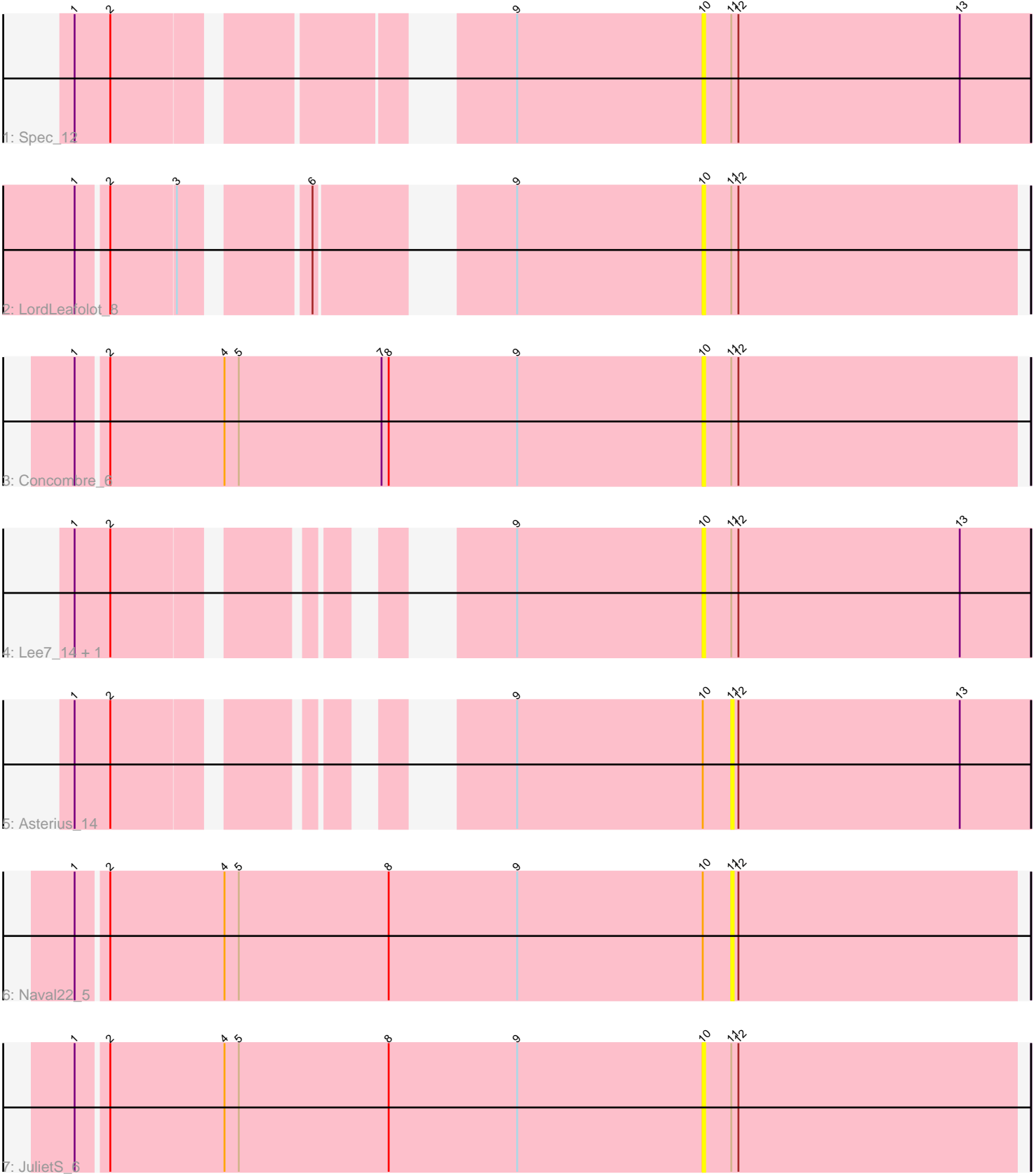


Pham 54992



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 54992 Report

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

Pham number 54992 has 8 members, 8 are drafts.

Phages represented in each track:

- Track 1 : Spec_12
- Track 2 : LordLeafolot_8
- Track 3 : Concombre_6
- Track 4 : Lee7_14, Issimir_14
- Track 5 : Asterius_14
- Track 6 : Naval22_5
- Track 7 : JulietS_6

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

This pham is comprised of all draft annotations. There are no annotations to summarize.

Summary by start number:

Start 10:

- Found in 8 of 8 (100.0%) of genes in pham
- No Manual Annotations of this start.
- Called 75.0% of time when present
- Phage (with cluster) where this start called: Concombre_6 (C1), Issimir_14 (C1), JulietS_6 (C1), Lee7_14 (C1), LordLeafolot_8 (C1), Spec_12 (C1),

Start 11:

- Found in 8 of 8 (100.0%) of genes in pham
- No Manual Annotations of this start.
- Called 25.0% of time when present
- Phage (with cluster) where this start called: Asterius_14 (C1), Naval22_5 (C1),

Summary by clusters:

There is one cluster represented in this pham: C1

Gene Information:

Gene: Asterius_14 Start: 5275, Stop: 5400, Start Num: 11

Candidate Starts for Asterius_14:

(1, 5050), (2, 5065), (9, 5185), (10, 5263), (11, 5275), (12, 5278), (13, 5371),

Gene: Concombre_6 Start: 1867, Stop: 1998, Start Num: 10

Candidate Starts for Concombre_6:

(1, 1606), (2, 1618), (4, 1666), (5, 1672), (7, 1732), (8, 1735), (9, 1789), (10, 1867), (11, 1879), (12, 1882),

Gene: Issimir_14 Start: 5257, Stop: 5394, Start Num: 10

Candidate Starts for Issimir_14:

(1, 5044), (2, 5059), (9, 5179), (10, 5257), (11, 5269), (12, 5272), (13, 5365),

Gene: JulietS_6 Start: 2020, Stop: 2151, Start Num: 10

Candidate Starts for JulietS_6:

(1, 1759), (2, 1771), (4, 1819), (5, 1825), (8, 1888), (9, 1942), (10, 2020), (11, 2032), (12, 2035),

Gene: Lee7_14 Start: 5263, Stop: 5400, Start Num: 10

Candidate Starts for Lee7_14:

(1, 5050), (2, 5065), (9, 5185), (10, 5263), (11, 5275), (12, 5278), (13, 5371),

Gene: LordLeafolot_8 Start: 2689, Stop: 2820, Start Num: 10

Candidate Starts for LordLeafolot_8:

(1, 2464), (2, 2476), (3, 2503), (6, 2548), (9, 2611), (10, 2689), (11, 2701), (12, 2704),

Gene: Naval22_5 Start: 1878, Stop: 1997, Start Num: 11

Candidate Starts for Naval22_5:

(1, 1605), (2, 1617), (4, 1665), (5, 1671), (8, 1734), (9, 1788), (10, 1866), (11, 1878), (12, 1881),

Gene: Spec_12 Start: 4194, Stop: 4331, Start Num: 10

Candidate Starts for Spec_12:

(1, 3966), (2, 3981), (9, 4116), (10, 4194), (11, 4206), (12, 4209), (13, 4302),