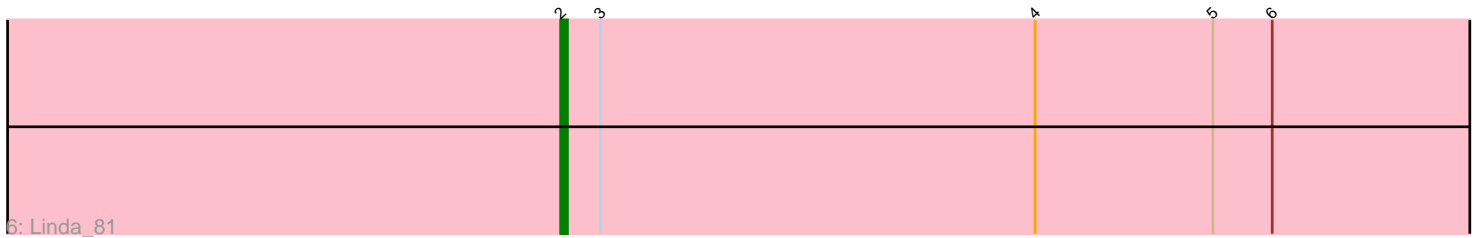
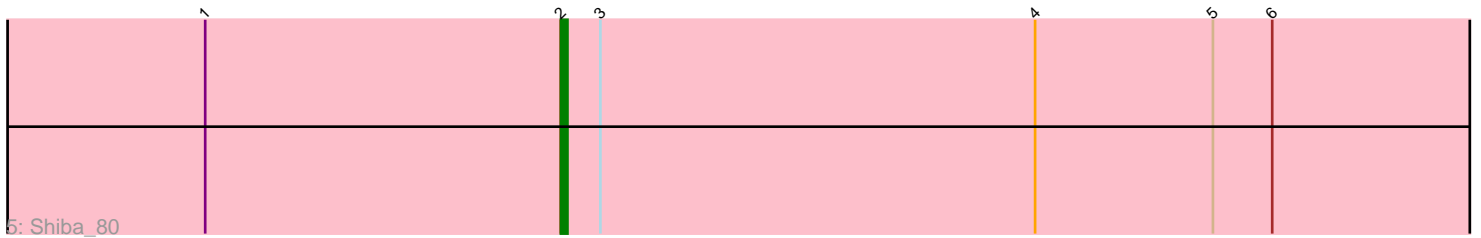
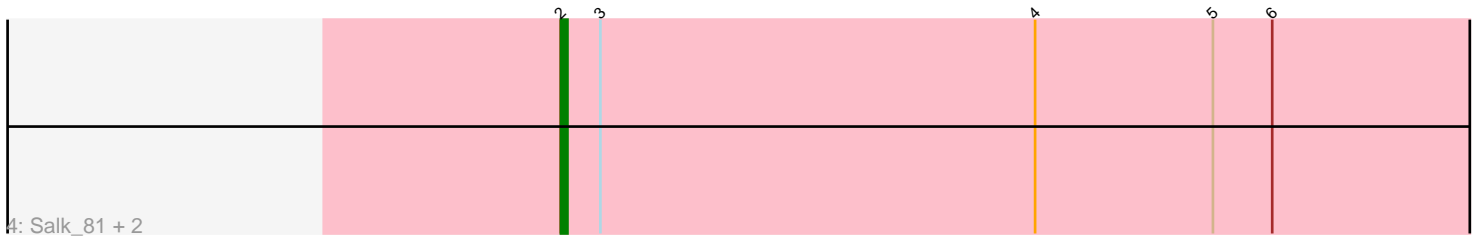
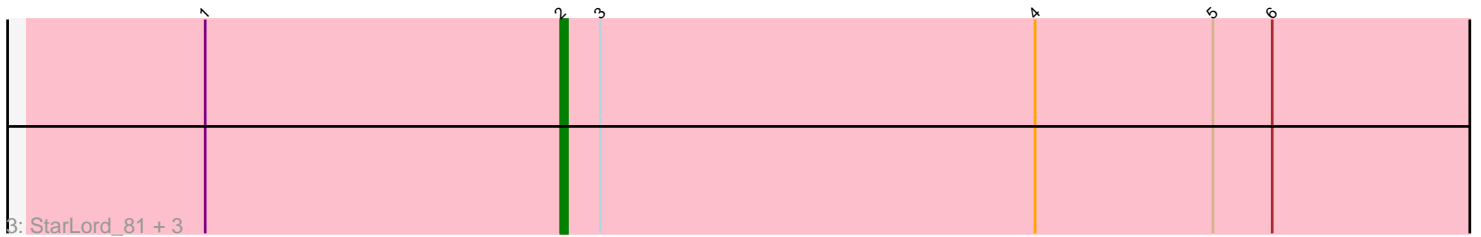
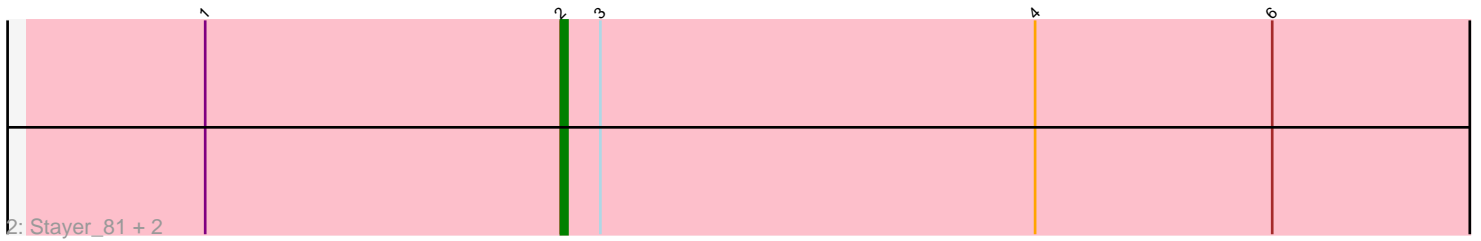
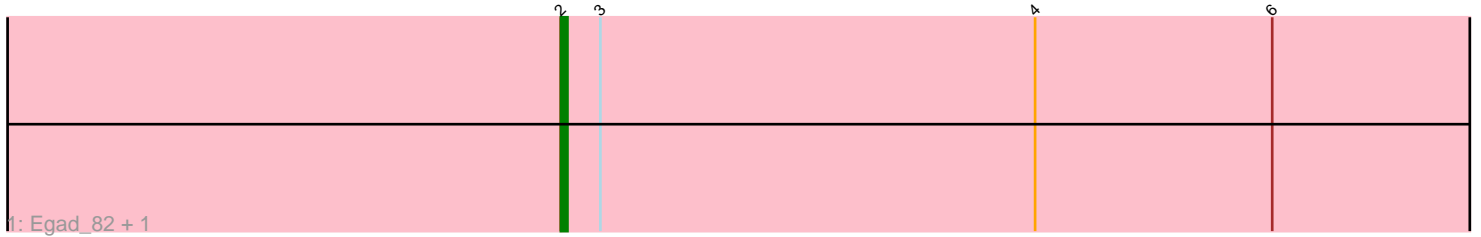


Pham 5983



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 5983 Report

This analysis was run 07/09/24 on database version 566.

Pham number 5983 has 14 members, 3 are drafts.

Phages represented in each track:

- Track 1 : Egad_82, DoctorPepper_81
- Track 2 : Stayer_81, BronxBay_81, Michelle_81
- Track 3 : StarLord_81, Djungelskog_80, Sloopyjoe_81, MrAaronian_81
- Track 4 : Salk_81, Raunak_82, ProfFrink_82
- Track 5 : Shiba_80
- Track 6 : Linda_81

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 11 of the 11 non-draft genes in the pham.

Genes that call this "Most Annotated" start:

- BronxBay_81, Djungelskog_80, DoctorPepper_81, Egad_82, Linda_81, Michelle_81, MrAaronian_81, ProfFrink_82, Raunak_82, Salk_81, Shiba_80, Sloopyjoe_81, StarLord_81, Stayer_81,

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 14 of 14 (100.0%) of genes in pham
- Manual Annotations of this start: 11 of 11
- Called 100.0% of time when present
- Phage (with cluster) where this start called: BronxBay_81 (AW), Djungelskog_80 (AW), DoctorPepper_81 (AW), Egad_82 (AW), Linda_81 (AW), Michelle_81 (AW), MrAaronian_81 (AW), ProfFrink_82 (AW), Raunak_82 (AW), Salk_81 (AW), Shiba_80 (AW), Sloopyjoe_81 (AW), StarLord_81 (AW), Stayer_81 (AW),

Summary by clusters:

There is one cluster represented in this pham: AW

Info for manual annotations of cluster AW:

•Start number 2 was manually annotated 11 times for cluster AW.

Gene Information:

Gene: BronxBay_81 Start: 49447, Stop: 49680, Start Num: 2

Candidate Starts for BronxBay_81:

(1, 49393), (Start: 2 @49447 has 11 MA's), (3, 49453), (4, 49519), (6, 49555),

Gene: Djungelskog_80 Start: 49449, Stop: 49682, Start Num: 2

Candidate Starts for Djungelskog_80:

(1, 49395), (Start: 2 @49449 has 11 MA's), (3, 49455), (4, 49521), (5, 49548), (6, 49557),

Gene: DoctorPepper_81 Start: 49180, Stop: 49413, Start Num: 2

Candidate Starts for DoctorPepper_81:

(Start: 2 @49180 has 11 MA's), (3, 49186), (4, 49252), (6, 49288),

Gene: Egad_82 Start: 49454, Stop: 49687, Start Num: 2

Candidate Starts for Egad_82:

(Start: 2 @49454 has 11 MA's), (3, 49460), (4, 49526), (6, 49562),

Gene: Linda_81 Start: 49467, Stop: 49700, Start Num: 2

Candidate Starts for Linda_81:

(Start: 2 @49467 has 11 MA's), (3, 49473), (4, 49539), (5, 49566), (6, 49575),

Gene: Michelle_81 Start: 49446, Stop: 49679, Start Num: 2

Candidate Starts for Michelle_81:

(1, 49392), (Start: 2 @49446 has 11 MA's), (3, 49452), (4, 49518), (6, 49554),

Gene: MrAaronian_81 Start: 49446, Stop: 49679, Start Num: 2

Candidate Starts for MrAaronian_81:

(1, 49392), (Start: 2 @49446 has 11 MA's), (3, 49452), (4, 49518), (5, 49545), (6, 49554),

Gene: ProfFrink_82 Start: 49415, Stop: 49648, Start Num: 2

Candidate Starts for ProfFrink_82:

(Start: 2 @49415 has 11 MA's), (3, 49421), (4, 49487), (5, 49514), (6, 49523),

Gene: Raunak_82 Start: 49125, Stop: 49358, Start Num: 2

Candidate Starts for Raunak_82:

(Start: 2 @49125 has 11 MA's), (3, 49131), (4, 49197), (5, 49224), (6, 49233),

Gene: Salk_81 Start: 49429, Stop: 49662, Start Num: 2

Candidate Starts for Salk_81:

(Start: 2 @49429 has 11 MA's), (3, 49435), (4, 49501), (5, 49528), (6, 49537),

Gene: Shiba_80 Start: 49141, Stop: 49374, Start Num: 2

Candidate Starts for Shiba_80:

(1, 49087), (Start: 2 @49141 has 11 MA's), (3, 49147), (4, 49213), (5, 49240), (6, 49249),

Gene: Sloopyjoe_81 Start: 49448, Stop: 49681, Start Num: 2

Candidate Starts for Sloopyjoe_81:

(1, 49394), (Start: 2 @49448 has 11 MA's), (3, 49454), (4, 49520), (5, 49547), (6, 49556),

Gene: StarLord_81 Start: 49441, Stop: 49674, Start Num: 2

Candidate Starts for StarLord_81:

(1, 49387), (Start: 2 @49441 has 11 MA's), (3, 49447), (4, 49513), (5, 49540), (6, 49549),

Gene: Stayer_81 Start: 49444, Stop: 49677, Start Num: 2

Candidate Starts for Stayer_81:

(1, 49390), (Start: 2 @49444 has 11 MA's), (3, 49450), (4, 49516), (6, 49552),