Pham 340327



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 340327 Report

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

Pham number 340327 has 7 members, 0 are drafts.

Phages represented in each track:
• Track 1 : Jacko_58
• Track 2 : Pioneer3_54, Platte_54
• Track 3 : Tandem_54
• Track 4 : Hortus1_54, OlinDD_54
• Track 5 : Alleb_55

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

The start number called the most often in the published annotations is 6, it was called in 7 of the 7 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Alleb_55, Hortus1_54, Jacko_58, OlinDD_54, Pioneer3_54, Platte_54, Tandem_54,

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 6:
• Found in 7 of 7 (100.0%) of genes in pham
• Manual Annotations of this start: 7 of 7
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Alleb_55 (ED1), Hortus1_54 (ED1), Jacko_58 (ED1), OlinDD_54 (ED1), Pioneer3_54 (ED1), Platte_54 (ED1), Tandem_54 (ED1),

Summary by clusters:

There is one cluster represented in this pham: ED1

Info for manual annotations of cluster ED1:
•Start number 6 was manually annotated 7 times for cluster ED1.

Gene Information:

Gene: Alleb_55 Start: 34855, Stop: 35604, Start Num: 6
Candidate Starts for Alleb_55:
(Start: 6 @34855 has 7 MA's), (7, 34957), (8, 35059), (10, 35221), (11, 35230), (13, 35299), (14, 35302), (15, 35326), (16, 35371), (17, 35386), (18, 35389), (20, 35452), (22, 35461), (23, 35566),

Gene: Hortus1_54 Start: 34845, Stop: 35594, Start Num: 6
Candidate Starts for Hortus1_54:
(1, 34311), (3, 34524), (4, 34548), (Start: 6 @34845 has 7 MA's), (7, 34947), (8, 35049), (10, 35211), (11, 35220), (13, 35289), (14, 35292), (15, 35316), (16, 35361), (17, 35376), (18, 35379), (20, 35442), (21, 35448), (22, 35451), (23, 35556),

Gene: Jacko_58 Start: 33812, Stop: 34522, Start Num: 6
Candidate Starts for Jacko_58:
(1, 33182), (2, 33389), (5, 33653), (Start: 6 @33812 has 7 MA's), (7, 33920), (9, 34175), (10, 34184), (12, 34214), (15, 34289), (17, 34349), (18, 34355), (19, 34391),

Gene: OlinDD_54 Start: 34844, Stop: 35593, Start Num: 6
Candidate Starts for OlinDD_54:
(1, 34310), (3, 34523), (4, 34547), (Start: 6 @34844 has 7 MA's), (7, 34946), (8, 35048), (10, 35210), (11, 35219), (13, 35288), (14, 35291), (15, 35315), (16, 35360), (17, 35375), (18, 35378), (20, 35441), (21, 35447), (22, 35450), (23, 35555),

Gene: Pioneer3_54 Start: 34852, Stop: 35601, Start Num: 6
Candidate Starts for Pioneer3_54:
(3, 34531), (4, 34555), (Start: 6 @34852 has 7 MA's), (7, 34954), (8, 35056), (10, 35218), (11, 35227), (13, 35296), (14, 35299), (15, 35323), (16, 35368), (17, 35383), (18, 35386), (20, 35449), (21, 35455), (22, 35458), (23, 35563),

Gene: Platte_54 Start: 34637, Stop: 35386, Start Num: 6
Candidate Starts for Platte_54:
(3, 34316), (4, 34340), (Start: 6 @34637 has 7 MA's), (7, 34739), (8, 34841), (10, 35003), (11, 35012), (13, 35081), (14, 35084), (15, 35108), (16, 35153), (17, 35168), (18, 35171), (20, 35234), (21, 35240), (22, 35243), (23, 35348),

Gene: Tandem_54 Start: 34791, Stop: 35540, Start Num: 6
Candidate Starts for Tandem_54:
(1, 34257), (3, 34470), (Start: 6 @34791 has 7 MA's), (7, 34893), (8, 34995), (10, 35157), (11, 35166), (13, 35235), (14, 35238), (15, 35262), (16, 35307), (17, 35322), (18, 35325), (20, 35388), (21, 35394), (22, 35397), (23, 35502),