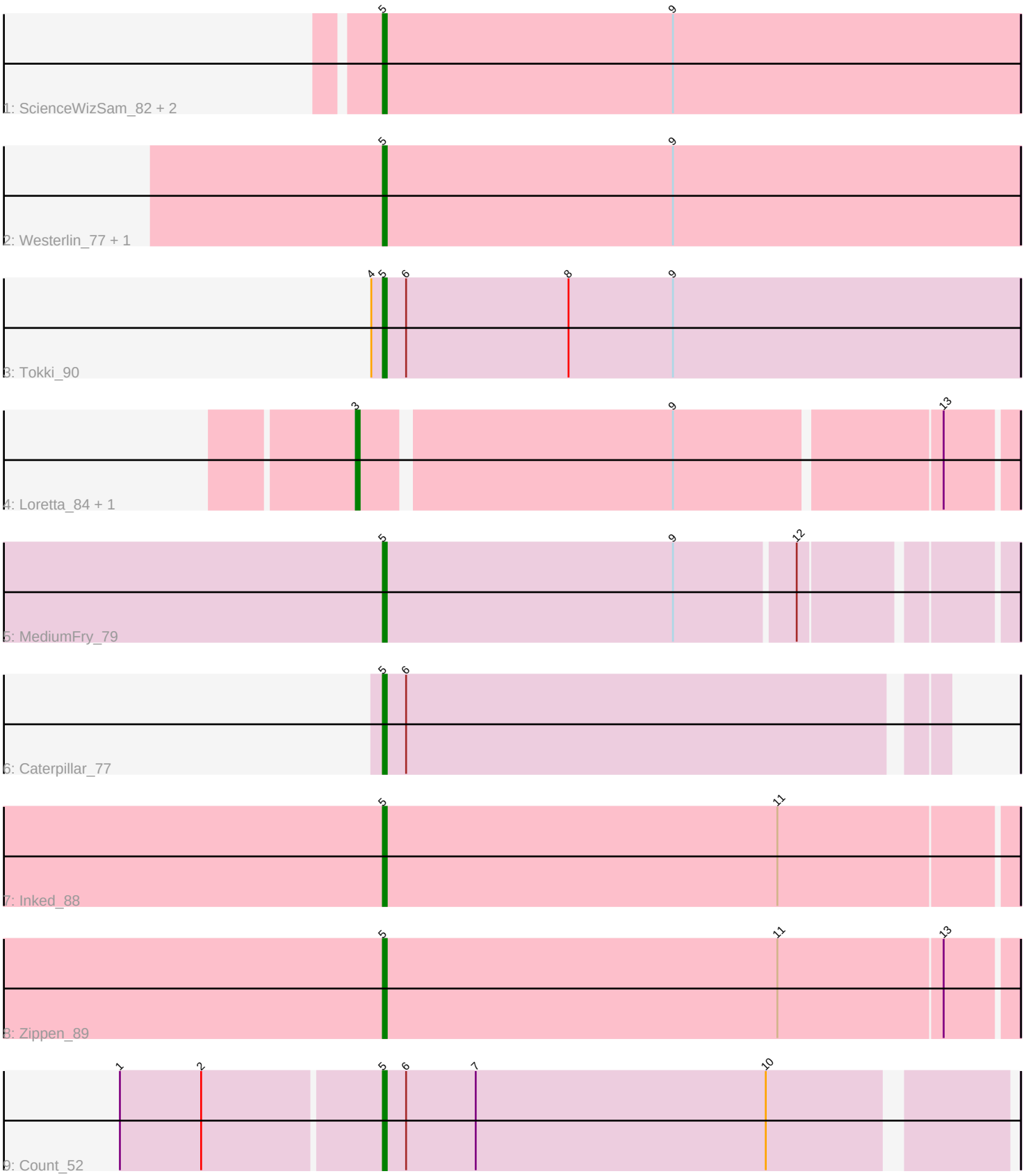
Pham 348182


5
9
1: ScienceWizSam_82 + 2
5
9
2: Westerlin_77 + 1
4
5
6
8
9
3: Tokki_90
3
9
13
4: Loretta_84 + 1
5
9
12
5: MediumFry_79
5
6
6: Caterpillar_77
5
11
7: Inked_88
5
11
13
8: Zippen_89
1
2
5
6
7
10
9: Count_52

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 348182 Report

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

Pham number 348182 has 13 members, 1 are drafts.

Phages represented in each track:
• Track 1 : ScienceWizSam_82, DevitoJr_80, Nightmare_82
• Track 2 : Westerlin_77, LucySwiss_80
• Track 3 : Tokki_90
• Track 4 : Loretta_84, Ingrid_88
• Track 5 : MediumFry_79
• Track 6 : Caterpillar_77
• Track 7 : Inked_88
• Track 8 : Zippen_89
• Track 9 : Count_52

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

The start number called the most often in the published annotations is 5, it was called in 10 of the 12 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Caterpillar_77, Count_52, DevitoJr_80, Inked_88, LucySwiss_80, MediumFry_79, Nightmare_82, ScienceWizSam_82, Tokki_90, Westerlin_77, Zippen_89,

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 3:
• Found in 2 of 13 (15.4%) of genes in pham
• Manual Annotations of this start: 2 of 12
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Ingrid_88 (AU3), Loretta_84 (AU3),

Start 5:

• Found in 11 of 13 (84.6%) of genes in pham
• Manual Annotations of this start: 10 of 12
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Caterpillar_77 (AU4), Count_52 (EL), DevitoJr_80 (AU1), Inked_88 (AU7), LucySwiss_80 (AU1), MediumFry_79 (AU4), Nightmare_82 (AU1), ScienceWizSam_82 (AU1), Tokki_90 (AU2), Westerlin_77 (AU1), Zippen_89 (AU7),

Summary by clusters:

There are 6 clusters represented in this pham: EL, AU1, AU3, AU2, AU4, AU7,

Info for manual annotations of cluster AU1:
•Start number 5 was manually annotated 4 times for cluster AU1.

Info for manual annotations of cluster AU2:
•Start number 5 was manually annotated 1 time for cluster AU2.

Info for manual annotations of cluster AU3:
•Start number 3 was manually annotated 2 times for cluster AU3.

Info for manual annotations of cluster AU4:
•Start number 5 was manually annotated 2 times for cluster AU4.

Info for manual annotations of cluster AU7:
•Start number 5 was manually annotated 2 times for cluster AU7.

Info for manual annotations of cluster EL:
•Start number 5 was manually annotated 1 time for cluster EL.

Gene Information:

Gene: Caterpillar_77 Start: 50645, Stop: 50785, Start Num: 5
Candidate Starts for Caterpillar_77:
(Start: 5 @50645 has 10 MA's), (6, 50651),

Gene: Count_52 Start: 38323, Stop: 38478, Start Num: 5
Candidate Starts for Count_52:
(1, 38257), (2, 38278), (Start: 5 @38323 has 10 MA's), (6, 38329), (7, 38347), (10, 38422),

Gene: DevitoJr_80 Start: 51367, Stop: 51531, Start Num: 5
Candidate Starts for DevitoJr_80:
(Start: 5 @51367 has 10 MA's), (9, 51442),

Gene: Ingrid_88 Start: 52146, Stop: 52307, Start Num: 3
Candidate Starts for Ingrid_88:
(Start: 3 @52146 has 2 MA's), (9, 52224), (13, 52290),

Gene: Inked_88 Start: 52985, Stop: 53146, Start Num: 5
Candidate Starts for Inked_88:
(Start: 5 @52985 has 10 MA's), (11, 53087),

Gene: Loretta_84 Start: 52146, Stop: 52307, Start Num: 3
Candidate Starts for Loretta_84:
(Start: 3 @52146 has 2 MA's), (9, 52224), (13, 52290),

Gene: LucySwiss_80 Start: 50989, Stop: 51153, Start Num: 5
Candidate Starts for LucySwiss_80:
(Start: 5 @50989 has 10 MA's), (9, 51064),

Gene: MediumFry_79 Start: 51774, Stop: 51929, Start Num: 5
Candidate Starts for MediumFry_79:
(Start: 5 @51774 has 10 MA's), (9, 51849), (12, 51879),

Gene: Nightmare_82 Start: 52321, Stop: 52485, Start Num: 5
Candidate Starts for Nightmare_82:
(Start: 5 @52321 has 10 MA's), (9, 52396),

Gene: ScienceWizSam_82 Start: 51540, Stop: 51704, Start Num: 5
Candidate Starts for ScienceWizSam_82:
(Start: 5 @51540 has 10 MA's), (9, 51615),

Gene: Tokki_90 Start: 51981, Stop: 52145, Start Num: 5
Candidate Starts for Tokki_90:
(4, 51978), (Start: 5 @51981 has 10 MA's), (6, 51987), (8, 52029), (9, 52056),

Gene: Westerlin_77 Start: 52318, Stop: 52482, Start Num: 5
Candidate Starts for Westerlin_77:
(Start: 5 @52318 has 10 MA's), (9, 52393),

Gene: Zippen_89 Start: 53027, Stop: 53188, Start Num: 5
Candidate Starts for Zippen_89:
(Start: 5 @53027 has 10 MA's), (11, 53129), (13, 53171),