



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 216501 Report

This analysis was run 02/22/25 on database version 588.

Pham number 216501 has 24 members, 2 are drafts.

Phages represented in each track:

- Track 1 : Emma1919_4
- Track 2 : Moab_3, Patelgo_4
- Track 3 : Beuffert_4
- Track 4 : Francob_3
- Track 5 : Kenrey_4, MeganTheeKilla_4, Jada_4, Gilson_4, Forrest_4, Phredrick_4
- Track 6 : Blueeyedbeauty_4, TunaTartare_4, Comrade_4, Sham_4, Stigma_4, Karp_4, SparkleGoddess_4, Westy_4
- Track 7 : SeresaTree_4, Faust_3
- Track 8 : Limpid_4, Annadreamy_4
- Track 9 : Belfort_4

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 22 of the 22 non-draft genes in the pham.

Genes that call this "Most Annotated" start:

- Annadreamy_4, Belfort_4, Beuffert_4, Blueeyedbeauty_4, Comrade_4, Emma1919_4, Faust_3, Forrest_4, Francob_3, Gilson_4, Jada_4, Karp_4, Kenrey_4, Limpid_4, MeganTheeKilla_4, Moab_3, Patelgo_4, Phredrick_4, SeresaTree_4, Sham_4, SparkleGoddess_4, Stigma_4, TunaTartare_4, Westy_4,

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 24 of 24 (100.0%) of genes in pham
- Manual Annotations of this start: 22 of 22
- Called 100.0% of time when present

- Phage (with cluster) where this start called: Annadreamy_4 (BK1), Belfort_4 (BK1), Beuffert_4 (BK1), Blueeyedbeauty_4 (BK1), Comrade_4 (BK1), Emma1919_4 (BK1), Faust_3 (BK1), Forrest_4 (BK1), Francob_3 (BK1), Gilson_4 (BK1), Jada_4 (BK1), Karp_4 (BK1), Kenrey_4 (BK1), Limpid_4 (BK1), MeganTheeKilla_4 (BK1), Moab_3 (BK1), Patelgo_4 (BK1), Phredrick_4 (BK1), SeresaTree_4 (BK1), Sham_4 (BK1), SparkleGoddess_4 (BK1), Stigma_4 (BK1), TunaTartare_4 (BK1), Westy_4 (BK1),

Summary by clusters:

There is one cluster represented in this pham: BK1

Info for manual annotations of cluster BK1:

- Start number 1 was manually annotated 22 times for cluster BK1.

Gene Information:

Gene: Annadreamy_4 Start: 1315, Stop: 1127, Start Num: 1

Candidate Starts for Annadreamy_4:

(Start: 1 @1315 has 22 MA's), (9, 1168),

Gene: Belfort_4 Start: 1266, Stop: 1075, Start Num: 1

Candidate Starts for Belfort_4:

(Start: 1 @1266 has 22 MA's), (10, 1113),

Gene: Beuffert_4 Start: 1390, Stop: 1199, Start Num: 1

Candidate Starts for Beuffert_4:

(Start: 1 @1390 has 22 MA's), (2, 1372), (5, 1339),

Gene: Blueeyedbeauty_4 Start: 1315, Stop: 1127, Start Num: 1

Candidate Starts for Blueeyedbeauty_4:

(Start: 1 @1315 has 22 MA's),

Gene: Comrade_4 Start: 1267, Stop: 1076, Start Num: 1

Candidate Starts for Comrade_4:

(Start: 1 @1267 has 22 MA's),

Gene: Emma1919_4 Start: 1277, Stop: 1089, Start Num: 1

Candidate Starts for Emma1919_4:

(Start: 1 @1277 has 22 MA's), (5, 1226), (7, 1172),

Gene: Faust_3 Start: 1407, Stop: 1213, Start Num: 1

Candidate Starts for Faust_3:

(Start: 1 @1407 has 22 MA's), (4, 1359), (8, 1299),

Gene: Forrest_4 Start: 1274, Stop: 1086, Start Num: 1

Candidate Starts for Forrest_4:

(Start: 1 @1274 has 22 MA's), (5, 1223), (7, 1169), (8, 1166),

Gene: Francob_3 Start: 1276, Stop: 1088, Start Num: 1

Candidate Starts for Francob_3:

(Start: 1 @1276 has 22 MA's), (3, 1246), (8, 1168),

Gene: Gilson_4 Start: 1274, Stop: 1086, Start Num: 1
Candidate Starts for Gilson_4:
(Start: 1 @1274 has 22 MA's), (5, 1223), (7, 1169), (8, 1166),

Gene: Jada_4 Start: 1274, Stop: 1086, Start Num: 1
Candidate Starts for Jada_4:
(Start: 1 @1274 has 22 MA's), (5, 1223), (7, 1169), (8, 1166),

Gene: Karp_4 Start: 1267, Stop: 1076, Start Num: 1
Candidate Starts for Karp_4:
(Start: 1 @1267 has 22 MA's),

Gene: Kenrey_4 Start: 1263, Stop: 1075, Start Num: 1
Candidate Starts for Kenrey_4:
(Start: 1 @1263 has 22 MA's), (5, 1212), (7, 1158), (8, 1155),

Gene: Limpid_4 Start: 1314, Stop: 1126, Start Num: 1
Candidate Starts for Limpid_4:
(Start: 1 @1314 has 22 MA's), (9, 1167),

Gene: MeganTheeKilla_4 Start: 1274, Stop: 1086, Start Num: 1
Candidate Starts for MeganTheeKilla_4:
(Start: 1 @1274 has 22 MA's), (5, 1223), (7, 1169), (8, 1166),

Gene: Moab_3 Start: 1225, Stop: 1037, Start Num: 1
Candidate Starts for Moab_3:
(Start: 1 @1225 has 22 MA's), (3, 1195), (6, 1123),

Gene: Patelgo_4 Start: 1225, Stop: 1037, Start Num: 1
Candidate Starts for Patelgo_4:
(Start: 1 @1225 has 22 MA's), (3, 1195), (6, 1123),

Gene: Phredrick_4 Start: 1274, Stop: 1086, Start Num: 1
Candidate Starts for Phredrick_4:
(Start: 1 @1274 has 22 MA's), (5, 1223), (7, 1169), (8, 1166),

Gene: SeresaTree_4 Start: 1407, Stop: 1213, Start Num: 1
Candidate Starts for SeresaTree_4:
(Start: 1 @1407 has 22 MA's), (4, 1359), (8, 1299),

Gene: Sham_4 Start: 1406, Stop: 1215, Start Num: 1
Candidate Starts for Sham_4:
(Start: 1 @1406 has 22 MA's),

Gene: SparkleGoddess_4 Start: 1263, Stop: 1072, Start Num: 1
Candidate Starts for SparkleGoddess_4:
(Start: 1 @1263 has 22 MA's),

Gene: Stigma_4 Start: 1267, Stop: 1076, Start Num: 1
Candidate Starts for Stigma_4:
(Start: 1 @1267 has 22 MA's),

Gene: TunaTartare_4 Start: 1388, Stop: 1197, Start Num: 1
Candidate Starts for TunaTartare_4:
(Start: 1 @1388 has 22 MA's),

Gene: Westy_4 Start: 1267, Stop: 1076, Start Num: 1
Candidate Starts for Westy_4:
(Start: 1 @1267 has 22 MA's),