Pham 295261


2
3
6
1: Quenya_65
2
5
2: Eden_66
1
2
5
3: Gack_65
2
3
4
5
7
4: Brahms_65 + 6
2
3
5
5: Franklin22_68
2
3
4
5
7
6: Vitas_65

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 295261 Report

This analysis was run 04/18/26 on database version 643.

Pham number 295261 has 12 members, 0 are drafts.

Phages represented in each track:
• Track 1 : Quenya_65
• Track 2 : Eden_66
• Track 3 : Gack_65
• Track 4 : Brahms_65, Bernstein_65, Rollins_65, Armstrong_65, Clayda5_67, Coltrane_65, Skylord_65
• Track 5 : Franklin22_68
• Track 6 : Vitas_65

Summary of Final Annotations (See graph section above for start numbers):

The start number called the most often in the published annotations is 2, it was called in 12 of the 12 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Armstrong_65, Bernstein_65, Brahms_65, Clayda5_67, Coltrane_65, Eden_66, Franklin22_68, Gack_65, Quenya_65, Rollins_65, Skylord_65, Vitas_65,

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 2:
• Found in 12 of 12 (100.0%) of genes in pham
• Manual Annotations of this start: 12 of 12
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Armstrong_65 (EB), Bernstein_65 (EB), Brahms_65 (EB), Clayda5_67 (EB), Coltrane_65 (EB), Eden_66 (EB), Franklin22_68 (EB), Gack_65 (EB), Quenya_65 (EB), Rollins_65 (EB), Skylord_65 (EB), Vitas_65 (EB),

Summary by clusters:

There is one cluster represented in this pham: EB

Info for manual annotations of cluster EB:
•Start number 2 was manually annotated 12 times for cluster EB.

Gene Information:

Gene: Armstrong_65 Start: 38306, Stop: 38512, Start Num: 2
Candidate Starts for Armstrong_65:
(Start: 2 @38306 has 12 MA's), (3, 38414), (4, 38435), (5, 38456), (7, 38498),

Gene: Bernstein_65 Start: 38304, Stop: 38510, Start Num: 2
Candidate Starts for Bernstein_65:
(Start: 2 @38304 has 12 MA's), (3, 38412), (4, 38433), (5, 38454), (7, 38496),

Gene: Brahms_65 Start: 38206, Stop: 38412, Start Num: 2
Candidate Starts for Brahms_65:
(Start: 2 @38206 has 12 MA's), (3, 38314), (4, 38335), (5, 38356), (7, 38398),

Gene: Clayda5_67 Start: 38272, Stop: 38478, Start Num: 2
Candidate Starts for Clayda5_67:
(Start: 2 @38272 has 12 MA's), (3, 38380), (4, 38401), (5, 38422), (7, 38464),

Gene: Coltrane_65 Start: 38206, Stop: 38412, Start Num: 2
Candidate Starts for Coltrane_65:
(Start: 2 @38206 has 12 MA's), (3, 38314), (4, 38335), (5, 38356), (7, 38398),

Gene: Eden_66 Start: 39118, Stop: 39339, Start Num: 2
Candidate Starts for Eden_66:
(Start: 2 @39118 has 12 MA's), (5, 39271),

Gene: Franklin22_68 Start: 38842, Stop: 39054, Start Num: 2
Candidate Starts for Franklin22_68:
(Start: 2 @38842 has 12 MA's), (3, 38950), (5, 38995),

Gene: Gack_65 Start: 38747, Stop: 38944, Start Num: 2
Candidate Starts for Gack_65:
(1, 38459), (Start: 2 @38747 has 12 MA's), (5, 38897),

Gene: Quenya_65 Start: 40431, Stop: 40655, Start Num: 2
Candidate Starts for Quenya_65:
(Start: 2 @40431 has 12 MA's), (3, 40539), (6, 40614),

Gene: Rollins_65 Start: 38304, Stop: 38510, Start Num: 2
Candidate Starts for Rollins_65:
(Start: 2 @38304 has 12 MA's), (3, 38412), (4, 38433), (5, 38454), (7, 38496),

Gene: Skylord_65 Start: 38221, Stop: 38427, Start Num: 2
Candidate Starts for Skylord_65:

(Start: 2 @38221 has 12 MA's), (3, 38329), (4, 38350), (5, 38371), (7, 38413),

Gene: Vitas_65 Start: 38277, Stop: 38483, Start Num: 2
Candidate Starts for Vitas_65:
(Start: 2 @38277 has 12 MA's), (3, 38385), (4, 38406), (5, 38427), (7, 38469),