Pham 348379


3
4
12
13
14
15
19
23
25
1: Schiebs_3
1
13
14
20
22
2: Emperor_3
13
16
23
24
3: Dirtfootball_3 + 1
2
6
9
10
11
17
4: EpicDab_3
5
7
8
11
18
21
5: RRH1_03

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 348379 Report

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

Pham number 348379 has 6 members, 2 are drafts.

Phages represented in each track:
• Track 1 : Schiebs_3
• Track 2 : Emperor_3
• Track 3 : Dirtfootball_3, SallySpecial_3
• Track 4 : EpicDab_3
• Track 5 : RRH1_03

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

The start number called the most often in the published annotations is 13, it was called in 3 of the 4 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Dirtfootball_3, Emperor_3, SallySpecial_3, Schiebs_3,

Genes that have the "Most Annotated" start but do not call it:
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Genes that do not have the "Most Annotated" start:
• EpicDab_3, RRH1_03,

Summary by start number:

Start 6:
• Found in 1 of 6 (16.7%) of genes in pham
• Manual Annotations of this start: 1 of 4
• Called 100.0% of time when present
• Phage (with cluster) where this start called: EpicDab_3 (DM),

Start 7:
• Found in 1 of 6 (16.7%) of genes in pham
• No Manual Annotations of this start.
• Called 100.0% of time when present
• Phage (with cluster) where this start called: RRH1_03 (singleton),

Start 13:
• Found in 4 of 6 (66.7%) of genes in pham
• Manual Annotations of this start: 3 of 4
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Dirtfootball_3 (DM), Emperor_3 (DM), SallySpecial_3 (DM), Schiebs_3 (CW3),

Summary by clusters:

There are 3 clusters represented in this pham: singleton, DM, CW3,

Info for manual annotations of cluster CW3:
•Start number 13 was manually annotated 1 time for cluster CW3.

Info for manual annotations of cluster DM:
•Start number 6 was manually annotated 1 time for cluster DM.
•Start number 13 was manually annotated 2 times for cluster DM.

Gene Information:

Gene: Dirtfootball_3 Start: 1861, Stop: 2112, Start Num: 13
Candidate Starts for Dirtfootball_3:
(Start: 13 @1861 has 3 MA's), (16, 1924), (23, 2002), (24, 2023),

Gene: Emperor_3 Start: 1859, Stop: 2137, Start Num: 13
Candidate Starts for Emperor_3:
(1, 1451), (Start: 13 @1859 has 3 MA's), (14, 1901), (20, 1964), (22, 1988),

Gene: EpicDab_3 Start: 1862, Stop: 2206, Start Num: 6
Candidate Starts for EpicDab_3:
(2, 1751), (Start: 6 @1862 has 1 MA's), (9, 1889), (10, 1907), (11, 1913), (17, 2027),

Gene: RRH1_03 Start: 1995, Stop: 2327, Start Num: 7
Candidate Starts for RRH1_03:
(5, 1971), (7, 1995), (8, 2004), (11, 2040), (18, 2157), (21, 2190),

Gene: SallySpecial_3 Start: 1864, Stop: 2115, Start Num: 13
Candidate Starts for SallySpecial_3:
(Start: 13 @1864 has 3 MA's), (16, 1927), (23, 2005), (24, 2026),

Gene: Schiebs_3 Start: 1821, Stop: 2066, Start Num: 13
Candidate Starts for Schiebs_3:
(3, 1626), (4, 1656), (12, 1806), (Start: 13 @1821 has 3 MA's), (14, 1866), (15, 1872), (19, 1911), (23, 1965), (25, 2025),