Pham 287228

1: CricKo_44 + 6

2: Kardashian_46

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 287228 Report

This analysis was run 03/28/26 on database version 641.

Pham number 287228 has 8 members, 2 are drafts.

Phages represented in each track:
• Track 1 : CricKo_44, Thiqqums_44, SendItCS_42, FromIndy_44, Rainydai_43, Miek_43, Regigigas_45
• Track 2 : Kardashian_46

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

The start number called the most often in the published annotations is 4, it was called in 6 of the 6 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• CricKo_44, FromIndy_44, Kardashian_46, Miek_43, Rainydai_43, Regigigas_45, SendItCS_42, Thiqqums_44,

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 4:
• Found in 8 of 8 (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: CricKo_44 (BI4), FromIndy_44 (BI4), Kardashian_46 (BI6), Miek_43 (BI4), Rainydai_43 (BI4), Regigigas_45 (BI4), SendItCS_42 (BI4), Thiqqums_44 (BI4),

Summary by clusters:

There are 2 clusters represented in this pham: BI6, BI4,

Info for manual annotations of cluster BI4:

•Start number 4 was manually annotated 5 times for cluster BI4.

Info for manual annotations of cluster BI6:
•Start number 4 was manually annotated 1 time for cluster BI6.

Gene Information:

Gene: CricKo_44 Start: 30360, Stop: 30725, Start Num: 4
Candidate Starts for CricKo_44:
(Start: 4 @30360 has 6 MA's), (9, 30603), (10, 30612), (12, 30666), (16, 30684),

Gene: FromIndy_44 Start: 29964, Stop: 30329, Start Num: 4
Candidate Starts for FromIndy_44:
(Start: 4 @29964 has 6 MA's), (9, 30207), (10, 30216), (12, 30270), (16, 30288),

Gene: Kardashian_46 Start: 32474, Stop: 32842, Start Num: 4
Candidate Starts for Kardashian_46:
(1, 32327), (2, 32426), (3, 32450), (Start: 4 @32474 has 6 MA's), (5, 32519), (6, 32546), (7, 32657), (8, 32708), (11, 32741), (13, 32783), (14, 32789), (15, 32792),

Gene: Miek_43 Start: 29976, Stop: 30341, Start Num: 4
Candidate Starts for Miek_43:
(Start: 4 @29976 has 6 MA's), (9, 30219), (10, 30228), (12, 30282), (16, 30300),

Gene: Rainydai_43 Start: 30360, Stop: 30725, Start Num: 4
Candidate Starts for Rainydai_43:
(Start: 4 @30360 has 6 MA's), (9, 30603), (10, 30612), (12, 30666), (16, 30684),

Gene: Regigigas_45 Start: 30361, Stop: 30726, Start Num: 4
Candidate Starts for Regigigas_45:
(Start: 4 @30361 has 6 MA's), (9, 30604), (10, 30613), (12, 30667), (16, 30685),

Gene: SendItCS_42 Start: 29964, Stop: 30329, Start Num: 4
Candidate Starts for SendItCS_42:
(Start: 4 @29964 has 6 MA's), (9, 30207), (10, 30216), (12, 30270), (16, 30288),

Gene: Thiqqums_44 Start: 30360, Stop: 30725, Start Num: 4
Candidate Starts for Thiqqums_44:
(Start: 4 @30360 has 6 MA's), (9, 30603), (10, 30612), (12, 30666), (16, 30684),