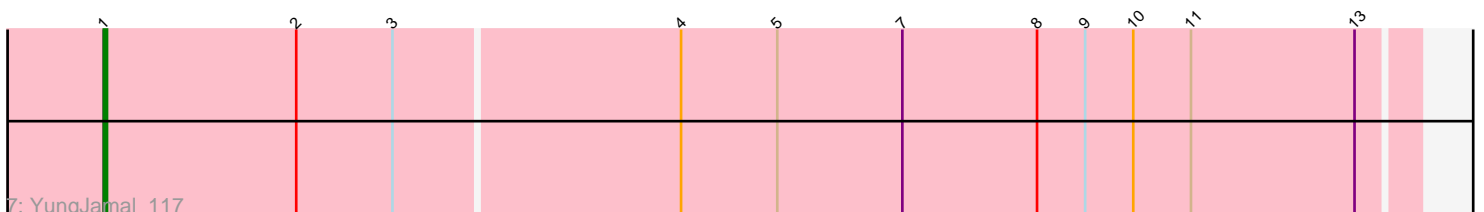
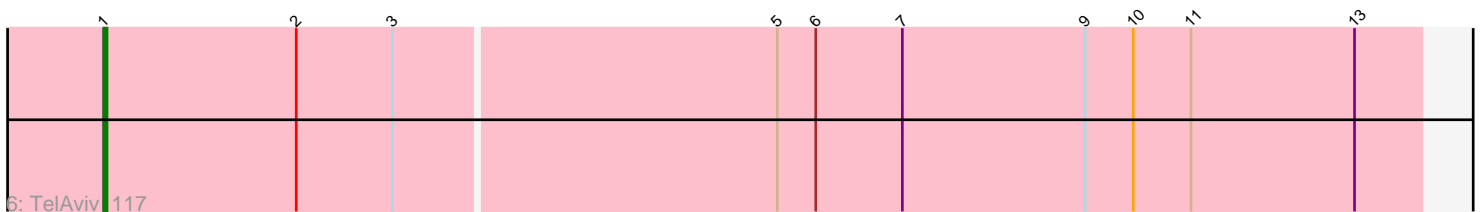
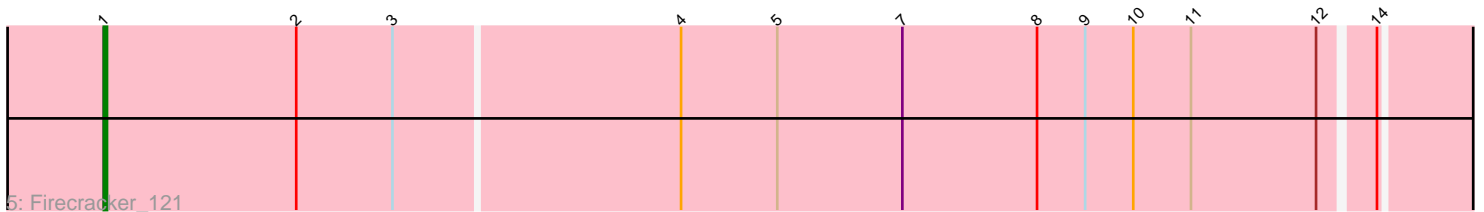
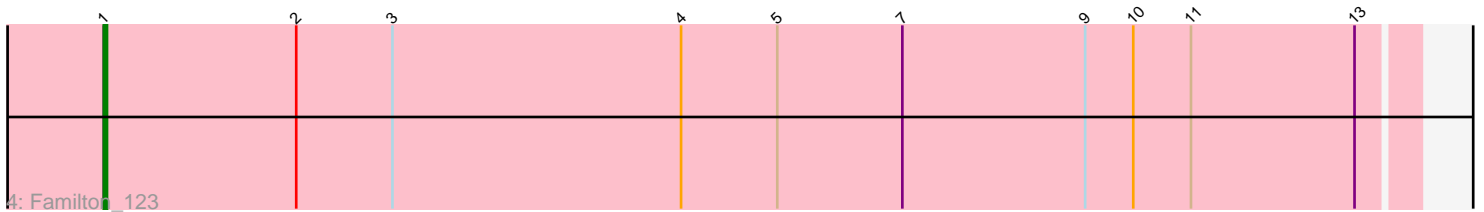
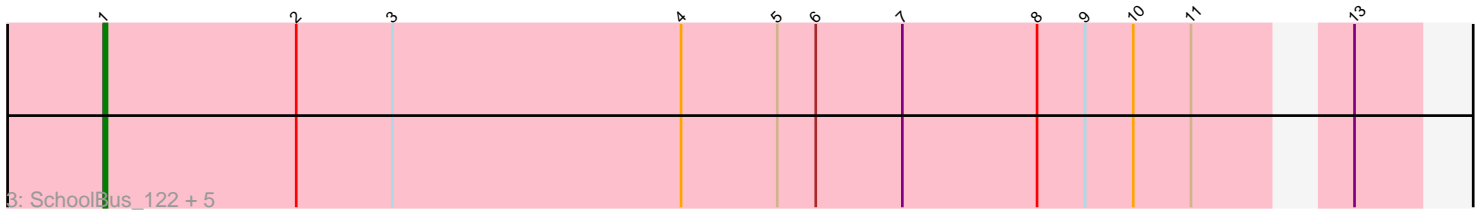
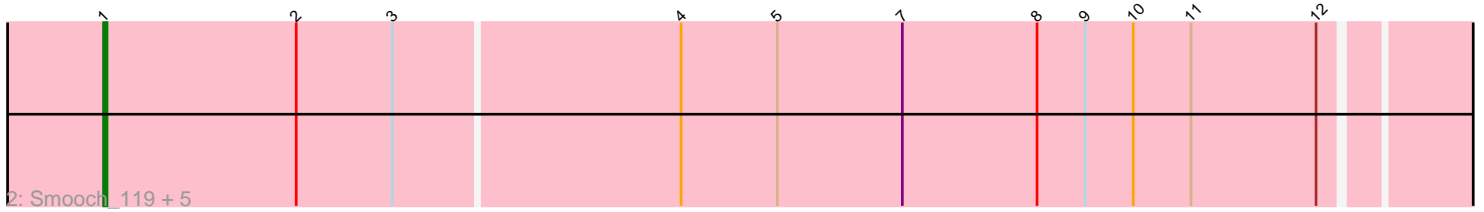
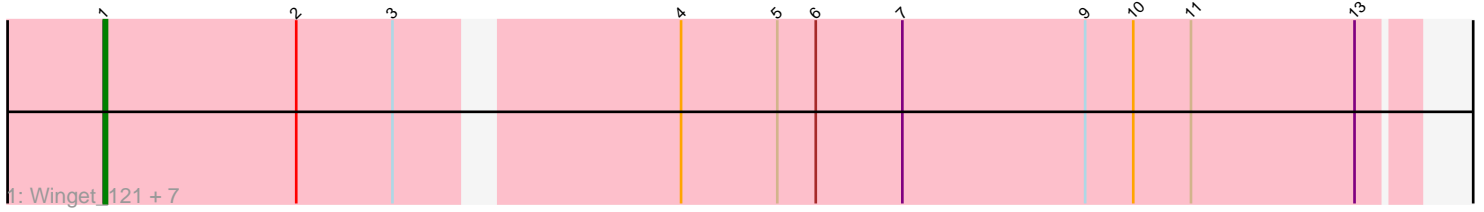


Pham 208905



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 208905 Report

This analysis was run 02/22/25 on database version 588.

Pham number 208905 has 24 members, 0 are drafts.

Phages represented in each track:

- Track 1 : Winget_121, Krili_123, Ryadel_126, Vagabond_120, FoulBall_120, Schuy_121, NiebruSaylor_121, Murai_121
- Track 2 : Smooch_119, Zakhe101_116, Wildflower_116, Corndog_117, Dylan_115, Ashwin_116
- Track 3 : SchoolBus_122, Mori_121, JangDynasty_119, Blessica_120, Idergollasper_125, Catdawg_122
- Track 4 : Familton_123
- Track 5 : Firecracker_121
- Track 6 : TelAviv_117
- Track 7 : YungJamal_117

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 24 of the 24 non-draft genes in the pham.

Genes that call this "Most Annotated" start:

- Ashwin_116, Blessica_120, Catdawg_122, Corndog_117, Dylan_115, Familton_123, Firecracker_121, FoulBall_120, Idergollasper_125, JangDynasty_119, Krili_123, Mori_121, Murai_121, NiebruSaylor_121, Ryadel_126, SchoolBus_122, Schuy_121, Smooch_119, TelAviv_117, Vagabond_120, Wildflower_116, Winget_121, YungJamal_117, Zakhe101_116,

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 24 of 24 (100.0%) of genes in pham
- Manual Annotations of this start: 24 of 24

- Called 100.0% of time when present
- Phage (with cluster) where this start called: Ashwin_116 (O), Blessica_120 (O), Catdawg_122 (O), Corndog_117 (O), Dylan_115 (O), Familton_123 (O), Firecracker_121 (O), FoulBall_120 (O), Idergollasper_125 (O), JangDynasty_119 (O), Krili_123 (O), Mori_121 (O), Murai_121 (O), NiebruSaylor_121 (O), Ryadel_126 (O), SchoolBus_122 (O), Schuy_121 (O), Smooch_119 (O), TelAviv_117 (O), Vagabond_120 (O), Wildflower_116 (O), Winget_121 (O), YungJamal_117 (O), Zakhe101_116 (O),

Summary by clusters:

There is one cluster represented in this pham: O

Info for manual annotations of cluster O:

- Start number 1 was manually annotated 24 times for cluster O.

Gene Information:

Gene: Ashwin_116 Start: 66743, Stop: 66303, Start Num: 1

Candidate Starts for Ashwin_116:

(Start: 1 @66743 has 24 MA's), (2, 66683), (3, 66653), (4, 66566), (5, 66536), (7, 66497), (8, 66455), (9, 66440), (10, 66425), (11, 66407), (12, 66368),

Gene: Blessica_120 Start: 68509, Stop: 68114, Start Num: 1

Candidate Starts for Blessica_120:

(Start: 1 @68509 has 24 MA's), (2, 68449), (3, 68419), (4, 68341), (5, 68311), (6, 68299), (7, 68272), (8, 68230), (9, 68215), (10, 68200), (11, 68182), (13, 68131),

Gene: Catdawg_122 Start: 69163, Stop: 68768, Start Num: 1

Candidate Starts for Catdawg_122:

(Start: 1 @69163 has 24 MA's), (2, 69103), (3, 69073), (4, 68995), (5, 68965), (6, 68953), (7, 68926), (8, 68884), (9, 68869), (10, 68854), (11, 68836), (13, 68785),

Gene: Corndog_117 Start: 66803, Stop: 66360, Start Num: 1

Candidate Starts for Corndog_117:

(Start: 1 @66803 has 24 MA's), (2, 66743), (3, 66713), (4, 66626), (5, 66596), (7, 66557), (8, 66515), (9, 66500), (10, 66485), (11, 66467), (12, 66428),

Gene: Dylan_115 Start: 66844, Stop: 66407, Start Num: 1

Candidate Starts for Dylan_115:

(Start: 1 @66844 has 24 MA's), (2, 66784), (3, 66754), (4, 66667), (5, 66637), (7, 66598), (8, 66556), (9, 66541), (10, 66526), (11, 66508), (12, 66469),

Gene: Familton_123 Start: 68882, Stop: 68475, Start Num: 1

Candidate Starts for Familton_123:

(Start: 1 @68882 has 24 MA's), (2, 68822), (3, 68792), (4, 68702), (5, 68672), (7, 68633), (9, 68576), (10, 68561), (11, 68543), (13, 68492),

Gene: Firecracker_121 Start: 68383, Stop: 67940, Start Num: 1

Candidate Starts for Firecracker_121:

(Start: 1 @68383 has 24 MA's), (2, 68323), (3, 68293), (4, 68206), (5, 68176), (7, 68137), (8, 68095), (9, 68080), (10, 68065), (11, 68047), (12, 68008), (14, 67993),

Gene: FoulBall_120 Start: 68126, Stop: 67731, Start Num: 1

Candidate Starts for FoulBall_120:

(Start: 1 @68126 has 24 MA's), (2, 68066), (3, 68036), (4, 67958), (5, 67928), (6, 67916), (7, 67889), (9, 67832), (10, 67817), (11, 67799), (13, 67748),

Gene: Idergollasper_125 Start: 69569, Stop: 69186, Start Num: 1

Candidate Starts for Idergollasper_125:

(Start: 1 @69569 has 24 MA's), (2, 69509), (3, 69479), (4, 69401), (5, 69371), (6, 69359), (7, 69332), (8, 69290), (9, 69275), (10, 69260), (11, 69242), (13, 69206),

Gene: JangDynasty_119 Start: 67931, Stop: 67536, Start Num: 1

Candidate Starts for JangDynasty_119:

(Start: 1 @67931 has 24 MA's), (2, 67871), (3, 67841), (4, 67751), (5, 67721), (6, 67709), (7, 67682), (8, 67640), (9, 67625), (10, 67610), (11, 67592), (13, 67556),

Gene: Krili_123 Start: 68720, Stop: 68325, Start Num: 1

Candidate Starts for Krili_123:

(Start: 1 @68720 has 24 MA's), (2, 68660), (3, 68630), (4, 68552), (5, 68522), (6, 68510), (7, 68483), (9, 68426), (10, 68411), (11, 68393), (13, 68342),

Gene: Mori_121 Start: 68746, Stop: 68351, Start Num: 1

Candidate Starts for Mori_121:

(Start: 1 @68746 has 24 MA's), (2, 68686), (3, 68656), (4, 68578), (5, 68548), (6, 68536), (7, 68509), (8, 68467), (9, 68452), (10, 68437), (11, 68419), (13, 68368),

Gene: Murai_121 Start: 68564, Stop: 68169, Start Num: 1

Candidate Starts for Murai_121:

(Start: 1 @68564 has 24 MA's), (2, 68504), (3, 68474), (4, 68396), (5, 68366), (6, 68354), (7, 68327), (9, 68270), (10, 68255), (11, 68237), (13, 68186),

Gene: NiebruSaylor_121 Start: 67860, Stop: 67465, Start Num: 1

Candidate Starts for NiebruSaylor_121:

(Start: 1 @67860 has 24 MA's), (2, 67800), (3, 67770), (4, 67692), (5, 67662), (6, 67650), (7, 67623), (9, 67566), (10, 67551), (11, 67533), (13, 67482),

Gene: Ryadel_126 Start: 69712, Stop: 69317, Start Num: 1

Candidate Starts for Ryadel_126:

(Start: 1 @69712 has 24 MA's), (2, 69652), (3, 69622), (4, 69544), (5, 69514), (6, 69502), (7, 69475), (9, 69418), (10, 69403), (11, 69385), (13, 69334),

Gene: SchoolBus_122 Start: 68746, Stop: 68351, Start Num: 1

Candidate Starts for SchoolBus_122:

(Start: 1 @68746 has 24 MA's), (2, 68686), (3, 68656), (4, 68566), (5, 68536), (6, 68524), (7, 68497), (8, 68455), (9, 68440), (10, 68425), (11, 68407), (13, 68371),

Gene: Schuy_121 Start: 67905, Stop: 67510, Start Num: 1

Candidate Starts for Schuy_121:

(Start: 1 @67905 has 24 MA's), (2, 67845), (3, 67815), (4, 67737), (5, 67707), (6, 67695), (7, 67668), (9, 67611), (10, 67596), (11, 67578), (13, 67527),

Gene: Smooch_119 Start: 68449, Stop: 68006, Start Num: 1

Candidate Starts for Smooch_119:

(Start: 1 @68449 has 24 MA's), (2, 68389), (3, 68359), (4, 68272), (5, 68242), (7, 68203), (8, 68161), (9, 68146), (10, 68131), (11, 68113), (12, 68074),

Gene: TelAviv_117 Start: 68491, Stop: 68084, Start Num: 1

Candidate Starts for TelAviv_117:

(Start: 1 @68491 has 24 MA's), (2, 68431), (3, 68401), (5, 68284), (6, 68272), (7, 68245), (9, 68188), (10, 68173), (11, 68155), (13, 68104),

Gene: Vagabond_120 Start: 67906, Stop: 67499, Start Num: 1

Candidate Starts for Vagabond_120:

(Start: 1 @67906 has 24 MA's), (2, 67846), (3, 67816), (4, 67726), (5, 67696), (6, 67684), (7, 67657), (9, 67600), (10, 67585), (11, 67567), (13, 67516),

Gene: Wildflower_116 Start: 66384, Stop: 65944, Start Num: 1

Candidate Starts for Wildflower_116:

(Start: 1 @66384 has 24 MA's), (2, 66324), (3, 66294), (4, 66207), (5, 66177), (7, 66138), (8, 66096), (9, 66081), (10, 66066), (11, 66048), (12, 66009),

Gene: Winget_121 Start: 68596, Stop: 68201, Start Num: 1

Candidate Starts for Winget_121:

(Start: 1 @68596 has 24 MA's), (2, 68536), (3, 68506), (4, 68428), (5, 68398), (6, 68386), (7, 68359), (9, 68302), (10, 68287), (11, 68269), (13, 68218),

Gene: YungJamal_117 Start: 67247, Stop: 66843, Start Num: 1

Candidate Starts for YungJamal_117:

(Start: 1 @67247 has 24 MA's), (2, 67187), (3, 67157), (4, 67070), (5, 67040), (7, 67001), (8, 66959), (9, 66944), (10, 66929), (11, 66911), (13, 66860),

Gene: Zakhe101_116 Start: 66683, Stop: 66246, Start Num: 1

Candidate Starts for Zakhe101_116:

(Start: 1 @66683 has 24 MA's), (2, 66623), (3, 66593), (4, 66506), (5, 66476), (7, 66437), (8, 66395), (9, 66380), (10, 66365), (11, 66347), (12, 66308),