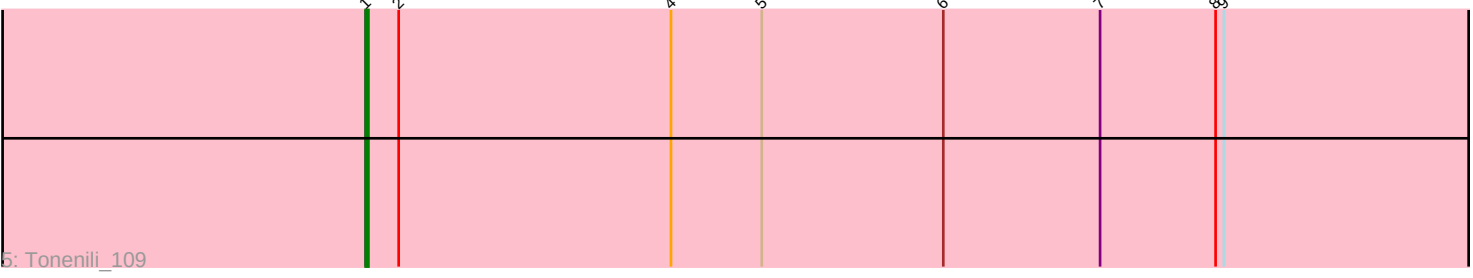
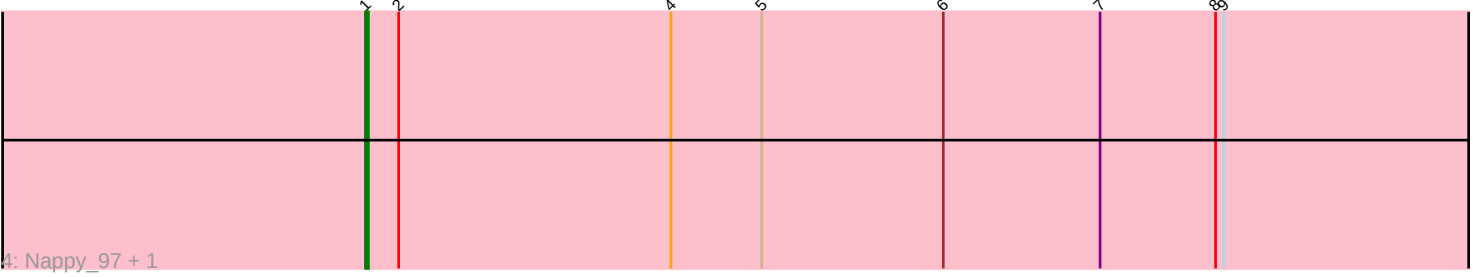
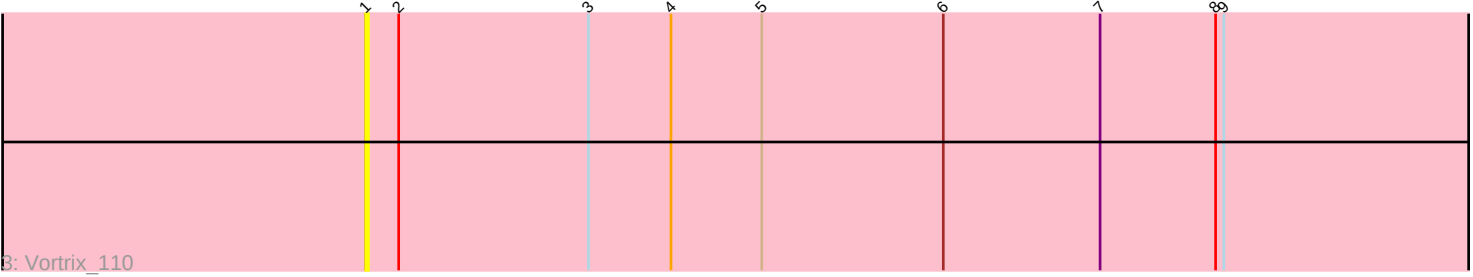
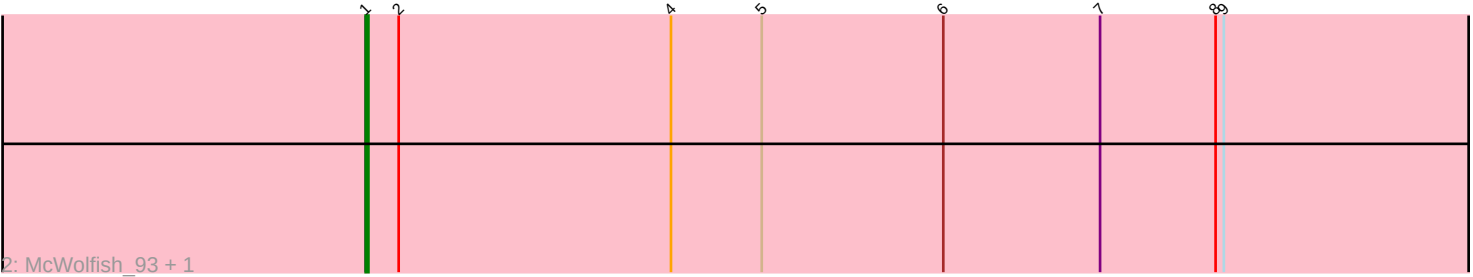
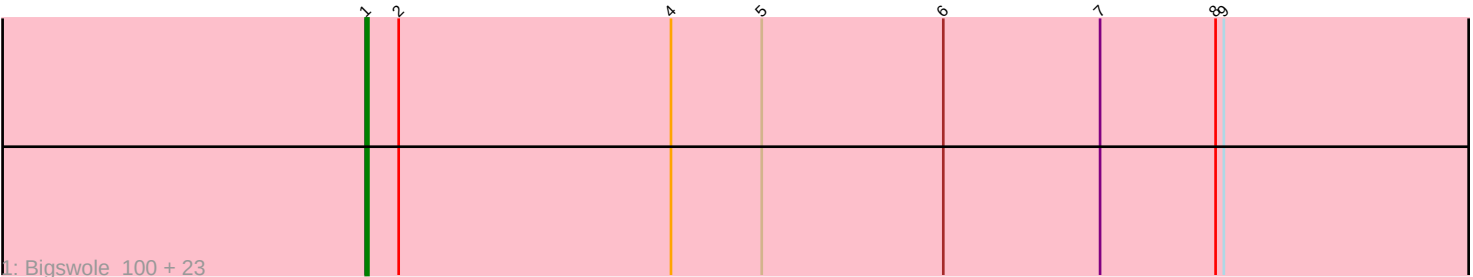


Zoomed Pham 274556



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 274556 Report

This analysis was run 02/07/26 on database version 634.

Pham number 274556 has 30 members, 9 are drafts.

Phages represented in each track:

- Track 1 : Bigswole_100, IkeLoa_89, EggyFarm_103, Nidhogg_96, Grasshills_102, Maby2021_95, BigCity_103, Demodog_102, Salacia_99, DrPhinkDaddy_94, DTDevon_96, Bread_95, SVoro_93, Gabriel_97, JayJay_101, Tortoise16_93, NuevoMundo_101, LookingGlass_96, Izajani_95, Concombre_102, Breeniome_95, NoodleTree_103, Mikro_93, Jezreel_93
- Track 2 : McWolfish_93, PurduePete_95
- Track 3 : Vortrix_110
- Track 4 : Nappy_97, LifeSavor_94
- Track 5 : Tonenili_109

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 21 of the 21 non-draft genes in the pham.

Genes that call this "Most Annotated" start:

- BigCity_103, Bigswole_100, Bread_95, Breeniome_95, Concombre_102, DTDevon_96, Demodog_102, DrPhinkDaddy_94, EggyFarm_103, Gabriel_97, Grasshills_102, IkeLoa_89, Izajani_95, JayJay_101, Jezreel_93, LifeSavor_94, LookingGlass_96, Maby2021_95, McWolfish_93, Mikro_93, Nappy_97, Nidhogg_96, NoodleTree_103, NuevoMundo_101, PurduePete_95, SVoro_93, Salacia_99, Tonenili_109, Tortoise16_93, Vortrix_110,

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 30 of 30 (100.0%) of genes in pham
- Manual Annotations of this start: 21 of 21

- Called 100.0% of time when present
- Phage (with cluster) where this start called: BigCity_103 (C1), Bigswole_100 (C1), Bread_95 (C1), Breeniome_95 (C1), Concombre_102 (C1), DTDevon_96 (C1), Demodog_102 (C1), DrPhinkDaddy_94 (C1), EggyFarm_103 (C1), Gabriel_97 (C1), Grasshills_102 (C1), IkeLoa_89 (C1), Izajani_95 (C1), JayJay_101 (C1), Jezreel_93 (C1), LifeSavor_94 (C1), LookingGlass_96 (C1), Maby2021_95 (C1), McWolfish_93 (C1), Mikro_93 (C1), Nappy_97 (C1), Nidhogg_96 (C1), NoodleTree_103 (C1), NuevoMundo_101 (C1), PurduePete_95 (C1), SVoro_93 (C1), Salacia_99 (C1), Tonenili_109 (C1), Tortoise16_93 (C1), Vortrix_110 (C1),

Summary by clusters:

There is one cluster represented in this pham: C1

Info for manual annotations of cluster C1:

- Start number 1 was manually annotated 21 times for cluster C1.

Gene Information:

Gene: BigCity_103 Start: 42658, Stop: 43377, Start Num: 1

Candidate Starts for BigCity_103:

(Start: 1 @42658 has 21 MA's), (2, 42670), (4, 42769), (5, 42802), (6, 42868), (7, 42925), (8, 42967), (9, 42970), (10, 43123), (12, 43297), (13, 43318),

Gene: Bigswole_100 Start: 43006, Stop: 43725, Start Num: 1

Candidate Starts for Bigswole_100:

(Start: 1 @43006 has 21 MA's), (2, 43018), (4, 43117), (5, 43150), (6, 43216), (7, 43273), (8, 43315), (9, 43318), (10, 43471), (12, 43645), (13, 43666),

Gene: Bread_95 Start: 40204, Stop: 40923, Start Num: 1

Candidate Starts for Bread_95:

(Start: 1 @40204 has 21 MA's), (2, 40216), (4, 40315), (5, 40348), (6, 40414), (7, 40471), (8, 40513), (9, 40516), (10, 40669), (12, 40843), (13, 40864),

Gene: Breeniome_95 Start: 39427, Stop: 40146, Start Num: 1

Candidate Starts for Breeniome_95:

(Start: 1 @39427 has 21 MA's), (2, 39439), (4, 39538), (5, 39571), (6, 39637), (7, 39694), (8, 39736), (9, 39739), (10, 39892), (12, 40066), (13, 40087),

Gene: Concombre_102 Start: 42847, Stop: 43566, Start Num: 1

Candidate Starts for Concombre_102:

(Start: 1 @42847 has 21 MA's), (2, 42859), (4, 42958), (5, 42991), (6, 43057), (7, 43114), (8, 43156), (9, 43159), (10, 43312), (12, 43486), (13, 43507),

Gene: DTDevon_96 Start: 40767, Stop: 41486, Start Num: 1

Candidate Starts for DTDevon_96:

(Start: 1 @40767 has 21 MA's), (2, 40779), (4, 40878), (5, 40911), (6, 40977), (7, 41034), (8, 41076), (9, 41079), (10, 41232), (12, 41406), (13, 41427),

Gene: Demodog_102 Start: 42847, Stop: 43566, Start Num: 1

Candidate Starts for Demodog_102:

(Start: 1 @42847 has 21 MA's), (2, 42859), (4, 42958), (5, 42991), (6, 43057), (7, 43114), (8, 43156), (9, 43159), (10, 43312), (12, 43486), (13, 43507),

Gene: DrPhinkDaddy_94 Start: 40656, Stop: 41375, Start Num: 1

Candidate Starts for DrPhinkDaddy_94:

(Start: 1 @40656 has 21 MA's), (2, 40668), (4, 40767), (5, 40800), (6, 40866), (7, 40923), (8, 40965), (9, 40968), (10, 41121), (12, 41295), (13, 41316),

Gene: EggFarm_103 Start: 42658, Stop: 43377, Start Num: 1

Candidate Starts for EggFarm_103:

(Start: 1 @42658 has 21 MA's), (2, 42670), (4, 42769), (5, 42802), (6, 42868), (7, 42925), (8, 42967), (9, 42970), (10, 43123), (12, 43297), (13, 43318),

Gene: Gabriel_97 Start: 39836, Stop: 40555, Start Num: 1

Candidate Starts for Gabriel_97:

(Start: 1 @39836 has 21 MA's), (2, 39848), (4, 39947), (5, 39980), (6, 40046), (7, 40103), (8, 40145), (9, 40148), (10, 40301), (12, 40475), (13, 40496),

Gene: Grasshills_102 Start: 42658, Stop: 43377, Start Num: 1

Candidate Starts for Grasshills_102:

(Start: 1 @42658 has 21 MA's), (2, 42670), (4, 42769), (5, 42802), (6, 42868), (7, 42925), (8, 42967), (9, 42970), (10, 43123), (12, 43297), (13, 43318),

Gene: IkeLoa_89 Start: 38966, Stop: 39685, Start Num: 1

Candidate Starts for IkeLoa_89:

(Start: 1 @38966 has 21 MA's), (2, 38978), (4, 39077), (5, 39110), (6, 39176), (7, 39233), (8, 39275), (9, 39278), (10, 39431), (12, 39605), (13, 39626),

Gene: Izajani_95 Start: 40617, Stop: 41336, Start Num: 1

Candidate Starts for Izajani_95:

(Start: 1 @40617 has 21 MA's), (2, 40629), (4, 40728), (5, 40761), (6, 40827), (7, 40884), (8, 40926), (9, 40929), (10, 41082), (12, 41256), (13, 41277),

Gene: JayJay_101 Start: 41905, Stop: 42624, Start Num: 1

Candidate Starts for JayJay_101:

(Start: 1 @41905 has 21 MA's), (2, 41917), (4, 42016), (5, 42049), (6, 42115), (7, 42172), (8, 42214), (9, 42217), (10, 42370), (12, 42544), (13, 42565),

Gene: Jezreel_93 Start: 40300, Stop: 41019, Start Num: 1

Candidate Starts for Jezreel_93:

(Start: 1 @40300 has 21 MA's), (2, 40312), (4, 40411), (5, 40444), (6, 40510), (7, 40567), (8, 40609), (9, 40612), (10, 40765), (12, 40939), (13, 40960),

Gene: LifeSavor_94 Start: 40127, Stop: 40846, Start Num: 1

Candidate Starts for LifeSavor_94:

(Start: 1 @40127 has 21 MA's), (2, 40139), (4, 40238), (5, 40271), (6, 40337), (7, 40394), (8, 40436), (9, 40439), (10, 40592), (12, 40766), (14, 40841),

Gene: LookingGlass_96 Start: 40710, Stop: 41429, Start Num: 1

Candidate Starts for LookingGlass_96:

(Start: 1 @40710 has 21 MA's), (2, 40722), (4, 40821), (5, 40854), (6, 40920), (7, 40977), (8, 41019), (9, 41022), (10, 41175), (12, 41349), (13, 41370),

Gene: Maby2021_95 Start: 40282, Stop: 41001, Start Num: 1

Candidate Starts for Maby2021_95:

(Start: 1 @40282 has 21 MA's), (2, 40294), (4, 40393), (5, 40426), (6, 40492), (7, 40549), (8, 40591), (9, 40594), (10, 40747), (12, 40921), (13, 40942),

Gene: McWolfish_93 Start: 40007, Stop: 40726, Start Num: 1

Candidate Starts for McWolfish_93:

(Start: 1 @40007 has 21 MA's), (2, 40019), (4, 40118), (5, 40151), (6, 40217), (7, 40274), (8, 40316), (9, 40319), (12, 40646), (13, 40667),

Gene: Mikro_93 Start: 41525, Stop: 42244, Start Num: 1

Candidate Starts for Mikro_93:

(Start: 1 @41525 has 21 MA's), (2, 41537), (4, 41636), (5, 41669), (6, 41735), (7, 41792), (8, 41834), (9, 41837), (10, 41990), (12, 42164), (13, 42185),

Gene: Nappy_97 Start: 41165, Stop: 41884, Start Num: 1

Candidate Starts for Nappy_97:

(Start: 1 @41165 has 21 MA's), (2, 41177), (4, 41276), (5, 41309), (6, 41375), (7, 41432), (8, 41474), (9, 41477), (10, 41630), (12, 41804), (14, 41879),

Gene: Nidhogg_96 Start: 40455, Stop: 41174, Start Num: 1

Candidate Starts for Nidhogg_96:

(Start: 1 @40455 has 21 MA's), (2, 40467), (4, 40566), (5, 40599), (6, 40665), (7, 40722), (8, 40764), (9, 40767), (10, 40920), (12, 41094), (13, 41115),

Gene: NoodleTree_103 Start: 41632, Stop: 42351, Start Num: 1

Candidate Starts for NoodleTree_103:

(Start: 1 @41632 has 21 MA's), (2, 41644), (4, 41743), (5, 41776), (6, 41842), (7, 41899), (8, 41941), (9, 41944), (10, 42097), (12, 42271), (13, 42292),

Gene: NuevoMundo_101 Start: 42562, Stop: 43281, Start Num: 1

Candidate Starts for NuevoMundo_101:

(Start: 1 @42562 has 21 MA's), (2, 42574), (4, 42673), (5, 42706), (6, 42772), (7, 42829), (8, 42871), (9, 42874), (10, 43027), (12, 43201), (13, 43222),

Gene: PurduePete_95 Start: 40645, Stop: 41364, Start Num: 1

Candidate Starts for PurduePete_95:

(Start: 1 @40645 has 21 MA's), (2, 40657), (4, 40756), (5, 40789), (6, 40855), (7, 40912), (8, 40954), (9, 40957), (12, 41284), (13, 41305),

Gene: SVoro_93 Start: 40595, Stop: 41314, Start Num: 1

Candidate Starts for SVoro_93:

(Start: 1 @40595 has 21 MA's), (2, 40607), (4, 40706), (5, 40739), (6, 40805), (7, 40862), (8, 40904), (9, 40907), (10, 41060), (12, 41234), (13, 41255),

Gene: Salacia_99 Start: 40715, Stop: 41434, Start Num: 1

Candidate Starts for Salacia_99:

(Start: 1 @40715 has 21 MA's), (2, 40727), (4, 40826), (5, 40859), (6, 40925), (7, 40982), (8, 41024), (9, 41027), (10, 41180), (12, 41354), (13, 41375),

Gene: Tonenili_109 Start: 44609, Stop: 45328, Start Num: 1

Candidate Starts for Tonenili_109:

(Start: 1 @44609 has 21 MA's), (2, 44621), (4, 44720), (5, 44753), (6, 44819), (7, 44876), (8, 44918), (9, 44921), (10, 45074), (11, 45134), (12, 45248),

Gene: Tortoise16_93 Start: 40459, Stop: 41178, Start Num: 1

Candidate Starts for Tortoise16_93:

(Start: 1 @40459 has 21 MA's), (2, 40471), (4, 40570), (5, 40603), (6, 40669), (7, 40726), (8, 40768), (9, 40771), (10, 40924), (12, 41098), (13, 41119),

Gene: Vortrix_110 Start: 44015, Stop: 44734, Start Num: 1

Candidate Starts for Vortrix_110:

(Start: 1 @44015 has 21 MA's), (2, 44027), (3, 44096), (4, 44126), (5, 44159), (6, 44225), (7, 44282), (8, 44324), (9, 44327), (10, 44480), (12, 44654),