Pham 348211


2
3
4
5
7
8
11
13
14
15
16
1: Makar_84 + 1
2
3
4
5
6
9
10
12
16
2: Stillion_81
1
2
3
4
5
6
9
10
12
16
3: KingstonB_80
2
3
4
5
6
9
12
14
16
4: Jollymon_81 + 7

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 348211 Report

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

Pham number 348211 has 12 members, 5 are drafts.

Phages represented in each track:
• Track 1 : Makar_84, Clawz_82
• Track 2 : Stillion_81
• Track 3 : KingstonB_80
• Track 4 : Jollymon_81, Amo99_84, Purplicious_81, Soos_77, DonTron_81, Sting_80, Grumio_82, ColdSoup_84

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

The start number called the most often in the published annotations is 4, it was called in 7 of the 7 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Amo99_84, Clawz_82, ColdSoup_84, DonTron_81, Grumio_82, Jollymon_81, KingstonB_80, Makar_84, Purplicious_81, Soos_77, Stillion_81, Sting_80,

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 4:
• Found in 12 of 12 (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: Amo99_84 (CP), Clawz_82 (CP), ColdSoup_84 (CP), DonTron_81 (CP), Grumio_82 (CP), Jollymon_81 (CP), KingstonB_80 (CP), Makar_84 (CP), Purplicious_81 (CP), Soos_77 (CP), Stillion_81 (CP), Sting_80 (CP),

Summary by clusters:

There is one cluster represented in this pham: CP

Info for manual annotations of cluster CP:
•Start number 4 was manually annotated 7 times for cluster CP.

Gene Information:

Gene: Amo99_84 Start: 52457, Stop: 52759, Start Num: 4
Candidate Starts for Amo99_84:
(2, 52415), (3, 52421), (Start: 4 @52457 has 7 MA's), (5, 52463), (6, 52466), (9, 52547), (12, 52589), (14, 52637), (16, 52736),

Gene: Clawz_82 Start: 52540, Stop: 52845, Start Num: 4
Candidate Starts for Clawz_82:
(2, 52498), (3, 52504), (Start: 4 @52540 has 7 MA's), (5, 52546), (7, 52597), (8, 52621), (11, 52660), (13, 52699), (14, 52723), (15, 52771), (16, 52822),

Gene: ColdSoup_84 Start: 52538, Stop: 52840, Start Num: 4
Candidate Starts for ColdSoup_84:
(2, 52496), (3, 52502), (Start: 4 @52538 has 7 MA's), (5, 52544), (6, 52547), (9, 52628), (12, 52670), (14, 52718), (16, 52817),

Gene: DonTron_81 Start: 52416, Stop: 52718, Start Num: 4
Candidate Starts for DonTron_81:
(2, 52374), (3, 52380), (Start: 4 @52416 has 7 MA's), (5, 52422), (6, 52425), (9, 52506), (12, 52548), (14, 52596), (16, 52695),

Gene: Grumio_82 Start: 52016, Stop: 52318, Start Num: 4
Candidate Starts for Grumio_82:
(2, 51974), (3, 51980), (Start: 4 @52016 has 7 MA's), (5, 52022), (6, 52025), (9, 52106), (12, 52148), (14, 52196), (16, 52295),

Gene: Jollymon_81 Start: 52538, Stop: 52840, Start Num: 4
Candidate Starts for Jollymon_81:
(2, 52496), (3, 52502), (Start: 4 @52538 has 7 MA's), (5, 52544), (6, 52547), (9, 52628), (12, 52670), (14, 52718), (16, 52817),

Gene: KingstonB_80 Start: 51949, Stop: 52251, Start Num: 4
Candidate Starts for KingstonB_80:
(1, 51643), (2, 51907), (3, 51913), (Start: 4 @51949 has 7 MA's), (5, 51955), (6, 51958), (9, 52039), (10, 52060), (12, 52081), (16, 52228),

Gene: Makar_84 Start: 52272, Stop: 52577, Start Num: 4
Candidate Starts for Makar_84:
(2, 52230), (3, 52236), (Start: 4 @52272 has 7 MA's), (5, 52278), (7, 52329), (8, 52353), (11, 52392), (13, 52431), (14, 52455), (15, 52503), (16, 52554),

Gene: Purplicious_81 Start: 51781, Stop: 52083, Start Num: 4
Candidate Starts for Purplicious_81:
(2, 51739), (3, 51745), (Start: 4 @51781 has 7 MA's), (5, 51787), (6, 51790), (9, 51871), (12, 51913), (14, 51961), (16, 52060),

Gene: Soos_77 Start: 51742, Stop: 52044, Start Num: 4
Candidate Starts for Soos_77:
(2, 51700), (3, 51706), (Start: 4 @51742 has 7 MA's), (5, 51748), (6, 51751), (9, 51832), (12, 51874), (14, 51922), (16, 52021),

Gene: Stillion_81 Start: 52663, Stop: 52965, Start Num: 4
Candidate Starts for Stillion_81:
(2, 52621), (3, 52627), (Start: 4 @52663 has 7 MA's), (5, 52669), (6, 52672), (9, 52753), (10, 52774), (12, 52795), (16, 52942),

Gene: Sting_80 Start: 52181, Stop: 52483, Start Num: 4
Candidate Starts for Sting_80:
(2, 52139), (3, 52145), (Start: 4 @52181 has 7 MA's), (5, 52187), (6, 52190), (9, 52271), (12, 52313), (14, 52361), (16, 52460),