Pham 348225


1
2
8
10
12
14
17
1: BritBrat_56
2
8
12
14
17
18
2: Clark_58 + 2
2
8
12
14
3: Invectra_60
2
6
7
12
4: Savbucketdawg_58 + 1
2
9
15
16
17
19
5: ODay_58 + 1
2
3
5
10
12
16
17
20
6: Frickyeah_67
2
10
12
17
7: GAL1_64

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 348225 Report

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

Pham number 348225 has 11 members, 3 are drafts.

Phages represented in each track:
• Track 1 : BritBrat_56
• Track 2 : Clark_58, Rizz_59, Samman98_59
• Track 3 : Invectra_60
• Track 4 : Savbucketdawg_58, Jambalaya_58
• Track 5 : ODay_58, ShawBrad_57
• Track 6 : Frickyeah_67
• Track 7 : GAL1_64

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 8 of the 8 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• BritBrat_56, Clark_58, Frickyeah_67, GAL1_64, Invectra_60, Jambalaya_58, ODay_58, Rizz_59, Samman98_59, Savbucketdawg_58, ShawBrad_57,

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 2:
• Found in 11 of 11 (100.0%) of genes in pham
• Manual Annotations of this start: 8 of 8
• Called 100.0% of time when present
• Phage (with cluster) where this start called: BritBrat_56 (CY2), Clark_58 (CZ4), Frickyeah_67 (DN1), GAL1_64 (singleton), Invectra_60 (CZ4), Jambalaya_58 (DC1), ODay_58 (DN), Rizz_59 (CZ4), Samman98_59 (CZ4), Savbucketdawg_58 (DC1), ShawBrad_57 (DN1),

Summary by clusters:

There are 6 clusters represented in this pham: DN, CY2, singleton, CZ4, DN1, DC1,

Info for manual annotations of cluster CY2:
•Start number 2 was manually annotated 1 time for cluster CY2.

Info for manual annotations of cluster CZ4:
•Start number 2 was manually annotated 3 times for cluster CZ4.

Info for manual annotations of cluster DC1:
•Start number 2 was manually annotated 2 times for cluster DC1.

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

Info for manual annotations of cluster DN1:
•Start number 2 was manually annotated 1 time for cluster DN1.

Gene Information:

Gene: BritBrat_56 Start: 39573, Stop: 40124, Start Num: 2
Candidate Starts for BritBrat_56:
(1, 39501), (Start: 2 @39573 has 8 MA's), (8, 39798), (10, 39837), (12, 39897), (14, 39903), (17, 40002),

Gene: Clark_58 Start: 39145, Stop: 39696, Start Num: 2
Candidate Starts for Clark_58:
(Start: 2 @39145 has 8 MA's), (8, 39370), (11, 39466), (12, 39469), (14, 39475), (17, 39574), (18, 39643),

Gene: Frickyeah_67 Start: 39276, Stop: 39815, Start Num: 2
Candidate Starts for Frickyeah_67:
(Start: 2 @39276 has 8 MA's), (3, 39282), (4, 39339), (5, 39342), (10, 39537), (12, 39597), (16, 39678), (17, 39699), (20, 39807),

Gene: GAL1_64 Start: 41145, Stop: 41696, Start Num: 2
Candidate Starts for GAL1_64:
(Start: 2 @41145 has 8 MA's), (10, 41409), (11, 41466), (12, 41469), (17, 41574),

Gene: Invectra_60 Start: 40719, Stop: 41150, Start Num: 2
Candidate Starts for Invectra_60:
(Start: 2 @40719 has 8 MA's), (8, 40944), (11, 41040), (12, 41043), (14, 41049),

Gene: Jambalaya_58 Start: 44554, Stop: 45060, Start Num: 2
Candidate Starts for Jambalaya_58:
(Start: 2 @44554 has 8 MA's), (6, 44647), (7, 44743), (12, 44854),

Gene: ODay_58 Start: 37407, Stop: 38003, Start Num: 2
Candidate Starts for ODay_58:

(Start: 2 @37407 has 8 MA's), (9, 37659), (11, 37719), (12, 37722), (13, 37725), (15, 37764), (16, 37809), (17, 37830), (19, 37920),

Gene: Rizz_59 Start: 39931, Stop: 40482, Start Num: 2
Candidate Starts for Rizz_59:
(Start: 2 @39931 has 8 MA's), (8, 40156), (11, 40252), (12, 40255), (14, 40261), (17, 40360), (18, 40429),

Gene: Samman98_59 Start: 39248, Stop: 39799, Start Num: 2
Candidate Starts for Samman98_59:
(Start: 2 @39248 has 8 MA's), (8, 39473), (11, 39569), (12, 39572), (14, 39578), (17, 39677), (18, 39746),

Gene: Savbucketdawg_58 Start: 44554, Stop: 45060, Start Num: 2
Candidate Starts for Savbucketdawg_58:
(Start: 2 @44554 has 8 MA's), (6, 44647), (7, 44743), (12, 44854),

Gene: ShawBrad_57 Start: 35783, Stop: 36379, Start Num: 2
Candidate Starts for ShawBrad_57:
(Start: 2 @35783 has 8 MA's), (9, 36035), (11, 36095), (12, 36098), (13, 36101), (15, 36140), (16, 36185), (17, 36206), (19, 36296),