



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 10725 Report

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

Pham number 10725 has 10 members, 6 are drafts.

Phages represented in each track:

- Track 1 : FlyingTortilla_47, UBSmoodge_49, ScarletRaider_47
- Track 2 : Pakusa_46, Chidiebere_48, Gray_48, Oogie_48, Alok_46, Kabocha_49, Hanem_48

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 4 of the 4 non-draft genes in the pham.

Genes that call this "Most Annotated" start:

- Alok_46, Chidiebere_48, FlyingTortilla_47, Gray_48, Hanem_48, Kabocha_49, Oogie_48, Pakusa_46, ScarletRaider_47, UBSmoodge_49,

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 1:

- Found in 10 of 10 (100.0%) of genes in pham
- Manual Annotations of this start: 4 of 4
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Alok_46 (DQ), Chidiebere_48 (DQ), FlyingTortilla_47 (DQ), Gray_48 (DQ), Hanem_48 (DQ), Kabocha_49 (DQ), Oogie_48 (DQ), Pakusa_46 (DQ), ScarletRaider_47 (DQ), UBSmoodge_49 (DQ),

Summary by clusters:

There is one cluster represented in this pham: DQ

Info for manual annotations of cluster DQ:

- Start number 1 was manually annotated 4 times for cluster DQ.

Gene Information:

Gene: Alok_i_46 Start: 33855, Stop: 34049, Start Num: 1

Candidate Starts for Alok_i_46:

(Start: 1 @33855 has 4 MA's), (2, 33879), (3, 33882), (4, 33897), (5, 33918), (6, 33927), (8, 34026),

Gene: Chidiebere_48 Start: 33855, Stop: 34049, Start Num: 1

Candidate Starts for Chidiebere_48:

(Start: 1 @33855 has 4 MA's), (2, 33879), (3, 33882), (4, 33897), (5, 33918), (6, 33927), (8, 34026),

Gene: FlyingTortilla_47 Start: 36708, Stop: 36905, Start Num: 1

Candidate Starts for FlyingTortilla_47:

(Start: 1 @36708 has 4 MA's), (2, 36732), (3, 36735), (4, 36750), (7, 36840),

Gene: Gray_48 Start: 33856, Stop: 34050, Start Num: 1

Candidate Starts for Gray_48:

(Start: 1 @33856 has 4 MA's), (2, 33880), (3, 33883), (4, 33898), (5, 33919), (6, 33928), (8, 34027),

Gene: Hanem_48 Start: 33855, Stop: 34049, Start Num: 1

Candidate Starts for Hanem_48:

(Start: 1 @33855 has 4 MA's), (2, 33879), (3, 33882), (4, 33897), (5, 33918), (6, 33927), (8, 34026),

Gene: Kabocha_49 Start: 34668, Stop: 34862, Start Num: 1

Candidate Starts for Kabocha_49:

(Start: 1 @34668 has 4 MA's), (2, 34692), (3, 34695), (4, 34710), (5, 34731), (6, 34740), (8, 34839),

Gene: Oogie_48 Start: 35561, Stop: 35755, Start Num: 1

Candidate Starts for Oogie_48:

(Start: 1 @35561 has 4 MA's), (2, 35585), (3, 35588), (4, 35603), (5, 35624), (6, 35633), (8, 35732),

Gene: Pakusa_46 Start: 33597, Stop: 33791, Start Num: 1

Candidate Starts for Pakusa_46:

(Start: 1 @33597 has 4 MA's), (2, 33621), (3, 33624), (4, 33639), (5, 33660), (6, 33669), (8, 33768),

Gene: ScarletRaider_47 Start: 36735, Stop: 36932, Start Num: 1

Candidate Starts for ScarletRaider_47:

(Start: 1 @36735 has 4 MA's), (2, 36759), (3, 36762), (4, 36777), (7, 36867),

Gene: UBSmoodge_49 Start: 36472, Stop: 36669, Start Num: 1

Candidate Starts for UBSmoodge_49:

(Start: 1 @36472 has 4 MA's), (2, 36496), (3, 36499), (4, 36514), (7, 36604),