



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 196810 Report

This analysis was run 12/09/24 on database version 580.

Pham number 196810 has 22 members, 1 are drafts.

Phages represented in each track:

- Track 1 : Nebulosus_21, LastResort_21, Epsocamisio_21, Anaysia_21, ReMo_21, Strosahl_21, Oofda_22, Looper_22, KatherineG_21, JSwag_21, Waits_21, Rosalind_21, Boohoo_21, MinecraftSteve_22, DekHockey33_21, Soups_21, ShayRa_22, Remus_21, Battleship_22
- Track 2 : Anon_19
- Track 3 : Nedarya_20
- Track 4 : Switzerland_21

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 21 of the 21 non-draft genes in the pham.

Genes that call this "Most Annotated" start:

- Anaysia_21, Anon_19, Battleship_22, Boohoo_21, DekHockey33_21, Epsocamisio_21, JSwag_21, KatherineG_21, LastResort_21, Looper_22, MinecraftSteve_22, Nebulosus_21, Nedarya_20, Oofda_22, ReMo_21, Remus_21, Rosalind_21, ShayRa_22, Soups_21, Strosahl_21, Switzerland_21, Waits_21,

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 22 of 22 (100.0%) of genes in pham
- Manual Annotations of this start: 21 of 21
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Anaysia_21 (A15), Anon_19 (A15), Battleship_22 (A15), Boohoo_21 (A15), DekHockey33_21 (A15), Epsocamisio_21 (A15), JSwag_21 (A15), KatherineG_21 (A15), LastResort_21 (A15), Looper_22

(A15), MinecraftSteve_22 (A15), Nebulosus_21 (A15), Nedarya_20 (A15), Oofda_22 (A15), ReMo_21 (A15), Remus_21 (A15), Rosalind_21 (A15), ShayRa_22 (A15), Soups_21 (A15), Strosahl_21 (A15), Switzerland_21 (A15), Waits_21 (A15),

Summary by clusters:

There is one cluster represented in this pham: A15

Info for manual annotations of cluster A15:

•Start number 2 was manually annotated 21 times for cluster A15.

Gene Information:

Gene: Anaysia_21 Start: 12864, Stop: 13061, Start Num: 2

Candidate Starts for Anaysia_21:

(1, 12795), (Start: 2 @12864 has 21 MA's), (3, 12885), (4, 12969),

Gene: Anon_19 Start: 13210, Stop: 13380, Start Num: 2

Candidate Starts for Anon_19:

(1, 13141), (Start: 2 @13210 has 21 MA's), (3, 13231), (5, 13336),

Gene: Battleship_22 Start: 12979, Stop: 13176, Start Num: 2

Candidate Starts for Battleship_22:

(1, 12910), (Start: 2 @12979 has 21 MA's), (3, 13000), (4, 13084),

Gene: Boohoo_21 Start: 12864, Stop: 13061, Start Num: 2

Candidate Starts for Boohoo_21:

(1, 12795), (Start: 2 @12864 has 21 MA's), (3, 12885), (4, 12969),

Gene: DekHockey33_21 Start: 12986, Stop: 13183, Start Num: 2

Candidate Starts for DekHockey33_21:

(1, 12917), (Start: 2 @12986 has 21 MA's), (3, 13007), (4, 13091),

Gene: Epsocamisio_21 Start: 12864, Stop: 13061, Start Num: 2

Candidate Starts for Epsocamisio_21:

(1, 12795), (Start: 2 @12864 has 21 MA's), (3, 12885), (4, 12969),

Gene: JSwag_21 Start: 12850, Stop: 13047, Start Num: 2

Candidate Starts for JSwag_21:

(1, 12781), (Start: 2 @12850 has 21 MA's), (3, 12871), (4, 12955),

Gene: KatherineG_21 Start: 12986, Stop: 13183, Start Num: 2

Candidate Starts for KatherineG_21:

(1, 12917), (Start: 2 @12986 has 21 MA's), (3, 13007), (4, 13091),

Gene: LastResort_21 Start: 12864, Stop: 13061, Start Num: 2

Candidate Starts for LastResort_21:

(1, 12795), (Start: 2 @12864 has 21 MA's), (3, 12885), (4, 12969),

Gene: Looper_22 Start: 12864, Stop: 13061, Start Num: 2

Candidate Starts for Looper_22:

(1, 12795), (Start: 2 @12864 has 21 MA's), (3, 12885), (4, 12969),

Gene: MinecraftSteve_22 Start: 12986, Stop: 13183, Start Num: 2

Candidate Starts for MinecraftSteve_22:

(1, 12917), (Start: 2 @12986 has 21 MA's), (3, 13007), (4, 13091),

Gene: Nebulosus_21 Start: 12864, Stop: 13061, Start Num: 2

Candidate Starts for Nebulosus_21:

(1, 12795), (Start: 2 @12864 has 21 MA's), (3, 12885), (4, 12969),

Gene: Nedarya_20 Start: 13453, Stop: 13650, Start Num: 2

Candidate Starts for Nedarya_20:

(1, 13384), (Start: 2 @13453 has 21 MA's), (6, 13588),

Gene: Oofda_22 Start: 12835, Stop: 13032, Start Num: 2

Candidate Starts for Oofda_22:

(1, 12766), (Start: 2 @12835 has 21 MA's), (3, 12856), (4, 12940),

Gene: ReMo_21 Start: 12864, Stop: 13061, Start Num: 2

Candidate Starts for ReMo_21:

(1, 12795), (Start: 2 @12864 has 21 MA's), (3, 12885), (4, 12969),

Gene: Remus_21 Start: 12825, Stop: 13022, Start Num: 2

Candidate Starts for Remus_21:

(1, 12756), (Start: 2 @12825 has 21 MA's), (3, 12846), (4, 12930),

Gene: Rosalind_21 Start: 12986, Stop: 13183, Start Num: 2

Candidate Starts for Rosalind_21:

(1, 12917), (Start: 2 @12986 has 21 MA's), (3, 13007), (4, 13091),

Gene: ShayRa_22 Start: 12986, Stop: 13183, Start Num: 2

Candidate Starts for ShayRa_22:

(1, 12917), (Start: 2 @12986 has 21 MA's), (3, 13007), (4, 13091),

Gene: Soups_21 Start: 12986, Stop: 13183, Start Num: 2

Candidate Starts for Soups_21:

(1, 12917), (Start: 2 @12986 has 21 MA's), (3, 13007), (4, 13091),

Gene: Strosahl_21 Start: 12825, Stop: 13022, Start Num: 2

Candidate Starts for Strosahl_21:

(1, 12756), (Start: 2 @12825 has 21 MA's), (3, 12846), (4, 12930),

Gene: Switzerland_21 Start: 12979, Stop: 13176, Start Num: 2

Candidate Starts for Switzerland_21:

(1, 12910), (Start: 2 @12979 has 21 MA's), (3, 13000), (4, 13084),

Gene: Waits_21 Start: 12831, Stop: 13028, Start Num: 2

Candidate Starts for Waits_21:

(1, 12762), (Start: 2 @12831 has 21 MA's), (3, 12852), (4, 12936),