_2, Milani_2, Olympi_2, PermaG_2, Rootkit7_2, SBlackberry_2, Sucha_2, TurboVicky_2, Zanella_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 2:
• Found in 13 of 13 (100.0%) of genes in pham
• Manual Annotations of this start: 10 of 10
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Alove_2 (EJ), AyoTeo_2 (EJ), Benry_2 (EJ), IndiRoo_2 (EJ), Jera_2 (EJ), Milani_2 (EJ), Olympi_2 (EJ), PermaG_2 (EJ), Rootkit7_2 (EJ), SBlackberry_2 (EJ), Sucha_2 (EJ), TurboVicky_2 (EJ), Zanella_2 (EJ),

Summary by clusters:

There is one cluster represented in this pham: EJ

Info for manual annotations of cluster EJ:
•Start number 2 was manually annotated 10 times for cluster EJ.

Gene Information:

Gene: Alove_2 Start: 594, Stop: 860, Start Num: 2
Candidate Starts for Alove_2:
(Start: 2 @594 has 10 MA's), (5, 678), (6, 690), (9, 702), (10, 738), (11, 744), (12, 822), (14, 840),

Gene: AyoTeo_2 Start: 594, Stop: 860, Start Num: 2
Candidate Starts for AyoTeo_2:
(Start: 2 @594 has 10 MA's), (5, 678), (6, 690), (9, 702), (10, 738), (11, 744), (12, 822), (14, 840),

Gene: Benry_2 Start: 594, Stop: 860, Start Num: 2
Candidate Starts for Benry_2:
(Start: 2 @594 has 10 MA's), (3, 612), (5, 678), (6, 690), (8, 699), (10, 738), (11, 744), (13, 825), (14, 840),

Gene: IndiRoo_2 Start: 594, Stop: 860, Start Num: 2
Candidate Starts for IndiRoo_2:
(Start: 2 @594 has 10 MA's), (4, 633), (5, 678), (6, 690), (8, 699), (10, 738), (11, 744), (13, 825), (14, 840),

Gene: Jera_2 Start: 594, Stop: 860, Start Num: 2
Candidate Starts for Jera_2:
(Start: 2 @594 has 10 MA's), (5, 678), (6, 690), (9, 702), (10, 738), (11, 744), (12, 822), (14, 840),

Gene: Milani_2 Start: 594, Stop: 860, Start Num: 2
Candidate Starts for Milani_2:
(1, 282), (Start: 2 @594 has 10 MA's), (4, 633), (5, 678), (6, 690), (7, 696), (8, 699), (10, 738), (11, 744), (13, 825), (14, 840),

Gene: Olympi_2 Start: 594, Stop: 860, Start Num: 2
Candidate Starts for Olympi_2:
(Start: 2 @594 has 10 MA's), (5, 678), (6, 690), (9, 702), (10, 738), (11, 744), (12, 822), (14, 840),

Gene: PermaG_2 Start: 600, Stop: 866, Start Num: 2
Candidate Starts for PermaG_2:
(Start: 2 @600 has 10 MA's), (5, 684), (6, 696), (8, 705), (11, 750), (13, 831), (14, 846),

Gene: Rootkit7_2 Start: 594, Stop: 860, Start Num: 2
Candidate Starts for Rootkit7_2:
(Start: 2 @594 has 10 MA's), (5, 678), (6, 690), (9, 702), (10, 738), (11, 744), (12, 822), (14, 840),

Gene: SBlackberry_2 Start: 594, Stop: 860, Start Num: 2
Candidate Starts for SBlackberry_2:
(Start: 2 @594 has 10 MA's), (5, 678), (6, 690), (9, 702), (10, 738), (11, 744), (12, 822), (14, 840),

Gene: Sucha_2 Start: 594, Stop: 860, Start Num: 2
Candidate Starts for Sucha_2:
(1, 282), (Start: 2 @594 has 10 MA's), (3, 612), (4, 633), (5, 678), (6, 690), (8, 699), (10, 738), (11, 744), (12, 822), (14, 840),

Gene: TurboVicky_2 Start: 594, Stop: 860, Start Num: 2
Candidate Starts for TurboVicky_2:
(Start: 2 @594 has 10 MA's), (5, 678), (6, 690), (9, 702), (10, 738), (11, 744), (12, 822), (14, 840),

Gene: Zanella_2 Start: 594, Stop: 860, Start Num: 2
Candidate Starts for Zanella_2:
(Start: 2 @594 has 10 MA's), (5, 678), (6, 690), (9, 702), (10, 738), (11, 744), (12, 822), (14, 840),