Pham 302009


1
2
6
7
8
9
10
1: GTE2_34
2
3
4
5
8
2: Cozz_40 + 2
2
3
4
5
7
8
3: Burnsey_42 + 1
1
2
5
6
8
9
4: Yummy_44 + 1
1
2
6
8
9
5: SweatNTears_43

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 302009 Report

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

Pham number 302009 has 9 members, 1 are drafts.

Phages represented in each track:
- Track 1 : GTE2_34
- Track 2 : Cozz_40, Agatha_42, Nina_41
- Track 3 : Burnsey_42, Bubble_40
- Track 4 : Yummy_44, Horseradish_44
- Track 5 : SweatNTears_43

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 8 of the 8 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
- Agatha_42, Bubble_40, Burnsey_42, Cozz_40, GTE2_34, Horseradish_44, Nina_41, SweatNTears_43, Yummy_44,

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 9 of 9 (100.0%) of genes in pham
- Manual Annotations of this start: 8 of 8
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Agatha_42 (CT), Bubble_40 (CT), Burnsey_42 (CT), Cozz_40 (CT), GTE2_34 (CT), Horseradish_44 (CT), Nina_41 (CT), SweatNTears_43 (CT), Yummy_44 (CT),

Summary by clusters:

There is one cluster represented in this pham: CT

Info for manual annotations of cluster CT:
- Start number 2 was manually annotated 8 times for cluster CT.

Gene Information:

Gene: Agatha_42 Start: 30164, Stop: 29784, Start Num: 2
Candidate Starts for Agatha_42:
(Start: 2 @30164 has 8 MA's), (3, 30086), (4, 30062), (5, 30047), (8, 29951),

Gene: Bubble_40 Start: 29751, Stop: 29371, Start Num: 2
Candidate Starts for Bubble_40:
(Start: 2 @29751 has 8 MA's), (3, 29673), (4, 29649), (5, 29634), (7, 29547), (8, 29538),

Gene: Burnsey_42 Start: 30155, Stop: 29775, Start Num: 2
Candidate Starts for Burnsey_42:
(Start: 2 @30155 has 8 MA's), (3, 30077), (4, 30053), (5, 30038), (7, 29951), (8, 29942),

Gene: Cozz_40 Start: 29752, Stop: 29372, Start Num: 2
Candidate Starts for Cozz_40:
(Start: 2 @29752 has 8 MA's), (3, 29674), (4, 29650), (5, 29635), (8, 29539),

Gene: GTE2_34 Start: 29826, Stop: 29443, Start Num: 2
Candidate Starts for GTE2_34:
(1, 29847), (Start: 2 @29826 has 8 MA's), (6, 29670), (7, 29622), (8, 29613), (9, 29604), (10, 29460),

Gene: Horseradish_44 Start: 30061, Stop: 29678, Start Num: 2
Candidate Starts for Horseradish_44:
(1, 30082), (Start: 2 @30061 has 8 MA's), (5, 29944), (6, 29905), (8, 29848), (9, 29839),

Gene: Nina_41 Start: 30288, Stop: 29908, Start Num: 2
Candidate Starts for Nina_41:
(Start: 2 @30288 has 8 MA's), (3, 30210), (4, 30186), (5, 30171), (8, 30075),

Gene: SweatNTears_43 Start: 30064, Stop: 29681, Start Num: 2
Candidate Starts for SweatNTears_43:
(1, 30085), (Start: 2 @30064 has 8 MA's), (6, 29908), (8, 29851), (9, 29842),

Gene: Yummy_44 Start: 30175, Stop: 29792, Start Num: 2
Candidate Starts for Yummy_44:
(1, 30196), (Start: 2 @30175 has 8 MA's), (5, 30058), (6, 30019), (8, 29962), (9, 29953),