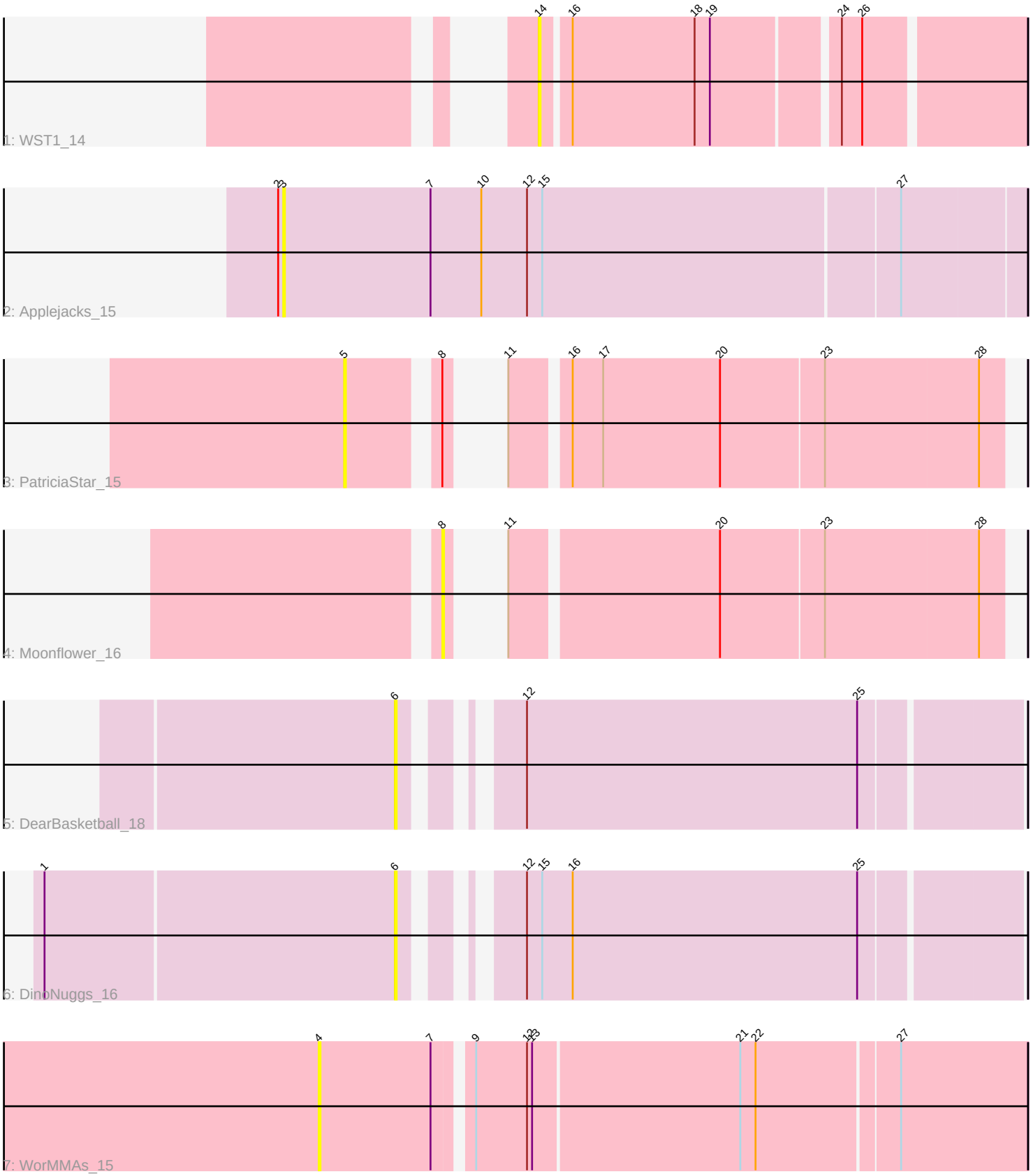
Pham 344723


14
16
18
19
24
26
1: WST1_14
3
7
10
12
15
27
2: Applejacks_15
5
8
11
16
17
20
23
28
3: PatriciaStar_15
8
11
20
23
28
4: Moonflower_16
6
12
25
5: DearBasketball_18
1
6
12
15
16
25
6: DinoNuggs_16
4
7
9
12
13
21
22
27
7: WorMMAs_15

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 344723 Report

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

Pham number 344723 has 7 members, 7 are drafts.

Phages represented in each track:
- Track 1 : WST1_14
- Track 2 : Applejacks_15
- Track 3 : PatriciaStar_15
- Track 4 : Moonflower_16
- Track 5 : DearBasketball_18
- Track 6 : DinoNuggs_16
- Track 7 : WorMMAs_15

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

This pham is comprised of all draft annotations. There are no annotations to summarize.
Summary by start number:

Start 3:
- Found in 1 of 7 (14.3%) of genes in pham
- No Manual Annotations of this start.
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Applejacks_15 (CD),

Start 4:
- Found in 1 of 7 (14.3%) of genes in pham
- No Manual Annotations of this start.
- Called 100.0% of time when present
- Phage (with cluster) where this start called: WorMMAs_15 (UNK),

Start 5:
- Found in 1 of 7 (14.3%) of genes in pham
- No Manual Annotations of this start.
- Called 100.0% of time when present
- Phage (with cluster) where this start called: PatriciaStar_15 (DB),

Start 6:
- Found in 2 of 7 (28.6%) of genes in pham

• No Manual Annotations of this start.
• Called 100.0% of time when present
• Phage (with cluster) where this start called: DearBasketball_18 (DY), DinoNuggs_16 (DY),

Start 8:
• Found in 2 of 7 (28.6%) of genes in pham
• No Manual Annotations of this start.
• Called 50.0% of time when present
• Phage (with cluster) where this start called: Moonflower_16 (DB),

Start 14:
• Found in 1 of 7 (14.3%) of genes in pham
• No Manual Annotations of this start.
• Called 100.0% of time when present
• Phage (with cluster) where this start called: WST1_14 (AJ),

Summary by clusters:

There are 5 clusters represented in this pham: UNK, AJ, DB, CD, DY,

Gene Information:

Gene: Applejacks_15 Start: 9288, Stop: 9719, Start Num: 3
Candidate Starts for Applejacks_15:
(2, 9285), (3, 9288), (7, 9375), (10, 9405), (12, 9432), (15, 9441), (27, 9648),

Gene: DearBasketball_18 Start: 9790, Stop: 10119, Start Num: 6
Candidate Starts for DearBasketball_18:
(6, 9790), (12, 9835), (25, 10030),

Gene: DinoNuggs_16 Start: 9756, Stop: 10085, Start Num: 6
Candidate Starts for DinoNuggs_16:
(1, 9552), (6, 9756), (12, 9801), (15, 9810), (16, 9828), (25, 9996),

Gene: Moonflower_16 Start: 10315, Stop: 10602, Start Num: 8
Candidate Starts for Moonflower_16:
(8, 10315), (11, 10321), (20, 10438), (23, 10498), (28, 10588),

Gene: PatriciaStar_15 Start: 9877, Stop: 10209, Start Num: 5
Candidate Starts for PatriciaStar_15:
(5, 9877), (8, 9922), (11, 9928), (16, 9958), (17, 9976), (20, 10045), (23, 10105), (28, 10195),

Gene: WST1_14 Start: 9870, Stop: 10136, Start Num: 14
Candidate Starts for WST1_14:
(14, 9870), (16, 9885), (18, 9957), (19, 9966), (24, 10035), (26, 10047),

Gene: WorMMAs_15 Start: 9205, Stop: 9606, Start Num: 4
Candidate Starts for WorMMAs_15:
(4, 9205), (7, 9271), (9, 9289), (12, 9319), (13, 9322), (21, 9442), (22, 9451), (27, 9532),