



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 86991 Report

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

Pham number 86991 has 15 members, 1 are drafts.

Phages represented in each track:

- Track 1 : Raela_15, Gattaca_14, RedRaider77_15, Tesla_14, Clarkson_16, Huphlepuuff_16, Corazon_14, Pringar_14, Blackbeetle_15, Poise_15, VasuNzinga_13, Marvin_14, MosMoris_14, Caprice_12, JoieB_15

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 14 of the 14 non-draft genes in the pham.

Genes that call this "Most Annotated" start:

- Blackbeetle_15, Caprice_12, Clarkson_16, Corazon_14, Gattaca_14, Huphlepuuff_16, JoieB_15, Marvin_14, MosMoris_14, Poise_15, Pringar_14, Raela_15, RedRaider77_15, Tesla_14, VasuNzinga_13,

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 15 of 15 (100.0%) of genes in pham
- Manual Annotations of this start: 14 of 14
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Blackbeetle_15 (S), Caprice_12 (S), Clarkson_16 (S), Corazon_14 (S), Gattaca_14 (S), Huphlepuuff_16 (S), JoieB_15 (S), Marvin_14 (S), MosMoris_14 (S), Poise_15 (S), Pringar_14 (S), Raela_15 (S), RedRaider77_15 (S), Tesla_14 (S), VasuNzinga_13 (S),

Summary by clusters:

There is one cluster represented in this pham: S

Info for manual annotations of cluster S:

- Start number 1 was manually annotated 14 times for cluster S.

Gene Information:

Gene: Blackbeetle_15 Start: 4472, Stop: 4708, Start Num: 1

Candidate Starts for Blackbeetle_15:

(Start: 1 @4472 has 14 MA's), (2, 4571), (3, 4574), (4, 4676),

Gene: Caprice_12 Start: 3788, Stop: 4024, Start Num: 1

Candidate Starts for Caprice_12:

(Start: 1 @3788 has 14 MA's), (2, 3887), (3, 3890), (4, 3992),

Gene: Clarkson_16 Start: 4918, Stop: 5154, Start Num: 1

Candidate Starts for Clarkson_16:

(Start: 1 @4918 has 14 MA's), (2, 5017), (3, 5020), (4, 5122),

Gene: Corazon_14 Start: 4871, Stop: 5107, Start Num: 1

Candidate Starts for Corazon_14:

(Start: 1 @4871 has 14 MA's), (2, 4970), (3, 4973), (4, 5075),

Gene: Gattaca_14 Start: 4361, Stop: 4597, Start Num: 1

Candidate Starts for Gattaca_14:

(Start: 1 @4361 has 14 MA's), (2, 4460), (3, 4463), (4, 4565),

Gene: Huphlebuff_16 Start: 4648, Stop: 4884, Start Num: 1

Candidate Starts for Huphlebuff_16:

(Start: 1 @4648 has 14 MA's), (2, 4747), (3, 4750), (4, 4852),

Gene: JoieB_15 Start: 4867, Stop: 5103, Start Num: 1

Candidate Starts for JoieB_15:

(Start: 1 @4867 has 14 MA's), (2, 4966), (3, 4969), (4, 5071),

Gene: Marvin_14 Start: 4843, Stop: 5079, Start Num: 1

Candidate Starts for Marvin_14:

(Start: 1 @4843 has 14 MA's), (2, 4942), (3, 4945), (4, 5047),

Gene: MosMoris_14 Start: 4361, Stop: 4597, Start Num: 1

Candidate Starts for MosMoris_14:

(Start: 1 @4361 has 14 MA's), (2, 4460), (3, 4463), (4, 4565),

Gene: Poise_15 Start: 4472, Stop: 4708, Start Num: 1

Candidate Starts for Poise_15:

(Start: 1 @4472 has 14 MA's), (2, 4571), (3, 4574), (4, 4676),

Gene: Pringar_14 Start: 4473, Stop: 4709, Start Num: 1

Candidate Starts for Pringar_14:

(Start: 1 @4473 has 14 MA's), (2, 4572), (3, 4575), (4, 4677),

Gene: Raela_15 Start: 5027, Stop: 5263, Start Num: 1

Candidate Starts for Raela_15:

(Start: 1 @5027 has 14 MA's), (2, 5126), (3, 5129), (4, 5231),

Gene: RedRaider77_15 Start: 4632, Stop: 4868, Start Num: 1

Candidate Starts for RedRaider77_15:

(Start: 1 @4632 has 14 MA's), (2, 4731), (3, 4734), (4, 4836),

Gene: Tesla_14 Start: 4463, Stop: 4699, Start Num: 1

Candidate Starts for Tesla_14:

(Start: 1 @4463 has 14 MA's), (2, 4562), (3, 4565), (4, 4667),

Gene: VasuNzinga_13 Start: 4050, Stop: 4286, Start Num: 1

Candidate Starts for VasuNzinga_13:

(Start: 1 @4050 has 14 MA's), (2, 4149), (3, 4152), (4, 4254),