



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 308960 Report

This analysis was run 06/27/26 on database version 652.

Pham number 308960 has 35 members, 7 are drafts.

Phages represented in each track:

- Track 1 : LRRHood_56, Iota_54, NoodleTree_60, Asterius_60, ET08_51, Lukilu_53, Blackdragon_56, BadAgartude_59, Cane17_49, Blubba_50, Lethe_59, Duckfeet_53, CharlieB_57, Grungle_51, Koguma_56, Phox_58, Pupusa_65, BeanWater_53, Shaqnato_54, IkeLoa_54, Cali_57, Ronan_54, Yassified_57, Bezza_52
- Track 2 : Specks_65, Concombre_65, JigglyPuff_64, Demodog_64, Morizzled23_62, Pier_62, Teardrop_59, InterFolia_68, I3_62, Shelob_62
- Track 3 : DirtMonster_56

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 28 of the 28 non-draft genes in the pham.

Genes that call this "Most Annotated" start:

- Asterius_60, BadAgartude_59, BeanWater_53, Bezza_52, Blackdragon_56, Blubba_50, Cali_57, Cane17_49, CharlieB_57, Concombre_65, Demodog_64, DirtMonster_56, Duckfeet_53, ET08_51, Grungle_51, I3_62, IkeLoa_54, InterFolia_68, Iota_54, JigglyPuff_64, Koguma_56, LRRHood_56, Lethe_59, Lukilu_53, Morizzled23_62, NoodleTree_60, Phox_58, Pier_62, Pupusa_65, Ronan_54, Shaqnato_54, Shelob_62, Specks_65, Teardrop_59, Yassified_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 35 of 35 (100.0%) of genes in pham
- Manual Annotations of this start: 28 of 28
- Called 100.0% of time when present

• Phage (with cluster) where this start called: Asterius_60 (C1), BadAgartude_59 (C1), BeanWater_53 (C1), Bezza_52 (C1), Blackdragon_56 (C1), Blubba_50 (C1), Cali_57 (C1), Cane17_49 (C1), CharlieB_57 (C1), Concombre_65 (C1), Demodog_64 (C1), DirtMonster_56 (C1), Duckfeet_53 (C1), ET08_51 (C1), Grungle_51 (C1), I3_62 (C1), IkeLoa_54 (C1), InterFolia_68 (C1), Iota_54 (C1), JigglyPuff_64 (C1), Koguma_56 (C1), LRRHood_56 (C1), Lethe_59 (C1), Lukilu_53 (C1), Morizzled23_62 (C1), NoodleTree_60 (C1), Phox_58 (C1), Pier_62 (C1), Pupusa_65 (C1), Ronan_54 (C1), Shaqnato_54 (C1), Shelob_62 (C1), Specks_65 (C1), Teardrop_59 (C1), Yassified_57 (C1),

Summary by clusters:

There is one cluster represented in this pham: C1

Info for manual annotations of cluster C1:

•Start number 2 was manually annotated 28 times for cluster C1.

Gene Information:

Gene: Asterius_60 Start: 18418, Stop: 18705, Start Num: 2

Candidate Starts for Asterius_60:

(Start: 2 @18418 has 28 MA's), (5, 18565), (6, 18568), (7, 18589),

Gene: BadAgartude_59 Start: 19878, Stop: 20165, Start Num: 2

Candidate Starts for BadAgartude_59:

(Start: 2 @19878 has 28 MA's), (5, 20025), (6, 20028), (7, 20049),

Gene: BeanWater_53 Start: 18427, Stop: 18714, Start Num: 2

Candidate Starts for BeanWater_53:

(Start: 2 @18427 has 28 MA's), (5, 18574), (6, 18577), (7, 18598),

Gene: Bezza_52 Start: 18308, Stop: 18595, Start Num: 2

Candidate Starts for Bezza_52:

(Start: 2 @18308 has 28 MA's), (5, 18455), (6, 18458), (7, 18479),

Gene: Blackdragon_56 Start: 18346, Stop: 18633, Start Num: 2

Candidate Starts for Blackdragon_56:

(Start: 2 @18346 has 28 MA's), (5, 18493), (6, 18496), (7, 18517),

Gene: Blubba_50 Start: 16245, Stop: 16532, Start Num: 2

Candidate Starts for Blubba_50:

(Start: 2 @16245 has 28 MA's), (5, 16392), (6, 16395), (7, 16416),

Gene: Cali_57 Start: 19664, Stop: 19951, Start Num: 2

Candidate Starts for Cali_57:

(Start: 2 @19664 has 28 MA's), (5, 19811), (6, 19814), (7, 19835),

Gene: Cane17_49 Start: 15963, Stop: 16250, Start Num: 2

Candidate Starts for Cane17_49:

(Start: 2 @15963 has 28 MA's), (5, 16110), (6, 16113), (7, 16134),

Gene: CharlieB_57 Start: 17662, Stop: 17949, Start Num: 2
Candidate Starts for CharlieB_57:
(Start: 2 @17662 has 28 MA's), (5, 17809), (6, 17812), (7, 17833),

Gene: Concombres_65 Start: 20903, Stop: 21190, Start Num: 2
Candidate Starts for Concombres_65:
(1, 20855), (Start: 2 @20903 has 28 MA's), (5, 21050), (6, 21053), (7, 21074),

Gene: Demodog_64 Start: 20903, Stop: 21190, Start Num: 2
Candidate Starts for Demodog_64:
(1, 20855), (Start: 2 @20903 has 28 MA's), (5, 21050), (6, 21053), (7, 21074),

Gene: DirtMonster_56 Start: 18930, Stop: 19208, Start Num: 2
Candidate Starts for DirtMonster_56:
(Start: 2 @18930 has 28 MA's), (3, 19008), (4, 19074), (6, 19080), (8, 19110), (9, 19173), (10, 19185),
(11, 19191),

Gene: Duckfeet_53 Start: 17629, Stop: 17916, Start Num: 2
Candidate Starts for Duckfeet_53:
(Start: 2 @17629 has 28 MA's), (5, 17776), (6, 17779), (7, 17800),

Gene: ET08_51 Start: 17530, Stop: 17817, Start Num: 2
Candidate Starts for ET08_51:
(Start: 2 @17530 has 28 MA's), (5, 17677), (6, 17680), (7, 17701),

Gene: Grungle_51 Start: 16612, Stop: 16899, Start Num: 2
Candidate Starts for Grungle_51:
(Start: 2 @16612 has 28 MA's), (5, 16759), (6, 16762), (7, 16783),

Gene: I3_62 Start: 18754, Stop: 19041, Start Num: 2
Candidate Starts for I3_62:
(1, 18706), (Start: 2 @18754 has 28 MA's), (5, 18901), (6, 18904), (7, 18925),

Gene: IkeLoa_54 Start: 17820, Stop: 18107, Start Num: 2
Candidate Starts for IkeLoa_54:
(Start: 2 @17820 has 28 MA's), (5, 17967), (6, 17970), (7, 17991),

Gene: InterFolia_68 Start: 21587, Stop: 21874, Start Num: 2
Candidate Starts for InterFolia_68:
(1, 21539), (Start: 2 @21587 has 28 MA's), (5, 21734), (6, 21737), (7, 21758),

Gene: Iota_54 Start: 18118, Stop: 18405, Start Num: 2
Candidate Starts for Iota_54:
(Start: 2 @18118 has 28 MA's), (5, 18265), (6, 18268), (7, 18289),

Gene: JigglyPuff_64 Start: 20296, Stop: 20583, Start Num: 2
Candidate Starts for JigglyPuff_64:
(1, 20248), (Start: 2 @20296 has 28 MA's), (5, 20443), (6, 20446), (7, 20467),

Gene: Koguma_56 Start: 17258, Stop: 17545, Start Num: 2
Candidate Starts for Koguma_56:
(Start: 2 @17258 has 28 MA's), (5, 17405), (6, 17408), (7, 17429),

Gene: LRRHood_56 Start: 19181, Stop: 19468, Start Num: 2
Candidate Starts for LRRHood_56:
(Start: 2 @19181 has 28 MA's), (5, 19328), (6, 19331), (7, 19352),

Gene: Lethe_59 Start: 19075, Stop: 19362, Start Num: 2
Candidate Starts for Lethe_59:
(Start: 2 @19075 has 28 MA's), (5, 19222), (6, 19225), (7, 19246),

Gene: Lukilu_53 Start: 18383, Stop: 18670, Start Num: 2
Candidate Starts for Lukilu_53:
(Start: 2 @18383 has 28 MA's), (5, 18530), (6, 18533), (7, 18554),

Gene: Morizzled23_62 Start: 19107, Stop: 19394, Start Num: 2
Candidate Starts for Morizzled23_62:
(1, 19059), (Start: 2 @19107 has 28 MA's), (5, 19254), (6, 19257), (7, 19278),

Gene: NoodleTree_60 Start: 18938, Stop: 19225, Start Num: 2
Candidate Starts for NoodleTree_60:
(Start: 2 @18938 has 28 MA's), (5, 19085), (6, 19088), (7, 19109),

Gene: Phox_58 Start: 19863, Stop: 20150, Start Num: 2
Candidate Starts for Phox_58:
(Start: 2 @19863 has 28 MA's), (5, 20010), (6, 20013), (7, 20034),

Gene: Pier_62 Start: 18835, Stop: 19122, Start Num: 2
Candidate Starts for Pier_62:
(1, 18787), (Start: 2 @18835 has 28 MA's), (5, 18982), (6, 18985), (7, 19006),

Gene: Pupusa_65 Start: 21016, Stop: 21303, Start Num: 2
Candidate Starts for Pupusa_65:
(Start: 2 @21016 has 28 MA's), (5, 21163), (6, 21166), (7, 21187),

Gene: Ronan_54 Start: 16680, Stop: 16967, Start Num: 2
Candidate Starts for Ronan_54:
(Start: 2 @16680 has 28 MA's), (5, 16827), (6, 16830), (7, 16851),

Gene: Shaqnato_54 Start: 17603, Stop: 17890, Start Num: 2
Candidate Starts for Shaqnato_54:
(Start: 2 @17603 has 28 MA's), (5, 17750), (6, 17753), (7, 17774),

Gene: Shelob_62 Start: 20127, Stop: 20414, Start Num: 2
Candidate Starts for Shelob_62:
(1, 20079), (Start: 2 @20127 has 28 MA's), (5, 20274), (6, 20277), (7, 20298),

Gene: Specks_65 Start: 20610, Stop: 20897, Start Num: 2
Candidate Starts for Specks_65:
(1, 20562), (Start: 2 @20610 has 28 MA's), (5, 20757), (6, 20760), (7, 20781),

Gene: Teardrop_59 Start: 17934, Stop: 18221, Start Num: 2
Candidate Starts for Teardrop_59:
(1, 17886), (Start: 2 @17934 has 28 MA's), (5, 18081), (6, 18084), (7, 18105),

Gene: Yassified_57 Start: 18440, Stop: 18727, Start Num: 2

Candidate Starts for Yassified_57:

(Start: 2 @18440 has 28 MA's), (5, 18587), (6, 18590), (7, 18611),