Pham 348258


2
8
17
20
22
1: Jankie_13 + 1
4
20
21
22
2: CallinAllBarbz_13
2
12
14
17
20
22
3: LisoBros_13
3
5
7
9
12
17
20
22
4: Elfy_12
4
8
17
20
22
5: BaileyBlu_13
4
6
10
11
13
16
17
18
22
6: Skyerus_14 + 2
1
12
15
19
22
7: Shambre1_15

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 348258 Report

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

Pham number 348258 has 10 members, 3 are drafts.

Phages represented in each track:
• Track 1 : Jankie_13, GrimEater_13
• Track 2 : CallinAllBarbz_13
• Track 3 : LisoBros_13
• Track 4 : Elfy_12
• Track 5 : BaileyBlu_13
• Track 6 : Skyerus_14, Neroxid_14, Raya_14
• Track 7 : Shambre1_15

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

The start number called the most often in the published annotations is 2, it was called in 3 of the 7 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• GrimEater_13, Jankie_13, LisoBros_13,

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

Genes that do not have the "Most Annotated" start:
• BaileyBlu_13, CallinAllBarbz_13, Elfy_12, Neroxid_14, Raya_14, Shambre1_15, Skyerus_14,

Summary by start number:

Start 1:
• Found in 1 of 10 (10.0%) of genes in pham
• Manual Annotations of this start: 1 of 7
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Shambre1_15 (singleton),

Start 2:
• Found in 3 of 10 (30.0%) of genes in pham
• Manual Annotations of this start: 3 of 7

• Called 100.0% of time when present
• Phage (with cluster) where this start called: GrimEater_13 (FP), Jankie_13 (FP), LisoBros_13 (FP),

Start 3:
• Found in 1 of 10 (10.0%) of genes in pham
• Manual Annotations of this start: 1 of 7
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Elfy_12 (FP),

Start 4:
• Found in 5 of 10 (50.0%) of genes in pham
• Manual Annotations of this start: 2 of 7
• Called 100.0% of time when present
• Phage (with cluster) where this start called: BaileyBlu_13 (FP), CallinAllBarbz_13 (FP), Neroxid_14 (FQ2), Raya_14 (FQ2), Skyerus_14 (FQ2),

Summary by clusters:

There are 3 clusters represented in this pham: FP, FQ2, singleton,

Info for manual annotations of cluster FP:
•Start number 2 was manually annotated 3 times for cluster FP.
•Start number 3 was manually annotated 1 time for cluster FP.
•Start number 4 was manually annotated 2 times for cluster FP.

Gene Information:

Gene: BaileyBlu_13 Start: 7870, Stop: 8214, Start Num: 4
Candidate Starts for BaileyBlu_13:
(Start: 4 @7870 has 2 MA's), (8, 7951), (17, 8146), (20, 8164), (22, 8185),

Gene: CallinAllBarbz_13 Start: 7880, Stop: 8233, Start Num: 4
Candidate Starts for CallinAllBarbz_13:
(Start: 4 @7880 has 2 MA's), (20, 8183), (21, 8189), (22, 8204),

Gene: Elfy_12 Start: 7813, Stop: 8166, Start Num: 3
Candidate Starts for Elfy_12:
(Start: 3 @7813 has 1 MA's), (5, 7894), (7, 7906), (9, 7918), (12, 7987), (17, 8101), (20, 8119), (22, 8140),

Gene: GrimEater_13 Start: 7885, Stop: 8244, Start Num: 2
Candidate Starts for GrimEater_13:
(Start: 2 @7885 has 3 MA's), (8, 7984), (17, 8176), (20, 8194), (22, 8215),

Gene: Jankie_13 Start: 7884, Stop: 8243, Start Num: 2
Candidate Starts for Jankie_13:
(Start: 2 @7884 has 3 MA's), (8, 7983), (17, 8175), (20, 8193), (22, 8214),

Gene: LisoBros_13 Start: 8153, Stop: 8512, Start Num: 2

Candidate Starts for LisoBros_13:
(Start: 2 @8153 has 3 MA's), (12, 8327), (14, 8399), (17, 8444), (20, 8462), (22, 8483),

Gene: Neroxid_14 Start: 7775, Stop: 8092, Start Num: 4
Candidate Starts for Neroxid_14:
(Start: 4 @7775 has 2 MA's), (6, 7847), (10, 7892), (11, 7904), (13, 7970), (16, 8006), (17, 8027), (18, 8033), (22, 8066),

Gene: Raya_14 Start: 7775, Stop: 8092, Start Num: 4
Candidate Starts for Raya_14:
(Start: 4 @7775 has 2 MA's), (6, 7847), (10, 7892), (11, 7904), (13, 7970), (16, 8006), (17, 8027), (18, 8033), (22, 8066),

Gene: Shambre1_15 Start: 10117, Stop: 10590, Start Num: 1
Candidate Starts for Shambre1_15:
(Start: 1 @10117 has 1 MA's), (12, 10390), (15, 10477), (19, 10537), (22, 10561),

Gene: Skyerus_14 Start: 7775, Stop: 8092, Start Num: 4
Candidate Starts for Skyerus_14:
(Start: 4 @7775 has 2 MA's), (6, 7847), (10, 7892), (11, 7904), (13, 7970), (16, 8006), (17, 8027), (18, 8033), (22, 8066),