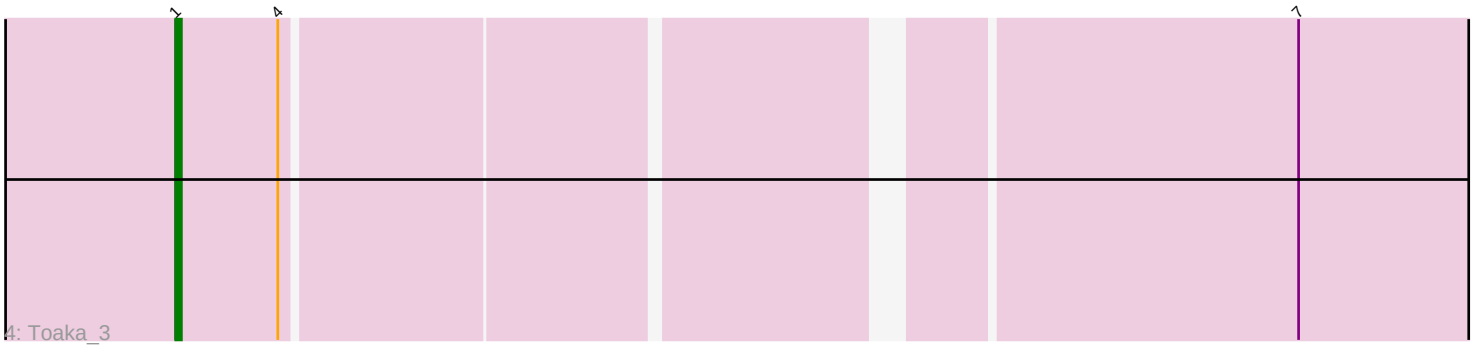
Pham 284043



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 284043 Report

This analysis was run 02/23/26 on database version 636.

Pham number 284043 has 32 members, 10 are drafts.

Phages represented in each track:
• Track 1 : Kinmap_4
• Track 2 : Onglai_4, ExplosioNervosa_3, HortumSL17_3, Lilleskat_2, Hanray_3, Holex_3, Ugenie5_2, Phaeder_3, Aliter_3, Tubs_3, Fayely_3, Ayanochan_4, Scherzo_3, Catalina_3, PackMan_3, EdogawaKiddo_2, Beemo_3, Sachima_2, Jiawan_3, Pioneer_3, RyeScarlet_4, Phonnegut_3, Myxus_3
• Track 3 : Eidsmoe_3, Priya_3, Qobbit_3, Alma_3, Conquerage_3, Spouty_3, EmyBug_3
• Track 4 : Toaka_3

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 21 of the 22 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Aliter_3, Alma_3, Ayanochan_4, Beemo_3, Catalina_3, Conquerage_3, EdogawaKiddo_2, Eidsmoe_3, EmyBug_3, ExplosioNervosa_3, Fayely_3, Hanray_3, Holex_3, HortumSL17_3, Jiawan_3, Lilleskat_2, Myxus_3, Onglai_4, PackMan_3, Phaeder_3, Phonnegut_3, Pioneer_3, Priya_3, Qobbit_3, RyeScarlet_4, Sachima_2, Scherzo_3, Spouty_3, Tubs_3, Ugenie5_2,

Genes that have the "Most Annotated" start but do not call it:
•

Genes that do not have the "Most Annotated" start:
• Kinmap_4, Toaka_3,

Summary by start number:

Start 1:
• Found in 2 of 32 (6.2%) of genes in pham
• Manual Annotations of this start: 1 of 22
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Kinmap_4 (A21), Toaka_3 (A9),

Start 2:
• Found in 30 of 32 (93.8%) of genes in pham
• Manual Annotations of this start: 21 of 22
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Aliter_3 (A9), Alma_3 (A9), Ayanochan_4 (A9), Beemo_3 (A9), Catalina_3 (A9), Conquerage_3 (A9), EdogawaKiddo_2 (A9), Eidsmoe_3 (A9), EmyBug_3 (A9), ExplosioNervosa_3 (A9), Fayely_3 (A9), Hanray_3 (A9), Holex_3 (A9), HortumSL17_3 (A9), Jiawan_3 (A9), Lilleskat_2 (A9), Myxus_3 (A9), Onglai_4 (A9), PackMan_3 (A9), Phaeder_3 (A9), Phonnegut_3 (A9), Pioneer_3 (A9), Priya_3 (A9), Qobbit_3 (A9), RyeScarlet_4 (A9), Sachima_2 (A9), Scherzo_3 (A9), Spouty_3 (A9), Tubs_3 (A9), Ugenie5_2 (A9),

Summary by clusters:

There are 2 clusters represented in this pham: A9, A21,

Info for manual annotations of cluster A9:
•Start number 1 was manually annotated 1 time for cluster A9.
•Start number 2 was manually annotated 21 times for cluster A9.

Gene Information:

Gene: Aliter_3 Start: 2111, Stop: 2338, Start Num: 2
Candidate Starts for Aliter_3:
(Start: 2 @2111 has 21 MA's), (6, 2255),

Gene: Alma_3 Start: 2109, Stop: 2336, Start Num: 2
Candidate Starts for Alma_3:
(Start: 2 @2109 has 21 MA's), (6, 2253),

Gene: Ayanochan_4 Start: 2111, Stop: 2338, Start Num: 2
Candidate Starts for Ayanochan_4:
(Start: 2 @2111 has 21 MA's), (6, 2255),

Gene: Beemo_3 Start: 2112, Stop: 2339, Start Num: 2
Candidate Starts for Beemo_3:
(Start: 2 @2112 has 21 MA's), (6, 2256),

Gene: Catalina_3 Start: 2111, Stop: 2338, Start Num: 2
Candidate Starts for Catalina_3:
(Start: 2 @2111 has 21 MA's), (6, 2255),

Gene: Conquerage_3 Start: 2108, Stop: 2335, Start Num: 2
Candidate Starts for Conquerage_3:
(Start: 2 @2108 has 21 MA's), (6, 2252),

Gene: EdogawaKiddo_2 Start: 2111, Stop: 2338, Start Num: 2
Candidate Starts for EdogawaKiddo_2:
(Start: 2 @2111 has 21 MA's), (6, 2255),

Gene: Eidsmoe_3 Start: 2108, Stop: 2335, Start Num: 2
Candidate Starts for Eidsmoe_3:
(Start: 2 @2108 has 21 MA's), (6, 2252),

Gene: EmyBug_3 Start: 2108, Stop: 2335, Start Num: 2
Candidate Starts for EmyBug_3:
(Start: 2 @2108 has 21 MA's), (6, 2252),

Gene: ExplosioNervosa_3 Start: 2111, Stop: 2338, Start Num: 2
Candidate Starts for ExplosioNervosa_3:
(Start: 2 @2111 has 21 MA's), (6, 2255),

Gene: Fayely_3 Start: 2111, Stop: 2338, Start Num: 2
Candidate Starts for Fayely_3:
(Start: 2 @2111 has 21 MA's), (6, 2255),

Gene: Hanray_3 Start: 2111, Stop: 2338, Start Num: 2
Candidate Starts for Hanray_3:
(Start: 2 @2111 has 21 MA's), (6, 2255),

Gene: Holex_3 Start: 2111, Stop: 2338, Start Num: 2
Candidate Starts for Holex_3:
(Start: 2 @2111 has 21 MA's), (6, 2255),

Gene: HortumSL17_3 Start: 2111, Stop: 2338, Start Num: 2
Candidate Starts for HortumSL17_3:
(Start: 2 @2111 has 21 MA's), (6, 2255),

Gene: Jiawan_3 Start: 2111, Stop: 2338, Start Num: 2
Candidate Starts for Jiawan_3:
(Start: 2 @2111 has 21 MA's), (6, 2255),

Gene: Kinmap_4 Start: 2269, Stop: 2490, Start Num: 1
Candidate Starts for Kinmap_4:
(Start: 1 @2269 has 1 MA's), (3, 2275), (5, 2314),

Gene: Lilleskat_2 Start: 2111, Stop: 2338, Start Num: 2
Candidate Starts for Lilleskat_2:
(Start: 2 @2111 has 21 MA's), (6, 2255),

Gene: Myxus_3 Start: 2111, Stop: 2338, Start Num: 2
Candidate Starts for Myxus_3:
(Start: 2 @2111 has 21 MA's), (6, 2255),

Gene: Onglai_4 Start: 2111, Stop: 2338, Start Num: 2
Candidate Starts for Onglai_4:
(Start: 2 @2111 has 21 MA's), (6, 2255),

Gene: PackMan_3 Start: 2111, Stop: 2338, Start Num: 2
Candidate Starts for PackMan_3:
(Start: 2 @2111 has 21 MA's), (6, 2255),

Gene: Phaeder_3 Start: 2111, Stop: 2338, Start Num: 2
Candidate Starts for Phaeder_3:
(Start: 2 @2111 has 21 MA's), (6, 2255),

Gene: Phonnegut_3 Start: 2111, Stop: 2338, Start Num: 2
Candidate Starts for Phonnegut_3:
(Start: 2 @2111 has 21 MA's), (6, 2255),

Gene: Pioneer_3 Start: 2111, Stop: 2338, Start Num: 2
Candidate Starts for Pioneer_3:
(Start: 2 @2111 has 21 MA's), (6, 2255),

Gene: Priya_3 Start: 2108, Stop: 2335, Start Num: 2
Candidate Starts for Priya_3:
(Start: 2 @2108 has 21 MA's), (6, 2252),

Gene: Qobbit_3 Start: 2108, Stop: 2335, Start Num: 2
Candidate Starts for Qobbit_3:
(Start: 2 @2108 has 21 MA's), (6, 2252),

Gene: RyeScarlet_4 Start: 2111, Stop: 2338, Start Num: 2
Candidate Starts for RyeScarlet_4:
(Start: 2 @2111 has 21 MA's), (6, 2255),

Gene: Sachima_2 Start: 2111, Stop: 2338, Start Num: 2
Candidate Starts for Sachima_2:
(Start: 2 @2111 has 21 MA's), (6, 2255),

Gene: Scherzo_3 Start: 2111, Stop: 2338, Start Num: 2
Candidate Starts for Scherzo_3:
(Start: 2 @2111 has 21 MA's), (6, 2255),

Gene: Spouty_3 Start: 2108, Stop: 2335, Start Num: 2
Candidate Starts for Spouty_3:
(Start: 2 @2108 has 21 MA's), (6, 2252),

Gene: Toaka_3 Start: 2171, Stop: 2392, Start Num: 1
Candidate Starts for Toaka_3:
(Start: 1 @2171 has 1 MA's), (4, 2189), (7, 2354),

Gene: Tubs_3 Start: 2111, Stop: 2338, Start Num: 2
Candidate Starts for Tubs_3:
(Start: 2 @2111 has 21 MA's), (6, 2255),

Gene: Ugenie5_2 Start: 2111, Stop: 2338, Start Num: 2
Candidate Starts for Ugenie5_2:
(Start: 2 @2111 has 21 MA's), (6, 2255),