Pham 8006

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 8006 Report

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

Pham number 8006 has 10 members, 1 are drafts.

Phages represented in each track:
• Track 1 : Persimmon_236, Liandry_233, PinkiePie_233, NootNoot_230, Paradiddles_225, Bartholomune_233, Squillium_236
• Track 2 : Bmoc_238
• Track 3 : EGole_238
• Track 4 : Anedea_244

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 9 of the 9 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Anedea_244, Bartholomune_233, Bmoc_238, EGole_238, Liandry_233, NootNoot_230, Paradiddles_225, Persimmon_236, PinkiePie_233, Squillium_236,

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: 9 of 9
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Anedea_244 (BE1), Bartholomune_233 (BE1), Bmoc_238 (BE1), EGole_238 (BE1), Liandry_233 (BE1), NootNoot_230 (BE1), Paradiddles_225 (BE1), Persimmon_236 (BE1), PinkiePie_233 (BE1), Squillium_236 (BE1),

Summary by clusters:

There is one cluster represented in this pham: BE1

Info for manual annotations of cluster BE1:
•Start number 1 was manually annotated 9 times for cluster BE1.

Gene Information:
Gene: Anedea_244 Start: 116971, Stop: 117207, Start Num: 1
Candidate Starts for Anedea_244:
(Start: 1 @116971 has 9 MA's), (2, 117013), (5, 117118),

Gene: Bartholomune_233 Start: 115174, Stop: 115410, Start Num: 1
Candidate Starts for Bartholomune_233:
(Start: 1 @115174 has 9 MA's), (3, 115234), (5, 115321),

Gene: Bmoc_238 Start: 115855, Stop: 116091, Start Num: 1
Candidate Starts for Bmoc_238:
(Start: 1 @115855 has 9 MA's), (5, 116002), (6, 116011), (7, 116026),

Gene: EGole_238 Start: 118360, Stop: 118596, Start Num: 1
Candidate Starts for EGole_238:
(Start: 1 @118360 has 9 MA's), (3, 118420), (4, 118441), (6, 118516), (7, 118531),

Gene: Liandry_233 Start: 115710, Stop: 115946, Start Num: 1
Candidate Starts for Liandry_233:
(Start: 1 @115710 has 9 MA's), (3, 115770), (5, 115857),

Gene: NootNoot_230 Start: 114555, Stop: 114791, Start Num: 1
Candidate Starts for NootNoot_230:
(Start: 1 @114555 has 9 MA's), (3, 114615), (5, 114702),

Gene: Paradiddles_225 Start: 116930, Stop: 117166, Start Num: 1
Candidate Starts for Paradiddles_225:
(Start: 1 @116930 has 9 MA's), (3, 116990), (5, 117077),

Gene: Persimmon_236 Start: 115043, Stop: 115279, Start Num: 1
Candidate Starts for Persimmon_236:
(Start: 1 @115043 has 9 MA's), (3, 115103), (5, 115190),

Gene: PinkiePie_233 Start: 115710, Stop: 115946, Start Num: 1
Candidate Starts for PinkiePie_233:
(Start: 1 @115710 has 9 MA's), (3, 115770), (5, 115857),

Gene: Squillium_236 Start: 115712, Stop: 115948, Start Num: 1
Candidate Starts for Squillium_236:
(Start: 1 @115712 has 9 MA's), (3, 115772), (5, 115859),