Pham 348262


4
5
1: Kela_265 + 1
1
4
10
11
2: Frankenweenie_286
2
3
4
6
9
11
3: Nirvana_283
3
4
7
10
11
14
4: Kradal_265 + 4
4
8
12
13
5: Ponzi_15

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 348262 Report

This analysis was run 11/14/26 on database version 672.

Pham number 348262 has 10 members, 0 are drafts.

Phages represented in each track:
• Track 1 : Kela_265, JustBecause_265
• Track 2 : Frankenweenie_286
• Track 3 : Nirvana_283
• Track 4 : Kradal_265, EhyElimayoE_268, Satis_265, Quantum_263, Sarkar_264
• Track 5 : Ponzi_15

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

The start number called the most often in the published annotations is 4, it was called in 10 of the 10 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• EhyElimayoE_268, Frankenweenie_286, JustBecause_265, Kela_265, Kradal_265, Nirvana_283, Ponzi_15, Quantum_263, Sarkar_264, Satis_265,

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 4:
• Found in 10 of 10 (100.0%) of genes in pham
• Manual Annotations of this start: 10 of 10
• Called 100.0% of time when present
• Phage (with cluster) where this start called: EhyElimayoE_268 (BM), Frankenweenie_286 (BM), JustBecause_265 (BM), Kela_265 (BM), Kradal_265 (BM), Nirvana_283 (BM), Ponzi_15 (singleton), Quantum_263 (BM), Sarkar_264 (BM), Satis_265 (BM),

Summary by clusters:

There are 2 clusters represented in this pham: BM, singleton,

Info for manual annotations of cluster BM:
•Start number 4 was manually annotated 9 times for cluster BM.

Gene Information:

Gene: EhyElimayoE_268 Start: 152644, Stop: 152447, Start Num: 4
Candidate Starts for EhyElimayoE_268:
(3, 152650), (Start: 4 @152644 has 10 MA's), (7, 152599), (10, 152512), (11, 152509), (14, 152455),

Gene: Frankenweenie_286 Start: 163785, Stop: 163588, Start Num: 4
Candidate Starts for Frankenweenie_286:
(1, 163899), (Start: 4 @163785 has 10 MA's), (10, 163653), (11, 163650),

Gene: JustBecause_265 Start: 149325, Stop: 149131, Start Num: 4
Candidate Starts for JustBecause_265:
(Start: 4 @149325 has 10 MA's), (5, 149310),

Gene: Kela_265 Start: 150929, Stop: 150735, Start Num: 4
Candidate Starts for Kela_265:
(Start: 4 @150929 has 10 MA's), (5, 150914),

Gene: Kradal_265 Start: 152641, Stop: 152444, Start Num: 4
Candidate Starts for Kradal_265:
(3, 152647), (Start: 4 @152641 has 10 MA's), (7, 152596), (10, 152509), (11, 152506), (14, 152452),

Gene: Nirvana_283 Start: 164233, Stop: 164039, Start Num: 4
Candidate Starts for Nirvana_283:
(2, 164284), (3, 164239), (Start: 4 @164233 has 10 MA's), (6, 164200), (9, 164137), (11, 164101),

Gene: Ponzi_15 Start: 10003, Stop: 9815, Start Num: 4
Candidate Starts for Ponzi_15:
(Start: 4 @10003 has 10 MA's), (8, 9928), (12, 9847), (13, 9826),

Gene: Quantum_263 Start: 152635, Stop: 152438, Start Num: 4
Candidate Starts for Quantum_263:
(3, 152641), (Start: 4 @152635 has 10 MA's), (7, 152590), (10, 152503), (11, 152500), (14, 152446),

Gene: Sarkar_264 Start: 152686, Stop: 152489, Start Num: 4
Candidate Starts for Sarkar_264:
(3, 152692), (Start: 4 @152686 has 10 MA's), (7, 152641), (10, 152554), (11, 152551), (14, 152497),

Gene: Satis_265 Start: 152978, Stop: 152781, Start Num: 4
Candidate Starts for Satis_265:
(3, 152984), (Start: 4 @152978 has 10 MA's), (7, 152933), (10, 152846), (11, 152843), (14, 152789),