Pham 348293


7
8
13
18
19
28
1: Bartholomune_188
7
8
13
18
19
28
2: Watermoore_188
5
6
15
19
27
3: Sebata_227 + 1
2
4
9
10
11
16
17
22
23
29
4: Malisha_34
1
4
10
11
17
20
21
22
23
26
29
5: Squiddly_33 + 1
3
12
14
18
19
24
25
6: Labelle_5 + 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 348293 Report

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

Pham number 348293 has 9 members, 0 are drafts.

Phages represented in each track:
• Track 1 : Bartholomune_188
• Track 2 : Watermoore_188
• Track 3 : Sebata_227, Salacia_226
• Track 4 : Malisha_34
• Track 5 : Squiddly_33, Spooky_31
• Track 6 : Labelle_5, Patience_5

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 2 of the 9 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Labelle_5, Patience_5,

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

Genes that do not have the "Most Annotated" start:
• Bartholomune_188, Malisha_34, Salacia_226, Sebata_227, Spooky_31, Squiddly_33, Watermoore_188,

Summary by start number:

Start 1:
• Found in 2 of 9 (22.2%) of genes in pham
• Manual Annotations of this start: 2 of 9
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Spooky_31 (DN2), Squiddly_33 (DN2),

Start 2:
• Found in 1 of 9 (11.1%) of genes in pham
• Manual Annotations of this start: 1 of 9
• Called 100.0% of time when present

• Phage (with cluster) where this start called: Malisha_34 (DN),

Start 3:
• Found in 2 of 9 (22.2%) of genes in pham
• Manual Annotations of this start: 2 of 9
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Labelle_5 (U), Patience_5 (U),

Start 6:
• Found in 2 of 9 (22.2%) of genes in pham
• Manual Annotations of this start: 2 of 9
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Salacia_226 (C1), Sebata_227 (C1),

Start 7:
• Found in 2 of 9 (22.2%) of genes in pham
• Manual Annotations of this start: 1 of 9
• Called 50.0% of time when present
• Phage (with cluster) where this start called: Watermoore_188 (BE1),

Start 8:
• Found in 2 of 9 (22.2%) of genes in pham
• Manual Annotations of this start: 1 of 9
• Called 50.0% of time when present
• Phage (with cluster) where this start called: Bartholomune_188 (BE1),

Summary by clusters:

There are 5 clusters represented in this pham: DN, C1, BE1, U, DN2,

Info for manual annotations of cluster BE1:
•Start number 7 was manually annotated 1 time for cluster BE1.
•Start number 8 was manually annotated 1 time for cluster BE1.

Info for manual annotations of cluster C1:
•Start number 6 was manually annotated 2 times for cluster C1.

Info for manual annotations of cluster DN:
•Start number 2 was manually annotated 1 time for cluster DN.

Info for manual annotations of cluster DN2:
•Start number 1 was manually annotated 2 times for cluster DN2.

Info for manual annotations of cluster U:
•Start number 3 was manually annotated 2 times for cluster U.

Gene Information:

Gene: Bartholomune_188 Start: 98185, Stop: 98556, Start Num: 8
Candidate Starts for Bartholomune_188:

(Start: 7 @98179 has 1 MA's), (Start: 8 @98185 has 1 MA's), (13, 98344), (18, 98410), (19, 98413), (28, 98551),

Gene: Labelle_5 Start: 2590, Stop: 3042, Start Num: 3
Candidate Starts for Labelle_5:
(Start: 3 @2590 has 2 MA's), (12, 2803), (14, 2857), (18, 2911), (19, 2914), (24, 2989), (25, 2998),

Gene: Malisha_34 Start: 26678, Stop: 27247, Start Num: 2
Candidate Starts for Malisha_34:
(Start: 2 @26678 has 1 MA's), (4, 26750), (9, 26828), (10, 26861), (11, 26891), (16, 27020), (17, 27038), (22, 27098), (23, 27101), (29, 27236),

Gene: Patience_5 Start: 2590, Stop: 3042, Start Num: 3
Candidate Starts for Patience_5:
(Start: 3 @2590 has 2 MA's), (12, 2803), (14, 2857), (18, 2911), (19, 2914), (24, 2989), (25, 2998),

Gene: Salacia_226 Start: 127343, Stop: 126957, Start Num: 6
Candidate Starts for Salacia_226:
(5, 127367), (Start: 6 @127343 has 2 MA's), (15, 127157), (19, 127112), (27, 126989),

Gene: Sebata_227 Start: 127157, Stop: 126771, Start Num: 6
Candidate Starts for Sebata_227:
(5, 127181), (Start: 6 @127157 has 2 MA's), (15, 126971), (19, 126926), (27, 126803),

Gene: Spooky_31 Start: 24621, Stop: 25199, Start Num: 1
Candidate Starts for Spooky_31:
(Start: 1 @24621 has 2 MA's), (4, 24699), (10, 24810), (11, 24840), (17, 24987), (20, 25011), (21, 25032), (22, 25047), (23, 25050), (26, 25113), (29, 25188),

Gene: Squiddly_33 Start: 26033, Stop: 26611, Start Num: 1
Candidate Starts for Squiddly_33:
(Start: 1 @26033 has 2 MA's), (4, 26111), (10, 26222), (11, 26252), (17, 26399), (20, 26423), (21, 26444), (22, 26459), (23, 26462), (26, 26525), (29, 26600),

Gene: Watermoore_188 Start: 100639, Stop: 101016, Start Num: 7
Candidate Starts for Watermoore_188:
(Start: 7 @100639 has 1 MA's), (Start: 8 @100645 has 1 MA's), (13, 100804), (18, 100870), (19, 100873), (28, 101011),