



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 305424 Report

This analysis was run 06/08/26 on database version 649.

Pham number 305424 has 13 members, 1 are drafts.

Phages represented in each track:

- Track 1 : Brent_74, Franzy_72, Jawnski_73, King2_73
- Track 2 : Beans_73, Piccoletto_74, NathanVaag_73
- Track 3 : StevieBAY_79, BigDome_79, GravityBall_78, BarretLemon_79, Timinator_79, LeeroyJ_79

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 12 of the 12 non-draft genes in the pham.

Genes that call this "Most Annotated" start:

- BarretLemon_79, Beans_73, BigDome_79, Brent_74, Franzy_72, GravityBall_78, Jawnski_73, King2_73, LeeroyJ_79, NathanVaag_73, Piccoletto_74, StevieBAY_79, Timinator_79,

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 13 of 13 (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: BarretLemon_79 (AO2), Beans_73 (AO1), BigDome_79 (AO2), Brent_74 (AO1), Franzy_72 (AO1), GravityBall_78 (AO2), Jawnski_73 (AO1), King2_73 (AO1), LeeroyJ_79 (AO2), NathanVaag_73 (AO1), Piccoletto_74 (AO1), StevieBAY_79 (AO2), Timinator_79 (AO2),

Summary by clusters:

There are 2 clusters represented in this pham: AO2, AO1,

Info for manual annotations of cluster AO1:

•Start number 1 was manually annotated 7 times for cluster AO1.

Info for manual annotations of cluster AO2:

•Start number 1 was manually annotated 5 times for cluster AO2.

Gene Information:

Gene: BarretLemon_79 Start: 51240, Stop: 51007, Start Num: 1

Candidate Starts for BarretLemon_79:

(Start: 1 @51240 has 12 MA's), (2, 51144), (3, 51111), (5, 51024), (6, 51012),

Gene: Beans_73 Start: 49721, Stop: 49500, Start Num: 1

Candidate Starts for Beans_73:

(Start: 1 @49721 has 12 MA's), (2, 49634), (4, 49577),

Gene: BigDome_79 Start: 51034, Stop: 50801, Start Num: 1

Candidate Starts for BigDome_79:

(Start: 1 @51034 has 12 MA's), (2, 50938), (3, 50905), (5, 50818), (6, 50806),

Gene: Brent_74 Start: 49803, Stop: 49582, Start Num: 1

Candidate Starts for Brent_74:

(Start: 1 @49803 has 12 MA's), (4, 49659),

Gene: Franzy_72 Start: 49900, Stop: 49679, Start Num: 1

Candidate Starts for Franzy_72:

(Start: 1 @49900 has 12 MA's), (4, 49756),

Gene: GravityBall_78 Start: 51050, Stop: 50817, Start Num: 1

Candidate Starts for GravityBall_78:

(Start: 1 @51050 has 12 MA's), (2, 50954), (3, 50921), (5, 50834), (6, 50822),

Gene: Jawnski_73 Start: 49343, Stop: 49122, Start Num: 1

Candidate Starts for Jawnski_73:

(Start: 1 @49343 has 12 MA's), (4, 49199),

Gene: King2_73 Start: 50270, Stop: 50049, Start Num: 1

Candidate Starts for King2_73:

(Start: 1 @50270 has 12 MA's), (4, 50126),

Gene: LeeroyJ_79 Start: 50975, Stop: 50742, Start Num: 1

Candidate Starts for LeeroyJ_79:

(Start: 1 @50975 has 12 MA's), (2, 50879), (3, 50846), (5, 50759), (6, 50747),

Gene: NathanVaag_73 Start: 49568, Stop: 49347, Start Num: 1

Candidate Starts for NathanVaag_73:

(Start: 1 @49568 has 12 MA's), (2, 49481), (4, 49424),

Gene: Piccoletto_74 Start: 49731, Stop: 49510, Start Num: 1

Candidate Starts for Piccoletto_74:

(Start: 1 @49731 has 12 MA's), (2, 49644), (4, 49587),

Gene: StevieBAY_79 Start: 51269, Stop: 51036, Start Num: 1

Candidate Starts for StevieBAY_79:

(Start: 1 @51269 has 12 MA's), (2, 51173), (3, 51140), (5, 51053), (6, 51041),

Gene: Timinator_79 Start: 51088, Stop: 50855, Start Num: 1

Candidate Starts for Timinator_79:

(Start: 1 @51088 has 12 MA's), (2, 50992), (3, 50959), (5, 50872), (6, 50860),