Pham 126059

1: PHappiness_40 + 7

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 126059 Report

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

Pham number 126059 has 8 members, 0 are drafts.

Phages represented in each track:
• Track 1 : PHappiness_40, BlueCrab_40, Ramsey_43, Nimbo_39, KingMidas_42, Geralt_40, Stap_41, OldBen_40

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

Genes that call this "Most Annotated" start:
• BlueCrab_40, Geralt_40, KingMidas_42, Nimbo_39, OldBen_40, PHappiness_40, Ramsey_43, Stap_41,

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 8 of 8 (100.0%) of genes in pham
• Manual Annotations of this start: 8 of 8
• Called 100.0% of time when present
• Phage (with cluster) where this start called: BlueCrab_40 (F1), Geralt_40 (F1), KingMidas_42 (F1), Nimbo_39 (F1), OldBen_40 (F1), PHappiness_40 (F1), Ramsey_43 (F1), Stap_41 (F1),

Summary by clusters:

There is one cluster represented in this pham: F1

Info for manual annotations of cluster F1:
•Start number 1 was manually annotated 8 times for cluster F1.

Gene Information:

Gene: BlueCrab_40 Start: 31298, Stop: 31086, Start Num: 1
Candidate Starts for BlueCrab_40:
(Start: 1 @31298 has 8 MA's), (2, 31211), (3, 31091),

Gene: Geralt_40 Start: 31131, Stop: 30919, Start Num: 1
Candidate Starts for Geralt_40:
(Start: 1 @31131 has 8 MA's), (2, 31044), (3, 30924),

Gene: KingMidas_42 Start: 32994, Stop: 32782, Start Num: 1
Candidate Starts for KingMidas_42:
(Start: 1 @32994 has 8 MA's), (2, 32907), (3, 32787),

Gene: Nimbo_39 Start: 31135, Stop: 30923, Start Num: 1
Candidate Starts for Nimbo_39:
(Start: 1 @31135 has 8 MA's), (2, 31048), (3, 30928),

Gene: OldBen_40 Start: 31166, Stop: 30954, Start Num: 1
Candidate Starts for OldBen_40:
(Start: 1 @31166 has 8 MA's), (2, 31079), (3, 30959),

Gene: PHappiness_40 Start: 31108, Stop: 30896, Start Num: 1
Candidate Starts for PHappiness_40:
(Start: 1 @31108 has 8 MA's), (2, 31021), (3, 30901),

Gene: Ramsey_43 Start: 31963, Stop: 31751, Start Num: 1
Candidate Starts for Ramsey_43:
(Start: 1 @31963 has 8 MA's), (2, 31876), (3, 31756),

Gene: Stap_41 Start: 31283, Stop: 31071, Start Num: 1
Candidate Starts for Stap_41:
(Start: 1 @31283 has 8 MA's), (2, 31196), (3, 31076),