Pham 106726

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 106726 Report

This analysis was run 04/05/24 on database version 557.

Pham number 106726 has 13 members, 0 are drafts.

Phages represented in each track:
• Track 1 : Anselm_88, Lokk_82, BobSwaget_81
• Track 2 : Miko_82
• Track 3 : Ph8s_88
• Track 4 : Fameo_85
• Track 5 : RedRock_87
• Track 6 : Journey13_70
• Track 7 : Kalpine_89
• Track 8 : JoshKayV_89
• Track 9 : Jaan_85
• Track 10 : MissWhite_80
• Track 11 : Echild_90

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

The start number called the most often in the published annotations is 14, it was called in 11 of the 13 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Anselm_88, BobSwaget_81, Echild_90, Fameo_85, Jaan_85, JoshKayV_89, Journey13_70, Lokk_82, Miko_82, Ph8s_88, RedRock_87,

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

Genes that do not have the "Most Annotated" start:
• Kalpine_89, MissWhite_80,

Summary by start number:

Start 13:
• Found in 2 of 13 (15.4%) of genes in pham
• Manual Annotations of this start: 2 of 13
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Kalpine_89 (A2), MissWhite_80 (A2),

Start 14:
• Found in 11 of 13 (84.6%) of genes in pham
• Manual Annotations of this start: 11 of 13
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Anselm_88 (A2), BobSwaget_81 (A2), Echild_90 (A2), Fameo_85 (A2), Jaan_85 (A2), JoshKayV_89 (A2), Journey13_70 (A2), Lokk_82 (A2), Miko_82 (A2), Ph8s_88 (A2), RedRock_87 (A2),

Summary by clusters:

There is one cluster represented in this pham: A2

Info for manual annotations of cluster A2:
•Start number 13 was manually annotated 2 times for cluster A2.
•Start number 14 was manually annotated 11 times for cluster A2.

Gene Information:
Gene: Anselm_88 Start: 49085, Stop: 49017, Start Num: 14
Candidate Starts for Anselm_88:
(Start: 14 @49085 has 11 MA's),

Gene: BobSwaget_81 Start: 46554, Stop: 46486, Start Num: 14
Candidate Starts for BobSwaget_81:
(Start: 14 @46554 has 11 MA's),

Gene: Echild_90 Start: 48883, Stop: 48815, Start Num: 14
Candidate Starts for Echild_90:
(8, 49030), (Start: 14 @48883 has 11 MA's),

Gene: Fameo_85 Start: 48644, Stop: 48573, Start Num: 14
Candidate Starts for Fameo_85:
(Start: 14 @48644 has 11 MA's),

Gene: Jaan_85 Start: 49300, Stop: 49232, Start Num: 14
Candidate Starts for Jaan_85:
(1, 49789), (5, 49519), (9, 49441), (Start: 14 @49300 has 11 MA's),

Gene: JoshKayV_89 Start: 49464, Stop: 49390, Start Num: 14
Candidate Starts for JoshKayV_89:
(7, 49608), (10, 49572), (Start: 14 @49464 has 11 MA's),

Gene: Journey13_70 Start: 43539, Stop: 43465, Start Num: 14
Candidate Starts for Journey13_70:
(8, 43692), (Start: 14 @43539 has 11 MA's),

Gene: Kalpine_89 Start: 49362, Stop: 49291, Start Num: 13
Candidate Starts for Kalpine_89:
(12, 49374), (Start: 13 @49362 has 2 MA's),

Gene: Lokk_82 Start: 47175, Stop: 47107, Start Num: 14
Candidate Starts for Lokk_82:
(Start: 14 @47175 has 11 MA's),

Gene: Miko_82 Start: 47940, Stop: 47872, Start Num: 14
Candidate Starts for Miko_82:
(11, 47967), (Start: 14 @47940 has 11 MA's),

Gene: MissWhite_80 Start: 45210, Stop: 45136, Start Num: 13
Candidate Starts for MissWhite_80:
(4, 45414), (12, 45222), (Start: 13 @45210 has 2 MA's),

Gene: Ph8s_88 Start: 47906, Stop: 47835, Start Num: 14
Candidate Starts for Ph8s_88:
(3, 48221), (8, 48053), (Start: 14 @47906 has 11 MA's),

Gene: RedRock_87 Start: 49195, Stop: 49127, Start Num: 14
Candidate Starts for RedRock_87:
(2, 49516), (6, 49369), (10, 49303), (Start: 14 @49195 has 11 MA's),