Pham 106975


3
4
5
1: Mooshroom_36 + 4


3
4
5
2: BenitoAntonio_35


1
2
3
4
5
3: Dynamite_35 + 3

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 106975 Report

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

Pham number 106975 has 10 members, 2 are drafts.

Phages represented in each track:
• Track 1 : Mooshroom_36, Kardesai_36, Benllo_34, Circum_36, Hankly_34
• Track 2 : BenitoAntonio_35
• Track 3 : Dynamite_35, NapoleonB_35, KeaneyLin_33, GoCrazy_33

Summary of Final Annotations (See graph section above for start numbers):

The start number called the most often in the published annotations is 3, it was called in 8 of the 8 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• BenitoAntonio_35, Benllo_34, Circum_36, Dynamite_35, GoCrazy_33, Hankly_34, Kardesai_36, KeaneyLin_33, Mooshroom_36, NapoleonB_35,

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 3:
• Found in 10 of 10 (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: BenitoAntonio_35 (AM), Benllo_34 (AM), Circum_36 (AM), Dynamite_35 (AM), GoCrazy_33 (AM), Hankly_34 (AM), Kardesai_36 (AM), KeaneyLin_33 (AM), Mooshroom_36 (AM), NapoleonB_35 (AM),

Summary by clusters:

There is one cluster represented in this pham: AM

Info for manual annotations of cluster AM:

•Start number 3 was manually annotated 8 times for cluster AM.

Gene Information:

Gene: BenitoAntonio_35 Start: 26904, Stop: 27125, Start Num: 3
Candidate Starts for BenitoAntonio_35:
(Start: 3 @26904 has 8 MA's), (4, 27042), (5, 27075),

Gene: Benllo_34 Start: 27573, Stop: 27794, Start Num: 3
Candidate Starts for Benllo_34:
(Start: 3 @27573 has 8 MA's), (4, 27711), (5, 27744),

Gene: Circum_36 Start: 27407, Stop: 27628, Start Num: 3
Candidate Starts for Circum_36:
(Start: 3 @27407 has 8 MA's), (4, 27545), (5, 27578),

Gene: Dynamite_35 Start: 27235, Stop: 27456, Start Num: 3
Candidate Starts for Dynamite_35:
(1, 27202), (2, 27217), (Start: 3 @27235 has 8 MA's), (4, 27373), (5, 27406),

Gene: GoCrazy_33 Start: 26882, Stop: 27103, Start Num: 3
Candidate Starts for GoCrazy_33:
(1, 26849), (2, 26864), (Start: 3 @26882 has 8 MA's), (4, 27020), (5, 27053),

Gene: Hankly_34 Start: 26430, Stop: 26651, Start Num: 3
Candidate Starts for Hankly_34:
(Start: 3 @26430 has 8 MA's), (4, 26568), (5, 26601),

Gene: Kardesai_36 Start: 27460, Stop: 27681, Start Num: 3
Candidate Starts for Kardesai_36:
(Start: 3 @27460 has 8 MA's), (4, 27598), (5, 27631),

Gene: KeaneyLin_33 Start: 26882, Stop: 27103, Start Num: 3
Candidate Starts for KeaneyLin_33:
(1, 26849), (2, 26864), (Start: 3 @26882 has 8 MA's), (4, 27020), (5, 27053),

Gene: Mooshroom_36 Start: 27460, Stop: 27681, Start Num: 3
Candidate Starts for Mooshroom_36:
(Start: 3 @27460 has 8 MA's), (4, 27598), (5, 27631),

Gene: NapoleonB_35 Start: 27235, Stop: 27456, Start Num: 3
Candidate Starts for NapoleonB_35:
(1, 27202), (2, 27217), (Start: 3 @27235 has 8 MA's), (4, 27373), (5, 27406),