Pham 5216

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 5216 Report

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

Pham number 5216 has 12 members, 1 are drafts.

Phages represented in each track:
• Track 1 : Beem_236, EricMillard_230, Ejimix_224, KashFlow_225, JuicyJay_228, Hannaconda_223, Schatzie_225, Redno2_224, Bagrid_238, Zelink_226, Hughesyang_235, ThreeRngTarjay_232

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 11 of the 11 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Bagrid_238, Beem_236, Ejimix_224, EricMillard_230, Hannaconda_223, Hughesyang_235, JuicyJay_228, KashFlow_225, Redno2_224, Schatzie_225, ThreeRngTarjay_232, Zelink_226,

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 12 of 12 (100.0%) of genes in pham
• Manual Annotations of this start: 11 of 11
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Bagrid_238 (J), Beem_236 (J), Ejimix_224 (J), EricMillard_230 (J), Hannaconda_223 (J), Hughesyang_235 (J), JuicyJay_228 (J), KashFlow_225 (J), Redno2_224 (J), Schatzie_225 (J), ThreeRngTarjay_232 (J), Zelink_226 (J),

Summary by clusters:

There is one cluster represented in this pham: J

Info for manual annotations of cluster J:
•Start number 1 was manually annotated 11 times for cluster J.

Gene Information:

Gene: Bagrid_238 Start: 111073, Stop: 110933, Start Num: 1
Candidate Starts for Bagrid_238:
(Start: 1 @111073 has 11 MA's), (2, 111001), (3, 110950),

Gene: Beem_236 Start: 110192, Stop: 110052, Start Num: 1
Candidate Starts for Beem_236:
(Start: 1 @110192 has 11 MA's), (2, 110120), (3, 110069),

Gene: Ejimix_224 Start: 108435, Stop: 108295, Start Num: 1
Candidate Starts for Ejimix_224:
(Start: 1 @108435 has 11 MA's), (2, 108363), (3, 108312),

Gene: EricMillard_230 Start: 110279, Stop: 110139, Start Num: 1
Candidate Starts for EricMillard_230:
(Start: 1 @110279 has 11 MA's), (2, 110207), (3, 110156),

Gene: Hannaconda_223 Start: 108484, Stop: 108344, Start Num: 1
Candidate Starts for Hannaconda_223:
(Start: 1 @108484 has 11 MA's), (2, 108412), (3, 108361),

Gene: Hughesyang_235 Start: 110166, Stop: 110026, Start Num: 1
Candidate Starts for Hughesyang_235:
(Start: 1 @110166 has 11 MA's), (2, 110094), (3, 110043),

Gene: JuicyJay_228 Start: 110141, Stop: 110001, Start Num: 1
Candidate Starts for JuicyJay_228:
(Start: 1 @110141 has 11 MA's), (2, 110069), (3, 110018),

Gene: KashFlow_225 Start: 108378, Stop: 108238, Start Num: 1
Candidate Starts for KashFlow_225:
(Start: 1 @108378 has 11 MA's), (2, 108306), (3, 108255),

Gene: Redno2_224 Start: 105484, Stop: 105344, Start Num: 1
Candidate Starts for Redno2_224:
(Start: 1 @105484 has 11 MA's), (2, 105412), (3, 105361),

Gene: Schatzie_225 Start: 108405, Stop: 108265, Start Num: 1
Candidate Starts for Schatzie_225:
(Start: 1 @108405 has 11 MA's), (2, 108333), (3, 108282),

Gene: ThreeRngTarjay_232 Start: 110590, Stop: 110450, Start Num: 1
Candidate Starts for ThreeRngTarjay_232:
(Start: 1 @110590 has 11 MA's), (2, 110518), (3, 110467),

Gene: Zelink_226 Start: 108091, Stop: 107951, Start Num: 1

Candidate Starts for Zelink_226:
(Start: 1 @108091 has 11 MA's), (2, 108019), (3, 107968),