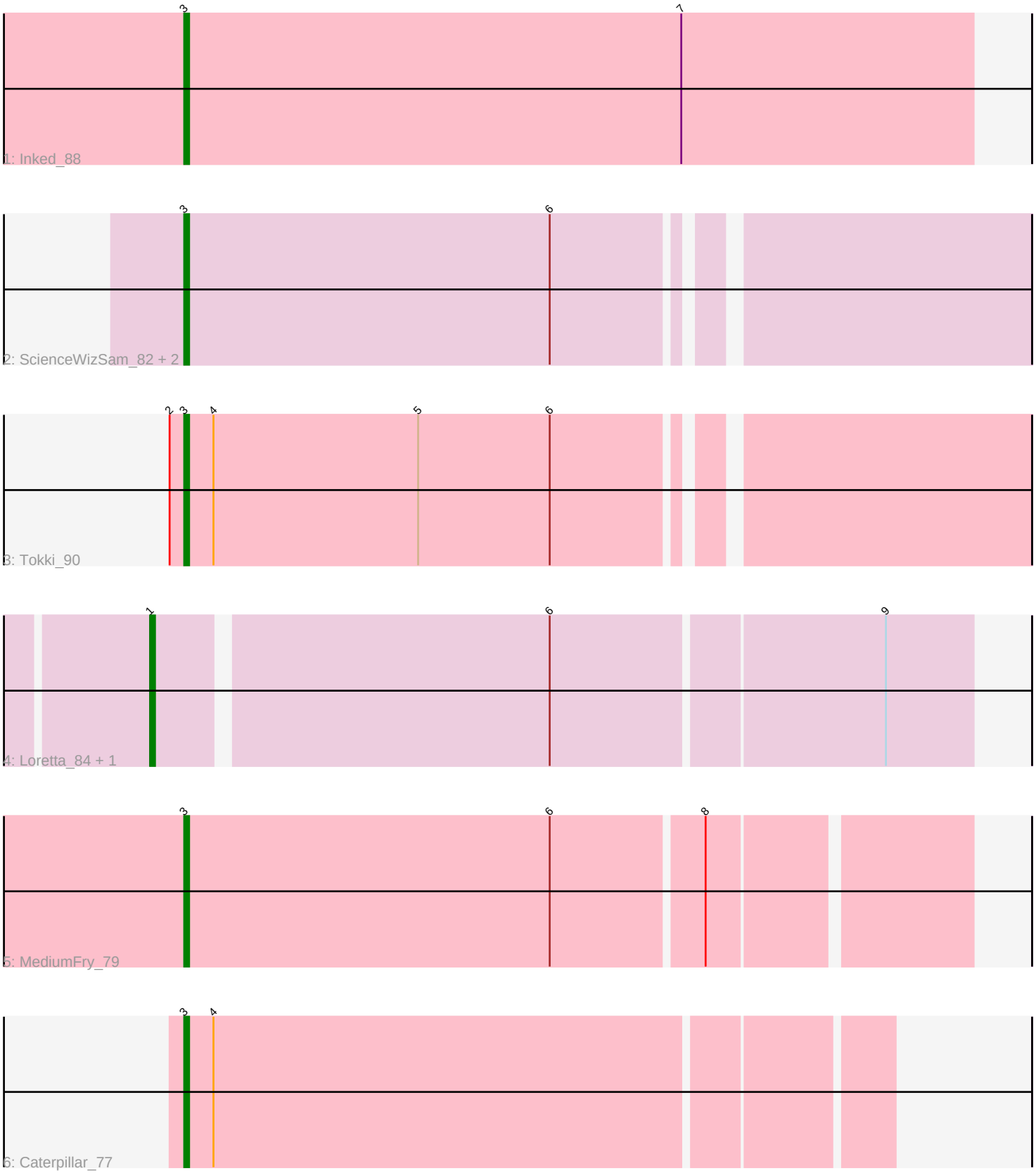
Pham 171985


3
7
1: Inked_88
3
6
2: ScienceWizSam_82 + 2
2
3
4
5
6
3: Tokki_90
1
6
9
4: Loretta_84 + 1
3
6
8
5: MediumFry_79
3
4
6: Caterpillar_77

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 171985 Report

This analysis was run 07/10/24 on database version 566.

Pham number 171985 has 9 members, 0 are drafts.

Phages represented in each track:
• Track 1 : Inked_88
• Track 2 : ScienceWizSam_82, DevitoJr_80, Nightmare_82
• Track 3 : Tokki_90
• Track 4 : Loretta_84, Ingrid_88
• Track 5 : MediumFry_79
• Track 6 : Caterpillar_77

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

The start number called the most often in the published annotations is 3, it was called in 7 of the 9 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Caterpillar_77, DevitoJr_80, Inked_88, MediumFry_79, Nightmare_82, ScienceWizSam_82, Tokki_90,

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

Genes that do not have the "Most Annotated" start:
• Ingrid_88, Loretta_84,

Summary by start number:

Start 1:
• Found in 2 of 9 (22.2%) of genes in pham
• Manual Annotations of this start: 2 of 9
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Ingrid_88 (AU3), Loretta_84 (AU3),

Start 3:
• Found in 7 of 9 (77.8%) of genes in pham
• Manual Annotations of this start: 7 of 9
• Called 100.0% of time when present

• Phage (with cluster) where this start called: Caterpillar_77 (AU4), DevitoJr_80 (AU1), Inked_88 (AU), MediumFry_79 (AU4), Nightmare_82 (AU1), ScienceWizSam_82 (AU1), Tokki_90 (AU2),

Summary by clusters:

There are 5 clusters represented in this pham: AU1, AU3, AU2, AU, AU4,

Info for manual annotations of cluster AU:
•Start number 3 was manually annotated 1 time for cluster AU.

Info for manual annotations of cluster AU1:
•Start number 3 was manually annotated 3 times for cluster AU1.

Info for manual annotations of cluster AU2:
•Start number 3 was manually annotated 1 time for cluster AU2.

Info for manual annotations of cluster AU3:
•Start number 1 was manually annotated 2 times for cluster AU3.

Info for manual annotations of cluster AU4:
•Start number 3 was manually annotated 2 times for cluster AU4.

Gene Information:

Gene: Caterpillar_77 Start: 50645, Stop: 50785, Start Num: 3
Candidate Starts for Caterpillar_77:
(Start: 3 @50645 has 7 MA's), (4, 50651),

Gene: DevitoJr_80 Start: 51367, Stop: 51531, Start Num: 3
Candidate Starts for DevitoJr_80:
(Start: 3 @51367 has 7 MA's), (6, 51442),

Gene: Ingrid_88 Start: 52146, Stop: 52307, Start Num: 1
Candidate Starts for Ingrid_88:
(Start: 1 @52146 has 2 MA's), (6, 52224), (9, 52290),

Gene: Inked_88 Start: 52985, Stop: 53146, Start Num: 3
Candidate Starts for Inked_88:
(Start: 3 @52985 has 7 MA's), (7, 53087),

Gene: Loretta_84 Start: 52146, Stop: 52307, Start Num: 1
Candidate Starts for Loretta_84:
(Start: 1 @52146 has 2 MA's), (6, 52224), (9, 52290),

Gene: MediumFry_79 Start: 51774, Stop: 51929, Start Num: 3
Candidate Starts for MediumFry_79:
(Start: 3 @51774 has 7 MA's), (6, 51849), (8, 51879),

Gene: Nightmare_82 Start: 52321, Stop: 52485, Start Num: 3
Candidate Starts for Nightmare_82:

(Start: 3 @52321 has 7 MA's), (6, 52396),

Gene: ScienceWizSam_82 Start: 51540, Stop: 51704, Start Num: 3
Candidate Starts for ScienceWizSam_82:
(Start: 3 @51540 has 7 MA's), (6, 51615),

Gene: Tokki_90 Start: 51981, Stop: 52145, Start Num: 3
Candidate Starts for Tokki_90:
(2, 51978), (Start: 3 @51981 has 7 MA's), (4, 51987), (5, 52029), (6, 52056),