

Pham 323646



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 323646 Report

This analysis was run 09/05/26 on database version 662.

Pham number 323646 has 22 members, 2 are drafts.

Phages represented in each track:

- Track 1 : Colucci_12
- Track 2 : KBurrousTX_13
- Track 3 : Chubster_13, Conboy_13, RosiePosie_13, EdgarPoe_13, Mordred_13, Chipper1996_130, Linus_13, Tophat_13, HumptyDumpty_13, JayCookie_13, Chocolat_13, Kabreeze_13, Scavito_13, JaNo_13, PrincessTrina_13
- Track 4 : Lymara_13
- Track 5 : ArV1_010
- Track 6 : MoyaNatalis_13
- Track 7 : DrYang_13
- Track 8 : Bubbykins_12

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 20 of the 20 non-draft genes in the pham.

Genes that call this "Most Annotated" start:

- ArV1_010, Bubbykins_12, Chipper1996_130, Chocolat_13, Chubster_13, Colucci_12, Conboy_13, DrYang_13, EdgarPoe_13, HumptyDumpty_13, JaNo_13, JayCookie_13, KBurrousTX_13, Kabreeze_13, Linus_13, Lymara_13, Mordred_13, MoyaNatalis_13, PrincessTrina_13, RosiePosie_13, Scavito_13, Tophat_13,

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 22 of 22 (100.0%) of genes in pham
- Manual Annotations of this start: 20 of 20
- Called 100.0% of time when present

- Phage (with cluster) where this start called: ArV1_010 (AR), Bubbykins_12 (UNK), Chipper1996_130 (AR), Chocolat_13 (AR), Chubster_13 (AR), Colucci_12 (AR), Conboy_13 (AR), DrYang_13 (AR), EdgarPoe_13 (AR), HumptyDumpty_13 (AR), JaNo_13 (AR), JayCookie_13 (AR), KBurrousTX_13 (AR), Kabreeze_13 (AR), Linus_13 (AR), Lymara_13 (AR), Mordred_13 (AR), MoyaNatalis_13 (AR), PrincessTrina_13 (AR), RosiePosie_13 (AR), Scavito_13 (AR), Tophat_13 (AR),

Summary by clusters:

There are 2 clusters represented in this pham: UNK, AR,

Info for manual annotations of cluster AR:

- Start number 2 was manually annotated 19 times for cluster AR.

Info for manual annotations of cluster UNK:

- Start number 2 was manually annotated 1 time for cluster UNK.

Gene Information:

Gene: ArV1_010 Start: 8940, Stop: 9329, Start Num: 2

Candidate Starts for ArV1_010:

(1, 8859), (Start: 2 @8940 has 20 MA's), (8, 9138), (11, 9180), (12, 9183), (17, 9207), (18, 9264),

Gene: Bubbykins_12 Start: 10159, Stop: 10542, Start Num: 2

Candidate Starts for Bubbykins_12:

(Start: 2 @10159 has 20 MA's), (5, 10246), (9, 10372), (10, 10393), (13, 10399),

Gene: Chipper1996_130 Start: 10581, Stop: 10982, Start Num: 2

Candidate Starts for Chipper1996_130:

(1, 10500), (Start: 2 @10581 has 20 MA's), (6, 10749), (12, 10836), (15, 10848), (18, 10917),

Gene: Chocolat_13 Start: 10582, Stop: 10983, Start Num: 2

Candidate Starts for Chocolat_13:

(1, 10501), (Start: 2 @10582 has 20 MA's), (6, 10750), (12, 10837), (15, 10849), (18, 10918),

Gene: Chubster_13 Start: 10352, Stop: 10753, Start Num: 2

Candidate Starts for Chubster_13:

(1, 10271), (Start: 2 @10352 has 20 MA's), (6, 10520), (12, 10607), (15, 10619), (18, 10688),

Gene: Colucci_12 Start: 10082, Stop: 10474, Start Num: 2

Candidate Starts for Colucci_12:

(Start: 2 @10082 has 20 MA's), (4, 10160), (8, 10283), (11, 10325), (12, 10328), (17, 10352), (18, 10409),

Gene: Conboy_13 Start: 10580, Stop: 10981, Start Num: 2

Candidate Starts for Conboy_13:

(1, 10499), (Start: 2 @10580 has 20 MA's), (6, 10748), (12, 10835), (15, 10847), (18, 10916),

Gene: DrYang_13 Start: 10516, Stop: 10938, Start Num: 2

Candidate Starts for DrYang_13:

(Start: 2 @10516 has 20 MA's), (7, 10711), (18, 10873), (19, 10906),

Gene: EdgarPoe_13 Start: 10580, Stop: 10981, Start Num: 2

Candidate Starts for EdgarPoe_13:

(1, 10499), (Start: 2 @10580 has 20 MA's), (6, 10748), (12, 10835), (15, 10847), (18, 10916),

Gene: HumptyDumpty_13 Start: 10579, Stop: 10980, Start Num: 2

Candidate Starts for HumptyDumpty_13:

(1, 10498), (Start: 2 @10579 has 20 MA's), (6, 10747), (12, 10834), (15, 10846), (18, 10915),

Gene: JaNo_13 Start: 10579, Stop: 10980, Start Num: 2

Candidate Starts for JaNo_13:

(1, 10498), (Start: 2 @10579 has 20 MA's), (6, 10747), (12, 10834), (15, 10846), (18, 10915),

Gene: JayCookie_13 Start: 10582, Stop: 10983, Start Num: 2

Candidate Starts for JayCookie_13:

(1, 10501), (Start: 2 @10582 has 20 MA's), (6, 10750), (12, 10837), (15, 10849), (18, 10918),

Gene: KBurrousTX_13 Start: 10356, Stop: 10754, Start Num: 2

Candidate Starts for KBurrousTX_13:

(Start: 2 @10356 has 20 MA's), (3, 10404), (12, 10608), (14, 10617), (15, 10620), (17, 10632), (18, 10689),

Gene: Kabreeze_13 Start: 10579, Stop: 10980, Start Num: 2

Candidate Starts for Kabreeze_13:

(1, 10498), (Start: 2 @10579 has 20 MA's), (6, 10747), (12, 10834), (15, 10846), (18, 10915),

Gene: Linus_13 Start: 10579, Stop: 10980, Start Num: 2

Candidate Starts for Linus_13:

(1, 10498), (Start: 2 @10579 has 20 MA's), (6, 10747), (12, 10834), (15, 10846), (18, 10915),

Gene: Lymara_13 Start: 10569, Stop: 10982, Start Num: 2

Candidate Starts for Lymara_13:

(Start: 2 @10569 has 20 MA's), (15, 10848), (18, 10917), (19, 10950),

Gene: Mordred_13 Start: 10579, Stop: 10980, Start Num: 2

Candidate Starts for Mordred_13:

(1, 10498), (Start: 2 @10579 has 20 MA's), (6, 10747), (12, 10834), (15, 10846), (18, 10915),

Gene: MoyaNatalis_13 Start: 10582, Stop: 10983, Start Num: 2

Candidate Starts for MoyaNatalis_13:

(1, 10501), (Start: 2 @10582 has 20 MA's), (6, 10750), (12, 10837), (15, 10849), (16, 10852), (18, 10918),

Gene: PrincessTrina_13 Start: 10582, Stop: 10983, Start Num: 2

Candidate Starts for PrincessTrina_13:

(1, 10501), (Start: 2 @10582 has 20 MA's), (6, 10750), (12, 10837), (15, 10849), (18, 10918),

Gene: RosiePosie_13 Start: 10582, Stop: 10983, Start Num: 2

Candidate Starts for RosiePosie_13:

(1, 10501), (Start: 2 @10582 has 20 MA's), (6, 10750), (12, 10837), (15, 10849), (18, 10918),

Gene: Scavito_13 Start: 10579, Stop: 10980, Start Num: 2

Candidate Starts for Scavito_13:

(1, 10498), (Start: 2 @10579 has 20 MA's), (6, 10747), (12, 10834), (15, 10846), (18, 10915),

Gene: Tophat_13 Start: 10581, Stop: 10982, Start Num: 2

Candidate Starts for Tophat_13:

(1, 10500), (Start: 2 @10581 has 20 MA's), (6, 10749), (12, 10836), (15, 10848), (18, 10917),