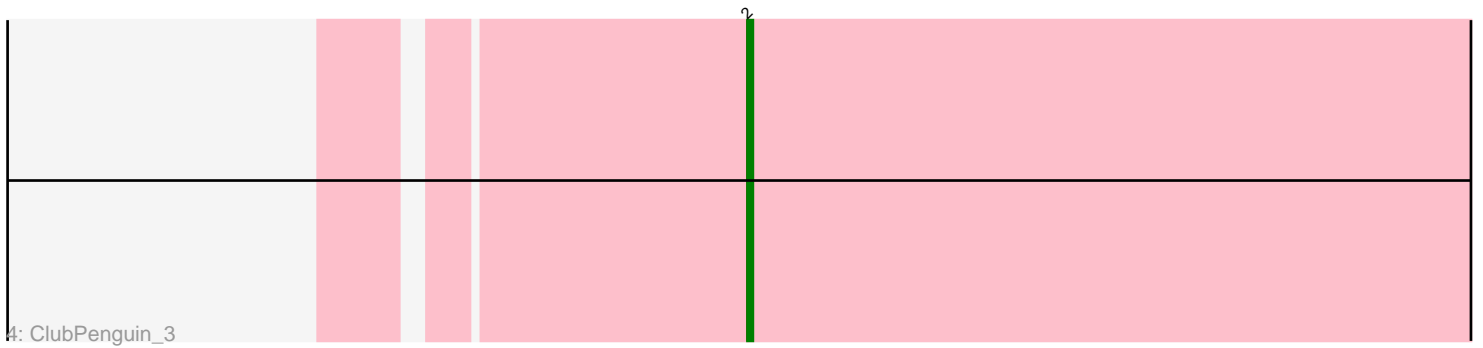
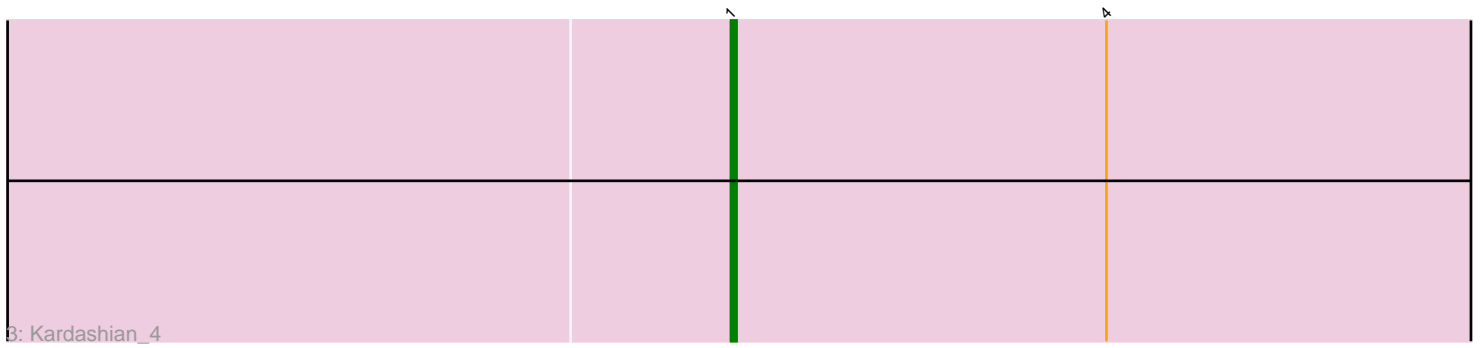
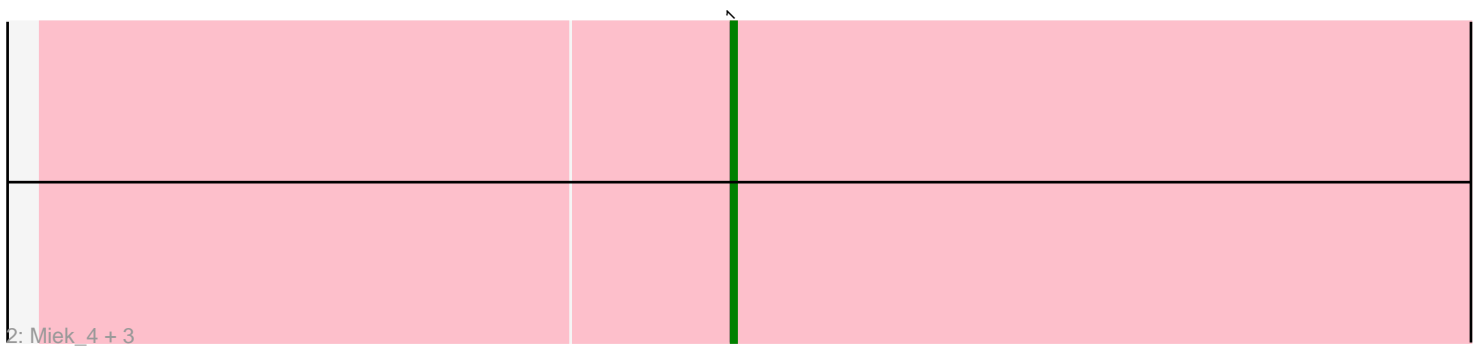
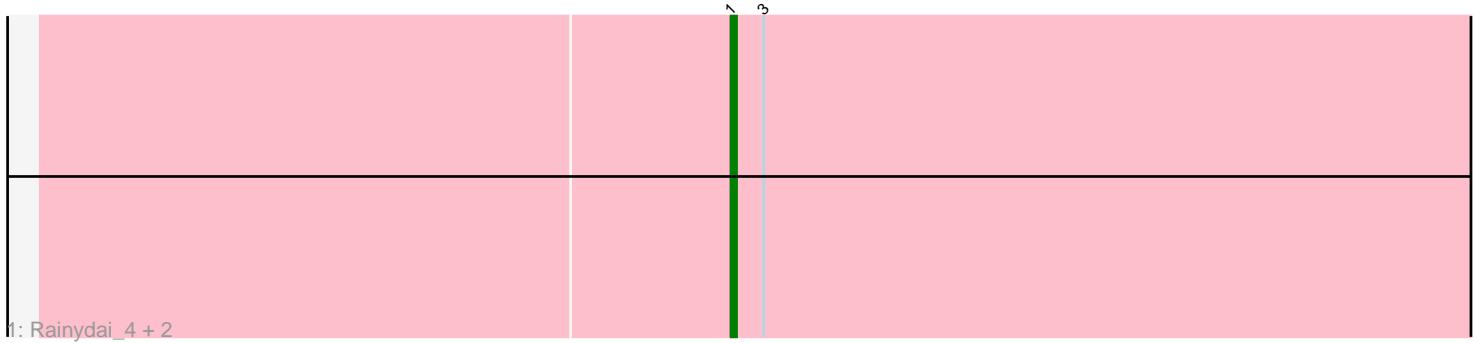


Zoomed Pham 305514



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 305514 Report

This analysis was run 06/08/26 on database version 649.

Pham number 305514 has 9 members, 2 are drafts.

Phages represented in each track:

- Track 1 : Rainydai_4, CricKo_4, Thiqqums_4
- Track 2 : Miek_4, FromIndy_4, SendItCS_4, Regigigas_4
- Track 3 : Kardashian_4
- Track 4 : ClubPenguin_3

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

The start number called the most often in the published annotations is 1, it was called in 6 of the 7 non-draft genes in the pham.

Genes that call this "Most Annotated" start:

- CricKo_4, FromIndy_4, Kardashian_4, Miek_4, Rainydai_4, Regigigas_4, SendItCS_4, Thiqqums_4,

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

-

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

- ClubPenguin_3,

Summary by start number:

Start 1:

- Found in 8 of 9 (88.9%) of genes in pham
- Manual Annotations of this start: 6 of 7
- Called 100.0% of time when present
- Phage (with cluster) where this start called: CricKo_4 (BI4), FromIndy_4 (BI4), Kardashian_4 (BI6), Miek_4 (BI4), Rainydai_4 (BI4), Regigigas_4 (BI4), SendItCS_4 (BI4), Thiqqums_4 (BI4),

Start 2:

- Found in 1 of 9 (11.1%) of genes in pham
- Manual Annotations of this start: 1 of 7
- Called 100.0% of time when present

- Phage (with cluster) where this start called: ClubPenguin_3 (BI7),

Summary by clusters:

There are 3 clusters represented in this pham: BI6, BI7, BI4,

Info for manual annotations of cluster BI4:

- Start number 1 was manually annotated 5 times for cluster BI4.

Info for manual annotations of cluster BI6:

- Start number 1 was manually annotated 1 time for cluster BI6.

Info for manual annotations of cluster BI7:

- Start number 2 was manually annotated 1 time for cluster BI7.

Gene Information:

Gene: ClubPenguin_3 Start: 874, Stop: 1728, Start Num: 2

Candidate Starts for ClubPenguin_3:

(Start: 2 @874 has 1 MA's), (5, 1156), (6, 1246), (7, 1276), (8, 1324), (10, 1555),

Gene: CricKo_4 Start: 1128, Stop: 1970, Start Num: 1

Candidate Starts for CricKo_4:

(Start: 1 @1128 has 6 MA's), (3, 1134), (5, 1413), (8, 1581), (9, 1602), (12, 1806),

Gene: FromIndy_4 Start: 1128, Stop: 1970, Start Num: 1

Candidate Starts for FromIndy_4:

(Start: 1 @1128 has 6 MA's), (5, 1413), (8, 1581), (9, 1602), (12, 1806),

Gene: Kardashian_4 Start: 1143, Stop: 2003, Start Num: 1

Candidate Starts for Kardashian_4:

(Start: 1 @1143 has 6 MA's), (4, 1212), (5, 1428), (8, 1596), (11, 1836),

Gene: Miek_4 Start: 1128, Stop: 1970, Start Num: 1

Candidate Starts for Miek_4:

(Start: 1 @1128 has 6 MA's), (5, 1413), (8, 1581), (9, 1602), (12, 1806),

Gene: Rainydai_4 Start: 1128, Stop: 1970, Start Num: 1

Candidate Starts for Rainydai_4:

(Start: 1 @1128 has 6 MA's), (3, 1134), (5, 1413), (8, 1581), (9, 1602), (12, 1806),

Gene: Regigigas_4 Start: 1128, Stop: 1970, Start Num: 1

Candidate Starts for Regigigas_4:

(Start: 1 @1128 has 6 MA's), (5, 1413), (8, 1581), (9, 1602), (12, 1806),

Gene: SendItCS_4 Start: 1128, Stop: 1970, Start Num: 1

Candidate Starts for SendItCS_4:

(Start: 1 @1128 has 6 MA's), (5, 1413), (8, 1581), (9, 1602), (12, 1806),

Gene: Thiqqums_4 Start: 1128, Stop: 1970, Start Num: 1

Candidate Starts for Thiqqums_4:

(Start: 1 @1128 has 6 MA's), (3, 1134), (5, 1413), (8, 1581), (9, 1602), (12, 1806),