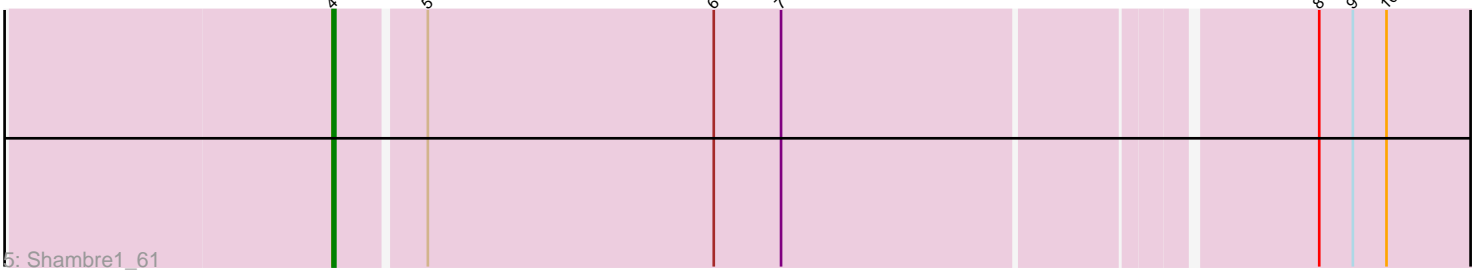
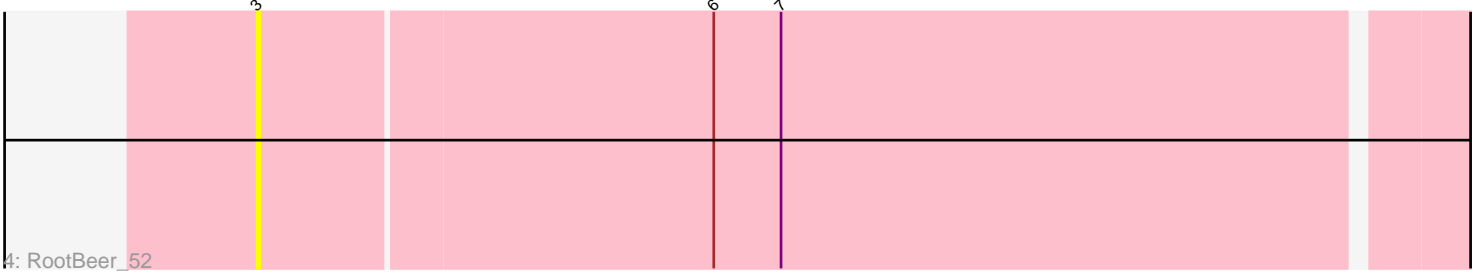
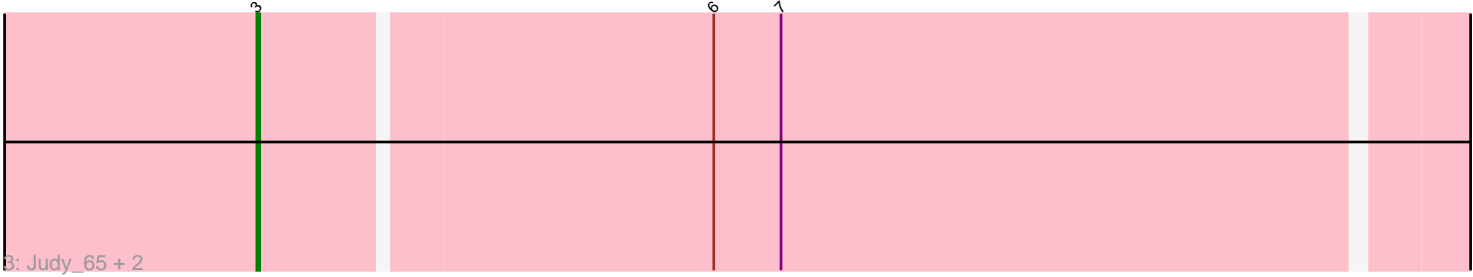
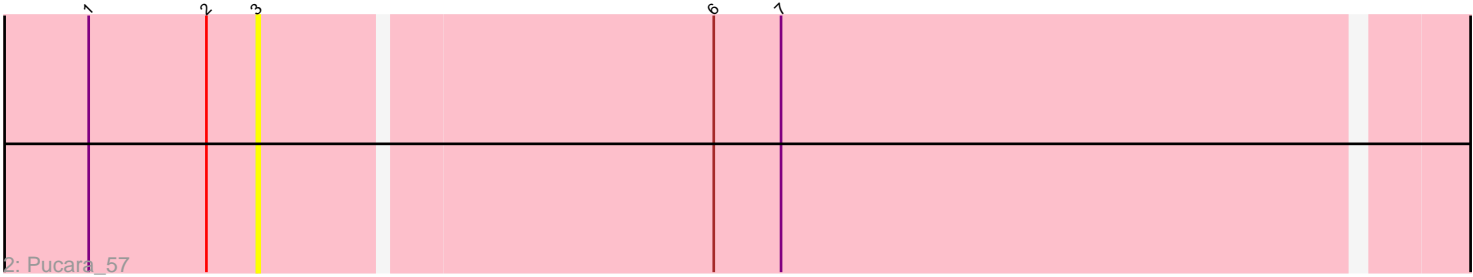
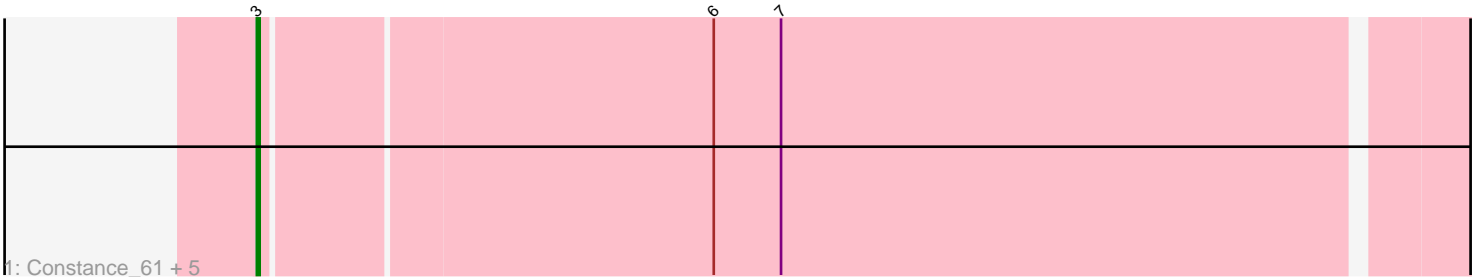


Pham 50885



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 50885 Report

This analysis was run 04/28/24 on database version 559.

Pham number 50885 has 12 members, 4 are drafts.

Phages represented in each track:

- Track 1 : Constance_61, Peas_62, Karkharias_61, PeggyLeg03_60, GlobiWarming_65, ChuckDuck_61
- Track 2 : Pucara_57
- Track 3 : Judy_65, Bridgette_63, Eileen_56
- Track 4 : RootBeer_52
- Track 5 : Shambre1_61

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 8 non-draft genes in the pham.

Genes that call this "Most Annotated" start:

- Bridgette_63, ChuckDuck_61, Constance_61, Eileen_56, GlobiWarming_65, Judy_65, Karkharias_61, Peas_62, PeggyLeg03_60, Pucara_57, RootBeer_52,

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

-

Genes that do not have the "Most Annotated" start:

- Shambre1_61,

Summary by start number:

Start 3:

- Found in 11 of 12 (91.7%) of genes in pham
- Manual Annotations of this start: 7 of 8
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Bridgette_63 (FA), ChuckDuck_61 (FA), Constance_61 (FA), Eileen_56 (FA), GlobiWarming_65 (FA), Judy_65 (FA), Karkharias_61 (FA), Peas_62 (FA), PeggyLeg03_60 (FA), Pucara_57 (FA), RootBeer_52 (FA),

Start 4:

- Found in 1 of 12 (8.3%) of genes in pham
- Manual Annotations of this start: 1 of 8
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Shambre1_61 (singleton),

Summary by clusters:

There are 2 clusters represented in this pham: FA, singleton,

Info for manual annotations of cluster FA:

- Start number 3 was manually annotated 7 times for cluster FA.

Gene Information:

Gene: Bridgette_63 Start: 40094, Stop: 40534, Start Num: 3

Candidate Starts for Bridgette_63:

(Start: 3 @40094 has 7 MA's), (6, 40250), (7, 40274),

Gene: ChuckDuck_61 Start: 39543, Stop: 39986, Start Num: 3

Candidate Starts for ChuckDuck_61:

(Start: 3 @39543 has 7 MA's), (6, 39702), (7, 39726),

Gene: Constance_61 Start: 40141, Stop: 40581, Start Num: 3

Candidate Starts for Constance_61:

(Start: 3 @40141 has 7 MA's), (6, 40297), (7, 40321),

Gene: Eileen_56 Start: 37263, Stop: 37703, Start Num: 3

Candidate Starts for Eileen_56:

(Start: 3 @37263 has 7 MA's), (6, 37419), (7, 37443),

Gene: GlobiWarming_65 Start: 39342, Stop: 39785, Start Num: 3

Candidate Starts for GlobiWarming_65:

(Start: 3 @39342 has 7 MA's), (6, 39501), (7, 39525),

Gene: Judy_65 Start: 40548, Stop: 40988, Start Num: 3

Candidate Starts for Judy_65:

(Start: 3 @40548 has 7 MA's), (6, 40704), (7, 40728),

Gene: Karkharias_61 Start: 39183, Stop: 39623, Start Num: 3

Candidate Starts for Karkharias_61:

(Start: 3 @39183 has 7 MA's), (6, 39339), (7, 39363),

Gene: Peas_62 Start: 40980, Stop: 41423, Start Num: 3

Candidate Starts for Peas_62:

(Start: 3 @40980 has 7 MA's), (6, 41139), (7, 41163),

Gene: PeggyLeg03_60 Start: 39628, Stop: 40068, Start Num: 3

Candidate Starts for PeggyLeg03_60:

(Start: 3 @39628 has 7 MA's), (6, 39784), (7, 39808),

Gene: Pucara_57 Start: 39236, Stop: 39676, Start Num: 3

Candidate Starts for Pucara_57:

(1, 39176), (2, 39218), (Start: 3 @39236 has 7 MA's), (6, 39392), (7, 39416),

Gene: RootBeer_52 Start: 36081, Stop: 36524, Start Num: 3

Candidate Starts for RootBeer_52:

(Start: 3 @36081 has 7 MA's), (6, 36240), (7, 36264),

Gene: Shambre1_61 Start: 39654, Stop: 40067, Start Num: 4

Candidate Starts for Shambre1_61:

(Start: 4 @39654 has 1 MA's), (5, 39684), (6, 39786), (7, 39810), (8, 39990), (9, 40002), (10, 40014),