Pham 106920

1: C3PO_61 + 1

2: Kimchi1738_62

3: Darwin_65 + 3

4: Stickynote_64

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 106920 Report

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

Pham number 106920 has 8 members, 0 are drafts.

Phages represented in each track:
• Track 1 : C3PO_61, Cruella_61
• Track 2 : Kimchi1738_62
• Track 3 : Darwin_65, PotatoChip_64, Zion_64, PeteyPab_63
• Track 4 : Stickynote_64

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 7 of the 8 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• C3PO_61, Cruella_61, Darwin_65, PeteyPab_63, PotatoChip_64, Stickynote_64, Zion_64,

Genes that have the "Most Annotated" start but do not call it:
• Kimchi1738_62,

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

Summary by start number:

Start 1:
• Found in 8 of 8 (100.0%) of genes in pham
• Manual Annotations of this start: 7 of 8
• Called 87.5% of time when present
• Phage (with cluster) where this start called: C3PO_61 (EN), Cruella_61 (EN), Darwin_65 (EN), PeteyPab_63 (EN), PotatoChip_64 (EN), Stickynote_64 (EN), Zion_64 (EN),

Start 2:
• Found in 8 of 8 (100.0%) of genes in pham
• Manual Annotations of this start: 1 of 8
• Called 12.5% of time when present

• Phage (with cluster) where this start called: Kimchi1738_62 (EN),

Summary by clusters:

There is one cluster represented in this pham: EN

Info for manual annotations of cluster EN:
•Start number 1 was manually annotated 7 times for cluster EN.
•Start number 2 was manually annotated 1 time for cluster EN.

Gene Information:

Gene: C3PO_61 Start: 47347, Stop: 46958, Start Num: 1
Candidate Starts for C3PO_61:
(Start: 1 @47347 has 7 MA's), (Start: 2 @47338 has 1 MA's), (3, 47320),

Gene: Cruella_61 Start: 47347, Stop: 46958, Start Num: 1
Candidate Starts for Cruella_61:
(Start: 1 @47347 has 7 MA's), (Start: 2 @47338 has 1 MA's), (3, 47320),

Gene: Darwin_65 Start: 47120, Stop: 46731, Start Num: 1
Candidate Starts for Darwin_65:
(Start: 1 @47120 has 7 MA's), (Start: 2 @47111 has 1 MA's), (3, 47093),

Gene: Kimchi1738_62 Start: 47315, Stop: 46926, Start Num: 2
Candidate Starts for Kimchi1738_62:
(Start: 1 @47324 has 7 MA's), (Start: 2 @47315 has 1 MA's), (3, 47297),

Gene: PeteyPab_63 Start: 47862, Stop: 47473, Start Num: 1
Candidate Starts for PeteyPab_63:
(Start: 1 @47862 has 7 MA's), (Start: 2 @47853 has 1 MA's), (3, 47835),

Gene: PotatoChip_64 Start: 47864, Stop: 47475, Start Num: 1
Candidate Starts for PotatoChip_64:
(Start: 1 @47864 has 7 MA's), (Start: 2 @47855 has 1 MA's), (3, 47837),

Gene: Stickynote_64 Start: 47868, Stop: 47479, Start Num: 1
Candidate Starts for Stickynote_64:
(Start: 1 @47868 has 7 MA's), (Start: 2 @47859 has 1 MA's), (3, 47841),

Gene: Zion_64 Start: 47862, Stop: 47473, Start Num: 1
Candidate Starts for Zion_64:
(Start: 1 @47862 has 7 MA's), (Start: 2 @47853 has 1 MA's), (3, 47835),