



1: Waits_46 + 17

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 4355 Report

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

Pham number 4355 has 18 members, 1 are drafts.

Phages represented in each track:

- Track 1 : Waits_46, Boohoo_46, ShayRa_47, Anaysia_46, Oofda_47, Switzerland_46, Nebulosus_45, Battleship_47, DekHockey33_46, ReMo_45, Soups_46, LastResort_45, Looper_46, Epsocamisio_45, JSwag_45, Rosalind_45, MinecraftSteve_47, KatherineG_47

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 17 of the 17 non-draft genes in the pham.

Genes that call this "Most Annotated" start:

- Anaysia_46, Battleship_47, Boohoo_46, DekHockey33_46, Epsocamisio_45, JSwag_45, KatherineG_47, LastResort_45, Looper_46, MinecraftSteve_47, Nebulosus_45, Oofda_47, ReMo_45, Rosalind_45, ShayRa_47, Soups_46, Switzerland_46, Waits_46,

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 18 of 18 (100.0%) of genes in pham
- Manual Annotations of this start: 17 of 17
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Anaysia_46 (A15), Battleship_47 (A15), Boohoo_46 (A15), DekHockey33_46 (A15), Epsocamisio_45 (A15), JSwag_45 (A15), KatherineG_47 (A15), LastResort_45 (A15), Looper_46 (A15), MinecraftSteve_47 (A15), Nebulosus_45 (A15), Oofda_47 (A15), ReMo_45 (A15), Rosalind_45 (A15), ShayRa_47 (A15), Soups_46 (A15), Switzerland_46 (A15), Waits_46 (A15),

Summary by clusters:

There is one cluster represented in this pham: A15

Info for manual annotations of cluster A15:

- Start number 1 was manually annotated 17 times for cluster A15.

Gene Information:

Gene: Anaysia_46 Start: 28163, Stop: 27708, Start Num: 1

Candidate Starts for Anaysia_46:

(Start: 1 @28163 has 17 MA's),

Gene: Battleship_47 Start: 28132, Stop: 27677, Start Num: 1

Candidate Starts for Battleship_47:

(Start: 1 @28132 has 17 MA's),

Gene: Boohoo_46 Start: 28163, Stop: 27708, Start Num: 1

Candidate Starts for Boohoo_46:

(Start: 1 @28163 has 17 MA's),

Gene: DekHockey33_46 Start: 28378, Stop: 27923, Start Num: 1

Candidate Starts for DekHockey33_46:

(Start: 1 @28378 has 17 MA's),

Gene: Epsocamisio_45 Start: 27937, Stop: 27482, Start Num: 1

Candidate Starts for Epsocamisio_45:

(Start: 1 @27937 has 17 MA's),

Gene: JSwag_45 Start: 27875, Stop: 27420, Start Num: 1

Candidate Starts for JSwag_45:

(Start: 1 @27875 has 17 MA's),

Gene: KatherineG_47 Start: 28378, Stop: 27923, Start Num: 1

Candidate Starts for KatherineG_47:

(Start: 1 @28378 has 17 MA's),

Gene: LastResort_45 Start: 27939, Stop: 27484, Start Num: 1

Candidate Starts for LastResort_45:

(Start: 1 @27939 has 17 MA's),

Gene: Looper_46 Start: 27916, Stop: 27461, Start Num: 1

Candidate Starts for Looper_46:

(Start: 1 @27916 has 17 MA's),

Gene: MinecraftSteve_47 Start: 28139, Stop: 27684, Start Num: 1

Candidate Starts for MinecraftSteve_47:

(Start: 1 @28139 has 17 MA's),

Gene: Nebulosus_45 Start: 27935, Stop: 27480, Start Num: 1

Candidate Starts for Nebulosus_45:

(Start: 1 @27935 has 17 MA's),

Gene: Oofda_47 Start: 28030, Stop: 27584, Start Num: 1

Candidate Starts for Oofda_47:

(Start: 1 @28030 has 17 MA's),

Gene: ReMo_45 Start: 27936, Stop: 27481, Start Num: 1

Candidate Starts for ReMo_45:

(Start: 1 @27936 has 17 MA's),

Gene: Rosalind_45 Start: 28058, Stop: 27603, Start Num: 1

Candidate Starts for Rosalind_45:

(Start: 1 @28058 has 17 MA's),

Gene: ShayRa_47 Start: 28140, Stop: 27685, Start Num: 1

Candidate Starts for ShayRa_47:

(Start: 1 @28140 has 17 MA's),

Gene: Soups_46 Start: 28139, Stop: 27684, Start Num: 1

Candidate Starts for Soups_46:

(Start: 1 @28139 has 17 MA's),

Gene: Switzerland_46 Start: 28238, Stop: 27783, Start Num: 1

Candidate Starts for Switzerland_46:

(Start: 1 @28238 has 17 MA's),

Gene: Waits_46 Start: 28027, Stop: 27581, Start Num: 1

Candidate Starts for Waits_46:

(Start: 1 @28027 has 17 MA's),