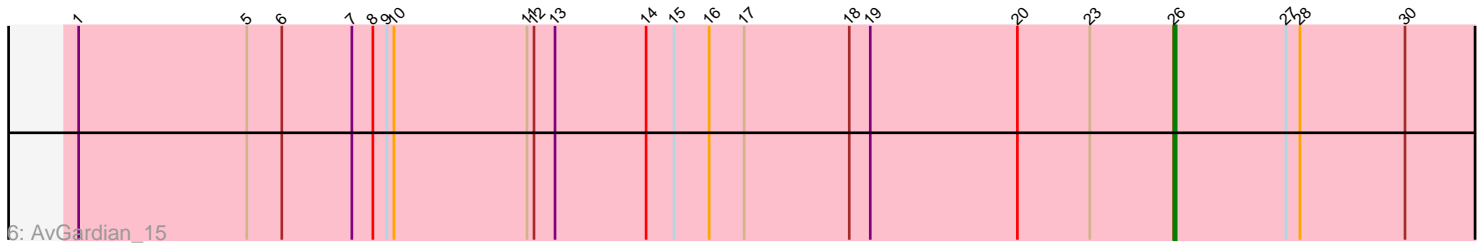
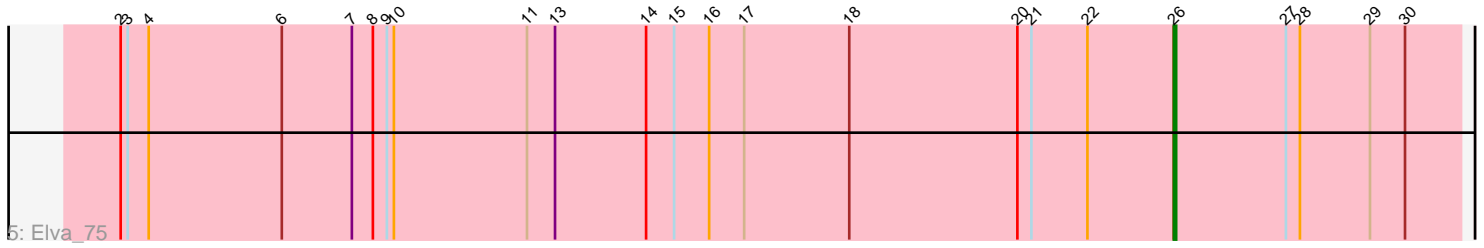
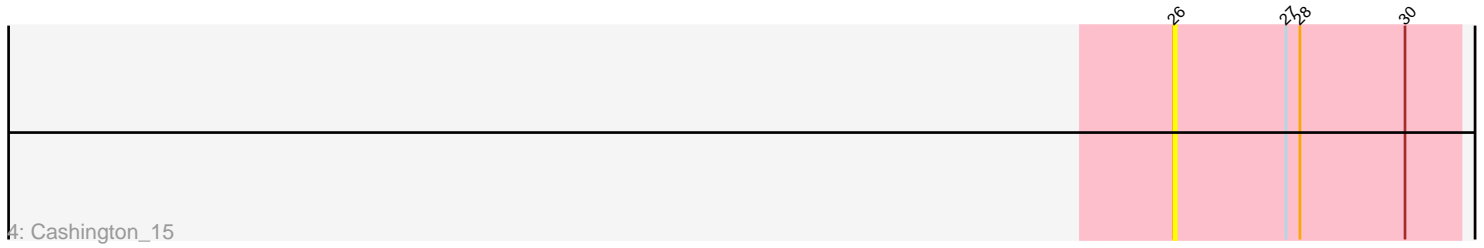
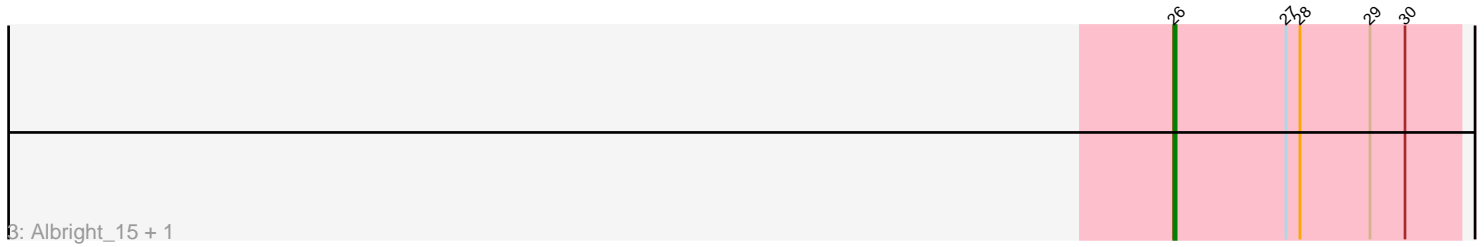
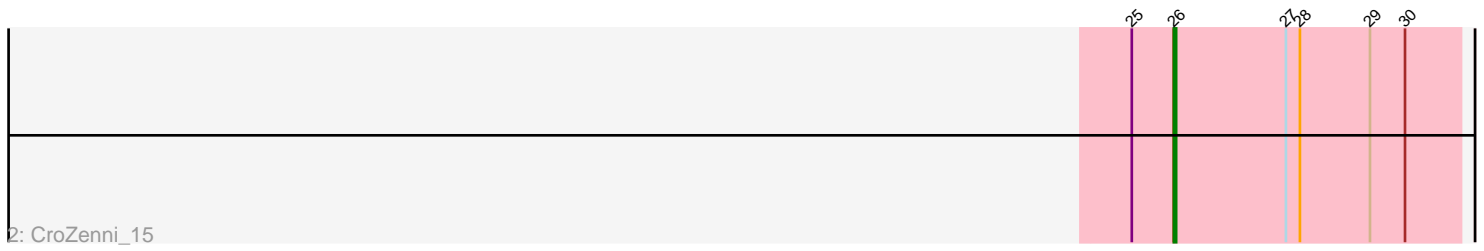
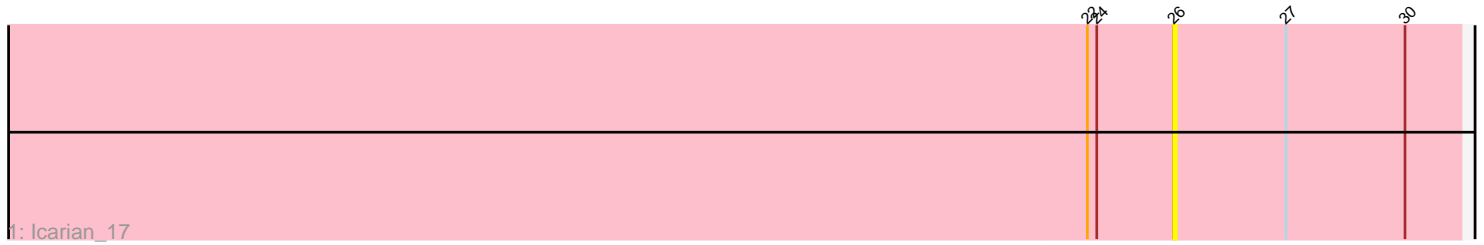


Pham 8605



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 8605 Report

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

Pham number 8605 has 7 members, 2 are drafts.

Phages represented in each track:

- Track 1 : Icarian_17
- Track 2 : CroZenni_15
- Track 3 : Albright_15, SansAfet_15
- Track 4 : Cashington_15
- Track 5 : Elva_75
- Track 6 : AvGardian_15

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

The start number called the most often in the published annotations is 26, it was called in 5 of the 5 non-draft genes in the pham.

Genes that call this "Most Annotated" start:

- Albright_15, AvGardian_15, Cashington_15, CroZenni_15, Elva_75, Icarian_17, SansAfet_15,

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 26:

- Found in 7 of 7 (100.0%) of genes in pham
- Manual Annotations of this start: 5 of 5
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Albright_15 (EB), AvGardian_15 (EB), Cashington_15 (EB), CroZenni_15 (EB), Elva_75 (EB), Icarian_17 (EB), SansAfet_15 (EB),

Summary by clusters:

There is one cluster represented in this pham: EB

Info for manual annotations of cluster EB:

•Start number 26 was manually annotated 5 times for cluster EB.

Gene Information:

Gene: Albright_15 Start: 10086, Stop: 9958, Start Num: 26

Candidate Starts for Albright_15:

(Start: 26 @10086 has 5 MA's), (27, 10038), (28, 10032), (29, 10002), (30, 9987),

Gene: AvGardian_15 Start: 10116, Stop: 9982, Start Num: 26

Candidate Starts for AvGardian_15:

(1, 10584), (5, 10512), (6, 10497), (7, 10467), (8, 10458), (9, 10452), (10, 10449), (11, 10392), (12, 10389), (13, 10380), (14, 10341), (15, 10329), (16, 10314), (17, 10299), (18, 10254), (19, 10245), (20, 10182), (23, 10152), (Start: 26 @10116 has 5 MA's), (27, 10068), (28, 10062), (30, 10017),

Gene: Cashington_15 Start: 10103, Stop: 9975, Start Num: 26

Candidate Starts for Cashington_15:

(Start: 26 @10103 has 5 MA's), (27, 10055), (28, 10049), (30, 10004),

Gene: CroZenni_15 Start: 10086, Stop: 9958, Start Num: 26

Candidate Starts for CroZenni_15:

(25, 10104), (Start: 26 @10086 has 5 MA's), (27, 10038), (28, 10032), (29, 10002), (30, 9987),

Gene: Elva_75 Start: 10367, Stop: 10239, Start Num: 26

Candidate Starts for Elva_75:

(2, 10817), (3, 10814), (4, 10805), (6, 10748), (7, 10718), (8, 10709), (9, 10703), (10, 10700), (11, 10643), (13, 10631), (14, 10592), (15, 10580), (16, 10565), (17, 10550), (18, 10505), (20, 10433), (21, 10427), (22, 10403), (Start: 26 @10367 has 5 MA's), (27, 10319), (28, 10313), (29, 10283), (30, 10268),

Gene: Icarian_17 Start: 10289, Stop: 10161, Start Num: 26

Candidate Starts for Icarian_17:

(22, 10325), (24, 10322), (Start: 26 @10289 has 5 MA's), (27, 10241), (30, 10190),

Gene: SansAfet_15 Start: 10097, Stop: 9969, Start Num: 26

Candidate Starts for SansAfet_15:

(Start: 26 @10097 has 5 MA's), (27, 10049), (28, 10043), (29, 10013), (30, 9998),