



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 305315 Report

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

Pham number 305315 has 22 members, 1 are drafts.

Phages represented in each track:

- Track 1 : Phlei_36
- Track 2 : Boohoo_50, Waits_49, DekHockey33_50, Switzerland_49, MinecraftSteve_50, KatherineG_51, Soups_50, Rosalind_48, Warrior24_50, ShayRa_51, Battleship_50, JSwag_48, Remus_49, Anaysia_50, LastResort_49, Epsocamisio_48, Oofda_49, Strosahl_49, Looper_50, ReMo_49, Nebulosus_49

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_50, Battleship_50, Boohoo_50, DekHockey33_50, Epsocamisio_48, JSwag_48, KatherineG_51, LastResort_49, Looper_50, MinecraftSteve_50, Nebulosus_49, Oofda_49, Phlei_36, ReMo_49, Remus_49, Rosalind_48, ShayRa_51, Soups_50, Strosahl_49, Switzerland_49, Waits_49, Warrior24_50,

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_50 (A15), Battleship_50 (A15), Boohoo_50 (A15), DekHockey33_50 (A15), Epsocamisio_48 (A15), JSwag_48 (A15), KatherineG_51 (A15), LastResort_49 (A15), Looper_50 (A15), MinecraftSteve_50 (A15), Nebulosus_49 (A15), Oofda_49 (A15), Phlei_36 (A13), ReMo_49 (A15), Remus_49 (A15), Rosalind_48 (A15), ShayRa_51 (A15), Soups_50 (A15),

Strosahl_49 (A15), Switzerland_49 (A15), Waits_49 (A15), Warrior24_50 (A15),

Summary by clusters:

There are 2 clusters represented in this pham: A15, A13,

Info for manual annotations of cluster A15:

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

Gene Information:

Gene: Anaysia_50 Start: 30853, Stop: 30560, Start Num: 2

Candidate Starts for Anaysia_50:

(Start: 2 @30853 has 21 MA's), (5, 30736), (6, 30643),

Gene: Battleship_50 Start: 30586, Stop: 30293, Start Num: 2

Candidate Starts for Battleship_50:

(Start: 2 @30586 has 21 MA's), (5, 30469), (6, 30376),

Gene: Boohoo_50 Start: 30853, Stop: 30560, Start Num: 2

Candidate Starts for Boohoo_50:

(Start: 2 @30853 has 21 MA's), (5, 30736), (6, 30643),

Gene: DekHockey33_50 Start: 31068, Stop: 30775, Start Num: 2

Candidate Starts for DekHockey33_50:

(Start: 2 @31068 has 21 MA's), (5, 30951), (6, 30858),

Gene: Epsocamisio_48 Start: 30391, Stop: 30098, Start Num: 2

Candidate Starts for Epsocamisio_48:

(Start: 2 @30391 has 21 MA's), (5, 30274), (6, 30181),

Gene: JSwag_48 Start: 30329, Stop: 30036, Start Num: 2

Candidate Starts for JSwag_48:

(Start: 2 @30329 has 21 MA's), (5, 30212), (6, 30119),

Gene: KatherineG_51 Start: 31068, Stop: 30775, Start Num: 2

Candidate Starts for KatherineG_51:

(Start: 2 @31068 has 21 MA's), (5, 30951), (6, 30858),

Gene: LastResort_49 Start: 30629, Stop: 30336, Start Num: 2

Candidate Starts for LastResort_49:

(Start: 2 @30629 has 21 MA's), (5, 30512), (6, 30419),

Gene: Looper_50 Start: 30606, Stop: 30313, Start Num: 2

Candidate Starts for Looper_50:

(Start: 2 @30606 has 21 MA's), (5, 30489), (6, 30396),

Gene: MinecraftSteve_50 Start: 30593, Stop: 30300, Start Num: 2

Candidate Starts for MinecraftSteve_50:

(Start: 2 @30593 has 21 MA's), (5, 30476), (6, 30383),

Gene: Nebulosus_49 Start: 30625, Stop: 30332, Start Num: 2

Candidate Starts for Nebulosus_49:

(Start: 2 @30625 has 21 MA's), (5, 30508), (6, 30415),

Gene: Oofda_49 Start: 30484, Stop: 30191, Start Num: 2

Candidate Starts for Oofda_49:

(Start: 2 @30484 has 21 MA's), (5, 30367), (6, 30274),

Gene: Phlei_36 Start: 31613, Stop: 31308, Start Num: 2

Candidate Starts for Phlei_36:

(1, 31628), (Start: 2 @31613 has 21 MA's), (3, 31559), (4, 31541), (5, 31487), (7, 31319),

Gene: ReMo_49 Start: 30626, Stop: 30333, Start Num: 2

Candidate Starts for ReMo_49:

(Start: 2 @30626 has 21 MA's), (5, 30509), (6, 30416),

Gene: Remus_49 Start: 30309, Stop: 30016, Start Num: 2

Candidate Starts for Remus_49:

(Start: 2 @30309 has 21 MA's), (5, 30192), (6, 30099),

Gene: Rosalind_48 Start: 30512, Stop: 30219, Start Num: 2

Candidate Starts for Rosalind_48:

(Start: 2 @30512 has 21 MA's), (5, 30395), (6, 30302),

Gene: ShayRa_51 Start: 30830, Stop: 30537, Start Num: 2

Candidate Starts for ShayRa_51:

(Start: 2 @30830 has 21 MA's), (5, 30713), (6, 30620),

Gene: Soups_50 Start: 30829, Stop: 30536, Start Num: 2

Candidate Starts for Soups_50:

(Start: 2 @30829 has 21 MA's), (5, 30712), (6, 30619),

Gene: Strosahl_49 Start: 30309, Stop: 30016, Start Num: 2

Candidate Starts for Strosahl_49:

(Start: 2 @30309 has 21 MA's), (5, 30192), (6, 30099),

Gene: Switzerland_49 Start: 30692, Stop: 30399, Start Num: 2

Candidate Starts for Switzerland_49:

(Start: 2 @30692 has 21 MA's), (5, 30575), (6, 30482),

Gene: Waits_49 Start: 30481, Stop: 30188, Start Num: 2

Candidate Starts for Waits_49:

(Start: 2 @30481 has 21 MA's), (5, 30364), (6, 30271),

Gene: Warrior24_50 Start: 30688, Stop: 30395, Start Num: 2

Candidate Starts for Warrior24_50:

(Start: 2 @30688 has 21 MA's), (5, 30571), (6, 30478),