Pham 346478


4
5
9
10
1: YungMoney_52
1
2
3
4
5
6
8
2: DonkeyMan_33 + 1
3
4
5
6
7
8
3: Reyja_33 + 1
2
3
4
5
6
7
8
4: Jojo24_32
4
8
5: DearBasketball_35
2
3
4
5
6
7
8
6: Santhid_32

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 346478 Report

This analysis was run 11/14/26 on database version 672.

Pham number 346478 has 8 members, 2 are drafts.

Phages represented in each track:
• Track 1 : YungMoney_52
• Track 2 : DonkeyMan_33, Tarzan_33
• Track 3 : Reyja_33, DinoNuggs_33
• Track 4 : Jojo24_32
• Track 5 : DearBasketball_35
• Track 6 : Santhid_32

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

The start number called the most often in the published annotations is 4, it was called in 5 of the 6 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• DearBasketball_35, DinoNuggs_33, DonkeyMan_33, Reyja_33, Santhid_32, Tarzan_33, YungMoney_52,

Genes that have the "Most Annotated" start but do not call it:
• Jojo24_32,

Genes that do not have the "Most Annotated" start:
•

Summary by start number:

Start 3:
• Found in 6 of 8 (75.0%) of genes in pham
• Manual Annotations of this start: 1 of 6
• Called 16.7% of time when present
• Phage (with cluster) where this start called: Jojo24_32 (DY),

Start 4:
• Found in 8 of 8 (100.0%) of genes in pham
• Manual Annotations of this start: 5 of 6
• Called 87.5% of time when present

• Phage (with cluster) where this start called: DearBasketball_35 (DY), DinoNuggs_33 (DY), DonkeyMan_33 (DY), Reyja_33 (DY), Santhid_32 (DY), Tarzan_33 (DY), YungMoney_52 (DC1),

Summary by clusters:

There are 2 clusters represented in this pham: DC1, DY,

Info for manual annotations of cluster DC1:
•Start number 4 was manually annotated 1 time for cluster DC1.

Info for manual annotations of cluster DY:
•Start number 3 was manually annotated 1 time for cluster DY.
•Start number 4 was manually annotated 4 times for cluster DY.

Gene Information:

Gene: DearBasketball_35 Start: 26980, Stop: 27183, Start Num: 4
Candidate Starts for DearBasketball_35:
(Start: 4 @26980 has 5 MA's), (8, 27136),

Gene: DinoNuggs_33 Start: 26649, Stop: 26852, Start Num: 4
Candidate Starts for DinoNuggs_33:
(Start: 3 @26628 has 1 MA's), (Start: 4 @26649 has 5 MA's), (5, 26697), (6, 26715), (7, 26784), (8, 26805),

Gene: DonkeyMan_33 Start: 27700, Stop: 27903, Start Num: 4
Candidate Starts for DonkeyMan_33:
(1, 27661), (2, 27664), (Start: 3 @27679 has 1 MA's), (Start: 4 @27700 has 5 MA's), (5, 27748), (6, 27766), (8, 27856),

Gene: Jojo24_32 Start: 26272, Stop: 26496, Start Num: 3
Candidate Starts for Jojo24_32:
(2, 26257), (Start: 3 @26272 has 1 MA's), (Start: 4 @26293 has 5 MA's), (5, 26341), (6, 26359), (7, 26428), (8, 26449),

Gene: Reyja_33 Start: 26649, Stop: 26852, Start Num: 4
Candidate Starts for Reyja_33:
(Start: 3 @26628 has 1 MA's), (Start: 4 @26649 has 5 MA's), (5, 26697), (6, 26715), (7, 26784), (8, 26805),

Gene: Santhid_32 Start: 25012, Stop: 25215, Start Num: 4
Candidate Starts for Santhid_32:
(2, 24976), (Start: 3 @24991 has 1 MA's), (Start: 4 @25012 has 5 MA's), (5, 25060), (6, 25078), (7, 25147), (8, 25168),

Gene: Tarzan_33 Start: 26182, Stop: 26385, Start Num: 4
Candidate Starts for Tarzan_33:
(1, 26143), (2, 26146), (Start: 3 @26161 has 1 MA's), (Start: 4 @26182 has 5 MA's), (5, 26230), (6, 26248), (8, 26338),

Gene: YungMoney_52 Start: 42360, Stop: 42584, Start Num: 4
Candidate Starts for YungMoney_52:
(Start: 4 @42360 has 5 MA's), (5, 42408), (9, 42561), (10, 42573),