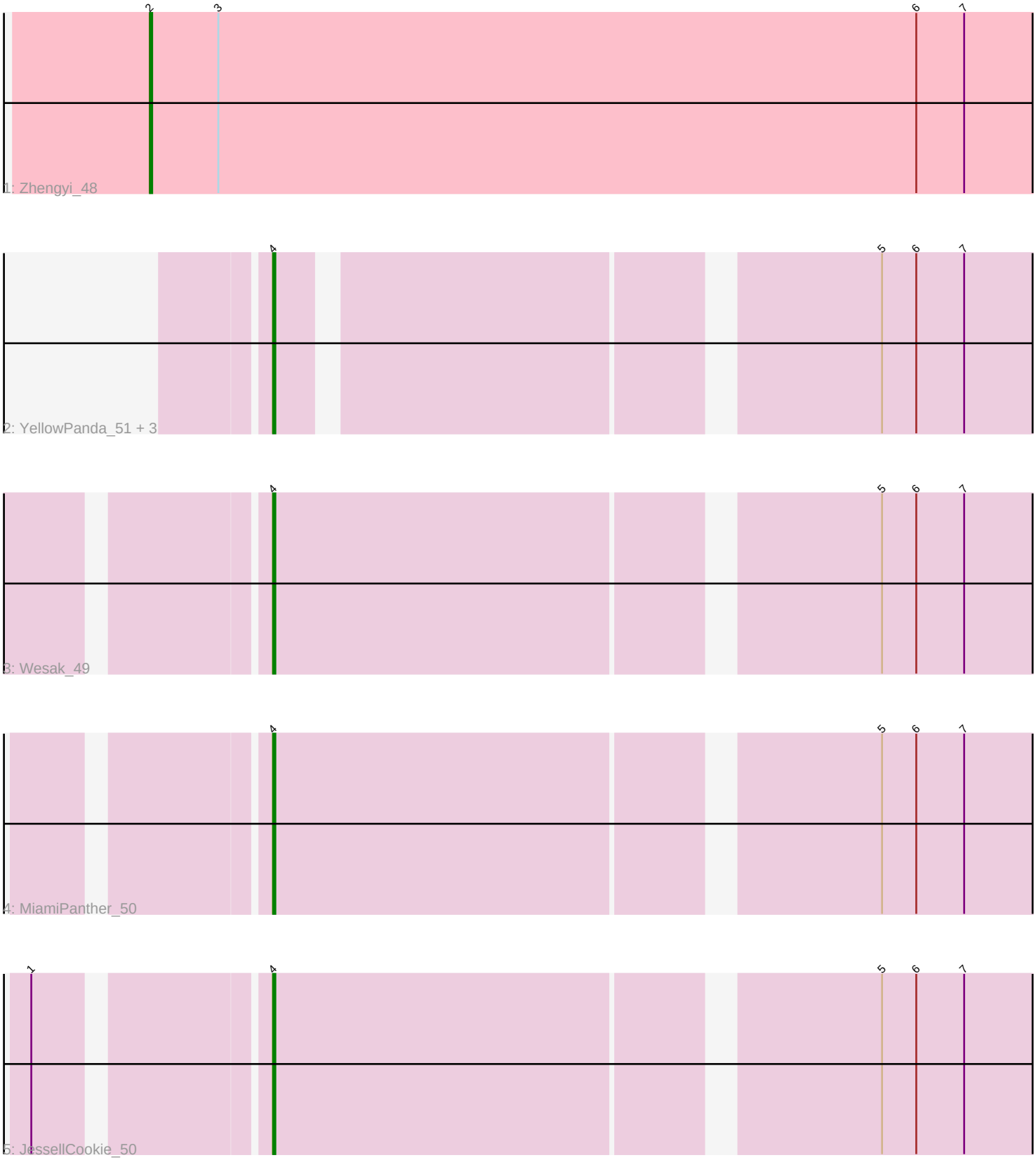
Pham 348319


2
3
6
7
1: Zhengyi_48
4
5
6
7
2: YellowPanda_51 + 3
4
5
6
7
3: Wesak_49
4
5
6
7
4: MiamiPanther_50
1
4
5
6
7
5: JessellCookie_50

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 348319 Report

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

Pham number 348319 has 8 members, 2 are drafts.

Phages represented in each track:
• Track 1 : Zhengyi_48
• Track 2 : YellowPanda_51, Sorvannah_49, Salvatore2000_49, TinyTimothy_48
• Track 3 : Wesak_49
• Track 4 : MiamiPanther_50
• Track 5 : JessellCookie_50

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

The start number called the most often in the published annotations is 4, it was called in 5 of the 6 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• JessellCookie_50, MiamiPanther_50, Salvatore2000_49, Sorvannah_49, TinyTimothy_48, Wesak_49, YellowPanda_51,

Genes that have the "Most Annotated" start but do not call it:
•

Genes that do not have the "Most Annotated" start:
• Zhengyi_48,

Summary by start number:

Start 2:
• Found in 1 of 8 (12.5%) of genes in pham
• Manual Annotations of this start: 1 of 6
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Zhengyi_48 (EK),

Start 4:
• Found in 7 of 8 (87.5%) of genes in pham
• Manual Annotations of this start: 5 of 6
• Called 100.0% of time when present

• Phage (with cluster) where this start called: JessellCookie_50 (EK1), MiamiPanther_50 (EK1), Salvatore2000_49 (EK1), Sorvannah_49 (EK1), TinyTimothy_48 (EK1), Wesak_49 (EK1), YellowPanda_51 (EK1),

Summary by clusters:

There are 2 clusters represented in this pham: EK, EK1,

Info for manual annotations of cluster EK:
•Start number 2 was manually annotated 1 time for cluster EK.

Info for manual annotations of cluster EK1:
•Start number 4 was manually annotated 5 times for cluster EK1.

Gene Information:

Gene: JessellCookie_50 Start: 50926, Stop: 51270, Start Num: 4
Candidate Starts for JessellCookie_50:
(1, 50836), (Start: 4 @50926 has 5 MA's), (5, 51175), (6, 51190), (7, 51211),

Gene: MiamiPanther_50 Start: 50923, Stop: 51267, Start Num: 4
Candidate Starts for MiamiPanther_50:
(Start: 4 @50923 has 5 MA's), (5, 51172), (6, 51187), (7, 51208),

Gene: Salvatore2000_49 Start: 50923, Stop: 51255, Start Num: 4
Candidate Starts for Salvatore2000_49:
(Start: 4 @50923 has 5 MA's), (5, 51160), (6, 51175), (7, 51196),

Gene: Sorvannah_49 Start: 50923, Stop: 51255, Start Num: 4
Candidate Starts for Sorvannah_49:
(Start: 4 @50923 has 5 MA's), (5, 51160), (6, 51175), (7, 51196),

Gene: TinyTimothy_48 Start: 50923, Stop: 51255, Start Num: 4
Candidate Starts for TinyTimothy_48:
(Start: 4 @50923 has 5 MA's), (5, 51160), (6, 51175), (7, 51196),

Gene: Wesak_49 Start: 50768, Stop: 51112, Start Num: 4
Candidate Starts for Wesak_49:
(Start: 4 @50768 has 5 MA's), (5, 51017), (6, 51032), (7, 51053),

Gene: YellowPanda_51 Start: 50649, Stop: 50981, Start Num: 4
Candidate Starts for YellowPanda_51:
(Start: 4 @50649 has 5 MA's), (5, 50886), (6, 50901), (7, 50922),

Gene: Zhengyi_48 Start: 51952, Stop: 52365, Start Num: 2
Candidate Starts for Zhengyi_48:
(Start: 2 @51952 has 1 MA's), (3, 51982), (6, 52288), (7, 52309),