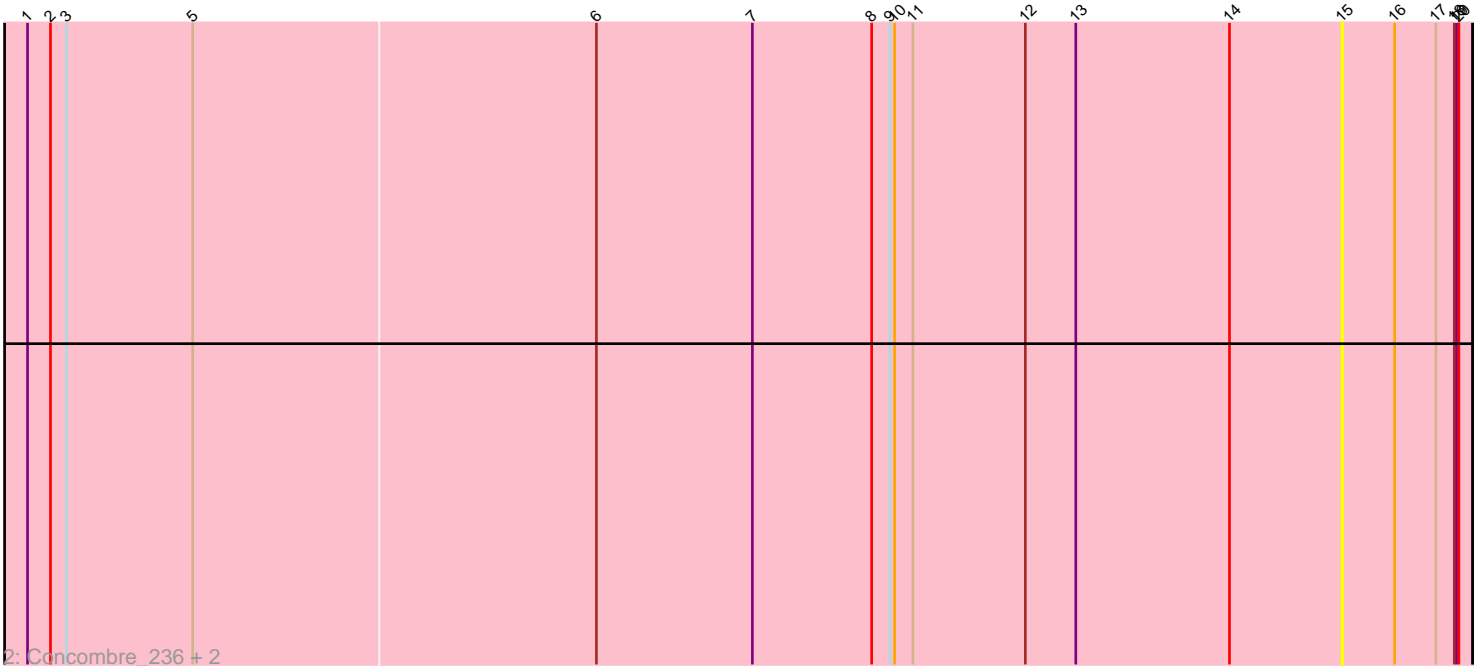
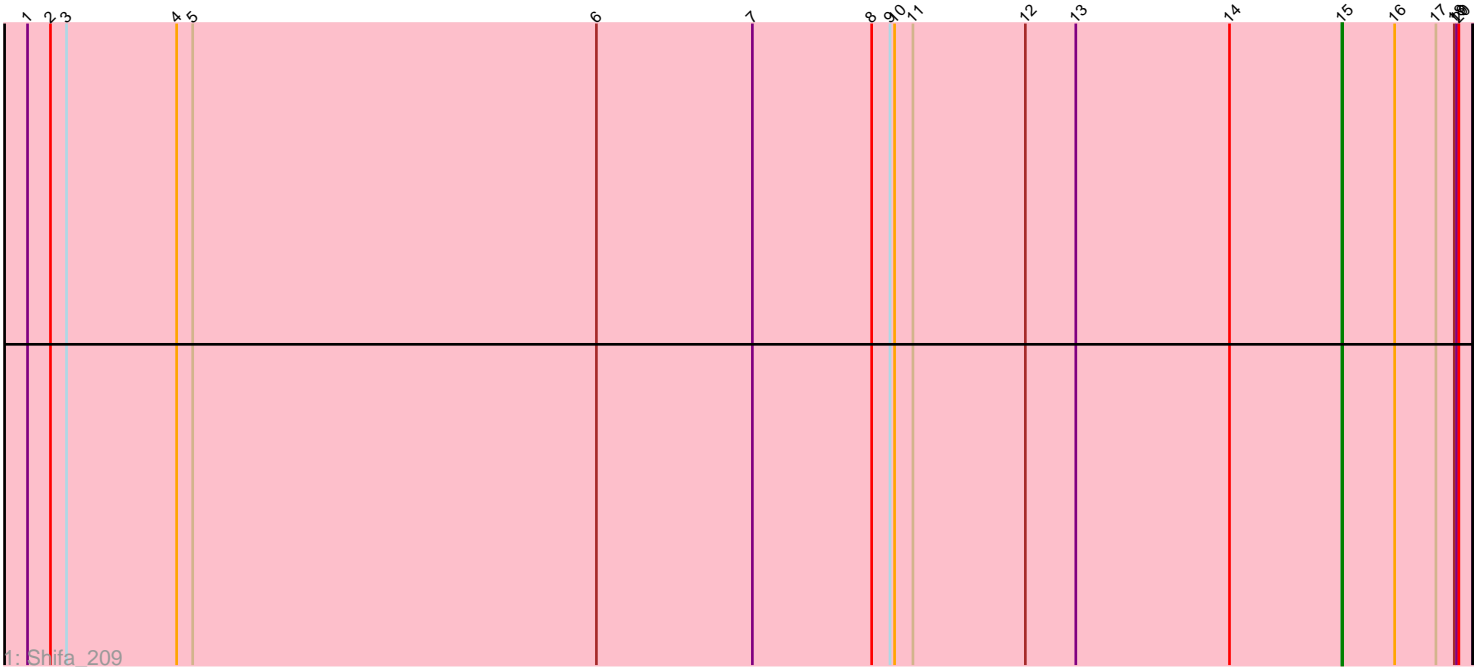


Pham 10470



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 10470 Report

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

Pham number 10470 has 4 members, 3 are drafts.

Phages represented in each track:

- Track 1 : Shifa_209
- Track 2 : Concombre_236, LordLeafolot_233, Naval22_236

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

The start number called the most often in the published annotations is 15, it was called in 1 of the 1 non-draft genes in the pham.

Genes that call this "Most Annotated" start:

- Concombre_236, LordLeafolot_233, Naval22_236, Shifa_209,

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 15:

- Found in 4 of 4 (100.0%) of genes in pham
- Manual Annotations of this start: 1 of 1
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Concombre_236 (C1), LordLeafolot_233 (C1), Naval22_236 (C1), Shifa_209 (C1),

Summary by clusters:

There is one cluster represented in this pham: C1

Info for manual annotations of cluster C1:

- Start number 15 was manually annotated 1 time for cluster C1.

Gene Information:

Gene: Concombre_236 Start: 130400, Stop: 130230, Start Num: 15

Candidate Starts for Concombre_236:

(1, 132113), (2, 132083), (3, 132062), (5, 131897), (6, 131375), (7, 131171), (8, 131015), (9, 130991), (10, 130985), (11, 130961), (12, 130814), (13, 130748), (14, 130547), (Start: 15 @130400 has 1 MA's), (16, 130331), (17, 130277), (18, 130253), (19, 130250), (20, 130247),

Gene: LordLeafolot_233 Start: 128654, Stop: 128484, Start Num: 15

Candidate Starts for LordLeafolot_233:

(1, 130367), (2, 130337), (3, 130316), (5, 130151), (6, 129629), (7, 129425), (8, 129269), (9, 129245), (10, 129239), (11, 129215), (12, 129068), (13, 129002), (14, 128801), (Start: 15 @128654 has 1 MA's), (16, 128585), (17, 128531), (18, 128507), (19, 128504), (20, 128501),

Gene: Naval22_236 Start: 130627, Stop: 130457, Start Num: 15

Candidate Starts for Naval22_236:

(1, 132340), (2, 132310), (3, 132289), (5, 132124), (6, 131602), (7, 131398), (8, 131242), (9, 131218), (10, 131212), (11, 131188), (12, 131041), (13, 130975), (14, 130774), (Start: 15 @130627 has 1 MA's), (16, 130558), (17, 130504), (18, 130480), (19, 130477), (20, 130474),

Gene: Shifa_209 Start: 128068, Stop: 127898, Start Num: 15

Candidate Starts for Shifa_209:

(1, 129787), (2, 129757), (3, 129736), (4, 129592), (5, 129571), (6, 129043), (7, 128839), (8, 128683), (9, 128659), (10, 128653), (11, 128629), (12, 128482), (13, 128416), (14, 128215), (Start: 15 @128068 has 1 MA's), (16, 127999), (17, 127945), (18, 127921), (19, 127918), (20, 127915),