Pham 342949


10
11
13
14
15
16
17
1: Platte_8
1
2
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5
6
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8
10
11
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14
15
16
17
2: Pioneer3_8
8
9
12
13
14
15
16
17
3: Alleb_9 + 1
12
13
14
15
16
4: OlinDD_8 + 1

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 342949 Report

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

Pham number 342949 has 6 members, 0 are drafts.

Phages represented in each track:
• Track 1 : Platte_8
• Track 2 : Pioneer3_8
• Track 3 : Alleb_9, Tandem_8
• Track 4 : OlinDD_8, Hortus1_8

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

The start number called the most often in the published annotations is 14, it was called in 6 of the 6 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Alleb_9, Hortus1_8, OlinDD_8, Pioneer3_8, Platte_8, Tandem_8,

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 14:
• Found in 6 of 6 (100.0%) of genes in pham
• Manual Annotations of this start: 6 of 6
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Alleb_9 (ED1), Hortus1_8 (ED1), OlinDD_8 (ED1), Pioneer3_8 (ED1), Platte_8 (ED1), Tandem_8 (ED1),

Summary by clusters:

There is one cluster represented in this pham: ED1

Info for manual annotations of cluster ED1:
•Start number 14 was manually annotated 6 times for cluster ED1.

Gene Information:

Gene: Alleb_9 Start: 3412, Stop: 3636, Start Num: 14
Candidate Starts for Alleb_9:
(8, 3127), (9, 3247), (12, 3322), (13, 3382), (Start: 14 @3412 has 6 MA's), (15, 3478), (16, 3484), (17, 3499),

Gene: Hortus1_8 Start: 3366, Stop: 3590, Start Num: 14
Candidate Starts for Hortus1_8:
(12, 3276), (13, 3336), (Start: 14 @3366 has 6 MA's), (15, 3432), (16, 3438),

Gene: OlinDD_8 Start: 3365, Stop: 3589, Start Num: 14
Candidate Starts for OlinDD_8:
(12, 3275), (13, 3335), (Start: 14 @3365 has 6 MA's), (15, 3431), (16, 3437),

Gene: Pioneer3_8 Start: 3398, Stop: 3622, Start Num: 14
Candidate Starts for Pioneer3_8:
(1, 2909), (2, 2927), (3, 2954), (4, 2981), (5, 2993), (6, 3014), (7, 3050), (8, 3113), (10, 3281), (11, 3305), (13, 3368), (Start: 14 @3398 has 6 MA's), (15, 3464), (16, 3470), (17, 3485),

Gene: Platte_8 Start: 3388, Stop: 3612, Start Num: 14
Candidate Starts for Platte_8:
(10, 3271), (11, 3295), (13, 3358), (Start: 14 @3388 has 6 MA's), (15, 3454), (16, 3460), (17, 3475),

Gene: Tandem_8 Start: 3492, Stop: 3716, Start Num: 14
Candidate Starts for Tandem_8:
(8, 3207), (9, 3327), (12, 3402), (13, 3462), (Start: 14 @3492 has 6 MA's), (15, 3558), (16, 3564), (17, 3579),