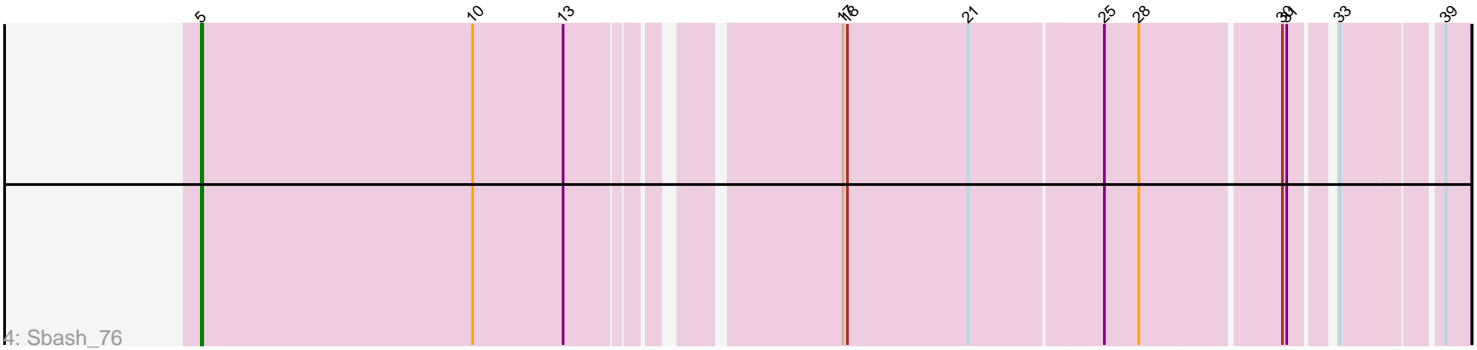
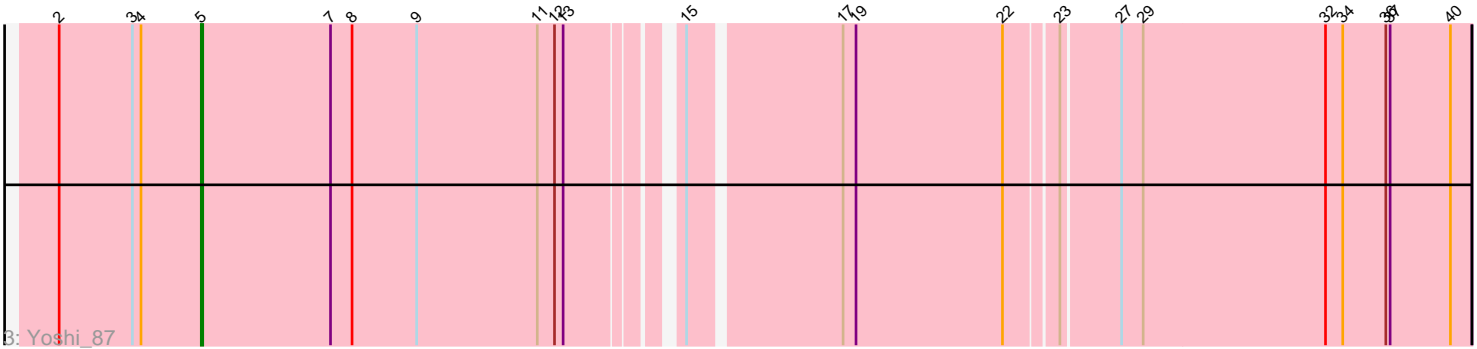
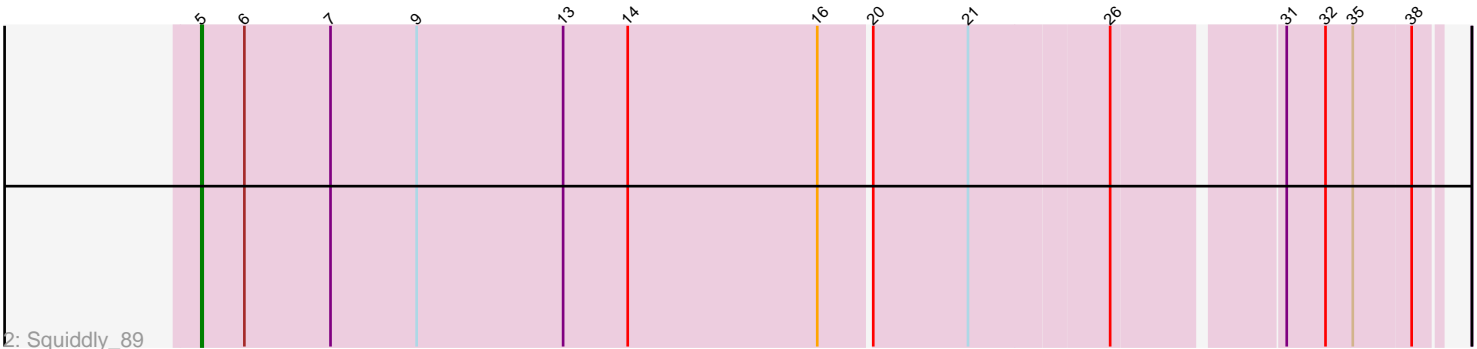
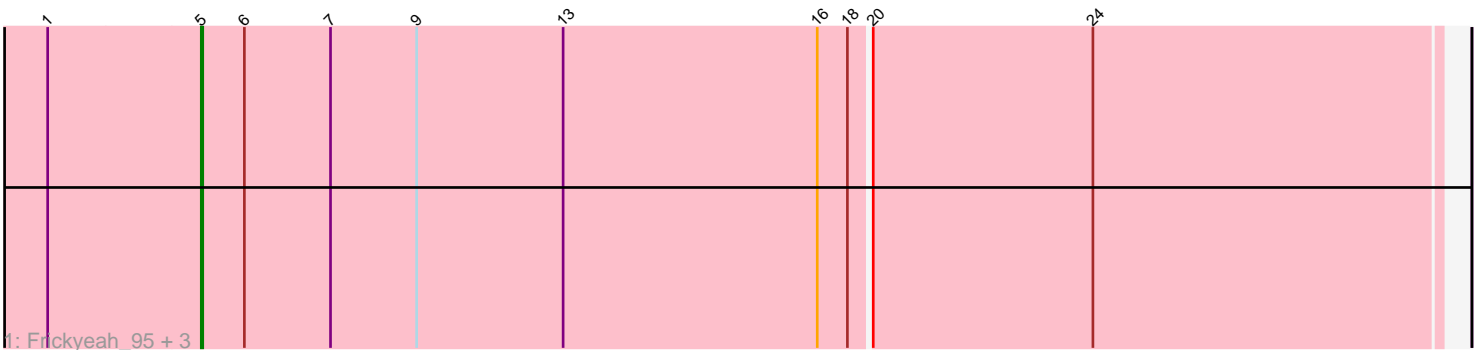


Pham 88055



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 88055 Report

This analysis was run 04/05/24 on database version 557.

Pham number 88055 has 7 members, 1 are drafts.

Phages represented in each track:

- Track 1 : Frickyeh_95, Periwinkle_97, Horus_89, Leroy_88
- Track 2 : Squiddly_89
- Track 3 : Yoshi_87
- Track 4 : Sbash_76

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 6 of the 6 non-draft genes in the pham.

Genes that call this "Most Annotated" start:

- Frickyeh_95, Horus_89, Leroy_88, Periwinkle_97, Sbash_76, Squiddly_89, Yoshi_87,

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 5:

- Found in 7 of 7 (100.0%) of genes in pham
- Manual Annotations of this start: 6 of 6
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Frickyeh_95 (DN1), Horus_89 (DN1), Leroy_88 (DN1), Periwinkle_97 (DN1), Sbash_76 (I2), Squiddly_89 (DN2), Yoshi_87 (F2),

Summary by clusters:

There are 4 clusters represented in this pham: F2, I2, DN1, DN2,

Info for manual annotations of cluster DN1:

- Start number 5 was manually annotated 3 times for cluster DN1.

Info for manual annotations of cluster DN2:

- Start number 5 was manually annotated 1 time for cluster DN2.

Info for manual annotations of cluster F2:

- Start number 5 was manually annotated 1 time for cluster F2.

Info for manual annotations of cluster I2:

- Start number 5 was manually annotated 1 time for cluster I2.

Gene Information:

Gene: Frickyeah_95 Start: 49327, Stop: 50181, Start Num: 5

Candidate Starts for Frickyeah_95:

(1, 49222), (Start: 5 @49327 has 6 MA's), (6, 49357), (7, 49417), (9, 49477), (13, 49579), (16, 49756), (18, 49777), (20, 49789), (24, 49942),

Gene: Horus_89 Start: 49602, Stop: 50456, Start Num: 5

Candidate Starts for Horus_89:

(1, 49497), (Start: 5 @49602 has 6 MA's), (6, 49632), (7, 49692), (9, 49752), (13, 49854), (16, 50031), (18, 50052), (20, 50064), (24, 50217),

Gene: Leroy_88 Start: 47797, Stop: 48651, Start Num: 5

Candidate Starts for Leroy_88:

(1, 47692), (Start: 5 @47797 has 6 MA's), (6, 47827), (7, 47887), (9, 47947), (13, 48049), (16, 48226), (18, 48247), (20, 48259), (24, 48412),

Gene: Periwinkle_97 Start: 50604, Stop: 51458, Start Num: 5

Candidate Starts for Periwinkle_97:

(1, 50499), (Start: 5 @50604 has 6 MA's), (6, 50634), (7, 50694), (9, 50754), (13, 50856), (16, 51033), (18, 51054), (20, 51066), (24, 51219),

Gene: Sbash_76 Start: 48203, Stop: 49018, Start Num: 5

Candidate Starts for Sbash_76:

(Start: 5 @48203 has 6 MA's), (10, 48392), (13, 48455), (17, 48617), (18, 48620), (21, 48704), (25, 48794), (28, 48818), (30, 48911), (31, 48914), (33, 48938), (39, 49001),

Gene: Squiddly_89 Start: 51823, Stop: 52653, Start Num: 5

Candidate Starts for Squiddly_89:

(Start: 5 @51823 has 6 MA's), (6, 51853), (7, 51913), (9, 51973), (13, 52075), (14, 52120), (16, 52252), (20, 52285), (21, 52351), (26, 52444), (31, 52552), (32, 52579), (35, 52597), (38, 52636),

Gene: Yoshi_87 Start: 46834, Stop: 47673, Start Num: 5

Candidate Starts for Yoshi_87:

(2, 46735), (3, 46786), (4, 46792), (Start: 5 @46834 has 6 MA's), (7, 46924), (8, 46939), (9, 46984), (11, 47068), (12, 47080), (13, 47086), (15, 47149), (17, 47248), (19, 47257), (22, 47359), (23, 47392), (27, 47431), (29, 47446), (32, 47572), (34, 47584), (36, 47614), (37, 47617), (40, 47659),