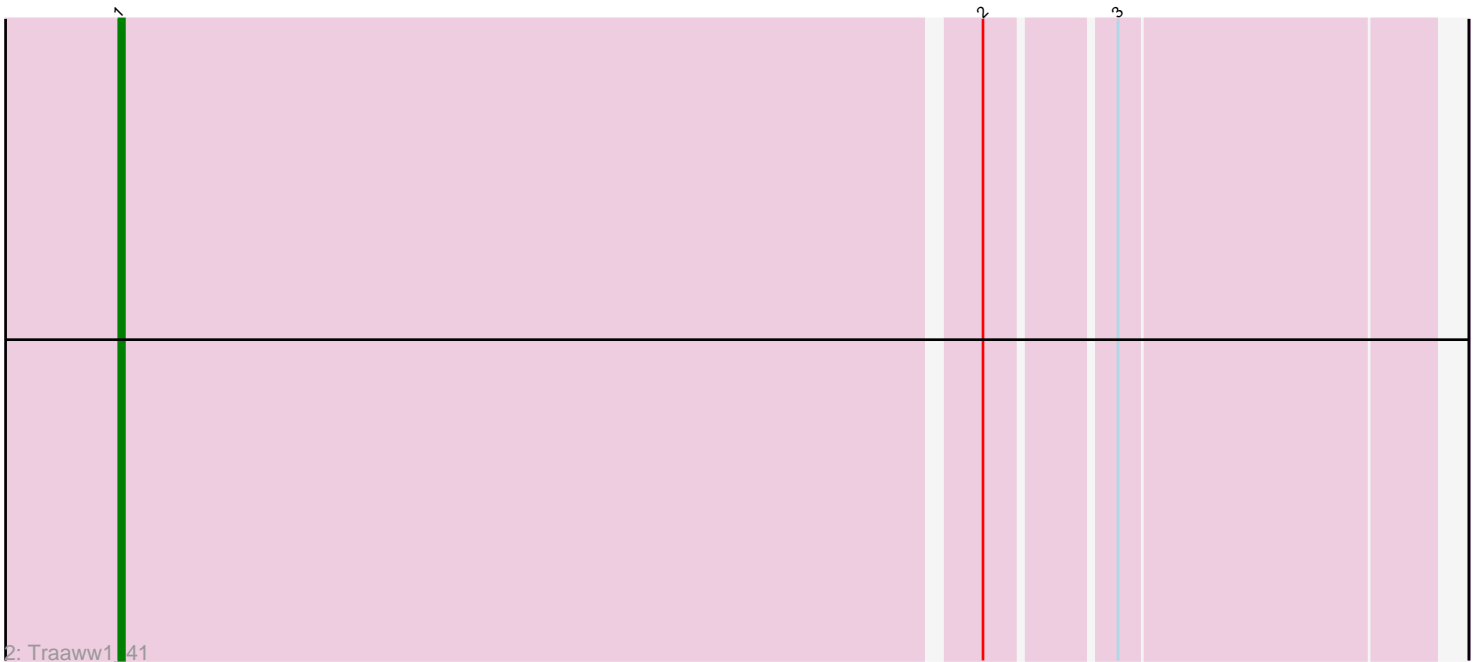


1: Napoleon13_14 + 33



2: Traaww1_41

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 308965 Report

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

Pham number 308965 has 35 members, 0 are drafts.

Phages represented in each track:

- Track 1 : Napoleon13_14, DrPhinkDaddy_15, Norm_15, Loanshark_15, Shnickers_14, Jessibeth14_15, Tortoise16_13, Issimir_15, Chomp_14, Essence_14, ShiaLabeouf_14, ValleyTerrace_14, Darko_14, Patter_14, McWolfish_15, Ewok_15, Naija_14, Shelob_18, EmToTheThree_18, SrishMeg2525_15, EmmaElysia_14, TinyTim_15, SmallFry_14, Khaleesi_15, Delilah_15, FoxtrotP1_16, Bipolarisk_15, Fludd_14, Teardrop_14, Amataga_14, Guwapp_14, Melpomini_14, Phusco_14, PurduePete_15
- Track 2 : Traaww1_41

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

The start number called the most often in the published annotations is 1, it was called in 35 of the 35 non-draft genes in the pham.

Genes that call this "Most Annotated" start:

- Amataga_14, Bipolarisk_15, Chomp_14, Darko_14, Delilah_15, DrPhinkDaddy_15, EmToTheThree_18, EmmaElysia_14, Essence_14, Ewok_15, Fludd_14, FoxtrotP1_16, Guwapp_14, Issimir_15, Jessibeth14_15, Khaleesi_15, Loanshark_15, McWolfish_15, Melpomini_14, Naija_14, Napoleon13_14, Norm_15, Patter_14, Phusco_14, PurduePete_15, Shelob_18, ShiaLabeouf_14, Shnickers_14, SmallFry_14, SrishMeg2525_15, Teardrop_14, TinyTim_15, Tortoise16_13, Traaww1_41, ValleyTerrace_14,

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 1:

- Found in 35 of 35 (100.0%) of genes in pham
- Manual Annotations of this start: 35 of 35

- Called 100.0% of time when present
- Phage (with cluster) where this start called: Amataga_14 (C1), Bipolarisk_15 (C1), Chomp_14 (C1), Darko_14 (C1), Delilah_15 (C1), DrPhinkDaddy_15 (C1), EmToTheThree_18 (C1), EmmaElysia_14 (C1), Essence_14 (C1), Ewok_15 (C1), Fludd_14 (C1), FoxtrotP1_16 (C1), Guwapp_14 (C1), Issimir_15 (C1), Jessibeth14_15 (C1), Khaleesi_15 (C1), Loanshark_15 (C1), McWolfish_15 (C1), Melpomini_14 (C1), Naija_14 (C1), Napoleon13_14 (C1), Norm_15 (C1), Patter_14 (C1), Phusco_14 (C1), PurduePete_15 (C1), Shelob_18 (C1), ShiaLabeouf_14 (C1), Shnickers_14 (C1), SmallFry_14 (C1), SrishMeg2525_15 (C1), Teardrop_14 (C1), TinyTim_15 (C1), Tortoise16_13 (C1), Traaww1_41 (E), ValleyTerrace_14 (C1),

Summary by clusters:

There are 2 clusters represented in this pham: C1, E,

Info for manual annotations of cluster C1:

- Start number 1 was manually annotated 34 times for cluster C1.

Info for manual annotations of cluster E:

- Start number 1 was manually annotated 1 time for cluster E.

Gene Information:

Gene: Amataga_14 Start: 4368, Stop: 4616, Start Num: 1

Candidate Starts for Amataga_14:

(Start: 1 @4368 has 35 MA's), (4, 4563), (5, 4572), (6, 4611),

Gene: Bipolarisk_15 Start: 5433, Stop: 5681, Start Num: 1

Candidate Starts for Bipolarisk_15:

(Start: 1 @5433 has 35 MA's), (4, 5628), (5, 5637), (6, 5676),

Gene: Chomp_14 Start: 4368, Stop: 4616, Start Num: 1

Candidate Starts for Chomp_14:

(Start: 1 @4368 has 35 MA's), (4, 4563), (5, 4572), (6, 4611),

Gene: Darko_14 Start: 5338, Stop: 5586, Start Num: 1

Candidate Starts for Darko_14:

(Start: 1 @5338 has 35 MA's), (4, 5533), (5, 5542), (6, 5581),

Gene: Delilah_15 Start: 5433, Stop: 5681, Start Num: 1

Candidate Starts for Delilah_15:

(Start: 1 @5433 has 35 MA's), (4, 5628), (5, 5637), (6, 5676),

Gene: DrPhinkDaddy_15 Start: 5433, Stop: 5681, Start Num: 1

Candidate Starts for DrPhinkDaddy_15:

(Start: 1 @5433 has 35 MA's), (4, 5628), (5, 5637), (6, 5676),

Gene: EmToTheThree_18 Start: 6847, Stop: 7095, Start Num: 1

Candidate Starts for EmToTheThree_18:

(Start: 1 @6847 has 35 MA's), (4, 7042), (5, 7051), (6, 7090),

Gene: EmmaElysia_14 Start: 4364, Stop: 4612, Start Num: 1
Candidate Starts for EmmaElysia_14:
(Start: 1 @4364 has 35 MA's), (4, 4559), (5, 4568), (6, 4607),

Gene: Essence_14 Start: 4364, Stop: 4612, Start Num: 1
Candidate Starts for Essence_14:
(Start: 1 @4364 has 35 MA's), (4, 4559), (5, 4568), (6, 4607),

Gene: Ewok_15 Start: 5433, Stop: 5681, Start Num: 1
Candidate Starts for Ewok_15:
(Start: 1 @5433 has 35 MA's), (4, 5628), (5, 5637), (6, 5676),

Gene: Fludd_14 Start: 4350, Stop: 4598, Start Num: 1
Candidate Starts for Fludd_14:
(Start: 1 @4350 has 35 MA's), (4, 4545), (5, 4554), (6, 4593),

Gene: FoxtrotP1_16 Start: 5992, Stop: 6240, Start Num: 1
Candidate Starts for FoxtrotP1_16:
(Start: 1 @5992 has 35 MA's), (4, 6187), (5, 6196), (6, 6235),

Gene: Guwapp_14 Start: 4364, Stop: 4612, Start Num: 1
Candidate Starts for Guwapp_14:
(Start: 1 @4364 has 35 MA's), (4, 4559), (5, 4568), (6, 4607),

Gene: Issimir_15 Start: 5427, Stop: 5675, Start Num: 1
Candidate Starts for Issimir_15:
(Start: 1 @5427 has 35 MA's), (4, 5622), (5, 5631), (6, 5670),

Gene: Jessibeth14_15 Start: 5433, Stop: 5681, Start Num: 1
Candidate Starts for Jessibeth14_15:
(Start: 1 @5433 has 35 MA's), (4, 5628), (5, 5637), (6, 5676),

Gene: Khaleesi_15 Start: 5433, Stop: 5681, Start Num: 1
Candidate Starts for Khaleesi_15:
(Start: 1 @5433 has 35 MA's), (4, 5628), (5, 5637), (6, 5676),

Gene: Loanshark_15 Start: 5433, Stop: 5681, Start Num: 1
Candidate Starts for Loanshark_15:
(Start: 1 @5433 has 35 MA's), (4, 5628), (5, 5637), (6, 5676),

Gene: McWolfish_15 Start: 5433, Stop: 5681, Start Num: 1
Candidate Starts for McWolfish_15:
(Start: 1 @5433 has 35 MA's), (4, 5628), (5, 5637), (6, 5676),

Gene: Melpomini_14 Start: 4347, Stop: 4595, Start Num: 1
Candidate Starts for Melpomini_14:
(Start: 1 @4347 has 35 MA's), (4, 4542), (5, 4551), (6, 4590),

Gene: Naija_14 Start: 4368, Stop: 4616, Start Num: 1
Candidate Starts for Naija_14:
(Start: 1 @4368 has 35 MA's), (4, 4563), (5, 4572), (6, 4611),

Gene: Napoleon13_14 Start: 4366, Stop: 4614, Start Num: 1

Candidate Starts for Napoleon13_14:
(Start: 1 @4366 has 35 MA's), (4, 4561), (5, 4570), (6, 4609),

Gene: Norm_15 Start: 5433, Stop: 5681, Start Num: 1
Candidate Starts for Norm_15:
(Start: 1 @5433 has 35 MA's), (4, 5628), (5, 5637), (6, 5676),

Gene: Patter_14 Start: 4385, Stop: 4633, Start Num: 1
Candidate Starts for Patter_14:
(Start: 1 @4385 has 35 MA's), (4, 4580), (5, 4589), (6, 4628),

Gene: Phusco_14 Start: 4364, Stop: 4612, Start Num: 1
Candidate Starts for Phusco_14:
(Start: 1 @4364 has 35 MA's), (4, 4559), (5, 4568), (6, 4607),

Gene: PurduePete_15 Start: 5433, Stop: 5681, Start Num: 1
Candidate Starts for PurduePete_15:
(Start: 1 @5433 has 35 MA's), (4, 5628), (5, 5637), (6, 5676),

Gene: Shelob_18 Start: 6607, Stop: 6855, Start Num: 1
Candidate Starts for Shelob_18:
(Start: 1 @6607 has 35 MA's), (4, 6802), (5, 6811), (6, 6850),

Gene: ShiaLabeouf_14 Start: 4364, Stop: 4612, Start Num: 1
Candidate Starts for ShiaLabeouf_14:
(Start: 1 @4364 has 35 MA's), (4, 4559), (5, 4568), (6, 4607),

Gene: Shnickers_14 Start: 4364, Stop: 4612, Start Num: 1
Candidate Starts for Shnickers_14:
(Start: 1 @4364 has 35 MA's), (4, 4559), (5, 4568), (6, 4607),

Gene: SmallFry_14 Start: 4364, Stop: 4612, Start Num: 1
Candidate Starts for SmallFry_14:
(Start: 1 @4364 has 35 MA's), (4, 4559), (5, 4568), (6, 4607),

Gene: SrishMeg2525_15 Start: 5433, Stop: 5681, Start Num: 1
Candidate Starts for SrishMeg2525_15:
(Start: 1 @5433 has 35 MA's), (4, 5628), (5, 5637), (6, 5676),

Gene: Teardrop_14 Start: 4364, Stop: 4612, Start Num: 1
Candidate Starts for Teardrop_14:
(Start: 1 @4364 has 35 MA's), (4, 4559), (5, 4568), (6, 4607),

Gene: TinyTim_15 Start: 5433, Stop: 5681, Start Num: 1
Candidate Starts for TinyTim_15:
(Start: 1 @5433 has 35 MA's), (4, 5628), (5, 5637), (6, 5676),

Gene: Tortoise16_13 Start: 4364, Stop: 4612, Start Num: 1
Candidate Starts for Tortoise16_13:
(Start: 1 @4364 has 35 MA's), (4, 4559), (5, 4568), (6, 4607),

Gene: Traaww1_41 Start: 35244, Stop: 35011, Start Num: 1
Candidate Starts for Traaww1_41:

(Start: 1 @35244 has 35 MA's), (2, 35088), (3, 35067),

Gene: ValleyTerrace_14 Start: 4368, Stop: 4616, Start Num: 1

Candidate Starts for ValleyTerrace_14:

(Start: 1 @4368 has 35 MA's), (4, 4563), (5, 4572), (6, 4611),